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A REVISED AND UPDATED CATALOG OF QUASI-STELLAR OBJECTS

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ABSTRACT

The paper contains a catalog of all known quasi-stellar objects (QSOs) with measured emission redshifts, and BL Lac objects, complete to 1992 December 31. The catalog contains 7315 objects, nearly all QSOs including about 90 BL Lac objects. The catalog and references contain extensive information on names, positions, magnitudes, colors, emission-line redshifts, absorption, variability, polarization, and X-ray, radio, and infrared data. A key in the form of subsidiary tables enables the reader to relate the name of a given object to its coordinate name, which is used throughout the compilation.

Plots of the Hubble diagram, the apparent magnitude distribution, the emission redshift distribution, and the distribution of the QSOs on the sky are also given.

Subject headings: catalogs — quasars: general

1. INTRODUCTION

We have published four previous compilations of quasi-stellar objects (QSOs) (Burbidge, Crowne, & Smith 1977; Hewitt & Burbidge 1980, 1987, 1989) and related to them, two lists of BL Lac objects and related objects (Hewitt & Burbidge 1987; Burbidge & Hewitt 1992) and one catalog of emission-line objects related to QSOs (Hewitt & Burbidge 1991).

In this catalog there are 7315 QSOs and BL Lac objects as we define them, more than 10 times as many as in our first catalog (Burbidge et al. 1977). We have tried to use operational definitions for QSOs and BL Lac objects so that the catalog will be a good reference system.

This catalog is a complete revision and extension of the catalog of 1987 (Hewitt & Burbidge 1987) and the supplement of 1989 (Hewitt & Burbidge 1989). The references concerning the objects contained in our 1987 and 1989 compilations have been brought up to date, and some changes and modifications have been made to the format and entries in Table 1 (see § 2). With the addition of about 3000 more QSOs and BL Lac objects and many new references, the catalog has more than doubled in size since 1987.

The classical definition of a QSO as a starlike object with a large emission-line redshift is in itself ambiguous since "large" and "starlike" are never defined. It has been shown in recent years that many genuine low-redshift QSOs have fuzz around their central nuclei. In addition, there are many comparatively low-redshift objects with nuclei which are spectroscopically similar to QSOs. They are variously called Seyfert nuclei, N-systems, or active galactic nuclei. Thus there has developed some confusion concerning the way in which low-redshift objects are designated.

We have followed our earlier definition. If the object is starlike (with or without fuzz) and has $z \geq 0.1$, we call it a QSO.

We have included a small number of objects discovered by Koo & Kron (1988) and Boyle (1986) which have redshifts in the range 0.3 to 0.65, but which those authors have described as blue compact galaxies because they have emission lines narrower than those in a "typical" QSO.

We have recently published a catalog of all low-redshift objects which contain active galactic nuclei but which are not QSOs according to the definition we use (Hewitt & Burbidge 1991). That compilation which contains more than 900 entries includes all objects with ambiguous definitions, as well as all objects defined as Seyfert nuclei, N-systems, active galactic nuclei, etc.

In our earlier QSO catalogs we included a few objects with $z < 0.1$ since they had been called QSOs in the earlier literature. However, in order to make a clear division at $z = 0.1$, we have removed all of those objects from this catalog. They are included in our catalog of low-redshift objects which contain active galactic nuclei but are not QSOs (Hewitt & Burbidge 1991). Twenty-nine objects are in this category, 28 with $z < 0.1$ and one, 0111−015, which has $z = 0.120$ since it is nonstellar. So that this catalog can be used without reference to the catalog of Hewitt & Burbidge (1991), we have listed those objects in Table 3 at the end of this paper.

For the BL Lac objects we use the classical definition as follows. A BL Lac object is an object showing strong flux variations at all wavelengths which have been observed, a high degree of radio polarization, and an optical continuum containing no emission features. Such objects may also exhibit a high degree of optical polarization.

Some BL Lac objects are physically associated with galaxies, and redshifts have been measured from the galaxy absorption lines, or emission lines from interstellar gas in the galaxy. In these cases we do not list the galaxy redshift in Table 1, since it does not arise from the BL Lac object. However, this redshift is listed in the notes in the last column of Table 1.

There continues to be confusion among different workers concerning which are BL Lac objects and which are not. This confusion has been compounded by use of the category "optical violent variable" (OVV), or blazar, if the QSO shows high optical polarization. These two latter terms, which are used interchangeably, are often used to describe rapidly varying objects whether or not emission lines are present in their spectra. Thus, while all genuine BL Lac objects are OVVs, the converse is not true. Another term sometimes used is high-polarization quasars (HPQs). In a recent review (Burbidge & Hewitt 1992) we listed all of the objects (215) we thought belonged in the list of OVV objects, HPQ objects, and genuine BL Lac objects.

We believe that all of the BL Lac objects which obey the classical definition are contained in our catalog. The numbers have increased only slightly since our earlier compilation in 1987 (Burbidge & Hewitt 1987).

In the catalog we have used two symbols to denote absorption. A cross after the emission redshifts denotes that absorption has been seen but not measured. An asterisk (*) indicates that absorption redshifts have been reported. In this case they can be found in the z(abs) column in Table 1. There are 290 objects for which absorption has been seen but no redshift systems measured, and 415 in which one or more absorption redshift has been reported. In a separate investigation, we have given a detailed list of absorption-line objects (Junkkarinen, Hewitt, & Burbidge 1991).

Unfortunately we have not been able to include all QSOs with redshifts known to us in this catalog. The exceptions are some of the QSOs identified by McMahon and Hazard, many of which have large redshifts but for which no coordinates have been published. The redshifts and some magnitudes have been published by Irwin & McMahon (1990) and by Lanzetta et al. (1991). The latter authors have also carried out spectroscopic analyses of some of these objects.

For the sake of completeness, we list these objects in Table 4 at the end of this paper.

2. CONTENTS OF TABLE 1

Table 1 appears at the end of the text (see page 460). The format of the table is similar to that used by us previously.

1. The coordinate designation in order of increasing right ascension. Under the coordinate designation the symbol BL Lac appears for all BL Lac objects. In addition, the selection technique is designated by R (radio), X (X-ray), V (variability), C (UV excess), or O (objective prism and related techniques). If the object was originally detected by one technique (e.g., radio), and it is subsequently detected as a source of radiation in another part of the electromagnetic spectrum (e.g., X-ray), an X will appear under the R (and similarly for other combinations).

2. The other names of the object, of which the first one listed is in general the name under which the object was first identified. In many cases objects have more than one name. To assist workers in finding QSOs known only by their radio or optical catalog name (e.g., PHL 957), we list in Table 2 all of the names found in the second column in Table 1 together with the appropriate coordinate designation.

3 and 4. The right ascension and declination in 1950 coordinates (col. [3]) and in 2000 coordinates (col. [4]). The positions are those for the optical object. The majority are taken either from the identification paper or from the paper containing the redshift measurement. It should be noted that for the QSOs close to bright galaxies, where no coordinates have been given in the literature, we have used the galaxy coordinates. When this is done, the name of the galaxy (generally its NGC number) appears in the name column followed by the QSO name.

5. The apparent magnitude, V, with an asterisk (*) following it if the optical object is known to be variable. Often the only apparent magnitude available is m_{pg}, a B-magnitude, or an estimate from a Schmidt plate. Thus these magnitudes are very uncertain and inhomogeneous.

6 and 7. The $B-V$ and $U-B$ colors. For the majority of the QSOs we have only rather crude measures of the energy distribution in the form of the colors. As was the case in our previous catalogs, we give all published $(U-B)$, $(B-V)$ measures. For a small fraction of the QSOs, much more accurate measures of the energy distribution have been made. In such cases references are given in the Notes column.

8. The emission redshift, z(em). A plus sign indicates that absorption has been seen but no redshift systems have been measured; an asterisk (*) indicates that absorption redshifts have been reported. The absorption redshifts appear in the z(abs) column. In general, the emission redshift is the best measured observational quantity for a QSO. Where a redshift has been reported, we give the emission lines on which it is based. In cases where the redshift is considered uncertain, it is put in parentheses.

9. Emission lines on which the redshift is based. In a very small fraction of QSOs, where high-dispersion studies have been made and a very rich spectrum has been seen, the complete line list has not been given. However, the references containing the complete line list are noted.

10. Absorption redshifts, z(abs). We list all those absorption redshifts which we believe are reliable, except for the very large number of Lyα-Lyβ pairs which have been reported in a few high-redshift QSOs. In cases where the QSOs have broad absorption lines (BAL), it is difficult to measure mean absorption redshifts. Thus, very few z(abs) values are given for BALs. In some cases a range in z(abs) appears in the Notes column. Additional information is given in the references for these cases. Also see our other compilation (Junkkarinen et al. 1991).

11. References for identification, emission redshift z, variability, radio and absorption.

12. Notes and additional references. Abbreviations used including the following:

absr	21 cm absorption
BAL	broad absorption line QSO
B(J)mag	defined in Koo & Kron (1982)
BALva	broad absorption lines variable
BAL?	broad absorption lines questionable
elp	emission-line profiles
emlvar	emission lines variable
euv	extreme ultraviolet spectra
ext	report of optical jet or fuzz
fc	finding chart
FeIIem	many Fe II lines
hfe	high-frequency excess
hpq	high polarization quasar
imag	imaging
ir	infrared

irvar	infrared variable
IRAS	object identified in the *IRAS* catalog
irpol	infrared polarization
irvar	infrared variable
ir/r	infrared/radio
Jmag	defined in Koo & Kron (1982). See also Kron (1980).
m(or)	passband on direct plates used in UK Schmidt Survey
mf	multifrequency observations
mm	millimeter-wave observations
mmvar	millimeter-wave variable
neml	narrow emission lines
OVV	optical violent variable
phot	photometry
pol	optical polarization
poljet	polarized jet
pos	position
rjet	radio jet
rnd	not detected as radio source
rpol	radio polarization
rvar	radio variable
si	speckle interferometry
sp	spectra
spext	spectroscopy of the extension
spvar	spectral variability
ubv	colors
ubvri	extended photometry
uv	ultraviolet spectra
uvabs	ultraviolet absorption
uvem	ultraviolet emission
uvnd	not detected in the ultraviolet
uvvar	ultraviolet variable
uv/ir	spectrophotometry in the ultraviolet and near infrared
varnd	variability not detected
vlbi	very long baseline interferometry (radio)
x	X-ray
xnd	not detected as X-ray source
xvar	X-ray variable
zgal	redshift of galaxy apparently containing BL Lac source

At the end of Table 1 the references are listed both in numerical and in alphabetical order.

3. CONTENTS OF TABLE 2

The subsidiary lists in Table 2 (see page 927) will enable the reader to locate in the main table objects which have names that do not contain coordinates. The many designations arising from the different catalogs are as follows:

A2	Asiago blue objects in the field of the Coma. Cluster of galaxies (Barbieri & Rosino 1972).
A3	Asiago UVX objects (Barbieri & Benvenuti 1974).
A0	Arecibo Occultation Survey, 430 and 195 MHz (Hazard, Gulkis, & Bray 1967; Hazard, Gulkis, & Sutton 1968; Gulkis, Sutton, & Hazard 1969; Lang et al. 1970).
AB, B	Braccesi ultraviolet-excess objects, some of which are found in Braccesi, Formiggini, & Gandolfi (1970); Braccesi, Lynds, & Sandage (1968).
B1	The First Bologna Catalog of Radio Sources, 408 MHz (Braccesi et al. 1965).
B2	The Second Bologna Catalog of Radio Sources, 408 MHz (Colla et al. 1970, 1972, 1973).
BF	Braccesi faint ultraviolet-excess objects (Formiggini et al. 1980).
BSO	Blue stellar objects (Sandage & Véron 1965).
CS	Optically selected quasar candidates in a field containing the South Galactic Pole (Clowes & Savage 1983).
CSO	Case stellar objects (Pesch & Sanduleak 1983, 1986, 1988, 1989; Sanduleak & Pesch 1984, 1989, 1990).
CT	Cerro el Roble sample of faint ultraviolet-excess objects (Campusano & Torres 1983).
CTA	Caltech Radio Survey, List A, 960 MHz (Harris & Roberts 1960).
CTD	Caltech Radio Survey, List D, 1421 MHz (Kellermann & Read 1965).
CTS	Calán-Tololo Survey (Maza et al. 1989, 1991, 1992).
DA	Dominion Radio Observatory Survey, List A, 1420 MHz (Galt & Kennedy 1968).
DB	Dominion Radio Observatory Survey, List B, 10.03 MHz (Bridle & Purton 1968).
DHM	University of Durham source (Shanks, Fong, & Boyle 1983).
DW	Dwingeloo-Green Bank Radio Source List, 1417 MHz (Davis 1967).
E	Source identified using the *Einstein Observatory* (Giacconi et al. 1979).
ESO	ESO/Uppsala Survey of the ESO (B) Atlas (Holmberg et al. 1978).
F	A wide-field multicolor survey for high-redshift quasars (Warren et al. 1991; Warren, Hewett, & Osmer 1991).
F855, 61, 64	A spectroscopic survey of faint QSOs using multicolor techniques (Boyle, Jones, & Shanks 1991).
GC	NRAO 5 GHz Radio Survey (Davis 1971).
GV	408 MHz Radio Survey (Grueff & Vigotti 1968).
KC	Kron & Chiu 1981.
KKC	(Koo, Kron, & Cudworth 1986).
KP	A Kitt Peak Radio and Optical Survey of Quasars (Sramek & Weedman 1978).
LB	Luyten blue star catalog (Luyten 1962).
LHE	408 MHz survey (Long, Haseler, & Elsmore 1963).
MC	The Molonglo Reference Catalogue of Radio Sources (Large et al. 1981).

MC2, MC3 — Molonglo Radio Catalog, 408 MHz (Sutton et al. 1974; Davies, Little, & Mills 1973).

MC5 — Molonglo Weak Source Survey (Mills, unpublished).

MD1-6 — Quasar identified in a survey for large-scale clustering (Drinkwater 1987). The number (1 through 6) immediately following the MD designation identifies the plate on which the object was found.

MKN — Ultraviolet-excess and emission-line objects from objective-prism surveys (Markarian 1967, 1969a, b; Markarian & Lipovetskii 1971, 1972, 1973, 1974, 1976a, b; Markarian, Lipovetskii, & Stepanyan 1977a, b, 1979a, b, c, 1980).

MSH — Mills, Slee, Hill Radio Survey, 855 MHz (Mills, Slee, & Hill 1958, 1960, 1961).

MZZ — A sample of optically selected quasars brighter than $J = 22.0$ in a field of 0.69 square degrees (Marano, Zamorani, & Zitelle 1988).

NAB — Neta A. Bahcall, QSOs in the direction of Abell clusters (Bahcall, Bahcall, & Schmidt 1973).

NB — Mullard Radio Observatory, 81.5 MHz (Branson 1967).

NRAO — National Radio Astronomy Observatory Catalog 750 + 1400 MHz (Pauliny-Toth, Wade, & Heeschen 1966).

OA — Ohio source, 1415 MHz (Kraus 1964; Nash 1965; Kraus, Dixon, & Fisher 1966).

OB-OZ — Ohio source, 1415 MHz (Scheer & Kraus 1967; Dixon & Kraus 1968; Fitch, Dixon, & Kraus 1969; Ehman, Dixon, & Kraus 1970; Brundage et al. 1971; Ehman et al. 1974; Rinsland et al. 1974). Ohio sources may be found in the catalog by noting that the name is a coordinate designation. The second letter (B–Z, omitting the letter O) gives the hours of the right ascension, the first digit gives the declination in 10° increments, and the last two digits give the right ascension to 0^h01 (thus OQ 172 has $10° < \delta < 10°$ and $\alpha = 14^h72$).

OTL — Ooty occultation radio source, 327 MHz (Kapahi, Joshi, & Kandaswamy 1973; Kapahi et al. 1973).

PB — Faint Blue Stars at High Galactic Latitude (Berger & Fringant 1977, 1980).

PC — Spectroscopic CCD surveys for quasars at large redshift: a deep PFUEI survey (Schmidt, Schneider, & Gunn 1986a); a PFUEI transit survey (Schmidt et al. 1986b).

PG — Palomar-Green bright quasar survey (Green 1976; Schmidt & Green 1983).

PHL — Palomar-Haro-Luyten blue stellar objects at high Galactic latitude (Haro & Luyten 1962).

PKS — Parkes Radio Catalog, 408 and 1410 MHz (Ekers 1969), Parkes 2700 MHz Survey (Wall, Shimmins, & Merkelijn 1971; Shimmins 1971; Shimmins & Bolton 1972, 1974; Bolton & Shimmins 1973; Bolton et al. 1975), the Parkes Master Catalogue (Bolton, Wright, & Savage 1979).

POX — Objects discovered by Kunth, Sargent, & Kowal (1981).

QN, QS — QSOs identified in an optical survey for clustering (Boyle 1986).

RN — 178 MHz survey of sources north of 86° (Ryle & Neville 1962).

RS — Ultraviolet-excess objects near M3 (Richter & Sahakjan 1965).

S4 — NRAO-Bonn S4 Survey (Pauliny-Toth et al. 1978).

S5 — MPIFR 5 GHz Survey (Kühr et al. 1981).

S — A wide-field multicolor survey for high-redshift quasars (Warren et al. 1991; Warren, Hewett, & Osmer 1991).

SBS — Second Byurakan spectral sky survey. Stellar and Seyfert objects. (Markarian et al. 1977a, b, 1979a, b, c, 1980, 1983, 1984).

SGP — QSOs identified in an optical survey for clustering. (Boyle 1986).

TOLOLO — Optical survey for faint quasars (Bohuski & Weedman 1979).

TON — Tonantzintla blue stellar objects (Iriarte & Chavira 1957; Chavira 1958, 1959).

UM — Curtis Schmidt Thin Prism Survey for Extragalactic Emission-Line Objects (MacAlpine, Smith, & Lewis 1977a, b; MacAlpine, Lewis, & Smith 1977; MacAlpine & Lewis 1978).

US — Faint Blue Objects at High Galactic Latitude (Usher 1981; Usher, Mattson, & Warnock 1982; Usher & Mitchell 1982; Huang & Usher 1984).

UT — University of Texas Radio Astronomy Observatory sources (Douglas et al. 1973; Wills, Wills, & Douglas 1985).

VR — Vermilion River Observatory Survey, 610 MHz (MacLeod et al. 1965; Wendker et al. 1970).

W — Faint blue objects near the north Galactic pole (Weistrop 1973).

W1, 2, 3, 4, — Westerbork Synthesis Radio Telescope (WSRT) sources (Willis, Oosterbaan, & de Ruiter 1976).

53W, 55W — Westerbork Survey, number 53 Hercules field, number 55 SA 28 field (Windhorst 1984; Windhorst, Van Heerde, & Katgert 1984).

WDM — Very Blue Stellar Objects near Galaxies (Weedman 1971).

ZW — Zwicky compact objects (Zwicky 1971).

3C — Third Cambridge Radio Catalogue, 159 MHz (Edge et al. 1959).

3CR — Third Cambridge Radio Catalogue (Revised), 178 MHz (Bennett 1962) (a few objects listed with a 3C or 3CR number followed by a slash and a second number (as in

3C 93.1/113) are weak sources near strong 3C sources from a survey by Windram & Kenderdine 1969).

4C Fourth Cambridge Radio Catalogue, 178 MHz (Pilkington & Scott 1965; Gower, Scott, & Wills 1967; Caswell & Crowther 1969).

5C Fifth Cambridge Radio Catalogue, 408 MHz (Pooley & Kenderdine 1968; Pooley 1969; Willson 1970).

4. STATISTICAL PROPERTIES

From the very detailed and extensive compilation contained in Table 1 it is possible to make a number of studies of the statistical properties of the QSOs, always bearing in mind that the objects form a very heterogeneous collection, and that very many selection effects are at work.

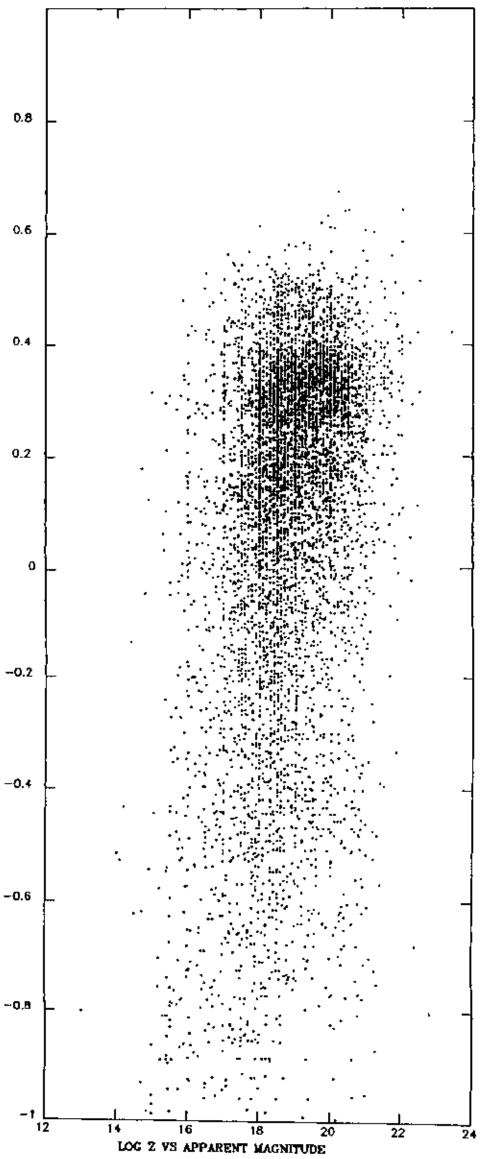

FIG. 1.—Plot of log z against apparent magnitude for all of the QSOs in Table 1.

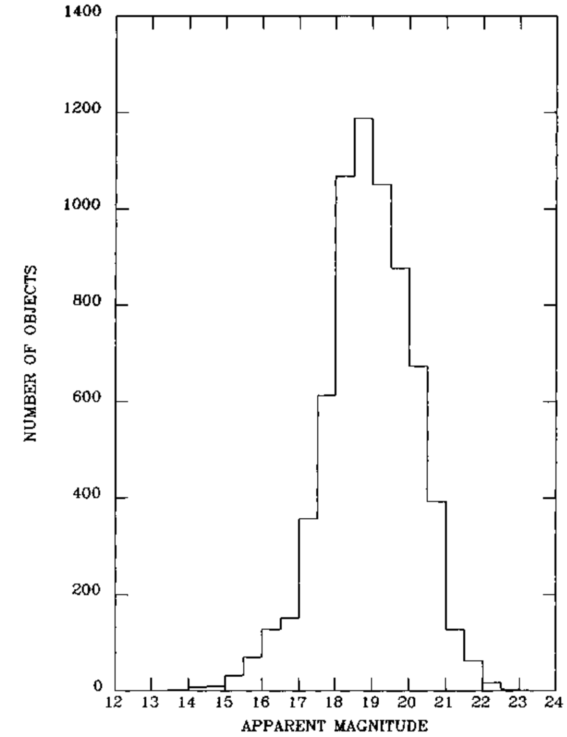

FIG. 2.—Histogram showing the distribution of apparent magnitudes of all of the QSOs in Table 1.

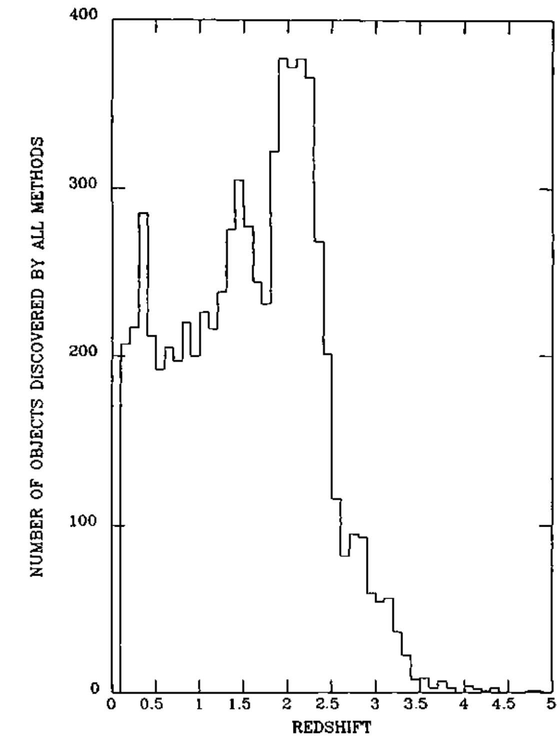

FIG. 3.—Histogram showing the emission redshift distribution for all of the QSOs in Table 1.

1993ApJS...87..451H

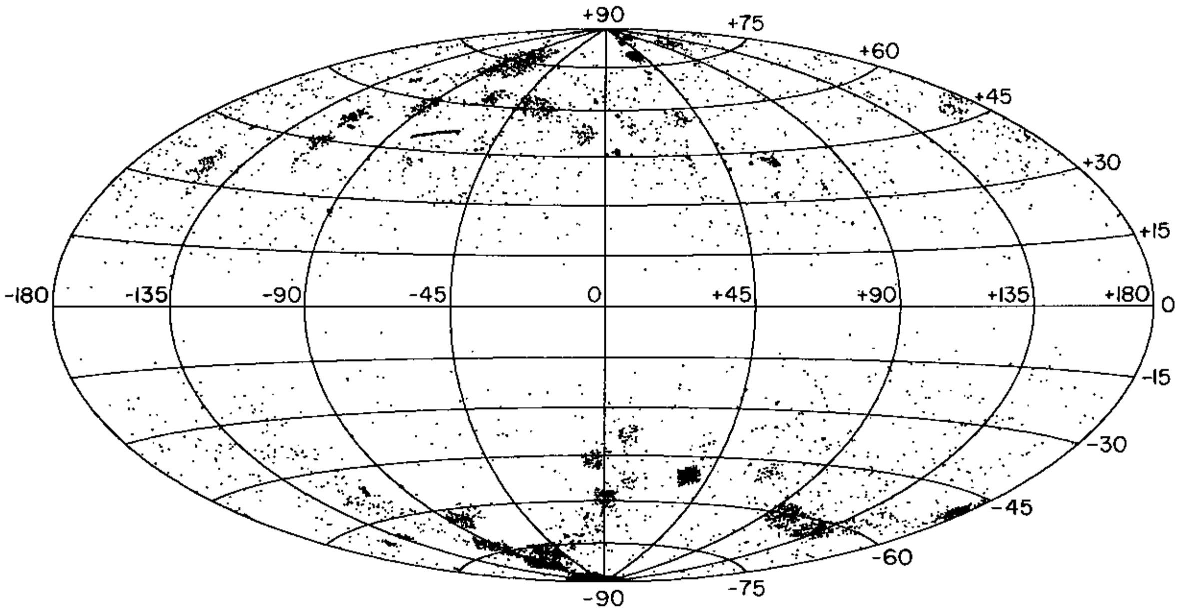

FIG. 4.—Distribution of 7315 QSOs on the sky in Galactic coordinates (Aitoff projection)

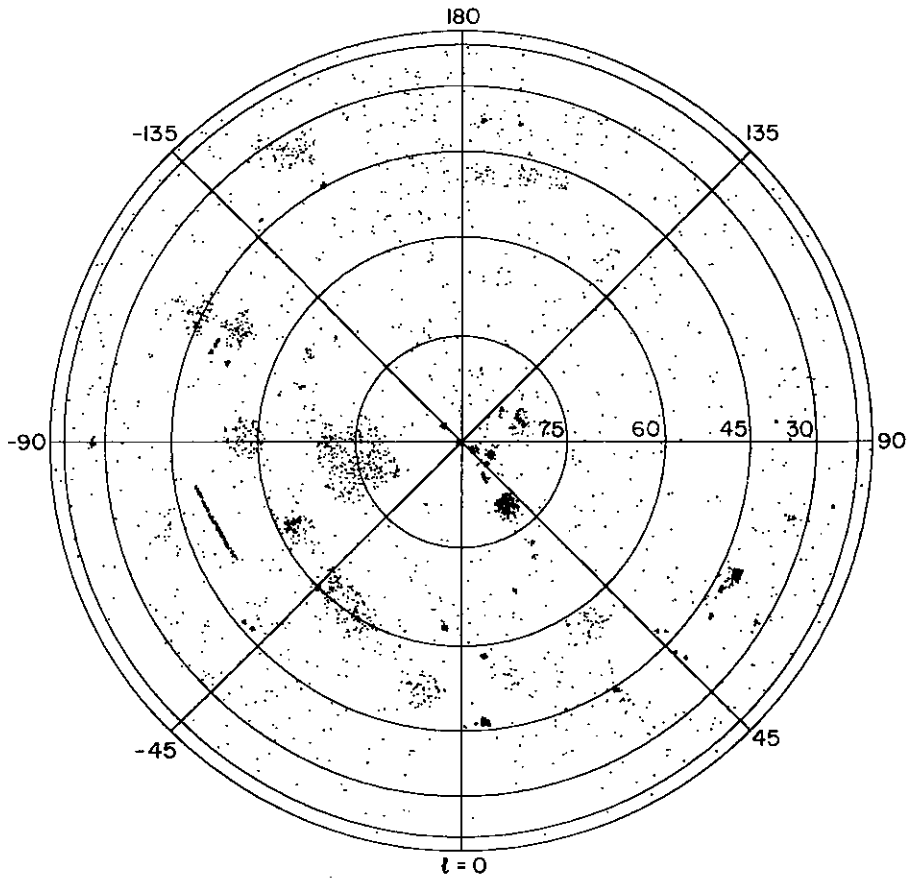

FIG. 5.—Distribution of 7315 QSOs in Galactic coordinates viewed from the North Galactic Pole. (Center of plot is $b = 90°$)

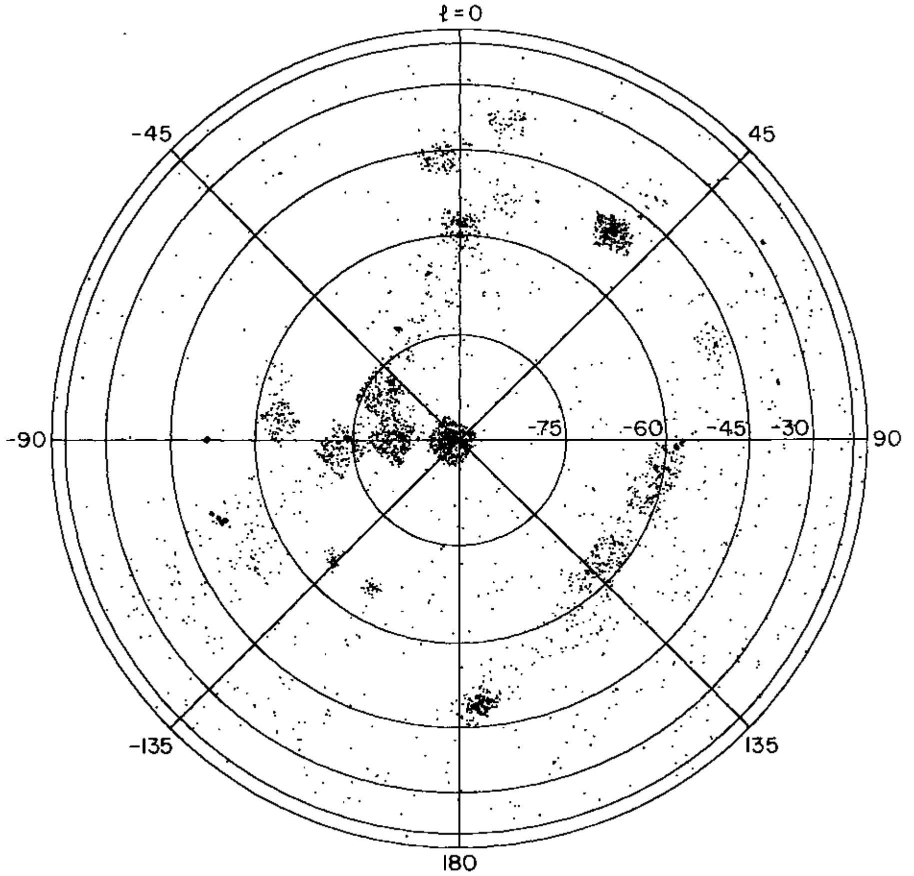

FIG. 6.—Distribution of 7315 QSOs in Galactic coordinates viewed from the South Galactic Pole. (Center of plot is $b = -90°$)

In Figure 1 we show the Hubble plot log z against apparent magnitude. As is well-known, this shows a very large scatter.

In Figure 2 we show the apparent magnitude distribution of all of the objects. If this figure is compared with the comparable figure (Fig. 1) in our earlier catalog (Hewitt & Burbidge 1987), we see that the recent surveys have covered about the same magnitude range as that in 1987.

In Figure 3 we show the emission redshift distribution for all of the QSOs.

In Figures 4, 5 and 6 we show the distribution on the sky of all the QSOs listed in Table 1. In Figure 4 we show the distribution in Galactic coordinates using an Aitoff projection. In Figure 5 and 6 we show the distribution as seen from the North and South Galactic poles, respectively.

More than 4000 of the QSOs in Table 1 have been identified by the objective prism-grism technique and related methods which tend to select preferentially QSOs in the redshift range $1.8 < z < 3.4$. Thus to look for possible peaks and periodicities it is necessary to remove these. We provided a list with these objects removed to J. V. Narlikar and in a recent paper (Durai, Das Gupta, & Narlikar 1992) some of these effects have been studied.

The very steep drop-off in the number of QSOs in the redshift range 2–2.5 which has been known since early times is very clearly present in Figure 3. The number of very high-redshift QSOs is still comparatively small. Even including those in Table 4 there are only 252 (3.5%) with $z \geq 3$ and 21 (0.3%) with $z \geq 4$.

We wish to thank many astronomers who communicated data to us ahead of publication. We also wish to thank Vesa Junkkarinen who has worked on the program that generated Table 1 and the projections on the sky. He has helped us for many years. Also we wish to thank Richard Bentley who has also helped with the programs. Over the last year Kathy Steffen has helped us to complete this investigation and we are happy to acknowledge her work. We are also very grateful to Betty Travell who has helped extensively in the preparation of the manuscript and tables.

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TABLE 1

OPTICAL CATALOG OF QUASI-STELLAR OBJECTS

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0000-026	PHL 2565	0 0 3.58	0 2 37.34	18.8			1.74	H I 1216		1387	1387				2274B(J)mag
O		-2 37 54.0	-2 21 11.9					C IV 1549		1871					
								C III 1909							
0000+019		0 0 4.26	0 2 38.05	18.4			1.08			2043	2043				2043B(J)mag
O		1 59 15.5	2 15 57.5												
0000+011		0 0 19.9	0 2 53.68	20.0			2.803	H I 1216		1072	2199				2274B(J)mag
O		1 9 38.5	1 26 20.5					O IV 1402							
								C IV 1549							
0000+025	A	0 0 24.0	0 2 57.80	18.8			1.684	C IV 1549		1825	1901				
O		2 31 57	2 48 39.0					C III 1909			2307				
0000+027	A	0 0 26.7	0 3 0.50	20.14			2.384	C IV 1549		1825	2307				
		2 45 45	3 2 27.0					C III 1909							
0000-398		0 0 30.31	0 3 3.65	18.8			2.827*	O VI 1034	2.5167	330	331		788	535	911,980,1138,
O		-39 48 49.6	-39 32 7.4					H I 1216	2.3985		478			2228	1431sp
R								N V 1240			535			2263	
								O I 1304							
								C II 1335							
								Si IV 1397							
								C IV 1549							
0000-177	PKS	0 0 48.55	0 3 22.13	19			1.465+	C IV 1549		466	466		466	466	
R	MC	-17 43 56.4	-17 27 14.3					He II 1640					1966		
								N III 1750							
								C III 1909							
								Mg II 2798							
0000-022		0 0 48.8	0 3 22.55	20.8			2.20	H I 1216		1387	1387				pos & B(J)mag,
O		-2 17 35.1	-2 0 53.1					C IV 1549							2274
0000-263		0 0 49.5	0 3 22.97	18			4.111*	H I 1216	4.1324	1857	1857			1857	2014fc,2014sp
O		-26 20 1	-26 3 18.8					O I 1304	3.5363		1874			1874	Ly alpha abs,
								Si II 1307	3.3898					2059	1857,2014;
								Si IV 1397						2125	Ly limit abs,
								O IV 1402						2228	1874; z=3.412;
								C IV 1549						2243	damped Ly
														2263	alpha, z=3.37,
															1874,2059,2243
0000-022		0 0 54.1	0 3 27.85	20.0			2.22	C IV 1549		1387	1387				pos & B(J)mag,
O		-2 16 59.9	-2 0 17.9					C III 1909							2274
0000-427		0 0 54.1	0 3 27.29	20.4			1.70	H I 1216		430	1022				
O		-42 44 4	-42 27 21.8					Si IV 1397			430				
								C IV 1549			479				
								C III 1909							
0000-426		0 0 56	0 3 29.18	21.1			2.11	H I 1216		430	1022				
O		-42 39 14	-42 22 31.8					C IV 1549			430				
											479				
0000-001		0 0 56.5	0 3 30.27	19.8			2.59	O VI 1034		1072	1072				2274B(J)mag
O		-0 8 30.1	0 8 11.9					H I 1216							
0000+016		0 0 57.1	0 3 30.89	19.9			(2.22)	H I 1216		1072	1072				pos & B(J)mag,
O		1 37 35.6	1 54 17.6					O IV 1402							2274
0001+087		0 1 8.73	0 3 42.61	19.3			3.241*	H I 1216	2.9996	1440	1874			1874	Ly limit abs,
O		8 42 50.7	8 59 32.7					Si IV 1397	2.7215		1440			2228	z=3.007,1874,
								O IV 1402	2.7206		2281			2263	2247
								C IV 1549	1.4157						
									1.0842						
0001-121	UT	0 1 9.1	0 3 42.72	18			1.30	C IV 1549		1437	1437				9.7arcmin from
R		-12 8 30	-11 51 47.9					C III 1909							NGC 7813,2118
0001-019		0 1 17.47	0 3 51.22	17.7			1.36			2043	2043				2043B(J)mag
O		-1 59 28.0	-1 42 46.0												
0001-424		0 1 17.8	0 3 50.89	19.2			2.24	H I 1216		430	430				
O		-42 27 50	-42 11 7.8					C IV 1549			479				
											1022				
0001-012		0 1 21.8	0 3 55.56	21.5			2.49	H I 1216		1072	1072				pos & B(J)mag,
O		-1 12 6.1	-0 55 24.1					C IV 1549							2274

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0001−429		0 1 23.5	0 3 56.55	18.8			1.97	H I 1216		430	1022				
O		−42 56 10	−42 39 27.8					C IV 1549			430				
											479				
0001−007		0 1 26.0	0 3 59.76	20.4			0.354	H I 4861		1072	2199				2199neml
O		−0 47 15.7	−0 30 33.7					O III 4959							pos & B(J)mag,
								O III 5007							2274
0001−009		0 1 27.2	0 4 0.96	21.3			2.34	H I 1216		1072	1072				pos & B(J)mag,
O		−0 55 42.2	−0 39 0.2					C IV 1549							2274
0001−013		0 1 42.4	0 4 16.15	20.7			2.25	H I 1216		1072	1072				pos & B(J)mag,
O		−1 22 18.0	−1 5 36.0					C IV 1549							2274
0001−011		0 1 42.7	0 4 16.46	19.9			2.01	H I 1216		1072	1072				pos & B(J)mag,
O		−1 9 43.8	−0 53 1.8					C IV 1549							2274
0001−424		0 1 42.8	0 4 15.78	20.5			1.20	H I 1216		430	1022				
O		−42 25 52	−42 9 9.8					C IV 1549			430				
											479				
0001−008		0 1 47.29	0 4 21.05	18.4			1.459	C IV 1549		1072	1072				
O		−0 50 46.4	−0 34 4.4					C III 1909		2043	2043				
0001−429		0 1 56.9	0 4 29.81	18.4			1.97 +	H I 1216		430	1022			479	
O		−42 55 13	−42 38 30.8					C IV 1549			430				
											479				
0002−432		0 2 1	0 4 33.88	18.9			1.84	H I 1216		430	430				
O		−43 16 30	−42 59 47.8					C IV 1549			479				
											1022				
0002−387		0 2 8.4	0 4 41.38	19.9			2.23	H I 1216		478	478		2064		
O		−38 47 41	−38 30 58.8					N V 1240							
R								C IV 1549							
0002−422		0 2 15.9	0 4 48.74	17.21	.23	.25	2.758*	O VI 1034	2.4641	330	1304			536	761,911,1431,
O		−42 14 7	−41 57 24.8					H I 1216	2.3022		331			559	2020sp,846rnd,
								N V 1240	2.3018		430			562	1485ubv,
								O I 1304	2.1683		478			1208	2095imag
								Si IV 1397	1.9886		479			1394	203 arcmin
								C IV 1549	1.5413		535			1747	from NGC 55,
								He II 1640	0.8366		559			2228	647 arcmin
								C III 1909			1022			2263	from NGC 300,
															1650;Ly alpha
															abs,562
0002−430		0 2 20.3	0 4 53.09	19.8			2.20	H I 1216		430	430				
O		−43 5 36	−42 48 53.8					C IV 1549			479				
											1022				
0002−009		0 2 22.0	0 4 55.76	20.9			2.26	H I 1216		1072	1072				2274pos
O		−0 55 34	−0 38 52.0					C IV 1549							
0002−027		0 2 25.12	0 4 58.84	18.3			0.435			2043	2043				
O		−2 43 13.3	−2 26 31.3												
0002−008	UM 197	0 2 26.7	0 5 0.46	18			2.18	H I 1216		445	480				1072fc
O		−0 50 31	−0 33 49.1					O I 1304			1072				
								Si IV 1397			1826				
								C IV 1549							
								He II 1640							
0002−010		0 2 29.2	0 5 2.96	20.1			2.22	H I 1216		1072	1072				2274B(J)mag
O		−1 1 31.7	−0 44 49.8					C IV 1549							
0002−018		0 2 33.35	0 5 7.09	18.7			1.71			2043	2043				2043B(J)mag
O		−1 49 28.4	−1 32 46.5												
0002−021		0 2 44.2	0 5 17.93	17.4			1.146			2216	2216				
O		−2 10 28	−1 53 46.1							2274	2274				
0002−008		0 2 45.9	0 5 19.66	19.0			(0.44)	Mg II 2798		1072	1072				pos & B(J)mag,
O		−0 52 0.4	−0 35 18.5												2274

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0002+051 O R	UM 18 PG PHL 650	0 2 46.3 5 7 29	0 5 20.18 5 24 10.9	16.21	.35	−1.11	1.900*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798	1.7444	444	480 2281		853 866	974 1747 2228 2263	901pol,1218uv, 1485ubv,1729, 2005ir, 2174varnd, 2251sp Ly alpha abs, 974
0002−426 O		0 2 51.6 −42 39 31	0 5 24.27 −42 22 48.9	20.1			0.12	H I 1216		430	479 430				
0002−396 O		0 2 54.0 −39 36 0	0 5 26.77 −39 19 17.9	19.2			2.04	H I 1216 N V 1240 C IV 1549		1431	1431				
0002−011 O		0 2 55.4 −1 6 44.6	0 5 29.15 −0 50 2.7	20.6			2.16	H I 1216 C IV 1549		1072	1072				pos & B(J)mag, 2274
0002−433 O		0 2 56 −43 23 48	0 5 28.62 −43 7 5.9	19.7			2.50	H I 1216 C IV 1549		430	1022 430 479				
0003−013 O		0 3 8.2 −1 20 54.1	0 5 41.95 −1 4 12.2	20.1			2.13	H I 1216 C IV 1549		1072	1072				pos & B(J)mag, 2274
0003−012 O		0 3 8.8 −1 17 36.6	0 5 42.55 −1 0 54.7	20.9			2.23	H I 1216 C IV 1549		1072	1072				pos & B(J)mag, 2274
0003−009 O		0 3 9.4 −0 59 43.6	0 5 43.15 −0 43 1.7	20.7			1.99	H I 1216 C IV 1549		1072	1072				pos & B(J)mag, 2274
0003−012 O		0 3 11.0 −1 13 49.8	0 5 44.75 −0 57 7.9	20.5			1.56	C IV 1549 C III 1909		1072	1072				pos & B(J)mag, 2274
0003−006 O		0 3 12.8 −0 40 57.1	0 5 46.56 −0 24 15.2	19.6			1.76	C IV 1549 C III 1909		1072	1072				pos & B(J)mag, 2274
0003+017 O		0 3 13.8 1 46 19	0 5 47.62 2 3 0.9	16.6			0.234			2216 2274	2216 2274				
0003−008 O		0 3 15.3 −0 51 18.9	0 5 49.06 −0 34 37.0	19.0			1.65	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1072	1072				pos & B(J)mag, 2274
0003−429 O		0 3 20.8 −42 58 52	0 5 53.33 −42 42 9.9	18.3			1.83	H I 1216 C IV 1549		430	430 479 1022				
0003−007 O		0 3 21.3 −0 43 46.8	0 5 55.06 −0 27 4.9	20.6			1.68	C IV 1549 C III 1909		1072	1072				pos & B(J)mag, 2274
0003+001 O		0 3 23.47 0 11 54.9	0 5 57.25 0 28 36.8	18.1			0.26			2043	2043				2043B(J)mag
0003+158 C X R	PHL 658 4C 15.01 PKS VR15.00.01 OB 106 MC 3 PG	0 3 25.07 15 53 7.4	0 5 59.24 16 9 49.2	15.95*	.11	−.70	0.450+	Mg II 2798 O II 3727 O III 5007		001	002 005 1731	006 007 212 247 248 290 759 1068 1142	128 775 1159 1888 2011 2174	002 005	001,003, 007ubv,004, 705,1202pol, 1355,1693, 1941uv, 1394vlbi, 1320rpol,324, 1117,1467sp, 1194,1688, 1700imag, 749pos, 1222elp,1617, 1729,2005ir, 1487,2112x 2.0arcmin from spiral gal, 39.2 arcmin from NGC 7814, 1650,2118; 1902avg Bmag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0003-011		0 3 28.4	0 6 2.15	19.8			1.87	H I 1216		1072	1072				pos & B(J)mag,
O		-1 10 41.4	-0 53 59.5					Si IV 1397							2274
								O IV 1402							
								C IV 1549							
0003-428		0 3 39.5	0 6 11.95	19.6			1.78	H I 1216		430	1022				
O		-42 53 15	-42 36 32.9					C IV 1549			430				
											479				
0003-066	PKS	0 3 40.31	0 6 13.92	19.7				O II 3727		213	1984				2103pol
BL Lac R	NRAO 5	-6 40 17.0	-6 23 35.1					O III 4959		412	1305				0.347zgal
	PHL 2625							O III 5007		761					
								H I 6563							
0003-430		0 3 47.3	0 6 19.70	18.4			1.78	H I 1216		430	1022		2064		
O		-43 2 2	-42 45 20.0					C IV 1549			430				
R											479				
0003-003	3CR 2	0 3 48.87	0 6 22.64	19.35*	.79	-.96	1.037	C IV 1549		008	002	008	128		003ubv,
R	PKS	-0 21 6.7	-0 4 24.9					C III 1909				290	462		1526vlbi
	NRAO 6							Mg II 2798					774		
	OB 007												789		
	DA 5												801		
	4C 00.01												1266		
	MSH 00-01												1527		
	PB 5731												1655		
													1804		
													1877		
0003-425		0 3 55.2	0 6 27.59	18.4			(0.94)	H I 1216		430	479				
O		-42 35 5	-42 18 23.0								430				
0004-008		0 4 2.2	0 6 35.95	21.4			(2.24)	H I 1216		1072	1072				
O		-0 50 2	-0 33 20.2					C IV 1549							
0004+171	UT	0 4 13.0	0 6 47.27	18.5			2.898*	H I 1216	2.8705	1437	1437			1874	Ly limit abs,
R		17 11 34	17 28 15.7					Si IV 1397	2.5181		2281			2228	z=2.881,1874
								O IV 1402	0.8068					2243	
								C IV 1549						2263	
0004-005		0 4 20.38	0 6 54.14	18.4			1.720	C IV 1549		2043	2043				
O		-0 32 16.8	-0 15 35.0					C III 1909			2307				
								He II 4686							
								O III 5007							
0004+000		0 4 27.60	0 7 1.38	17.8			0.89			2043	2043				2043B(J)mag
O		0 5 59.0	0 22 40.8												
0004+006		0 4 36.26	0 7 10.05	17.8			0.32			2043	2043				2043B(J)mag
O		0 36 45.6	0 53 27.3												
0004-408		0 4 40	0 7 12.29	18.3			2.09	H I 1216		478	478				846rnd,1431sp
O		-40 50 50	-40 34 8.1					N V 1240							
								C IV 1549							
0004-017		0 4 48.72	0 7 22.44	18.1			1.711+			2043	2043				2043BAL
O		-1 47 29.2	-1 30 47.5												
0004+024	UM 202	0 4 53.24	0 7 27.09	17.28	.14	-.36	0.301	H I 1216		446	2043				1451,1485ubv
O	PB 5748	2 24 29.3	2 41 11.0					C IV 1549		2043					
0005+030		0 5 16.9	0 7 50.78	16.10			1.095	Mg II 2798		1825	2307				2307FeIIem
		3 0 51	3 17 32.6					Mg II 2804							
0005-239	PKS	0 5 27.43	0 8 0.34	16.47	.33	-.89	1.407	C IV 1549		011	1305		011		761,1304sp,
C	PHL 6304	-23 56 6	-23 39 24.2					C III 1909			009				1320rpol,
R								C II 2326			410				1485ubv,
								Mg II 2798							1352spvar,
								Ar IV 2854							1526vlbi,
															1983ir,
															1966rnd
0005-000	UM 203	0 5 33.8	0 8 7.58	19.5			(1.49)	C IV 1549		446	446				pos & B(J)mag,
O		-0 0 24.3	0 16 17.3					He II 1640							2274
0005-464	C16.06	0 5 43.1	0 8 14.74	17.9			1.88			2277	2277				
		-46 27 43	-46 11 1.2												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0006+002		0 6 0.99	0 8 34.78	17.4			0.27			2043	2043				2043B(J)mag
O		0 15 12.6	0 31 54.2												
0006–466	C16.07	0 6 6.0	0 8 37.52	17.8			1.85			2277	2277				
		–46 36 13	–46 19 31.2												
0006+014	PKS	0 6 19.41	0 8 53.24	18.34			(1.302)	C IV 1549		026	436		1976		
R	PB 5765	1 26 31.7	1 43 13.2					C III 1909							
0006+025		0 6 23.58	0 8 57.46	18.0			2.093	H I 1216		1825	1825				
O		2 30 53.5	2 47 35.0					N V 1240		2043	2043				
								C IV 1549			2307				
								C III 1909							
0006+397	UT	0 6 28.5	0 9 4.17	18.5			1.83	H I 1216		1437	1437				
R		39 45 6	40 1 47.3					C IV 1549							
0006+022	A	0 6 41.6	0 9 15.47	19.11			1.515	C IV 1549		1825	2307				
		2 13 14	2 29 55.5					C III 1909							
0006+020		0 6 57.61	0 9 31.47	17.5			2.35	O VI 1034		2043	2043				
O		2 0 23.7	2 17 5.1					Si IV 1397			2307				
								C IV 1549							
								C III 1909							
0007–000		0 7 11.76	0 9 45.54	18.4			0.70			2043	2043				2043B(J)mag
O		–0 3 6.3	0 13 35.1												
0007+017		0 7 18.88	0 9 52.73	18.3			1.76			2043	2043				2043B(J)mag
O		1 42 5.6	1 58 47.0												
0007+016	PKS	0 7 24.81	0 9 58.66	19.60			2.948*	H I 1216	2.980	1997	2261				
R		1 41 13.7	1 57 55.0					SiIVb 1400							
								C IV 1549							
								C III 1909							
0007–407		0 7 30.0	0 10 1.59	18.6			2.47	H I 1216		1431	1431				
O		–40 44 0	–40 27 18.4					N V 1240							
								C IV 1549							
0007–114		0 7 34.3	0 10 7.55	19.6	–.10		0.456			1314	1314				
X		–11 29 4	–11 12 22.6												
0007–426		0 7 36.0	0 10 7.41	18.3			2.67	H I 1216		1431	1431				
O		–42 39 0	–42 22 18.5					N V 1240							
								C IV 1549							
0007–353		0 7 41	0 10 12.93	18.04	.57	–1.30	2.03	H I 1216		409	409				1485ubv
O		–35 20 47	–35 4 5.5					N V 1240							
								C IV 1549							
0007–000	UM 208	0 7 42.80	0 10 16.58	18.5			2.260	H I 1216		446	2043				gal nearby,
O		–0 4 15.7	0 12 25.6					C IV 1549			480				1826
0007+026		0 7 45.70	0 10 19.60	18.4			(0.59)			2043	2043				2043B(J)mag
O		2 36 56.4	2 53 37.7												
0007+332	4C 33.01	0 7 50.06	0 10 25.58	18.8			0.743	C III 1909		033	443		462		831sp
R	B2	33 12 55.7	33 29 36.8					Mg II 2798					774		9.5arcmin from
													1888		NGC 29,2118
0007–017	UM 209	0 7 53.77	0 10 27.47	18.4 *			1.536	C IV 1549		446	2043	752			
O	PB 5777	–1 42 32.4	–1 25 51.1					C III 1909			446				
											1826				
0007+171	PKS	0 7 59.4	0 10 34.01	18			1.601+	C IV 1549		010	009		010	009	1350x,
R	4C 17.04	17 7 38	17 24 19.2					C III 1909					2085		1526vlbi
X	OB 113														
	MC 3														
	GC														
0008–008	UM 210	0 8 17.3	0 10 51.04	19.4			2.09	H I 1216		446	446				pos & B(J)mag,
O	PB 5780	–0 48 16.4	–0 31 35.2					C IV 1549			1826				2274
0008–000		0 8 21.0	0 10 54.78	18.4			0.243			2274	2274				
O		–0 1 50	0 14 51.2												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0008+008		0 8 23.3	0 10 57.12	18.87			3.084	C IV 1549	3.079	1825	2307			2307	
		0 53 26	1 10 7.2					C III 1909	3.028						
									2.895						
									2.650						
									2.625						
									2.030						
									1.194						
0008–264	PKS	0 8 28.9	0 11 1.27	19.0			1.096			011	1305		1966		1526vlbi
R		–26 29 15	–26 12 33.7												
0009–016	UM 211	0 9 37.26	0 12 10.95	18.1			1.998	C IV 1549		446	480				901pol
O	PB 5791	–1 38 50.6	–1 22 9.7					C III 1909		2043	2043				
								Mg II 2798			2251				
0009–018	UM 212	0 9 41.17	0 12 14.85	18.4			1.070	C III 1909		446	673				
O	PB 5793	–1 48 11.7	–1 31 30.8					Mg II 2798		2043	2043				
0009+023		0 9 45.76	0 12 19.67	18.0			2.642			2043	2043				2043B(J)mag
O		2 19 53.9	2 36 34.8												
0009–022		0 9 47.49	0 12 21.14	18.6			2.103			2043	2043				2043B(J)mag
O		–2 15 38.7	–1 58 57.8												
0010+017		0 10 1.91	0 12 35.79	18.0			0.587			2043	2043				2043B(J)mag
O		1 46 45.1	2 3 25.9												
0010–408	PKS	0 10 9.56	0 12 40.47	18.0			1.50	C IV 1549		767	767		387		
R		–40 50 10.4	–40 33 29.4					C III 1909					767		
													1966		
0010+001		0 10 18.76	0 12 52.55	18.6			1.611			2043	2043				2043B(J)mag
O		0 11 49.0	0 28 29.8												
0010+015		0 10 21.75	0 12 55.62	18.7			0.433			2043	2043				2043B(J)mag
O		1 31 9.2	1 47 50.0												
0010+008		0 10 23.94	0 12 57.77	18.7			1.061			2043	2043				2043B(J)mag
O		0 49 21.8	1 6 2.6												
0010–002		0 10 32.37	0 13 6.14	18.0			2.15 +	C IV 1549		2043	2043				2043BAL
O		–0 12 9.4	0 4 31.3					C III 1909			1826				
											2307				
0010+008		0 10 53.2	0 13 27.03	19.67			3.076	O VI 1034		1825	2307				
		0 50 3	1 6 43.7					H I 1216							
								N V 1240							
								Si IV 1397							
								C IV 1549							
								C III 1909							
0010+005		0 10 53.6	0 13 27.42	17.8			0.363			2216	2216				
O		0 35 49	0 52 29.7							2274	2274				
0011+004		0 11 26.64	0 14 0.45	18.7			1.704			2043	2043				2043B(J)mag
O		0 26 14.2	0 42 54.7												
0011–024		0 11 43.89	0 14 17.51	18.2			1.220			2043	2043				2043B(J)mag
O		–2 27 25.9	–2 10 45.4												
0012–467	C17.05	0 12 3.2	0 14 32.87	18.2			2.22			2277	2277				
		–46 47 34	–46 30 53.4												
0012–002	UM 221	0 12 10	0 14 43.76	17			1.55	C IV 1549		446	2130				
O		–0 16 24	0 0 16.3					C III 1909			2307				
0012+006	UM 222	0 12 17.8	0 14 51.63	18.4 *			1.46	C IV 1549		446	480	752			
O	PB 5816	0 40 16	0 56 56.3							2043	2043				
0012–011		0 12 30.64	0 15 4.34	18.2			0.647			2043	2043				2043B(J)mag
O		–1 11 19.6	–0 54 39.3												
0012–004		0 12 33.24	0 15 6.99	18.6			1.701			2043	2043				2043B(J)mag
O		–0 24 41.7	–0 8 1.5												
0012+020		0 12 36.79	0 15 10.72	18.7			1.683			2043	2043				2043B(J)mag
O		2 2 10.4	2 18 50.6												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0013–396		0 13 12.0	0 15 42.30	18.9			0.98	Mg II 2798		1431	1431				
O		–39 40 0	–39 23 19.7												
0013–401		0 13 24.5	0 15 54.69	18			1.60	C IV 1549		478	478				846rnd
O		–40 7 43	–39 51 2.8					C III 1909							
0013–004	UM 224	0 13 28.66	0 16 2.41	17			2.086*	H I 1216	2.0290	446	1872			1872	2251sp,
O	PB 5829	–0 29 5.5	–0 12 25.5					Si IV 1397	1.9917	2043	480			1873	2174varnd
								O IV 1402	1.9758		2043			2228	5.33 arcmin
								C IV 1549	1.9675		2281			2263	from NGC 60,
									1.7536						2118
									1.7137						
									1.5617						
									0.4470						
0013–030		0 13 28.77	0 16 2.33	18.7			1.249			2043	2043				2043B(J)mag
O		–3 0 11.5	–2 43 31.5												
0013+010		0 13 32.64	0 16 6.50	17.2			1.641			2043	2043				2043B(J)mag
O		1 3 24.2	1 20 4.2												
0013+016		0 13 33.20	0 16 7.11	18.5			1.665			2043	2043				2043B(J)mag
O		1 38 28.0	1 55 8.0												
0013–005	PKS	0 13 37.25	0 16 10.99	20.8			1.574	C IV 1549		132	1861		1861		498pos
R		–0 31 53.2	–0 15 13.2					C III 1909		440	1997				
								Mg II 2798							
0014+813	S5	0 14 4.10	0 17 8.10	16.5			3.387*	H I 1216	3.3203	1079	1685		937	1079	1079pol,
R		81 18 28.4	81 35 7.8					N V 1240	3.2265	1811	1079		1448	1360	1240ir,
								Si IV 1397	2.8795		1872		2162	1872	2174varnd
								O IV 1402	2.8002		1874			1873	Ly limit abs,
								C IV 1549	2.4933		2281			1874	z=2.813,1685,
								C III 1909	2.4288					2039	1874; Ly alpha
									1.1109					2228	forest,2229.
														2263	
0014+013		0 14 8.9	0 16 42.79	18.7			0.291			2274	2274				
O		1 22 47	1 39 26.8												
0014–043	UM 661	0 14 11.0	0 16 44.44				1.96 +	H I 1216		1025	1025				1208BAL
O	PHL 767	–4 20 51	–4 4 11.2					N V 1240							
								C IV 1549							
0014+166	PG	0 14 16.0	0 16 51.14	16.23			0.100				1260				1987ext
C		16 41 57.0	16 58 36.7												called star-
															burst gal in
															1788; faint
															gals near,2118
0014–392		0 14 40.3	0 17 10.31	18.8			2.34 +	H I 1216		478	478			478	846rnd,478BAL
O		–39 13 5	–38 56 25.1					N V 1240							
								C IV 1549							
0014–029		0 14 47.65	0 17 21.19	18.7			1.862			2043	2043				2043B(J)mag
O		–2 56 0.3	–2 39 20.7												
0015+160		0 15 9.9	0 17 45.06	19.9			2.20	H I 1216		1439	1439				
O		16 3 13	16 19 52.4					C IV 1549							
0015+013		0 15 11.96	0 17 45.85	18.3			0.236			2043	2043				2043B(J)mag
O		1 19 40.4	1 36 19.9												
0015+026		0 15 37.40	0 18 11.41	18.7			2.469			2043	2043				2043B(J)mag
O		2 39 59.3	2 56 38.6												
0015+010		0 15 48.18	0 18 22.05	17.2			0.16			2043	2043				2043B(J)mag
O		1 2 21.6	1 19 0.9												
0015+155		0 15 54.8	0 18 29.98	20.6			2.30	H I 1216		1439	1439				
O		15 35 48	15 52 27.2					C IV 1549							
0015+162		0 15 56.7	0 18 31.94	18.2			0.553	Mg II 2798		1274	1104				1.0arcmin from
X		16 12 47	16 29 26.1					H I 4340			1314				anon gal,0.541
								H I 4861							zgal,2118
0016–357		0 16 10	0 18 40.14	19.1			3.199	H I 1216		1247	1247				
O		–35 46 0	–35 29 20.6					N V 1240							
								C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0016+010		0 16 16.43	0 18 50.31	18.7			0.319			2043	2043				2043B(J)mag
O		1 5 10.6	1 21 49.7												
0016-179	UM 662	0 16 37.1	0 19 9.20	18.5			2.19	H I 1216		1025	1025				
O		-17 57 38	-17 40 58.9					N V 1240							
								C IV 1549							
0016-257	1H	0 16 38	0 19 9.27	16			0.13			2268	2269				
X		-25 47 30	-25 30 50.8												
0016+007		0 16 45.48	0 19 19.33	18.6			2.309			2043	2043				2043B(J)mag
O		0 45 12.3	1 1 51.3												
0016+731	S5	0 16 54.20	0 19 45.79	18.0			1.781	C IV 1549		1443	1540		1266		996,1280,
R		73 10 51.5	73 27 30.0					C III 1909		1552	1793		1543		1862vlbi,
								Mg II 2798		1667			1793		1766rvar,
										1811					1811pos,1789,
															1855mm,
															2103pol
0017+257	4C 25.01	0 17 3.45	0 19 39.82	15.4			0.284	Mg II 2798			443		462		1617,2021ir,
R	B2	25 46 13.6	26 2 52.3					H I 4340					774		1700,1884imag
								O III 4363					1111		10 arcsec from
								H I 4861					1171		anon gal,2118
								O III 4959					1531		
								O III 5007							
								H I 6563							
0017+009		0 17 23.97	0 19 57.84	18.7			1.134			2043	2043				2043B(J)mag
O		0 55 13.6	1 11 52.3												
0017-397		0 17 43.7	0 20 12.91	18.4			1.94	H I 1216		478	478				846rnd
O		-39 42 40	-39 26 1.1					N V 1240							
								C IV 1549							
0017+154	3CR 9	0 17 49.83	0 20 25.15	18.21	.23	-.74	2.018*	H I 1216	1.9382	014	012		128	327	005,014,
C	4C 15.02	15 24 16.5	15 40 55.0					C IV 1549	1.8733		013		462	1749	063ubv,
X	PHL 2871							He II 1640	1.6261		015		775	2049	1201pol,696,
R	OB 129							O III 1663	1.3643		1749		787	2228	912,1107x,
	MC 3							C III 1909			2281		916	2263	1617ir,287,
	PKS												917		324,335,
	NRAO 19												1023		2049sp,245fc,
													1167		1513elp,
													1778		2266imag
													1804		1795rpol jet,
													1891		11 arcsec from
													2013		anon gal,0.254
															zgal,2118
0017+021		0 17 51.10	0 20 25.10	17.5			0.401			2043	2043				2043B(J)mag
O		2 9 45.7	2 26 24.3												
0017-425		0 17 54.7	0 20 23.38	18.6			1.55	C IV 1549		478	478				846rnd
O		-42 31 12	-42 14 33.2					C III 1909							
0017+022		0 17 59.23	0 20 33.23	18.5			0.256			2043	2043				2043B(J)mag
O		2 12 13.0	2 28 51.5												
0018-000		0 18 23.04	0 20 56.82	18.1			1.115			2043	2043				2043B(J)mag
O		-0 4 51.5	0 11 46.9												
0018-422		0 18 24.4	0 20 53.01	18.6			2.86	H I 1216		478	478				846rnd
O		-42 12 21	-41 55 42.4					N V 1240							
								C IV 1549							
0018+006	UM 228	0 18 27.20	0 21 1.05	17.0			0.10			2043	2043				2043B(J)mag
O		0 36 8.8	0 52 47.2												
0018-388		0 18 48.4	0 21 17.50	19			2.29	C IV 1549		478	478				846rnd
O		-38 48 34	-38 31 55.6												
0018-028		0 18 52.3	0 21 25.79	18.4			0.618			2216	2216				2216neml
O		-2 52 20	-2 35 41.8							2274	2274				
0018-023		0 18 53.81	0 21 27.36	17.4			2.596			2043	2043				2043B(J)mag
O		-2 20 12.3	-2 3 34.1												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0018+007	PC	0 18 54.05	0 21 27.92	18.12			1.820*	C IV 1549	1.577	1517	1517			1517	
O		0 47 40.9	1 4 19.1					C III 1909	1.328	2043	2043			2228	
								Mg II 2798						2263	
0018+004		0 18 59.46	0 21 33.29	18.2			1.246			2043	2043				2043B(J)mag
O		0 26 21.8	0 42 60.0												
0019+003	A	0 19 7.22	0 21 41.04	18.6			0.314			2043	2043				2043B(J)mag
O		0 22 2.6	0 38 40.7												
0019+003	B	0 19 12.56	0 21 46.38	18.1			0.661			2043	2043				2043B(J)mag
O		0 22 20.9	0 38 59.0												
0019-017	A	0 19 18.08	0 21 51.68	18.1			1.588			2043	2043				2043B(J)mag
O		-1 45 12.7	-1 28 34.7												
0019-017	B	0 19 31.32	0 22 4.92	18.1			1.040			2043	2043				2043B(J)mag
O	UM 230	-1 45 25.7	-1 28 47.7												
0019-396		0 19 34.5	0 22 3.27	19.8			2.28	H I 1216		478	478				846rnd
O		-39 40 32	-39 23 53.8					N V 1240							
								C IV 1549							
0019-000		0 19 36.18	0 22 9.97	18.3			0.575			2043	2043				2043B(J)mag
O		-0 0 9.4	0 16 28.5												
0019-392		0 19 41.2	0 22 10.02	19.6			2.20	H I 1216		478	478				846rnd
O		-39 15 59	-38 59 20.9					N V 1240							
								C IV 1549							
								He II 1640							
0019+011	UM 232	0 19 53.58	0 22 27.49	17.8			2.127*	H.I 1216	2.1017	446	1479			480	901,1202pol,
O	PB 5901	1 7 33.9	1 24 11.7					N V 1240		2043	480			725	1213rnd,1182x,
X								C IV 1549			725			1512	1208,1514,
								C III 1909			2043			1711	2040BAL,
								Mg II 2798			2199			2040	2251sp
														2228	z(abs) 2.039-
														2263	1.984,1512
0019+058	PKS	0 19 54.3	0 22 28.72	19.2						1418					010fc,2112x,
BL Lac R		5 52 31	6 9 8.8												2259imag
0020-369		0 20 7	0 22 36.12	19.2			2.005	H I 1216		1247	1247				
O		-36 57 0	-36 40 22.1					N V 1240							
								C IV 1549							
								C III 1909							
0020-020		0 20 10.73	0 22 44.29	18.4			0.691			2043	2043				2043B(J)mag
O		-2 2 29.2	-1 45 51.5												
0020-030		0 20 21.67	0 22 55.12	17.3			0.580			2043	2043				2043B(J)mag
O		-3 0 57.4	-2 44 19.8												
0020-019	UM 233	0 20 28.76	0 23 2.33	18.3			1.460			2043	2043				2043B(J)mag
O		-1 54 54.2	-1 38 16.6												
0020+009	UM 234	0 20 29.27	0 23 3.16	18.0			0.727			2043	2043				2043B(J)mag
O		0 58 55.0	1 15 32.5												
0020+003		0 20 37.25	0 23 11.07	18.6			0.423			2043	2043				2043B(J)mag
O		0 18 39.0	0 35 16.5												
0020+022		0 20 50.85	0 23 24.89	18.6			1.798			2043	2043				2043B(J)mag
O		2 17 20.0	2 33 57.4												
0020-408		0 20 51.4	0 23 19.64	18.8			2.63	H I 1216		478	478				846rnd
O		-40 50 53	-40 34 15.4					N V 1240							
								C IV 1549							
0021-185	UM 663	0 21 6.8	0 23 38.40	17.9			2.00 +	H I 1216		1025	1025			1025	
O		-18 32 30	-18 15 52.6					N V 1240							
								C IV 1549							
0021+055	UM 30	0 21 8.5	0 23 42.93	19.1			2.05	H I 1216		444	480		853		
O	PB 5924	5 35 54	5 52 31.2					C IV 1549					866		
R													2162		
0021+007		0 21 9.10	0 23 42.97	18.4			1.633			2043	2043				2043B(J)mag
O		0 46 4.7	1 2 42.0												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0021+026		0 21 20.08	0 23 54.18	17.9			0.495			2043	2043				2043B(J)mag
O		2 41 51.4	2 58 28.6												
0021+011	UM 236	0 21 22.42	0 23 56.33	18.5			1.175			2043	2043				2043B(J)mag
O		1 6 1.2	1 22 38.4												
0021–030		0 21 29.26	0 24 2.70	18.8			0.422			2043	2043				2043B(J)mag
O		–3 1 37.6	–2 45 0.4												
0021–022		0 21 37.37	0 24 10.90	18.7			2.294+			2043	2043				2043BAL,
O		–2 13 24.6	–1 56 47.5												2043B(J)mag
0021–010		0 21 37.99	0 24 11.66	18.2			0.764			2043	2043				2043B(J)mag
O		–1 0 25.5	–0 43 48.4												
0021–017		0 21 43.90	0 24 17.48	18.6			1.356			2043	2043				2043B(J)mag
O		–1 47 12.7	–1 30 35.7												gal near,2118
0022+018	UM 237	0 22 1.37	0 24 35.37	18			2.77			446	446				
O		1 50 10.3	2 6 47.2							2043	2043				
0022–013		0 22 8.76	0 24 42.39	18.6			1.091			2043	2043				2043B(J)mag
O		–1 20 23.4	–1 3 46.5												
0022+002		0 22 10.30	0 24 44.12	16.9			0.404			2043	2043				2043B(J)mag
O		0 15 43.3	0 32 20.1												
0022+025		0 22 24.3	0 24 58.39	18.8			1.490			2216	2216				
O		2 31 33	2 48 9.7							2274	2274				
0022–016		0 22 50.44	0 25 24.02	18.3			0.776			2043	2043				2043B(J)mag
O		–1 40 23.6	–1 23 47.1												
0023+001		0 23 3.50	0 25 37.31	18.6			1.902			2043	2043				2043B(J)mag
O		0 10 46.7	0 27 23.1												
0023–005		0 23 6.47	0 25 40.19	18.5			1.354			2043	2043				2043B(J)mag
O		–0 32 8.4	–0 15 32.0												
0023–418		0 23 34.8	0 26 2.14	19.3 *			2.22	H I 1216		478	478	478			846rnd
O		–41 50 16	–41 33 39.6					N V 1240							
								C IV 1549							
0023+009		0 23 46.96	0 26 20.87	18.7			0.274			2043	2043				2043B(J)mag
O		0 58 40.6	1 15 16.7												
0023+024		0 23 47.89	0 26 21.99	18.4			0.236			2043	2043				2043B(J)mag
O		2 28 5.0	2 44 41.1												
0023+168	PC	0 23 50.2	0 26 26.21	19.83			0.959	Mg II 2798		1517	1517				
O		16 53 1	17 9 37.0												
0024+033	UM 35	0 24 27.9	0 27 2.13	17			(2.42)	H I 1216		444	444				853rnd
O		3 23 2	3 39 37.7					C IV 1549							
0024+224	NAB	0 24 38.44	0 27 15.35	16.57	.33	–.69	1.108*	C IV 1549	1.109	016	016		850	560	705,1202pol,
C		22 25 22.7	22 41 58.2					He II 1640			009		921	1873	921,992ir,
R								C III 1909			2251		1165	2228	921phot,
								Mg II 2798					1586	2263	1028mm
0024+003		0 24 43.57	0 27 17.40	18.0			1.228			2043	2043				2043B(J)mag
O		0 20 46.6	0 37 22.2												
0024+046	UM 36	0 24 50.9	0 27 25.30	18.4 *			2.06	C III 1909		444	853	752			853rnd
O		4 37 54	4 54 29.5					Mg II 2798			480				
0025–018	UM 245	0 25 0.27	0 27 33.81	18			2.08			446	2043				4.0arcmin from
O	PB 5963	–1 51 28.4	–1 34 52.9							2043					NGC 120,2118
0025+018		0 25 11.62	0 27 45.66	18.5			0.860			2043	2043				2043B(J)mag
O		1 52 7.4	2 8 42.8												
0025+001		0 25 18.64	0 27 52.45	18.5			0.205			2043	2043				2043B(J)mag
O		0 9 39.7	0 26 15.0												
0025–018		0 25 53.87	0 28 27.40	18.7			0.939			2043	2043				2043B(J)mag
O		–1 50 41.9	–1 34 6.9												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0025-006 O		0 25 57.27 -0 40 38.1	0 28 30.97 -0 24 3.1	18.6			0.17			2043	2043				2043B(J)mag
0026+019 O		0 26 10.25 1 58 46.5	0 28 44.32 2 15 21.4	18.2			1.894			2043	2043				2043B(J)mag
0026-000 O		0 26 22.17 -0 2 35.9	0 28 55.95 0 13 58.9	18.3			1.604			2043	2043				2043B(J)mag
0026+205 R		0 26 28.34 20 35 1.4	0 29 5.17 20 51 36.0	19.5			1.985	H I 1216 Si IV 1397 C IV 1549		476	476				
0026+129 C X R	PG MC 3	0 26 38.07 12 59 29.6	0 29 13.73 13 16 4.2	15.41	.29	-.78	0.142	O II 3727 H I 4340 H I 4861 O III 4959 O III 5007		017	017		850 921 1165 1340 2011		017,1451ubv, 705,1202pol, 1028,1382mm, 1214elp, 853rnd,594, 595,956, 1117sp,780, 799,921,992, 1319,1617, 1729,1963, 2005ir,696, 912,1183,1487, 1781,2112x, 921,1018phot, 1420, 2100FeIIem, 1820mf, 1536ext,1941, 2061uv, 1942uvvar 5.6 arcmin from spiral gal,0.0058zgal 1650,2118, faint gals near,2118; em line var, 1763
0026-016 O		0 26 51.67 -1 36 34.7	0 29 25.23 -1 20 0.2	18.3			0.322			2043	2043				2043B(J)mag
0026-392 O		0 26 52.1 -39 15 49	0 29 19.23 -38 59 14.2	19.2			1.95	H I 1216 N V 1240 C IV 1549		478	478				846rnd
0027+018 O	UM 247 PB 5994	0 27 18.05 1 49 30.2	0 29 52.11 2 6 4.5	18.9			2.333	H I 1216 C IV 1549 He II 1640 C III 1909		446 2043	646 480 2043 2251				5.0arcmin from NGC 132,2118
0027-022 O		0 27 27.7 -2 14 18	0 30 1.16 -1 57 43.8	18.8			1.588			2216 2274	2216 2274				z in 2274 differs(1.579)
0027+002 O	UM 248	0 27 31.3 0 12 13.5	0 30 5.12 0 28 47.7	19.4			(1.97)	H I 1216 C IV 1549		446	446				pos & B(J)mag, 2274
0027-289 O	QSO 2	0 27 32 -28 58 54	0 30 1.16 -28 42 19.7	19.36			1.6	C III 1909 Mg II 2798		1774	1774				34arcsec SW of QSO1,26arcsec, 45arcsec from anon gals,2118 1774uv excess
0027+010 O		0 27 34.20 1 3 36.8	0 30 8.15 1 20 10.9	18.6			2.310+			2043	2043				2043B(J)mag Ly alpha abs
0027-289 O R	QSO 1	0 27 35.1 -28 59 2	0 30 4.25 -28 42 27.7	17.1			0.28	O II 3727 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		1742	1742		2300		1774,1909imag, 1742Jmag IRAS source, 1742; gals nearby, 1774,2118; 11 arcsec & 23 arcsec from anon gals,2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0027+009	UM 249	0 27 40.00	0 30 13.93	18.6			1.46	C IV 1549		446	480				
O		0 57 29.7	1 14 3.8							2043	2043				
0027+052	UM 42	0 27 47.3	0 30 21.87	18.4 *			2.26	H I 1216		444	480	752			853rnd
O		5 14 18	5 30 52.0					C IV 1549							
0027–186	UM 664	0 27 51.2	0 30 22.14	18.2			2.55 +	H I 1216		1025	1025				1025,1208BAL
O		–18 36 42	–18 20 7.9					N V 1240							
								C IV 1549							
0027–426	PKS	0 27 51.58	0 30 17.59	19.0			1.66	C IV 1549		031	1302		387		
R		–42 41 20.5	–42 24 46.3					C III 1909					1966		
0028–015	UM 250	0 28 2.60	0 30 36.16	17.6			0.67	Mg II 2798		446	1025				1042pos
O		–1 31 17.6	–1 14 43.7							2043	2043				
0028+026		0 28 11.06	0 30 45.24	17.9			2.007			2043	2043				2043B(J)mag
O		2 36 54.1	2 53 27.9												
0028–018	UM 251	0 28 25.85	0 30 59.37	18			2.12	H I 1216		446	446				
O		–1 48 23.4	–1 31 49.7					C IV 1549		2043	2043				
0028–010		0 28 27.23	0 31 0.87	18.4			0.543			2043	2043				2043B(J)mag
O		–1 1 5.4	–0 44 31.7												
0028+004		0 28 27.50	0 31 1.36	18.5			0.963			2043	2043				2043B(J)mag
O		0 26 55.6	0 43 29.2												
0028–130	UT	0 28 29.4	0 31 1.18	18.0			0.51	Mg II 2798		1437	1437				
R		–13 5 23	–12 48 49.3					Ne V 3426							
								H I 4340							
0028+002	UM 252	0 28 57.67	0 31 31.51	18			1.732	Si IV 1397		446	1020				
O		0 17 46.1	0 34 19.5					O IV 1402		2043	446				
								C IV 1549			2043				
								C III 1909							
0029+002	UM 253	0 29 1.76	0 31 35.60	18			2.222*	H I 1216	2.0251	446	1020			184	1208BAL,
O		0 17 46.7	0 34 20.0					N V 1240	2.0082	2043	446			1020	1479sp
								Si IV 1397	1.9984	2274	2043			1510	62 arcsec from
								O IV 1402	1.7334		2274			2228	UM 252,1020
								C IV 1549	1.2667					2263	
								C III 1909							
								Mg II 2798							
0029–414	PKS	0 29 1.9	0 31 27.95	17.82	.57	–.67	0.896*	C III 1909	0.781	103	493		387	493	761,1304sp,
R		–41 24 47	–41 8 13.4					Mg II 2798					1966	761	1485ubv,
								O III 3133						2228	1617ir
								Ne V 3426						2263	
0029–018		0 29 2.99	0 31 36.49	18.7			2.383			2043	2043				2043B(J)mag
O		–1 52 55.7	–1 36 22.4												
0029–121	UM 665	0 29 10.8	0 31 42.69	18.0			2.65	H I 1216		1025	1025				
O	PB 8312	–12 9 19	–11 52 45.7					N V 1240							
								C IV 1549							
0029+073		0 29 43.35	0 32 18.31	18.4			3.262*	O VI 1034	3.1970	1440	1874			1440	1440BAL
O		7 22 0.8	7 38 33.7					H I 1216	2.9038		1440			1874	Ly limit abs,
								N V 1240	2.8734		2281			2228	z=3.059,1874,
								Si IV 1397	2.7982					2263	2125;
								O IV 1402	2.6499						
								C IV 1549	2.4376						
									1.4035						
									1.1760						
0030+034	UM 45	0 30 31.0	0 33 5.34	18.4			1.99	H I 1216		444	480				853rnd,1617ir
O	PB 6024	3 24 51	3 41 23.4					C IV 1549							
0031+035	UM 46	0 31 2.8	0 33 37.18	19			2.31	H I 1216		444	480		853		
O		3 34 28	3 51 0.1					C IV 1549					866		
R													2162		
0031–077		0 31 12.6	0 33 45.12	18.5	–.40		0.388			1314	1314				1209imag,
X		–7 42 26	–7 25 53.9												1209ubv
0031–076	PB 8357	0 31 40.8	0 34 13.31	17.9	–.10		0.291			1265	1265				1265ubv,1209,
X		–7 38 14	–7 21 42.2												1630imag,
															1314x,1033ir

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0031–707 R X	MC 4	0 31 58.5 –70 42 26.4	0 34 5.07 –70 25 54.4	15.5			0.363				1651				
0032–073 X	PB 8364	0 32 8.8 –7 22 50	0 34 41.34 –7 6 18.5	18.0	.10		0.752	Mg II 2798		1314	1314				1033ir
0032–086 C	NGC 157 BSO 1	0 32 14 –8 40 18	0 34 46.31 –8 23 46.6	19			0.756				540				29 arcmin from NGC 157, 1.98 arcmin from anon gal,2118
0032–014 O	UM 259	0 32 18.3 –1 27 57	0 34 51.84 –1 11 25.7	17			(1.85)	Si IV 1397 N IV 1488 C IV 1549		446	446				
0032–413 O		0 32 21 –41 20 58	0 34 46.23 –41 4 26.4	18.9			1.54			478	478				846rnd
0032+423 R	4C 42.01 5C3.20 OB 453 OA 29	0 32 23.33 42 21 49.3	0 35 6.08 42 38 20.3	18.3			1.588+	C IV 1549 He II 1640 O III 1663 C III 1909 Mg II 2798		018	018		1818 1891	018	1818pos
0032–424 O		0 32 57.7 –42 29 29	0 35 22.42 –42 12 57.8	18.9			2.34	H I 1216 N V 1240 C IV 1549		478	478				846rnd
0033+156 R	MC 3	0 33 19.11 15 36 47.1	0 35 55.72 15 53 17.7	18			1.16	C IV 1549 He II 1640 C III 1909 Mg II 2798		1111	019		1111		
0033+183 R	3CR 14	0 33 29.30 18 21 28.4	0 36 6.45 18 37 58.8	20			1.469	C III 1909 C II 2326 Ne IV 2424 Mg II 2798		064 400 424	1296		1295 1804 2013		1617ir 1795,1796rpol jet,
0033+079 R	4C 08.04 OB 056 PB 6060	0 33 40.96 7 58 34.0	0 36 16.18 8 15 4.4	18.5			1.578	C IV 1549 C III 1909		078	009		1818 1891		1818pos
0033+098 R	4C 09.01 OB 057	0 33 48.26 9 51 28.9	0 36 23.83 10 7 59.2	17.5			1.909	H I 1216 Si IV 1397 C IV 1549 C III 1909 Mg II 2798		009	009 2251		1297		
0034–331 O		0 34 12.0 –33 8 0	0 36 39.09 –32 51 29.7	17.8			2.18	H I 1216 N V 1240 C IV 1549		1431	1431				
0034+024 O	UM 52	0 34 27.8 2 27 37	0 37 2.04 2 44 6.9	18 *			(2.27)	H I 1216 C IV 1549		444	444	752			853rnd 8.28 arcmin from NGC 164, 2118
0034+393 R	5C3.44	0 34 54.4 39 21 42	0 37 36.85 39 38 11.3	17.95*	.23	–.78	(1.937)	Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909		021	020 805	806			021,022ubv, 1513elp
0035+238 R	PKS CTD 5 VR23.00.03 OB 258	0 35 19.2 23 50 41	0 37 57.70 24 7 10.2	19			2.27			686	023		023 086		1526vlbi
0035–422 O		0 35 45.3 –42 13 55	0 38 9.38 –41 57 25.7	18.7			2.62	H I 1216 N V 1240 C IV 1549		1431	1431				
0035–252 R	PKS	0 35 45.96 –25 15 31.2	0 38 14.69 –24 59 2.0	17.5			1.196	C IV 1549 He II 1640 C III 1909		762	1251		1251 1966		

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0035–002 O	UM 261 PB 6070	0 35 50.1 –0 16 53	0 38 23.84 –0 0 24.0	18			(1.67)	C IV 1549 He II 1640 C III 1909		446	446				
0036–392 R	PKS	0 36 2.3 –39 16 13	0 38 27.28 –38 59 43.9	16.29	.73	–.53	0.596	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 NeIII 3968 H I 4102 H I 4340		025	2151 024		387 1966		761,1304, 2151sp,886ir, 1485ubv, 1526vlbi
0036–404 O	MD6:1	0 36 33.40 –40 28 12.9	0 38 57.87 –40 11 44.2	20.4			2.50	H I 1216 N V 1240		1948	1948				1948phot mag
0036–355 O		0 36 36.0 –35 35 0	0 39 1.96 –35 18 31.3	19.2			1.86	H I 1216 N V 1240 C IV 1549		1431	1431				
0036–398 O	MD6:2	0 36 38.67 –39 53 59.9	0 39 3.30 –39 37 31.2	17.7			0.45	Mg II 2798		1948	1948				1948phot mag
0036–389 O	MD6:3	0 36 49.68 –38 57 14.0	0 39 14.57 –38 40 45.5	20.2			2.26	H I 1216 O IV 1402		1948	1948				1948phot mag
0036–428 O	MD6:4	0 36 56.87 –42 52 34.2	0 39 20.41 –42 36 5.7	20.0			1.59	C IV 1549 C III 1909		1948	1948				1948phot mag
0037–018 O X	UM 264	0 37 44.8 –1 53 50	0 40 18.22 –1 37 22.4	18			2.34	H I 1216		446	1550 446				1488x
0037–019 X	1E	0 37 44.9 –1 57 27.2	0 40 18.31 –1 40 59.6	17.73			0.296	He 3970 H I 4102 H I 4340 H I 4861		1233	1233				
0037–396 O	MD6:5	0 37 46.73 –39 39 41.0	0 40 11.17 –39 23 13.2	19.4			1.44	C IV 1549 C III 1909		1431 1948	1431				z in 1948 differs (2.10)
0037–418 O	MD6:6	0 37 47.11 –41 48 54.3	0 40 10.81 –41 32 26.5	18.3			1.27	C IV 1549 C III 1909		1948	1948				1948phot mag
0038+327 X	1E	0 38 1.1 32 42 1.8	0 40 42.24 32 58 28.9	18.06			0.197	H I 4861		1233	1233				11.93 arcmin from 3C 19, 2118
0038–012 O	UM 265	0 38 7.8 –1 12 3	0 40 41.36 –0 55 35.7	18			(2.13)	H I 1216 C IV 1549		446	446				
0038–384 O	MD6:7	0 38 14.53 –38 28 43.9	0 40 39.25 –38 12 16.4	19.6			2.01	H I 1216 C IV 1549		1948	1948				1948phot mag
0038–399 O	MD6:8	0 38 15.76 –39 54 59.0	0 40 40.00 –39 38 31.5	19.9			1.21	C IV 1549		1948	1948				1948phot mag
0038–398 O	MD6:9	0 38 16.57 –39 53 30.9	0 40 40.81 –39 37 3.4	18.8			2.31	H I 1216 N V 1240 C IV 1549		1431 1948	1431 1948				1.47 arcmin from QSO 003815.76 –395459.0, 1948
0038–372 O	MD6:10	0 38 19.72 –37 15 49.9	0 40 44.81 –36 59 22.5	20.6			2.50	H I 1216		1948	1948				1948phot mag
0038–396 O	MD6:11	0 38 22.49 –39 36 44.0	0 40 46.81 –39 20 16.6	18.0			2.37	H I 1216 N V 1240 C IV 1549		1431 1948	1431 1948				
0038–020 R X	PKS PB 6091	0 38 23.8 –2 2 54	0 40 57.19 –1 46 26.9	18.5			1.178	C IV 1549 C III 1909 Mg II 2798		026	026 436		789		1195,1686, 1980x, 1526vlbi 7.17 arcmin from UGC 0439, 29.73 arcmin from NGC 227, 2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0038–406 O		0 38 25.6 –40 41 42	0 40 49.53 –40 25 14.7	19.1			2.96 +	H I 1216 N V 1240 C IV 1549		1431	1431			1431	
0038–396 O	MD6:12	0 38 30.43 –39 37 44.1	0 40 54.71 –39 21 16.8	20.3			2.22	H I 1216 C IV 1549		1948	1948				1948phot mag 1.86 arcmin from 003822.49 –393644.0,1948
0038+328 X	1E	0 38 44.9 32 51 22.3	0 41 26.22 33 7 48.9	18.52			0.225	H I 4861 H I 6563		1233	1233				
0038–401 O	MD6:13	0 38 46.02 –40 6 52.6	0 41 10.07 –39 50 25.5	19.7			1.94	H I 1216 C IV 1549		1948	1948				1948phot mag
0038–019 R X	PKS 4C 02.04 OB 065 UM 266 1E PB 6098	0 38 52.62 –1 59 42.7	0 41 26.01 –1 43 16.0	16.86			1.674*	H I 1216 Si IV 1397 C IV 1549 He II 1640 O III 1663 C III 1909 Mg II 2798	1.1577	293 1233	044 436 446 480 1233 2281	2174	789 866 1818 1891	2049 2263	1201pol, 1320rpol,1195, 1233,1488, 1686x,1818pos, 446fc 1.2arcmin from UGC 0439,0.017 zgal,14.4vgal, 1696,2118, v=18.5, 2049 z=1.672
0039–362 O		0 39 2 –36 12 0	0 41 27.27 –35 55 33.1	19.0			1.474	C IV 1549 C III 1909		1247	1247				
0039–425 O	MD6:14	0 39 3.06 –42 30 46.4	0 41 26.18 –42 14 19.5	19.9			2.21	H I 1216 C IV 1549		1948	1948				1948phot mag
0039–395 O	MD6:15	0 39 20.55 –39 30 52.2	0 41 44.67 –39 14 25.6	18.6			1.64	O IV 1402 C IV 1549 C III 1909		1948	1948				1948phot mag
0039–397 O	MD6:16	0 39 22.60 –39 47 59.1	0 41 46.61 –39 31 32.5	18.6			1.46	C IV 1549 C III 1909		1948	1948				1948phot mag
0039–386 O	MD6:17	0 39 26.15 –38 36 35.9	0 41 50.56 –38 20 9.3	19.8			1.74	H I 1216 C III 1909		1948	1948				1948phot mag
0039+568 R	OB 565	0 39 27.42 56 52 10.2	0 42 19.45 57 8 36.1	18			1.141	C III 1909 Mg II 2798 Ne V 3426 O II 3727 NeIII 3869			027				
0039–400 O		0 39 34.0 –40 4 20	0 41 57.87 –39 47 53.5	19.2			(2.91)+	H I 1216 N V 1240		1431	1431			1431	
0039–396 O	MD6:18	0 39 35.89 –39 38 12.8	0 41 59.91 –39 21 46.4	18.4			1.87	H I 1216 O IV 1402		1948	1948				1948phot mag
0039–265 O	MD1:1	0 39 36.33 –26 30 31.3	0 42 4.23 –26 14 4.9	17.5			1.803	H I 1216 C IV 1549 He II 1640		1650 1948	1650 1948				93 arcmin from NGC 253, 1650,2118
0039–283 O	MD1:2	0 39 41.15 –28 22 50.5	0 42 8.55 –28 6 24.2	19.9			1.90	H I 1216 C IV 1549		1948	1948				1948phot mag
0039–031 O	UM 666 PB 8484	0 39 42.8 –3 10 23	0 42 15.94 –2 53 56.9	18.5			2.74	H I 1216 N V 1240 C IV 1549		1025	1025				
0039–403 O	MD6:19	0 39 43.64 –40 21 59.8	0 42 7.37 –40 5 33.4	18.9			1.93	H I 1216		1948	1948				1948phot mag
0039–274 O		0 39 50.0 –27 27 29	0 42 17.62 –27 11 2.8	18.6			1.407			2274	2274				
0039–304 C	S27	0 39 53.09 –30 27 33.8	0 42 19.89 –30 11 7.6	19.81			2.21	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0040–279 C	S77	0 40 12.21 –27 58 26.4	0 42 39.64 –27 42 0.5	19.02			3.23	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0040–397	MD6:20	0 40 13.19	0 42 37.01	19.9			2.25	H I 1216		1431	1431				
O		–39 47 12.1	–39 30 46.1					N V 1240		1948	1948				
								C IV 1549							
0040–261	MD1:3	0 40 14.24	0 42 42.15	19.4			2.47	H I 1216		1948	1948				1948phot mag
O		–26 6 35.1	–25 50 9.2					C IV 1549							
0040–339		0 40 18.0	0 42 43.71	19.2			2.06	H I 1216		1431	1431				
O		–33 56 0	–33 39 34.1					N V 1240							
								C IV 1549							
0040–370		0 40 19	0 42 43.73	18.8			2.723	H I 1216		1247	1247				1431sp
O		–37 3 0	–36 46 34.1					N V 1240							
								C IV 1549							
0040–276	MD1:4	0 40 19.51	0 42 47.01	19.7			2.43	H I 1216		1948	1948				1948phot mag
O		–27 37 25.7	–27 20 59.9					C IV 1549							
0040–017	UM 268	0 40 21.9	0 42 55.34	18			(1.66)	C IV 1549		446	446				7.18 arcmin
O		–1 42 2	–1 25 36.4					C III 1909							from NGC 227,
															2118
0040–283	S34	0 40 33.13	0 43 0.40	18.8			2.34	H I 1216		1948	1948				1948phot mag
O	MD1:5	–28 22 12.0	–28 5 46.4					C IV 1549		2187	2187				
0040–304		0 40 33.2	0 42 59.90	18.0			0.609			2274	2274				
O		–30 24 8	–30 7 42.4												
0040–391	MD6:21	0 40 37.79	0 43 1.72	19.2			1.88	H I 1216		1948	1948				1948phot mag
O		–39 11 10.2	–38 54 44.6												
0040–428	MD6:22	0 40 39.47	0 43 2.03	20.2			2.07	H I 1216		1948	1948				1948phot mag
O		–42 52 26.1	–42 36 0.5					He II 1640							
0040–303	S64	0 40 40.93	0 43 7.62	19.66			3.03	H I 1216		2187	2187				2187m(or)
C		–30 23 9.4	–30 6 43.9					N V 1240							
								C IV 1549							
0040–296	MD1:6	0 40 41.37	0 43 8.27	19.6			2.19	H I 1216		1948	1948				1948phot mag
O		–29 37 46.1	–29 21 20.6					C IV 1549							
0040–292	MD1:7	0 40 41.51	0 43 8.50	17.7			2.087	H I 1216		1948	1948				1948phot mag
O		–29 17 21.7	–29 0 56.2					C IV 1549			LBQS				
0040–383	MD6:23	0 40 43.52	0 43 7.73	19.8			2.16	H I 1216		1948	1948				1948phot mag
O		–38 19 56.8	–38 3 31.2					O IV 1402							
0040–302	MD1:8	0 40 43.58	0 43 10.29	19.9			2.84	H I 1216		1948	1948				1948phot mag
O		–30 15 45.7	–29 59 20.2					C IV 1549							
0040–302	MD1:9	0 40 44.21	0 43 10.92	20.4			2.15	H I 1216		1948	1948				1948phot mag
O		–30 15 14.4	–29 58 48.9												0.54 arcmin
															from 004043.55
															–301545.7,1948
0040–414	MD6:24	0 40 44.42	0 43 7.52	19.5			1.53	O IV 1402		1948	1948				1948phot mag
O		–41 25 14.6	–41 8 49.0												
0040–384	MD6:25	0 40 44.97	0 43 9.12	20.2			2.63	H I 1216		1948	1948				1948phot mag
O		–38 28 35.6	–38 12 10.1												
0040+005	UM 269	0 40 45.9	0 43 19.82	18			(2.00)	H I 1216		446	446				9.7arcmin from
O		0 34 51	0 51 16.3												NGC 223,2118
0040–293		0 40 46.3	0 43 13.27	18.4			0.624			2274	2274				
O		–29 19 40	–29 3 14.5												
0040–291	MD1:10	0 40 47.70	0 43 14.71	20.0			2.29	H I 1216		1948	1948				1948phot mag
O		–29 10 25.5	–28 54 0.1												
0040–395	MD6:26	0 40 58.69	0 43 22.43	19.5			1.70	C IV 1549		1948	1948				1948phot mag
O		–39 30 43.3	–39 14 17.9					C III 1909							
0041–266		0 41 0	0 43 27.68				3.045*		2.7576		2059			2059	
O		–26 36 0	–26 19 34.7						2.7413					2125	
									2.3392					2228	
									2.2659					2263	
									0.8626						

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0041+001	PKS	0 41 0	0 43 33.83	19.28			1.127	C IV 1549		026	436		351		
R		0 8 30	0 24 55.1					C III 1909					1976		
								Mg II 2798							
0041–403	MD6:27	0 41 4.66	0 43 28.05	18.9			2.50 +	H I 1216		1431	1431				1431BAL
O		–40 23 58.0	–40 7 32.7					N V 1240		1948	1948				
								C IV 1549							
0041–307	MD1:11	0 41 7.96	0 43 34.46	19.9			2.42	H I 1216		1948	1948				1948phot mag
O		–30 45 28.7	–30 29 3.5					C IV 1549							
0041–384	MD6:28	0 41 9.25	0 43 33.32	19.9			1.28	C IV 1549		1948	1948				1948phot mag
O		–38 27 3.5	–38 10 38.3												
0041–262	S20	0 41 10.67	0 43 38.42	19.56			(1.72)			2187	2187				2187m(or)
C		–26 12 50.3	–25 56 25.2												
0041–400	MD6:29	0 41 10.92	0 43 34.42	19.4			1.94	H I 1216		1948	1948				1948phot mag
O		–40 2 49.7	–39 46 24.5												
0041–303	MD1:12	0 41 13.06	0 43 39.67	19.5			2.08	H I 1216		1948	1948				1948phot mag
O		–30 21 14.6	–30 4 49.5												
0041–378	MD6:30	0 41 13.74	0 43 38.00	18.4			1.07	C III 1909		1948	1948				1948phot mag
O		–37 50 19.0	–37 33 53.8												
0041–395	PKS	0 41 13.87	0 43 37.55	20.0			1.69	H I 1216		1302	1302		387		
R		–39 30 40.3	–39 14 15.1					Si IV 1397							
								O IV 1402							
								C IV 1549							
								C III 1909							
0041–266		0 41 15.16	0 43 42.79	17.79			3.04			2186	2186				
C		–26 38 35.2	–26 22 10.1							2274	2274				
0041–261	MD1:13	0 41 17.10	0 43 44.86	19.0			2.45	H I 1216		1948	1948				1948phot mag
O		–26 8 26.8	–25 52 1.8												
0041–406	MD6:31	0 41 18.11	0 43 41.35	19.8			1.63	C IV 1549		1948	1948				1948phot mag
O		–40 40 16.1	–40 23 51.0					C III 1909							
0041–309	S54	0 41 18.87	0 43 45.30	19.39			2.83	H I 1216		2187	2187				2187m(or)
C		–30 54 4.5	–30 37 39.5					N V 1240							
								C IV 1549							
0041–263	MD1:14	0 41 19.56	0 43 47.25	19.2			2.17	H I 1216		1948	1948				1948phot mag
O		–26 22 45.0	–26 6 20.0					C IV 1549							
0041–307	MD1:15	0 41 21.78	0 43 48.24	20.7			2.23	H I 1216		1948	1948				1948phot mag
O		–30 47 16.5	–30 30 51.5					C IV 1549							3.51 arcmin
															from 004107.96
															–304528.7,1948
0041–287		0 41 24.21	0 43 51.24	18.74			0.839			2186	2186				
C		–28 44 5.6	–28 27 40.7							2274	2274				
0041–271		0 41 24.36	0 43 51.83	17.4			2.783	C IV 1549		1440	1440				
O		–27 7 53.3	–26 51 28.4							2186					
0041–290		0 41 28.6	0 43 55.53	17.9			0.674			2274	2274				
O		–29 4 16	–28 47 51.1												
0041–379	MD6:32	0 41 30.57	0 43 54.74	19.6			1.59	C IV 1549		1948	1948				1948phot mag
O		–37 56 8.6	–37 39 43.7					C III 1909							
0041–261	MD1:16	0 41 31.13	0 43 58.86	17.4	–.10		2.501	LYB 1026		1287	1287				58 arcmin from
O		–26 7 40.9	–25 51 16.1					O VI 1034		1948	1948				NGC 253,1650,
								H I 1216							2118;3.2arcmin
								Si IV 1397							from QSO
								O IV 1402							004117.10
								C IV 1549							–260826.8,
															1948
0041–269	MD1:17	0 41 38.39	0 44 5.87	18.5			2.457	H I 1216		1948	1948				1948phot mag
O		–26 58 29.0	–26 42 4.3					C IV 1549			LBQS				
0041–289	MD1:18	0 41 40.93	0 44 7.85	17.9			2.134	H I 1216		1948	1948				1948phot mag
O		–28 59 35.0	–28 43 10.3					C IV 1549							

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0041-398 O	MD6:33	0 41 42.54 -39 48 51.1	0 44 6.00 -39 32 26.3	20.3			1.92	H I 1216		1948	1948				1948phot mag
0041-293 O	MD1:19	0 41 46.63 -29 21 13.3	0 44 13.43 -29 4 48.6	19.0			2.08	H I 1216 C IV 1549		1948	1948				1948phot mag
0041-307 O	MD1:20	0 41 52.17 -30 45 47.6	0 44 18.55 -30 29 23.0	20.5			2.90	H I 1216		1948	1948				1948phot mag
0041-294 O	MD1:21	0 41 57.67 -29 26 50.7	0 44 24.41 -29 10 26.2	20.0			2.01	H I 1216 C IV 1549		1948	1948				1948phot mag
0041-290 O	MD1:22	0 41 58.03 -29 4 23.5	0 44 24.88 -28 47 59.0	19.1			1.18	C IV 1549 C III 1909		1948	1948				1948phot mag
0041+119 R	MC 2	0 41 58.52 11 54 47.5	0 44 34.97 12 11 11.7	19			0.228	O II 3727 H I 4340 H I 4861 O III 4959 O III 5007 H I 6563		1111	415		1111 1171		1884imag gals near,2118
0042-248 O		0 42 0.1 -24 50 42	0 44 28.10 -24 34 17.6	17.3	.10		0.807	C III 1909 Mg II 2798		1287	1287				59 arcmin from NGC 253, 1650
0042-387 O	MD6:34	0 42 4.01 -38 43 59.2	0 44 27.77 -38 27 34.7	18.9			1.59	C IV 1549 C III 1909		1948	1948				1948phot mag
0042-264 O		0 42 6.39 -26 27 44.7	0 44 33.95 -26 11 20.3	17.67			3.298*	H I 1216 N V 1240	3.2921 3.2374 3.1466 2.4758 2.0298	218 1482 2059	2059 1482 1622			2059 2125 2228 2263	1847ir Ly limit abs 2247
0042-291 O		0 42 7.5 -29 8 15	0 44 34.31 -28 51 50.6	18.4			1.250			2274	2274				
0042-266 C	S61	0 42 8.22 -26 39 24.8	0 44 35.72 -26 23 0.5	19.46			2.98	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0042-298 O	MD1:23	0 42 12.65 -29 52 22.4	0 44 39.23 -29 35 58.1	19.3			2.06	H I 1216 C IV 1549		1948	1948				1948phot mag
0042-258 O		0 42 17.1 -25 50 37	0 44 44.80 -25 34 12.8	18.3			0.454			2274	2274				
0042-278 O	MD1:24	0 42 19.83 -27 50 51.7	0 44 46.97 -27 34 27.5	19.2			1.49	C IV 1549 C III 1909		1948	1948				1948phot mag
0042+101 R	MC 2	0 42 22.66 10 10 29.7	0 44 58.73 10 26 53.6	18			0.583	Mg II 2798 O III 3133 Ne V 3426 NeIII 3869 H I 4861 O III 4959 O III 5007		1111	019		1111		1188sp
0042-269 C	S80	0 42 24.86 -26 56 33.5	0 44 52.24 -26 40 9.4	18.29			3.33	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0042-278 O		0 42 26.9 -27 50 21	0 44 54.02 -27 33 56.9	18.2			0.741			2274	2274				
0042-263 O	MD1:25	0 42 33.13 -26 22 6.1	0 45 0.65 -26 5 42.1	18.7			2.38	H I 1216 C IV 1549		1948	1948				1948phot mag
0042-391 O	MD6:35	0 42 35.49 -39 10 6.2	0 44 58.97 -38 53 42.2	19.4			1.34	C IV 1549 C III 1909		1431 1948	1431				z in 1948 differs (1.99)
0042-308 O		0 42 35.7 -30 53 28	0 45 1.92 -30 37 4.0	18.5			1.974			2274	2274				
0042-297 O	MD1:26	0 42 38.08 -29 44 43.1	0 45 4.63 -29 28 19.2	19.2			2.05	H I 1216 C IV 1549		1948	1948				1948phot mag
0042-295 O	MD1:27	0 42 41.97 -29 30 56.9	0 45 8.58 -29 14 33.0	17.7			2.388	H I 1216 C IV 1549		1948	1948 LBQS				1948phot mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0042–375 O	MD6:36	0 42 43.03 –37 34 52.2	0 45 7.06 –37 18 28.3	20.2			2.09	H I 1216		1948	1948				1948phot mag
0042–267 C	S51	0 42 43.95 –26 42 14.7	0 45 11.35 –26 25 50.9	19.71			(2.81)	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0042–272 O	MD1:28	0 42 44.12 –27 14 55.6	0 45 11.37 –26 58 31.8	19.8			2.34	H I 1216 C IV 1549		1948	1948				1948phot mag
0042+019 O	UM 273	0 42 45.4 1 59 7	0 45 19.64 2 15 30.6	18			(1.36)	C IV 1549 N III 1750		446	446				
0042–398 O	MD6:37	0 42 47.34 –39 53 37.8	0 45 10.51 –39 37 13.9	19.0			2.26	H I 1216 N V 1240 C IV 1549		1431 1948	1431 1948				
0042–288 O	MD1:29	0 42 48.63 –28 52 0.5	0 45 15.41 –28 35 36.7	19.3			2.05	H I 1216 C IV 1549		1948	1948				1948phot mag
0042–386 O	MD6:38	0 42 50.60 –38 36 4.9	0 45 14.23 –38 19 41.1	18.8			1.55	C IV 1549 C III 1909		1431 1948	1431 1948				
0042–269 O	MD1:30	0 42 52.27 –26 57 14.3	0 45 19.58 –26 40 50.6	19			2.90	LYB 1026 O VI 1034 H I 1216	+	911 1948 2186	911 765 1948			911	765fc
0042–276 C	S39	0 42 55.01 –27 39 38.6	0 45 22.12 –27 23 14.9	18.98			2.43	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0042–274 O	MD1:31	0 42 55.28 –27 29 6.2	0 45 22.43 –27 12 42.5	18.6			0.933			1948 2274	1948 2274				1948phot mag
0042–420 O	MD6:39	0 42 58.76 –42 3 40.8	0 45 21.04 –41 47 17.1	18.3			1.62	C IV 1549 C III 1909		1948	1948				1948phot mag
0043–296 O	S29 MD1:32	0 43 2.15 –29 37 1.5	0 45 28.67 –29 20 37.9	18.6			2.227	H I 1216 C IV 1549		1948 2186	1948 LBQS 2187				1948phot mag
0043–265 C	S84	0 43 3.09 –26 33 33.2	0 45 30.49 –26 17 9.6	18.34			3.44	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0043–274 O	MD1:33	0 43 3.62 –27 28 22.4	0 45 30.76 –27 11 58.8	19.1			1.89	H I 1216 C IV 1549		1948	1948				1948phot mag 1.97 arcmin from 004255.28 –272906.2,1948
0043+388 O		0 43 5.35 38 53 22.3	0 45 49.56 39 9 45.4	18.39	.47	–.79	0.189	Mg II 2798 O III 3133 Ne V 3426 O III 3444 O II 3727 NeIII 3869 H I 3889 NeIII 3968 He 3970 H I 4102 C III 4155 C II 4267 H I 4340 O III 4363 He I 4471 O III 4959 O III 5007		588	587				588ubv, 1194imag
0043+039 C R	PG PB 6151	0 43 10.7 3 54 41	0 45 45.38 4 11 4.2	15.88			0.384	Mg II 2798		1117	1117		2011		1536ext, 1598sp,1729, 2005ir,2112x, 2145imag faint gals nearby,2118
0043–319 O		0 43 12.0 –31 57 0	0 45 37.79 –31 40 36.5	18.3			2.17	H I 1216 N V 1240 C IV 1549		1431	1431				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0043−305 O	MD1:34	0 43 15.26 −30 30 47.4	0 45 41.48 −30 14 24.0	19.1			2.37	H I 1216 C IV 1549		1948 2186	1948				1948phot mag
0043−388 O	MD6:40	0 43 18.10 −38 50 40.4	0 45 41.54 −38 34 16.9	19.6			1.49	C IV 1549		1948	1948				1948phot mag
0043−293 O	MD1:35	0 43 21.64 −29 23 20.3	0 45 48.18 −29 6 57.0	14.8			0.90	C III 1909 Mg II 2798		1948	1948				1948phot mag
0043−277 O		0 43 22.6 −27 43 34	0 45 49.62 −27 27 10.7	18.5			1.049			2274	2274				
0043−381 O	MD6:41	0 43 29.63 −38 6 24.3	0 45 53.30 −37 50 1.0	19.3			1.67	C IV 1549 C III 1909		1948	1948				1948phot mag
0043−267 C	CT 67	0 43 38.40 −26 44 29.9	0 46 5.66 −26 28 6.8	19.3			1.03	C IV 1549 C III 1909		1324	1436 2202				pos & B(J)mag, 2274
0043+008 O X R	UM 275 PHL 6612	0 43 39.5 0 48 3	0 46 13.48 1 4 25.9	17			2.143*	H I 1216 C III 1909 Mg II 2798	2.130 1.944	446	1479 480 725		1213 2162	725 1512 1711 2263	912x,901, 1202pol,1208, 1514BAL, 1941uv z(abs) 2.127− 2.104 and 2.027−1.916, 1512
0043−259 C	S79	0 43 42.18 −25 55 11.2	0 46 9.66 −25 38 48.2	19.06			3.31	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0043−275 C	S85	0 43 48.13 −27 34 14.7	0 46 15.13 −27 17 51.7	20.7			3.46			1739 2186 2187	2186 2187				z incorrectly stated in 1739,2186 pos & B(J)mag, 2274
0043−261 C	S72	0 43 48.15 −26 6 27.1	0 46 15.57 −25 50 4.2	19.55			3.11	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0043−301 O	MD1:36	0 43 49.89 −30 6 32.7	0 46 16.13 −29 50 9.8	18.6			2.25	H I 1216 C IV 1549		1948	1948 LBQS				1948phot mag
0043−307 C	S63	0 43 50.36 −30 45 58.7	0 46 16.40 −30 29 35.8	19.36			(3.02)	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0043−385 O	MD6:42	0 43 51.02 −38 34 4.3	0 46 14.44 −38 17 41.3	19.5			1.44	C IV 1549		1948	1948				1948phot mag
0043−426 O	MD6:43	0 43 54.54 −42 38 36.6	0 46 16.34 −42 22 13.6	20.1			1.91	H I 1216 C IV 1549		1948	1948				1948phot mag
0043−304 O	MD1:37	0 43 55.44 −30 29 24.2	0 46 21.55 −30 13 1.3	18.7			2.17	H I 1216 C IV 1549		1948	1948				1948phot mag
0044−395 O	MD6:44	0 44 2.43 −39 30 41.3	0 46 25.45 −39 14 18.5	19.4			1.84	H I 1216 C IV 1549		1948	1948				1948phot mag
0044−261 C	CT 78	0 44 10.79 −26 11 26.7	0 46 38.13 −25 55 4.1	18.3			0.130	H I 4340 H I 4861 O III 5007 H I 6563		1324	1436 2202				
0044−056 R	4C 05.03 OB 074 PKS	0 44 12.01 −5 38 23.8	0 46 44.51 −5 22 1.4	19			1.869	H I 1216 Si IV 1397 C IV 1549		078	009		1818 1891		1320rpol, 1818pos
0044−390 O	MD6:45	0 44 13.60 −39 1 20.7	0 46 36.76 −38 44 58.0	19.6			1.58	C IV 1549 C III 1909		1948	1948				1948phot mag
0044−264 O	MD1:38	0 44 14.41 −26 28 43.3	0 46 41.66 −26 12 20.7	19.2			2.48	LYB 1026 H I 1216 C IV 1549		1948	1948				1948phot mag
0044−279 O	MD1:39	0 44 19.97 −27 54 56.6	0 46 46.79 −27 38 34.1	18.9			1.88	H I 1216 C IV 1549 He II 1640		1948	1948				1948phot mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0044–281 O		0 44 20.7 –28 7 53.4	0 46 47.45 –27 51 30.9	19.1			1.389	C IV 1549 C III 1909		765	1400				pos & B(J)mag, 2274
0044–298 O		0 44 22.6 –29 51 21	0 46 48.83 –29 34 58.5	18.3			0.207			2274	2274				
0044–209 X	PHL 6625	0 44 23.1 –20 59 52	0 46 51.83 –20 43 29.6	18.8	–.20		0.380			1314	1314				4.0arcmin from NGC 247,1314, 2118
0044–419 O	MD6:46	0 44 29.04 –41 57 40.3	0 46 50.98 –41 41 17.8	20.2			2.06	H I 1216		1948	1948				1948phot mag
0044+030 R X	PKS PG PHL 828	0 44 31.2 3 3 35	0 47 5.71 3 19 57.1	16			0.624	Mg II 2798 O II 3727 H I 4340 H I 4861		028	024 1731		351 1888 2011		704,1202pol, 761,776,958, 1117,1304sp, 958FeIIem, 1487,2112x, 1729,2005ir, 1688imag faint gals nearby,2118
0044–328 O		0 44 36.0 –32 53 0	0 47 1.24 –32 36 37.7	17.7			1.57	C IV 1549 C III 1909		1431	1431				
0044–304 O	MD1:40	0 44 42.99 –30 28 47.3	0 47 8.97 –30 12 25.1	20.4			2.87	H I 1216		1948	1948				1948phot mag
0044–273 C	S75	0 44 43.93 –27 21 3.3	0 47 10.86 –27 4 41.2	19.75			3.16	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0044+015 O	UM 276 PHL 2969	0 44 45.6 1 31 52	0 47 19.76 1 48 13.9	18.3			1.59	C IV 1549		446	480				
0044–412 O	MD6:47	0 44 56.79 –41 14 43.1	0 47 18.90 –40 58 21.0	19.4			1.88	H I 1216		1948	1948				1948phot mag
0044–274 O	MD1:41	0 44 58.83 –27 25 41.6	0 47 25.70 –27 9 19.7	19.0			2.18	H I 1216 C IV 1549		1948	1948				1948phot mag
0045–300 O	CT 92 MD1:42	0 45 4.69 –30 2 51.7	0 47 30.75 –29 46 29.8	18.5			2.021	H I 1216 N V 1240 C II 1335 SiIVb 1400 C IV 1549 He II 1640		1324 1948	1436 1400 1948 2202				
0045–385 O	MD6:48	0 45 7.62 –38 35 22.7	0 47 30.74 –38 19 0.8	20.5			2.03	H I 1216 C IV 1549		1948	1948				1948phot mag
0045+395 BL Lac R	5C3.178	0 45 10.27 39 32 36.2	0 47 55.22 39 48 57.5	18.5 *	1.00	–.90						806			805sp,806ubv, 2112x
0045–417 O	MD6:49	0 45 10.72 –41 44 19.0	0 47 32.57 –41 27 57.1	19.5			2.32	H I 1216 N V 1240 C IV 1549		1431 1948	1431 1948				
0045–392 O	MD6:50	0 45 11.57 –39 14 2.2	0 47 34.43 –38 57 40.4	20.5			2.02	H I 1216		1948	1948				1948phot mag
0045–307 O		0 45 14.4 –30 45 1	0 47 40.21 –30 28 39.3	17.4			0.979			2274	2274				
0045–036 O	UM 667	0 45 17.2 –3 41 32	0 47 50.13 –3 25 10.5	18.6			3.138*	H I 1216 N V 1240 C IV 1549	2.8151 2.6417 2.4810 2.3641	1025	1025 1874			1874 2228 2263	Ly limit abs, z=2.830,1874; damped Ly alpha, z=2.81, 1874,2243
0045–262 O	MD1:43	0 45 17.92 –26 14 1.5	0 47 45.09 –25 57 39.9	19.3			2.35	H I 1216 C IV 1549		1948	1948				1948phot mag
0045–284 O	MD1:44	0 45 25.27 –28 29 23.3	0 47 51.75 –28 13 1.7	19.4			1.95	H I 1216 N V 1240		765 1948	765 1948				
0045–013 O	UM 278	0 45 32.6 –1 19 42	0 48 6.09 –1 3 20.8	18			2.53	O VI 1034 H I 1216		446	1550 446				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0045–429	MD6:51	0 45 33.10	0 47 54.33	19.7			1.82	H I 1216		1948	1948				1948phot mag
O		–42 58 29.0	–42 42 7.5					C IV 1549							
0045–411	MD6:52	0 45 34.98	0 47 56.97	18.8			1.34	C IV 1549		1948	1948				1948phot mag
O		–41 10 13.8	–40 53 52.3					C III 1909							
0045–426	MD6:53	0 45 40.20	0 48 1.55	20.1			2.09	H I 1216		1948	1948				1948phot mag
O		–42 36 49.9	–42 20 28.5												
0045–258		0 45 40.64	0 48 7.87	19.6			2.521*	H I 1216	1.99	765	1400			1400	pos & B(J)mag,
O		–25 51 30.8	–25 35 9.5					N V 1240						2263	2274; damped
								Si IV 1397							Ly alpha, z=
								O IV 1402							1.99,1400
								C IV 1549							
0045–288	MD1:45	0 45 41.03	0 48 7.36	18.9			2.252	H I 1216		765	1400				
O		–28 50 30.4	–28 34 9.1					N V 1240		1948	765				
											1948				
0045–305	MD1:46	0 45 41.55	0 48 7.35	20.2			1.87	H I 1216		1948	1948				1948phot mag
O		–30 32 57.2	–30 16 35.9					C IV 1549							
0045–281	MD1:47	0 45 41.62	0 48 8.18	18.5			1.138	He II 1640		1948	1948				1948phot mag
O		–28 6 21.3	–27 49 60.0					C III 1909			LBQS				
0045–000	PKS	0 45 45.38	0 48 19.18	19.4			1.536	C IV 1549		026	436		351		1818pos
C	PHL 841	–0 1 24.5	0 14 56.5					C III 1909					1527		
R													1818		
0045–261		0 45 45.4	0 48 12.54	18.0			1.242			2274	2274				
O		–26 6 27	–25 50 5.8												
0045+057	UM 70	0 45 45.6	0 48 20.76	19.2			2.16	H I 1216		444	1025				1042pos
O		5 43 7	5 59 28.0					N V 1240							
								C IV 1549							
0045–396	MD6:54	0 45 46.19	0 48 8.76	18.9			1.19	C III 1909		1948	1948				1948phot mag
O		–39 36 55.4	–39 20 34.1												
0045–384	MD6:55	0 45 48.67	0 48 11.69	18.0			2.23	H I 1216		1431	1431				z in 1431
O		–38 26 54.3	–38 10 33.0					C IV 1549		1948	1948				differs (0.40)
															6.37 arcmin
															from NGC 264,
															2118
0045–260	PHL 2981	0 45 49.9	0 48 17.05	18.9			1.64	H I 1216		765	1948				pos & B(J)mag,
O	MD1:48	–26 4 8.7	–25 47 47.5					C IV 1549		1871	765				2274
								He II 1640		1948	1400				
0045–280	MD1:49	0 45 55.3	0 48 21.85	19.7			2.15	H I 1216		765	765				pos & B(J)mag,
O		–28 0 54.4	–27 44 33.3					N V 1240		1948	1948				2274
0045–394	MD6:56	0 45 57.49	0 48 20.08	18.7			1.53	C IV 1549		1948	1948				1948phot mag
O		–39 27 8.3	–39 10 47.1					C III 1909							
0046–282	CT 113	0 46 1.64	0 48 28.11	18.1			1.687	H I 1216		765	1400				
O	MD1:50	–28 12 40.1	–27 56 19.1					N V 1240		1324	765				
	CS 39							O IV 1402		1948	1324				
								C IV 1549			1436				
								C III 1909			1948				
											2202				
0046–290	S07	0 46 2.45	0 48 28.65	18.76			0.84			2187	2187				2187m(or)
C		–29 4 52.9	–28 48 31.9												
0046–293	S91	0 46 3.41	0 48 29.53	21.2			4.008	O VI 1034		1739	1739				2014sp,2014fc
C		–29 19 43.0	–29 3 22.0					H I 1216		2187	2187				pos & B(J)mag,
								Si II 1307							2274
								Si IV 1397							
								O IV 1402							
								C IV 1549							
0046–417	MD6:57	0 46 3.91	0 48 25.54	18.9			1.29	C IV 1549		1948	1948				1948phot mag
O		–41 43 31.7	–41 27 10.6												
0046–355		0 46 6.0	0 48 30.05	18.5			2.17	H I 1216		1431	1431				
O		–35 30 0	–35 13 39.0					N V 1240							
								C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0046-384	MD6:58	0 46 8.27	0 48 31.21	19.4			2.26	H I 1216		1948	1948				1948phot mag
O		-38 28 23.9	-38 12 2.9					C IV 1549							
0046-261		0 46 9.9	0 48 36.96	18.5			0.234			2274	2274				
O		-26 11 39	-25 55 18.1												
0046-251		0 46 13.3	0 48 40.67				1.517	Si IV 1397		765	1400				
O		-25 7 54	-24 51 33.2					O IV 1402							
								C IV 1549							
								C III 1909							
0046-285	CT 120	0 46 18.01	0 48 44.33	17.6			0.632	Mg II 2798		1324	2202				
C		-28 34 0.9	-28 17 40.1					O II 3727			1436				
								H I 3889							
								H I 4102							
								H I 4340							
								H I 4861							
0046-262	MD1:51	0 46 21.41	0 48 48.42	18.7			1.41	C IV 1549		1948	1948				1948phot mag
O		-26 16 41.2	-26 0 20.5					C III 1909							
0046-267	S86	0 46 21.76	0 48 48.64	19.74			3.52	H I 1216		2187	2187				2187m(or)
C		-26 43 25.0	-26 27 4.3					N V 1240							
								C IV 1549							
0046+188		0 46 22	0 49 0.52	19			1.701	H I 1216		476	476				
R		18 51 59	19 8 19.3					C IV 1549							
								He II 1640							
								C III 1909							
0046-067	OB 078	0 46 26.05	0 48 58.22	18			2.063	H I 1216		321	321		321		1818pos
C	PHL 2989	-6 44 49.9	-6 28 29.4					N V 1240			458		1818		
R	PKS							C IV 1549					1891		
	4C 06.04							C III 1909							
0046+154	PHL 847	0 46 34.42	0 49 12.04	17.9	-.10	-.30	1.243	C IV 1549			030				029ubv,459pos,
C		15 24 4.5	15 40 24.7					C III 1909							853rnd
								Mg II 2798							
0046-427	MD6:59	0 46 35.12	0 48 56.19	19.7			2.15	H I 1216		1948	1948				1948phot mag
O		-42 42 36.8	-42 26 16.2					He II 1640							
0046-391	MD6:60	0 46 40.59	0 49 3.16	19.1			1.95	H I 1216		1431	1431				
O		-39 6 16.6	-38 49 56.1					N V 1240		1948	1948				
								C IV 1549							
0046-283	MD1:52	0 46 41.34	0 49 7.67	20.0			2.30	H I 1216		765	765				pos & B(J)mag,
O		-28 21 2.4	-28 4 42.0					N V 1240		1948	1948				2274
0046-293	MD1:53	0 46 45.01	0 49 11.01	20.4			2.18	H I 1216		765	765				pos & B(J)mag,
O		-29 22 34.0	-29 6 13.6					N V 1240		1948	1948				2274
								C IV 1549							
0046-401	MD6:61	0 46 45.83	0 49 7.95	19.9			2.00	H I 1216		1948	1948				1948phot mag
O		-40 8 44.3	-39 52 23.9					He II 1640							
0046-292		0 46 50.7	0 49 16.73	18.0			0.781			2274	2274				
O		-29 14 40	-28 58 19.7												
0046-267	MD1:54	0 46 51.65	0 49 18.44	19.6			2.54	H I 1216		765	765				pos & B(J)mag,
O		-26 45 54.7	-26 29 34.5					N V 1240		1948	1948				2274
0046-306	MD1:55	0 46 52.15	0 49 17.71	19.8			1.99	H I 1216		1948	1948				1948phot mag
O		-30 40 13.9	-30 23 53.6					C IV 1549							
0046+112	PHL 850	0 46 55.49	0 49 32.06	17.1	-.10	-.40	0.275	Mg II 2798			030				029ubv,459pos,
C		11 12 6.3	11 28 26.2					H I 4102							853rnd,1617ir
								H I 4340							
								H I 4861							
								O III 4959							
								O III 5007							
0046-315	PKS	0 46 57.9	0 49 23.16	17.70*	.19	-.28	2.721*	H I 1216	1.3134	025	024	024	384	945	761,954,
R		-31 32 48	-31 16 27.8					N V 1240						954	1304sp,780ir,
								Si IV 1397						1747	1485ubv,
								C IV 1549						2228	1966rnd
								C III 1909						2263	

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0046–282 C	S90	0 46 58.05 –28 15 22.2	0 49 24.37 –27 59 2.0	19.22			3.83	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0047–286 C	S62	0 47 0.61 –28 39 51.7	0 49 26.79 –28 23 31.6	19.39			2.99	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0047–263 O		0 47 3.3 –26 21 26.7	0 49 30.19 –26 5 6.6	20.2			2.29	H I 1216 N V 1240		765	765				pos & B(J)mag, 2274
0047–293 O	MD1:56	0 47 6.21 –29 22 53.2	0 49 32.15 –29 6 33.2	19.3			2.406	H I 1216 N V 1240 C IV 1549		765 1948 2186	1400 1948				pos & B(J)mag, 2274
0047–309 O		0 47 8.9 –30 59 51	0 49 34.31 –30 43 31.0	18.0			0.559			2274	2274				
0047–832 R	PKS	0 47 10.8 –83 13 10	0 47 51.21 –82 56 49.1	17.53*	.70	–.47	1.112	C III 1909 C II 2326 Mg II 2798		495	493	1485	493 1966		761,1304sp, 886,1617ir, 1485ubv
0047–309 O	S36 MD1:57	0 47 12.73 –30 56 12.5	0 49 38.15 –30 39 52.5	19.2			2.36	H I 1216 C IV 1549		1948 2187	1948 2187				1948phot mag
0047–268 C	S74	0 47 14.06 –26 49 19.3	0 49 40.78 –26 32 59.4	19.67			3.16	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0047–293 O	MD1:58	0 47 15.11 –29 21 30.3	0 49 41.03 –29 5 10.4	19.4			2.140	H I 1216 N V 1240		765 1948	1400 765 1948				2.37 arcmin from QSO 004706.21 –292251.5, 1948 pos & B(J)mag, 2274
0047–304 O	MD1:59	0 47 35.68 –30 27 18.6	0 50 1.19 –30 10 59.0	20.6			2.21	H I 1216		1948	1948				1948phot mag
0047–394 O	MD6:62	0 47 48.12 –39 26 41.8	0 50 10.29 –39 10 22.3	19			2.53	H I 1216 N V 1240 C IV 1549		478 1948	478 1948				846rnd,1431sp
0047–579 R	PKS	0 47 48.34 –57 54 48.3	0 49 59.67 –57 38 28.7	18.5			1.797+	Si IV 1397 C IV 1549 He II 1640 O III 1663 C III 1909		031	024		1266 1966	024	761,1304sp, 1526vlbi, 1898pos, 2103pol
0047–279 O	MD1:60	0 47 49.68 –27 59 34.7	0 50 15.95 –27 43 15.3	18.52		–.94	2.143	H I 1216 N V 1240 Si II 1307 Si IV 1397 C IV 1549		766 1203 1948	1400 765 1948				765fc,1203ubv
0047–304 O	MD1:61	0 47 51.77 –30 29 19.3	0 50 17.23 –30 12 59.9	20.1			2.27	H I 1216 C IV 1549		1948	1948				1948phot mag
0047–253 O		0 47 52.1 –25 22 32	0 50 19.17 –25 6 12.7	18.7			1.184			2274	2274				
0047–267 C	CT 136 U7	0 47 54.31 –26 47 54.1	0 50 20.94 –26 31 34.8	18.79		–.83	0.496	Mg II 2798 H I 4861		1324	2202 1436				1203ubv
0047–308 C		0 47 54.75 –30 50 40.3	0 50 20.08 –30 34 21.0	18.24			2.973	H I 1216 N V 1240 C IV 1549		2186 2274	2186 2274				
0047+013 O	PC	0 47 55.3 1 21 52	0 50 29.44 1 38 11.1	19.7			3.059			1698	1698				1698rmag
0047–256 O	MD1:62	0 47 57.89 –25 38 53.7	0 50 24.87 –25 22 34.5	18.2			1.969	H I 1216 C IV 1549		1948	1948 LBQS				1948phot mag
0047–307 C	S76	0 47 58.98 –30 43 7.7	0 50 24.34 –30 26 48.5	19.08			3.18	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0048-411 O	MD6:63	0 48 0.34 -41 9 29.9	0 50 21.73 -40 53 10.6	19.9			2.23	H I 1216 C IV 1549		1948	1948				1948phot mag
0048-309 O	S30 MD1:63	0 48 2.28 -30 56 31.8	0 50 27.55 -30 40 12.6	19.1			2.24	H I 1216 C IV 1549		1948 2187	1948 2187				1948phot mag
0048-264 C	S53	0 48 4.12 -26 24 5.6	0 50 30.85 -26 7 46.5	19.45			2.82			2187	2187				2187m(or)
0048-422 O	MD6:64	0 48 5.77 -42 17 4.7	0 50 26.64 -42 0 45.5	19.4			1.57	C IV 1549 C III 1909		1948	1948				1948phot mag
0048-351 O		0 48 6.0 -35 6 0	0 50 29.80 -34 49 40.8	18.8			2.63	H I 1216 N V 1240 C IV 1549		1431	1431				
0048-283 C	SGP6:23	0 48 8.1 -28 18 45	0 50 34.22 -28 2 25.9	20.41		-.54	(1.322)	C III 1909		2058	2058				2058Bmag, 2058ubv
0048-097 BL Lac R X	PKS OB 081 PHL 856	0 48 9.98 -9 45 23.8	0 50 41.32 -9 29 4.9	16.27*	.37	-.66				149 1871		759 875 1068 1902	837 1074 1200 1266 1367 1399 1441 1557 1961 1966		648,1485ubv, 323,1541,1626, 1988,2046, 2062,2103pol, 781,886,1305, 1399ir,1057, 1307,2112x, 1164,1913mf, 1013phot,044, 493,605,761sp, 936,1483rvar, 1789mm 1902avg ph mag
0048-275 C		0 48 12.18 -27 34 42.8	0 50 38.53 -27 18 23.8	19.48			1.39			2187	2187				2187m(or)
0048-259 C	S05	0 48 14.10 -25 57 43.0	0 50 40.95 -25 41 24.0	18.36			0.78			2187	2187				2187m(or)
0048-274 O	MD1:64	0 48 15.58 -27 28 41.8	0 50 41.95 -27 12 22.8	20.1			2.43	H I 1216 C IV 1549		1948	1948				1948phot mag
0048-298 O	MD1:65	0 48 16.27 -29 52 35.6	0 50 41.86 -29 36 16.6	19.2			2.028	H I 1216 N V 1240 C IV 1549		765 1948	1400 766 1948				pos & B(J)mag, 2274
0048-027 O		0 48 16.4 -2 46 45	0 50 49.51 -2 30 26.2	17.6			0.987			2216 2274	2216 2274				
0048-015 O		0 48 18.1 -1 33 56	0 50 51.51 -1 17 37.3	17.2			0.763			2216 2274	2216 2274				2216uvem
0048-379 O	MD6:65	0 48 18.53 -37 57 28.9	0 50 41.18 -37 41 9.9	20.5			1.86	H I 1216		1948	1948				1948phot mag
0048-396 O	MD6:66	0 48 19.73 -39 40 35.9	0 50 41.68 -39 24 16.9	17.8	-.30		0.478			1650 1948	1650				117 arcmin from NGC 300, 1650 z in 1948 differs (1.69)
0048-394 O	MD6:67	0 48 19.95 -39 25 5.2	0 50 42.00 -39 8 46.2	19.7			1.49	C IV 1549 C III 1909		1948	1948				1948phot mag
0048-388 O	MD6:68	0 48 20.95 -38 51 8.8	0 50 43.23 -38 34 49.8	19.6			2.64	H I 1216 O IV 1402		1948	1948				1948phot mag
0048-282 C	SGP6:22	0 48 22.0 -28 16 33	0 50 48.10 -28 0 14.1	20.89		-.65	1.593	C III 1909		2058	2058				2058Bmag, 2058ubv
0048-279 O R		0 48 22.7 -27 59 40.5	0 50 48.89 -27 43 21.6	19.9			0.87	C III 1909 Mg II 2798		765	765		765		pos & B(J)mag, 2274
0048-290 O		0 48 24.2 -29 1 46	0 50 50.05 -28 45 27.2	18.3			0.783			2274	2274				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0048–293 C	SGP2:39	0 48 26.42 –29 18 14.3	0 50 52.17 –29 1 55.5	19.13		–1.01	0.428	Mg II 2798 H I 4861		1878 2058 2186	1878 2058				1878Bmag
0048–275 O		0 48 26.5 –27 34 27.6	0 50 52.81 –27 18 8.8	19.8			1.87	H I 1216 N V 1240 C IV 1549		765	765				pos & B(J)mag, 2274
0048–293 C	SGP2:34	0 48 28.3 –29 21 14.9	0 50 54.03 –29 4 56.1	19.7		–.64	(1.602)	C IV 1549		1878 2058	1878 2058				1878Bmag pos & B(J)mag, 2274
0048–013 O	UM 281 PHL 857	0 48 29 –1 19 2	0 51 2.47 –1 2 43.4	17.9			1.87	C IV 1549 N III 1750 C III 1909		446	480				
0048–254 O	MD1:66	0 48 30.48 –25 26 30.2	0 50 57.45 –25 10 11.5	20.0			2.11	H I 1216 C IV 1549		1948	1948				1948phot mag
0048–293 C	SGP2:30	0 48 30.5 –29 22 34	0 50 56.22 –29 6 15.3	20.27		–.41	(1.766)	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
0048–267 O		0 48 31.5 –26 45 34.9	0 50 58.06 –26 29 16.2	19.9			3.17	H I 1216 N V 1240		765	765				pos & B(J)mag, 2274
0048–413 O	MD6:69	0 48 33.88 –41 20 59.5	0 50 55.05 –41 4 40.7	18.9			1.91	H I 1216 He II 1640		1948	1948				1948phot mag
0048–298 O	MD1:67	0 48 35.21 –29 49 46.7	0 51 0.77 –29 33 28.0	19.2			2.439	H I 1216 N V 1240 C IV 1549		766 1948	1400 765 1948				765fc
0048–257 O		0 48 35.4 –25 45 8	0 51 2.26 –25 28 49.4	18.2			2.082			2274	2274				
0048–071 R	PKS	0 48 36.4 –7 6 15	0 51 8.41 –6 49 56.5	19.5			1.974	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909		011	1304 1305		1976		761sp 5.63 arcmin from NGC 273, 2118
0048–261 O	MD1:68	0 48 42.5 –26 8 36.4	0 51 9.22 –25 52 17.9	19.0	–.10		2.249	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		1287 1948	1287 1948				46.5 arcmin from NGC 253, 1287,2118; pos & B(J)mag,2274
0048–280 O	CT 147 PHL 3029 MD1:69 CS 65	0 48 47.02 –28 4 18.7	0 51 13.12 –27 48 0.2	17.6			0.844	C III 1909 C II 2326 Mg II 2798		765 1871 1948	2202 765 1324 1400 1436				1324fc z in 1948 differs
0048+004 O		0 48 47.3 0 29 4	0 51 21.22 0 45 22.3	18.6			0.727			2216 2274	2216 2274				2216neml
0048–408 O	MD6:70	0 48 47.58 –40 49 8.2	0 51 8.93 –40 32 49.6	20.0			2.01	H I 1216 C IV 1549 He II 1640		1948	1948				1948phot mag
0048–293 C	SGP2:36	0 48 48.6 –29 21 38.5	0 51 14.28 –29 5 20.0	20.83		–1.16	1.756	C IV 1549 C III 1909		1878 2058	1878 2058				1878Bmag
0048–269 O		0 48 48.6 –26 59 18.2	0 51 15.04 –26 42 59.8	20.3			3.26	H I 1216 N V 1240		765	765				pos & B(J)mag, 2274
0048–264 O	MD1:70	0 48 49.02 –26 26 43.6	0 51 15.63 –26 10 25.2	19.5			1.86	H I 1216 C IV 1549		1948	1948				1948phot mag
0048–427 R	PKS MD6:71	0 48 49.06 –42 42 51.8	0 51 9.55 –42 26 33.2	18.8			1.749*	O IV 1402 C IV 1549 He II 1640 Mg II 2798	1.6727 1.483	1302	1861		1861	1861 2263	
0048–269 O	MD1:71 S33	0 48 51.97 –26 56 25.6	0 51 18.42 –26 40 7.2	20.1			2.36	H I 1216 N V 1240 C IV 1549		765 1948 2187	765 1948 2187				2187m(or)

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0048–291 O C	SGP2:01	0 48 52.1 –29 7 20.6	0 51 17.84 –28 51 2.2	19.93		–.68	2.375	H I 1216 N V 1240 Si IV 1397 C IV 1549		765 1878 2058	1878 2058				1878Bmag
0048–271 O	MD1:72	0 48 52.30 –27 9 3.9	0 51 18.68 –26 52 45.5	19.9			1.79	H I 1216 C IV 1549		1948	1948				1948phot mag
0048–360 O		0 48 54.0 –36 3 0	0 51 17.28 –35 46 41.6	19.0			2.25	H I 1216 N V 1240 C IV 1549		1431	1431				
0048–297 O	MD1:73	0 48 54.93 –29 44 47.6	0 51 20.46 –29 28 29.2	18.9			2.210	H I 1216 N V 1240 C IV 1549		766 1948	1400 765 1948				765fc
0048+004 O		0 48 56.5 0 25 32	0 51 30.41 0 41 50.1	18.2			1.188			2216 2274	2216 2274				
0049–297 C	S60	0 49 0.63 –29 42 35.0	0 51 26.16 –29 26 16.7	19.06			(2.96)	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0049–283 O	MD1:74 SGP6:20	0 49 1.11 –28 20 53.0	0 51 27.09 –28 4 34.7	18.1		–.39	2.249*	O VI 1034 H I 1216 C IV 1549	2.08 1.90	765 1948 2058	1400 765 1948 2058			1400 2263	Lyx abs 765; damped Ly alpha,z=2.08, z=1.90,1400
0049–384 O	MD6:72	0 49 1.54 –38 29 48.4	0 51 23.82 –38 13 30.1	19.4			2.51	H I 1216 N V 1240 C IV 1549		1431 1948	1431 1948				
0049–013 O		0 49 1.8 –1 23 28	0 51 35.25 –1 7 10.0	17.8			1.560			2216 2274	2216 2274				
0049–010 O		0 49 4.7 –1 4 28	0 51 38.23 –0 48 10.0	18.9			2.096			2274	2274				
0049–402 O	MD6:73	0 49 6.75 –40 15 45.4	0 51 28.26 –39 59 27.1	18.9			2.18	H I 1216 N V 1240		478 1948	478 1948				846rnd,1431sp
0049–374 O	MD6:74	0 49 10.61 –37 29 26.5	0 51 33.26 –37 13 8.3	20.2			2.20	H I 1216 C IV 1549		1948	1948				1948phot mag
0049–387 O	MD6:75	0 49 10.69 –38 47 32.8	0 51 32.81 –38 31 14.6	18.2			1.51	C IV 1549 C III 1909		1948	1948				1948phot mag
0049–377 O	MD6:76	0 49 12.19 –37 46 11.3	0 51 34.72 –37 29 53.1	19.0			1.53	C IV 1549 C III 1909		1431 1948	1431 1948				
0049–296 C	CT 151	0 49 12.72 –29 39 31.5	0 51 38.23 –29 23 13.4	17.60			0.306	Mg II 2798 H I 4861 O III 4959		1324	1436 2202				
0049–384 O	MD6:77	0 49 14.29 –38 25 37.9	0 51 36.55 –38 9 19.8	19.0			1.39	C IV 1549		1948	1948				1948phot mag
0049–380 O	MD6:78	0 49 16.56 –38 4 59.6	0 51 38.95 –37 48 41.5	20.0			1.62	C IV 1549		1948	1948				1948phot mag
0049–281 C	SGP6:27	0 49 21.0 –28 7 48	0 51 47.00 –27 51 30.1	19.70		–1.04	1.148	C III 1909		2058	2058				2058Bmag, 2058ubv
0049–285 C	SGP6:08	0 49 21.68 –28 32 4.3	0 51 47.54 –28 15 46.4	19.13		–.32	1.391+	C III 1909		2058 2186	2058				2058Bmag, 2058ubv, 2058BAL
0049–002 O	UM 284 PHL 3041	0 49 23.6 –0 12 22	0 51 57.35 0 3 55.7	18 *			(1.39)	C IV 1549 C III 1909		446	446	752			
0049–295 C	SGP2:20	0 49 27.5 –29 31 18.0	0 51 53.02 –29 15 0.2	19.45		–.58	0.601	Mg II 2798 Ne V 3426 O II 3727 H I 4102		1878 2058	1878 2058				1878Bmag
0049–282 C	SGP6:18	0 49 27.6 –28 12 36	0 51 53.55 –27 56 18.2	20.11		–1.05	1.145	C III 1909		2058	2058				2058Bmag, 2058ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0049+007	UM 287	0 49 28.4	0 52 2.40	17.8			2.268	H I 1216		446	480				
O	PHL 868	0 45 13	1 1 30.6					C IV 1549			2251				
								C III 1909							
0049–272	MD1:75	0 49 29.33	0 51 55.60	18.4	–.10		2.484	LYB 1026		765	1287				88.67 arcmin
O		–27 14 1.1	–26 57 43.3					O VI 1034		1948	1948				from NGC 253,
								H I 1216		2186					1287,2118
								N V 1240							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
0049–290	MD1:76	0 49 29.80	0 51 55.48	18.8			2.22	H I 1216		765	765				
O		–29 0 39.8	–28 44 22.0					N V 1240		1948	1948				
0049–374	MD6:79	0 49 29.88	0 51 52.49	19.2			2.84	H I 1216		1948	1948				1948phot mag
O		–37 24 58.8	–37 8 40.9												
0049–261	MD1:77	0 49 30.11	0 51 56.73	20.0			2.06	H I 1216		765	765				pos & B(J)mag,
O		–26 6 50.3	–25 50 32.5					N V 1240		1948	1948				2274
0049–393	MD6:80	0 49 30.61	0 51 52.41	18			2.836*	O VI 1034	2.792	330	761			478	761,911,954,
O		–39 22 43.3	–39 6 25.4					H I 1216	2.75	1948	331			911	1304,1431sp,
								N V 1240			478			954	846,1966rnd
								O I 1304			535			1208	Ly limit abs,
								Si IV 1397			1948			1304	z=2.78,911
								C IV 1549						2263	
								He II 1640							
0049–293	SGP2:06	0 49 31.4	0 51 56.98	20.18		–1.39	1.631	C IV 1549		1878	1878				1878Bmag
C		–29 18 56.6	–29 2 38.8					C III 1909		2058	2058				
0049–268	MD1:78	0 49 32.60	0 51 58.97	19.0			1.40	C IV 1549		1948	1948				1948phot mag
O		–26 53 42.3	–26 37 24.6					C III 1909							
0049–355		0 49 34.0	0 51 57.33	18.4			(1.48)+	C IV 1549		1431	1431			1431	
O		–35 33 0	–35 16 42.2					C III 1909							
0049–291	SGP2:13	0 49 37.9	0 52 3.52	20.31		–1.01	0.578	Mg II 2798		1878	1878				1878Bmag
C		–29 8 37.8	–28 52 20.1					Ar IV 2854		2058	2058				
								Ar IV 2869							
0049–291	SGP2:18	0 49 41.5	0 52 7.12	20.41		–1.02	(0.466)	Mg II 2798		1878	1878				1878Bmag
C		–29 6 34.0	–28 50 16.4					H I 4102		2058	2058				
0049–280	SGP6:14	0 49 41.6	0 52 7.56	20.89		–1.04	1.702	C IV 1549		2058	2058				2058Bmag,
C		–28 5 15	–27 48 57.4					C III 1909							2058ubv
0049–295	SGP2:25	0 49 42.1	0 52 7.56	20.76		–.63	1.868	C IV 1549		1878	1878				1878Bmag
C		–29 34 8.3	–29 17 50.7							2058	2058				
0049–286	SGP6:01	0 49 42.33	0 52 8.09	18.88		–.21	0.640	Mg II 2798		2058	2058				2058Bmag,
C	S02	–28 40 26.4	–28 24 8.8							2186	2186				2058ubv
										2187	2187				z=0.66, 2187
0049–255		0 49 44.3	0 52 11.06	18.5			1.528			2274	2274				
O		–25 35 17	–25 18 59.5												
0049–308		0 49 44.4	0 52 9.42	18.5			0.637			2274	2274				
O		–30 50 13	–30 33 55.4												
0049–279	SGP5:50	0 49 44.7	0 52 10.71	20.91		–.82	1.725	C IV 1549		2058	2058				2058Bmag,
C		–27 54 59	–27 38 41.4					C III 1909							2058ubv
0049–276	CT 157	0 49 44.7	0 52 10.81	18.9			1.039	C IV 1549		1324	1436				pos & B(J)mag,
C	MD1:79	–27 36 12.5	–27 19 54.9					C III 1909		1948	1400				2274
	SGP5:24									2058	2058				
											2202				
0049–293	SGP2:48	0 49 46.2	0 52 11.72	19.77		–1.34	1.852	H I 1216		1878	1878				1878Bmag
C		–29 21 40.4	–29 5 22.9					Si IV 1397		2058	2058				
								C IV 1549							
0049–295	SGP2:27	0 49 47.8	0 52 13.24	20.86		–.48	(1.920)	Si IV 1397		1878	1878				1878Bmag
C		–29 35 26.6	–29 19 9.1					C IV 1549		2058	2058				
								C III 1909							
0049–278	SGP5:45	0 49 50.5	0 52 16.52	20.50		–1.24	(1.007)	C III 1909		2058	2058				2058Bmag,
C		–27 49 24	–27 33 6.5												2058ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0049–406 O	MD6:81	0 49 50.88 –40 41 20.7	0 52 12.03 –40 25 3.1	19.2			1.16	H I 1216 C IV 1549		1948	1948				1948phot mag
0049–293 C	SGP2:45	0 49 51.1 –29 20 33.8	0 52 16.62 –29 4 16.3	20.64		–.34	0.111	O II 3727 H I 4861		1878 2058	1878 2058				1878Bmag, 2058neml
0049+000 O		0 49 51.5 0 3 50	0 52 25.32 0 20 7.2	19.5			1.324			2274	2274				
0049–008 O		0 49 51.6 –0 53 22	0 52 25.17 –0 37 4.8	18.7			1.402			2216 2274	2216 2274				2216neml
0049+003 O		0 49 52.9 0 19 22	0 52 26.79 0 35 39.2	18.7			0.400			2216 2274	2216 2274				2216uvem
0049–255 O	MD1:80	0 49 53.35 –25 35 24.2	0 52 20.09 –25 19 6.8	19.2			2.12	H I 1216 C IV 1549		1948	1948				1948phot mag
0049–277 C	SGP5:46	0 49 56.6 –27 46 20	0 52 22.62 –27 30 2.6	20.09		–.82	0.955	Mg II 2798		2058	2058				2058Bmag, 2058ubv
0049+014 O	UM 288	0 49 59.5 1 24 24	0 52 33.67 1 40 41.1	17			2.31 *	H I 1216 C IV 1549	1.830	446	1550 446			1551 2228 2263	damped Ly alpha,2242; strong Ly alpha,z=1.828, 1551
0050–290 C	SGP2:19 MD1:81	0 50 5.89 –29 5 34.5	0 52 31.45 –28 49 17.3	18.97		–.73	1.605	C IV 1549 C III 1909		1878 1948 2058	1878 1948 2058				1878,2058Bmag, 2058ubv
0050–280 O	SGP6:10	0 50 5.9 –28 4 24.5	0 52 31.80 –27 48 7.3	20.25		–.69	2.152	H I 1216 C IV 1549		765 2058	2058 765				
0050–262 O	MD1:82	0 50 6.62 –26 12 43.3	0 52 33.13 –25 56 26.1	19.7			2.27	H I 1216 C IV 1549		1948	1948				1948phot mag
0050–406 O	MD6:82	0 50 8.29 –40 41 4.2	0 52 29.37 –40 24 46.9	20.1			1.94	H I 1216		1948	1948				1948phot mag 3.31 arcmin from 004950.88 –404120.7,1948
0050–281 O	SGP6:17 CS 81	0 50 10.3 –28 7 9.6	0 52 36.18 –27 50 52.5	19.01		–.74	1.730	H I 1216 C IV 1549 C III 1909		765 2058	2058 2202				
0050–290 C	SGP2:14	0 50 11.8 –29 3 56.4	0 52 37.35 –28 47 39.3	20.46		–1.08	1.619	C IV 1549 C III 1909		1878 2058	1878 2058				1878Bmag
0050–283 O	MD1:83	0 50 12.33 –28 18 16.8	0 52 38.14 –28 1 59.7	20.1			2.27	H I 1216 C IV 1549		1948	1948				1948phot mag
0050–291 C	SGP2:11	0 50 12.9 –29 7 30.1	0 52 38.43 –28 51 13.0	20.98		–.93	1.976	H I 1216 C IV 1549		1878 2058	1878 2058				1878Bmag
0050–310 O	MD1:84	0 50 13.19 –31 2 9.5	0 52 38.06 –30 45 52.4	19.0			1.44	1549. 1909		1948	1948				1948phot mag
0050–253 O	MD1:85	0 50 17.93 –25 23 8.6	0 52 44.67 –25 6 51.6	15.9	.20		2.18	H I 1216 C IV 1549 He II 1640		1650 1948	1948 1650				72 arcmin from NGC 253, 1650, 2118
0050–266 O		0 50 19.1 –26 40 40	0 52 45.43 –26 24 23.0	20.1			2.22	H I 1216 N V 1240		765	765				
0050–275 C	SGP5:32	0 50 21.7 –27 30 34	0 52 47.75 –27 14 17.0	20.27		–.40	0.233			2058	2058				2058Bmag, 2058ubv, 2058neml
0050–284 C	SGP6:36	0 50 22.1 –28 27 54	0 52 47.83 –28 11 37.0	20.53		–.49	1.554	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
0050–005 O		0 50 23.2 –0 33 26	0 52 56.86 –0 17 9.3	18.8			1.676			2216 2274	2216 2274				2216neml
0050–282 C	SGP6:31	0 50 24.1 –28 17 39	0 52 49.88 –28 1 22.1	19.83		–.82	1.331	C III 1909		2058	2058				2058Bmag, 2058ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0050−285 O	MD1:86	0 50 24.29 −28 34 21.3	0 52 49.98 −28 18 4.4	20.0			2.36	H I 1216 C IV 1549		1948	1948				1948phot mag
0050−295 C	SGP2:40	0 50 27.5 −29 32 33.9	0 52 52.85 −29 16 17.0	20.91		−.37	0.396	O II 3727		1878 2058	1878 2058				1878Bmag
0050−305 O	MD1:88	0 50 27.75 −30 30 46.8	0 52 52.76 −30 14 29.9	19.7			2.46	H I 1216		1948	1948				1948phot mag
0050−265 O	MD1:87	0 50 27.9 −26 34 48	0 52 54.24 −26 18 31.2	19.1			2.11	H I 1216 N V 1240		765 1948	765 1948				
0050−291 C	SGP2:16	0 50 28.2 −29 7 42.0	0 52 53.69 −28 51 25.1	20.22		−.51	0.852	C III 1909 Mg II 2798		1878 2058	1878 2058				1878Bmag
0050−277 C	SGP5:08	0 50 28.3 −27 47 29	0 52 54.24 −27 31 12.1	20.81		−.78	1.355+	C III 1909		2058	2058				2058Bmag, 2058ubv, 2058BAL
0050−300 O	MD1:89	0 50 28.57 −30 0 59.6	0 52 53.75 −29 44 42.7	19.7			1.922	H I 1216 C IV 1549		1948	1400 1948				pos & B(J)mag, 2274
0050−266 C	CT 165	0 50 33.05 −26 41 28.9	0 52 59.34 −26 25 12.1	18.2			1.248	C IV 1549 C III 1909 Mg II 2798		1324	1436 2202				
0050−428 O	MD6:83	0 50 35.22 −42 53 59.6	0 52 55.15 −42 37 42.7	20.1			2.30	H I 1216 C IV 1549		1948	1948				1948phot mag
0050−254 O	MD1:90	0 50 35.65 −25 26 31.6	0 53 2.34 −25 10 14.9	19.7			1.85	H I 1216		1948	1948				1948phot mag
0050−296 C	SGP2:46	0 50 35.8 −29 37 2.2	0 53 1.10 −29 20 45.5	20.37		−.97	(0.917)	Mg II 2798		1878 2058	1878 2058				1878Bmag
0050−294 C	SGP2:47	0 50 36.9 −29 29 13	0 53 2.25 −29 12 56.3	18.92		−.51	0.830	Mg II 2798		1878 2058	1878 2058				1878Bmag
0050−284 C	SGP6:32	0 50 37.21 −28 25 26.2	0 53 2.92 −28 9 9.5	20.40		−.64	2.475	H I 1216 C IV 1549		2058 2186	2058				2058Bmag, 2058ubv
0050−293 C	SGP2:44	0 50 38.3 −29 22 34.8	0 53 3.68 −29 6 18.1	20.37		−1.09	1.800	C IV 1549 O III 1663 N III 1750 C III 1909		1878 2058	1878 2058				1878Bmag
0050−264 O	MD1:91	0 50 39.57 −26 24 50.9	0 53 5.93 −26 8 34.2	19.8			2.33	H I 1216 C IV 1549		1948	1948				1948phot mag
0050−285 C	SGP6:33	0 50 40.5 −28 30 23	0 53 6.17 −28 14 6.3	19.45		−.38	(0.553)	Mg II 2798		2058	2058				2058Bmag, 2058ubv
0050+106 C	PHL 881	0 50 41.18 10 37 3.6	0 53 17.80 10 53 19.9	17.9	−.10	−.50	0.321	Mg II 2798 H I 4340 H I 4861 O III 5007			030				029ubv,853rnd, 459pos,1420sp, 1420FeIIem
0050−254 O		0 50 41.4 −25 27 39	0 53 8.07 −25 11 22.4	17.6			1.019			2274	2274				
0050+013 O		0 50 43.5 1 23 43	0 53 17.67 1 39 59.4	18.4			1.439			2216 2274	2216 2274				
0050−257 C	S67	0 50 45.34 −25 46 1.9	0 53 11.90 −25 29 45.3	19.97			(3.07)	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0050−281 O	MD1:92	0 50 49.13 −28 6 29.3	0 53 14.91 −27 50 12.8	19.0			1.805	H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909		765 1948	1400 765 1948				
0050−403 O	MD6:84	0 50 50.46 −40 20 35.2	0 53 11.52 −40 4 18.6	20.1			2.00	H I 1216		1948	1948				1948phot mag
0050−277 C	CT 170	0 50 50.85 −27 42 5.6	0 53 16.76 −27 25 49.1	17.9			0.481	Mg II 2798 H I 4340 H I 4861		1324	2202 1436				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0050–378 O	MD6:85	0 50 51.93 –37 51 49.1	0 53 14.06 –37 35 32.6	20.4			1.94	C IV 1549		1948	1948				1948phot mag
0050–283 C	S81	0 50 52.23 –28 20 49.9	0 53 17.92 –28 4 33.4	19.64			3.36	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0050–287 O		0 50 55.0 –28 43 12.2	0 53 20.56 –28 26 55.8	19.1			2.48	H I 1216 N V 1240		765	765				pos & B(J)mag, 2274
0050–281 C	S45	0 50 58.94 –28 10 43.2	0 53 24.67 –27 54 26.8	19.43			2.61	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0051+291 R X	4C 29.01 B2	0 51 2.11 29 8 51.2	0 53 44.37 29 25 7.0	17.8 *			1.828*	H I 1216 Si IV 1397 C IV 1549	1.8293 1.4311 1.2704 0.8465 0.0002	033	032	1201	462 774 1586 1818 1891	439 1635 2228 2263	1201pol,831sp, 1005x, 1108absr, 1302rpol, 1513elp,203fc, 1617ir, 1818pos, 2174varnd
0051–300 O		0 51 2.7 –30 1 55.5	0 53 27.79 –29 45 39.2	20.0			2.25	H I 1216 N V 1240		765	765				pos & B(J)mag, 2274
0051–277 C	SGP5:06	0 51 3.7 –27 45 9	0 53 29.56 –27 28 52.7	20.54		–.80	1.178	C III 1909		2058	2058				2058Bmag, 2058ubv
0051–267 O	S18 MD1:93	0 51 10.17 –26 47 32.4	0 53 36.34 –26 31 16.2	19.2			2.41	H I 1216 C IV 1549		1948 2187	1948				1948phot mag z=1.69, 2187
0051–293 O	MD1:94 SGP7:24	0 51 13.58 –29 19 37.9	0 53 38.88 –29 3 21.8	19.1		–1.09	1.486	C IV 1549 C III 1909		1948 2058	1948 2058				2058Bmag, 2058ubv 1948phot mag
0051–275 O	SGP5:15 CS 93	0 51 14.4 –27 33 41.5	0 53 40.30 –27 17 25.4	19.29		–.99	1.611	H I 1216 N V 1240 SiIVb 1400 C IV 1549 C III 1909 Mg II 2798		765 2058	2202 765 2058				
0051–017 O		0 51 16.55 –1 46 47	0 53 49.88 –1 30 31.1	17.7			0.406			2216 2274	2216 2274				
0051–292 C	SGP7:22	0 51 17.4 –29 16 41	0 53 42.71 –29 0 24.9	20.89		–.96	(1.107)	C III 1909		2058	2058				2058Bmag, 2058ubv
0051–289 O	MD1:95	0 51 17.72 –28 55 10.1	0 53 43.15 –28 38 54.0	20.3			1.94	H I 1216 N V 1240		765 1948	765				z in 1948 differs; pos & B(J)mag,2274
0051–420 O	MD6:86	0 51 21.27 –42 1 27.4	0 53 41.43 –41 45 11.3	19.7			1.35	C IV 1549 C III 1909		1948	1948				1948phot mag
0051–003 O		0 51 21.4 –0 19 25	0 53 55.12 –0 3 9.2	18.7			1.713+			2216 2274	2216 2274				2216BAL
0051–286 O	CT 177 MD1:96 SGP3:23 CS 95 H29	0 51 21.66 –28 39 58.1	0 53 47.17 –28 23 42.1	18.65		–1.16	1.574	C IV 1549 C III 1909		765 1324 1878 1948 2058	1436 1878 1948 2058 2202				
0051–400 O	MD6:87	0 51 22.05 –40 2 29.4	0 53 43.12 –39 46 13.3	19.5			2.09	H I 1216		1948	1948				1948phot mag
0051–284 C	SGP3:05	0 51 22.96 –28 26 23.8	0 53 48.54 –28 10 7.8	20.56		–.60	2.110	H I 1216 N V 1240 Si IV 1397 C IV 1549		1878 2058 2186	1878 2058				1878Bmag
0051–264 O	MD1:97 S24	0 51 25.42 –26 29 43.2	0 53 51.65 –26 13 27.3	19.8			2.13	H I 1216 N V 1240		765 1948 2187	765 1948 2187				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0051-268 O	MD1:98	0 51 26.97 -26 48 55.9	0 53 53.09 -26 32 40.0	19.3			1.96	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		765 1948	765 1948				
0051-253 O		0 51 27.0 -25 20 22	0 53 53.61 -25 4 6.1	17.5			1.444			1650	1650				87 arcmin from NGC 253,1650, 2118
0051-292 C	SGP7:27	0 51 29.1 -29 17 12	0 53 54.38 -29 0 56.1	19.85		-.72	1.479	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
0051-005 O		0 51 35.3 -0 35 25	0 54 8.95 -0 19 9.5	18.7			0.940			2216 2274	2216 2274				
0051-274 O	SGP5:16	0 51 38.15 -27 26 26.6	0 54 4.04 -27 10 10.9	18.90		-.90	0.689	C III 1909		765 1203 2058	2058 1400				1203ubv Close to pec gal,1203
0051-287 O	SGP3:25 MD1:99	0 51 39.53 -28 46 47.2	0 54 4.95 -28 30 31.5	19.40		-1.33	1.338	C IV 1549 C III 1909 Mg II 2798		765 1878 1948 2058	1878 765 1948 2058				1878Bmag
0051-266 O		0 51 40.2 -26 37 17.8	0 54 6.35 -26 21 2.1	18.9			1.32	C IV 1549 C III 1909		765	765				pos & B(J)mag, 2274
0051-387 O		0 51 40.7 -38 43 51	0 54 2.28 -38 27 35.3	19.2			2.47	H I 1216 N V 1240 C IV 1549		1431	1431				
0051+022 O		0 51 41.0 2 16 39	0 54 15.41 2 32 54.4	18.4			1.272			2216 2274	2216 2274				
0051-426 O	MD6:88	0 51 42.67 -42 39 35.9	0 54 2.43 -42 23 20.2	19.1			1.46	C IV 1549 C III 1909		1431 1948	1431 1948				
0051-280 O	CS 102	0 51 43.2 -28 1 22.2	0 54 8.88 -27 45 6.6	18.90			1.508	Si IV 1397 O IV 1402 C IV 1549 C III 1909		765 2203	765 2202				pos & B(J)mag, 2274
0051-281 O	CT 186 MD1:100 CS 103 S18	0 51 46.75 -28 11 52.5	0 54 12.36 -27 55 36.9	18.97		-.68	2.244+	H I 1216 N V 1240 Si IV 1397 C IV 1549		765 1324 1948	1400 765 1436 1948 2202			1400	1203ubv
0051-302 C	CT 187	0 51 48.68 -30 12 13.3	0 54 13.58 -29 55 57.8	19.0			2.14	C IV 1549 C III 1909 Mg II 2798		1324	1436 2202				
0051-279 C	S93	0 51 49.84 -27 58 23.6	0 54 15.52 -27 42 8.1	20.5			4.395+	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1823 2187	1823 2187				1823BAL, 1879ir,2014sp, 2014fc
0051-274 O		0 51 50.8 -27 24 43.8	0 54 16.66 -27 8 28.3	19.5			1.88	C IV 1549		765	765				pos & B(J)mag, 2274
0051-024 O		0 51 51.3 -2 26 55	0 54 24.45 -2 10 39.7	18.6			2.526			2216 2274	2216 2274				2216neml
0051-293 C	SGP7:20	0 51 51.4 -29 18 34	0 54 16.61 -29 2 18.5	20.22		-.45	1.987	C IV 1549		2058	2058				2058Bmag, 2058ubv
0051-404 O	MD6:89	0 51 51.96 -40 28 6.4	0 54 12.72 -40 11 50.8	19.2			2.35	H I 1216 C IV 1549		1948	1948				1948phot mag
0051-265 O	MD1:101	0 51 52.36 -26 35 20.3	0 54 18.50 -26 19 4.8	20.5			1.37	H I 1216 N V 1240		765 1948	765 1948				z in 765 differs; pos & B(J)mag,2274
0051-283 C	SGP3:09	0 51 52.4 -28 22 28.2	0 54 17.93 -28 6 12.7	19.57		-.51	2.133	H I 1216 C IV 1549		1878 2058	1878 2058				1878Bmag
0051-260 O		0 51 53.5 -26 5 17	0 54 19.80 -25 49 1.6	18.3			0.624			2274	2274				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0051+146 C	PHL 891	0 51 57.09 14 39 14.1	0 54 34.92 14 55 29.1	17.79	–.10	–.30	0.874	C III 1909 Mg II 2798			030				029ubv,696, 912xnd,853rnd
0051–256 O	MD1:102	0 51 58.47 –25 40 15.2	0 54 24.90 –25 23 59.9	20.2			1.95	H I 1216 C IV 1549		1948	1948				1948phot mag
0052–303 C	CT 188	0 52 0.69 –30 20 51.4	0 54 25.51 –30 4 36.1	19.0			0.993	Mg II 2798		1324 2274	2202 2274				
0052+145 C	PHL 892	0 52 6.23 14 30 31.4	0 54 44.03 14 46 46.3	17.81	–.10	–.40	0.911	C III 1909 Mg II 2798			030				029ubv,696, 912xnd,853rnd
0052–382 O	MD6:90	0 52 6.40 –38 13 39.9	0 54 28.10 –37 57 24.6	19.9			1.90	H I 1216 C IV 1549		1948	1948				1948phot mag
0052–002 O		0 52 7.5 –0 15 5	0 54 41.24 0 1 10.0	17.7			0.648			2216 2274	2216 2274				2216neml
0052–415 O		0 52 9 –41 35 56	0 54 29.16 –41 19 40.7	18.1			2.06	H I 1216 N V 1240 C IV 1549		478	478				846rnd,1431sp
0052+251 C X R	PG HEAO	0 52 11.1 25 9 24	0 54 52.17 25 25 38.7	15.42			0.155	O II 3727 NeIII 3869 O III 4959 O III 5007		1117	1117		2011		1030,1362ext, 1487,1980, 2112x,1329elp, 1598sp,1617, 1729,2005ir, 1701uv 1700imag/ext compan gal, 1788; faint gals near, 10 arcsec from anon gal,2118
0052–294 C	SGP7:28	0 52 13.7 –29 24 13	0 54 38.82 –29 7 57.9	19.46		–1.14	1.424	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
0052–285 C	SGP3:02	0 52 16.1 –28 32 31.8	0 54 41.51 –28 16 16.7	20.46		–.58	2.181	H I 1216 Si IV 1397 C IV 1549		1878 2058	1878 2058				1878Bmag
0052–290 C	S56	0 52 17.71 –29 1 0.1	0 54 42.95 –28 44 45.0	19.99			2.93	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0052–307 O	S42 MD1:103	0 52 19.34 –30 47 9.8	0 54 43.95 –30 30 54.8	19.7			2.44	H I 1216 C IV 1549		1948 2187	1948 2187				1948phot mag
0052–009 O	UM 291 PHL 895	0 52 21.3 –0 58 58	0 54 54.84 –0 42 43.2	17.9			2.212	H I 1216 Si IV 1397 C IV 1549		446 2274	446 2274				
0052–288 C	SGP3:48	0 52 22.0 –28 48 10	0 54 47.31 –28 31 55.0	20.47		–.90	2.097	H I 1216 N V 1240 Si IV 1397 C IV 1549		1878 2058	1878 2058				1878Bmag
0052–299 O		0 52 22.2 –29 56 21	0 54 47.10 –29 40 6.0	18.8			0.199			2274	2274				
0052–390 O		0 52 24.0 –39 1 0	0 54 45.29 –38 44 45.0	19.6			3.18 +	H I 1216 N V 1240		1431	1431			1431	
0052–405 O	MD6:91	0 52 25.72 –40 30 10.7	0 54 46.33 –40 13 55.7	19.3			1.07	C IV 1549		1948	1948				1948phot mag
0052–384 O	MD6:92	0 52 25.96 –38 26 21.1	0 54 47.50 –38 10 6.1	18.8			2.55	H I 1216 N V 1240 C IV 1549		1431 1948	1431 1948				
0052–255 O	MD1:104	0 52 26.39 –25 33 5.6	0 54 52.79 –25 16 50.7	19.8			1.99	H I 1216 C IV 1549		1948	1948				1948phot mag
0052+006 O		0 52 26.4 0 40 23	0 55 0.39 0 56 37.7	19.0			1.451			2274	2274				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0052–297	S04	0 52 26.86	0 54 51.81	18.43			0.76			2186	2186				2187m(or)
C		–29 45 47.9	–29 29 33.0							2187	2187				
											LBQS				
0052–285	SGP3:19	0 52 33.8	0 54 59.18	20.37		–1.47	0.779	C II 2326		1878	1878				1878Bmag
C		–28 30 45.7	–28 14 30.9					Mg II 2798		2058	2058				19.3 B(J)mag,
															2274
0052–401	MD6:93	0 52 33.99	0 54 54.72	19.1			2.09	H I 1216		1431	1431				
O		–40 9 36.4	–39 53 21.5					N V 1240		1948	1948				
								C IV 1549							
0052–293	SGP7:16	0 52 35.2	0 55 0.29	20.54		–1.16	1.663	C IV 1549		2058	2058				2058Bmag,
C		–29 20 1	–29 3 46.2					C III 1909							2058ubv
0052–283	SGP3:10	0 52 38.82	0 55 4.23	19.34		–.33	2.350	H I 1216		765	1400				
O		–28 23 47.1	–28 7 32.4					N V 1240		1878	765				
								C IV 1549		2058	1878				
											2058				
0052–289		0 52 40.91	0 55 6.12	18.07			0.602			2186	2186				
C		–28 56 47.8	–28 40 33.1							2274	2274				
0052–258	MD1:105	0 52 41.11	0 55 7.38	18.5			1.89	H I 1216		1948	1948				1948phot mag
O		–25 50 36.2	–25 34 21.6												
0052–285	SGP3:13	0 52 43.0	0 55 8.34	20.99		–.46	(0.112)			2058	2058				2058Bmag,
C		–28 33 40	–28 17 25.4												2058ubv,
															2058neml
0052–020		0 52 43.1	0 55 16.35	18.5			0.577			2216	2216				
O		–2 3 19	–1 47 4.6							2274	2274				
0052–290	S06	0 52 44.53	0 55 9.69	18.62			0.84			2187	2187				2187m(or)
C		–29 2 31.0	–28 46 16.4												
0052–403	MD6:94	0 52 50.14	0 55 10.73	18.5			1.25	C IV 1549		1948	1948				1948phot mag
O		–40 20 3.5	–40 3 48.9												
0052–311	MD1:106	0 52 50.86	0 55 15.25	18.0			0.350			1948	1948				1948phot mag
O		–31 8 32.0	–30 52 17.5												
0052–288	SGP3:38	0 52 51.4	0 55 16.60	19.14		–.82	0.636	Mg II 2798		1878	1878				1878Bmag
C		–28 53 34	–28 37 19.5					O II 3727		2058	2058				
0052–286	SGP3:22	0 52 51.8	0 55 17.10	20.60		–.17	(0.130)	O II 3727		1878	1878				1878Bmag
C		–28 37 2.0	–28 20 47.5												
0052–311	MD1:107	0 52 53.62	0 55 18.00	19.3			1.90	H I 1216		1948	1948				1948phot mag
O		–31 8 24.5	–30 52 10.0					Si IV 1397							0.06 arcmin
								O IV 1402							from 005250.86
															–310832.0,1948
0052–375	MD6:95	0 52 54.90	0 55 16.71	19.5			1.79	C IV 1549		1948	1948				1948phot mag
O		–37 34 8.2	–37 17 53.7												
0052–302	MD1:108	0 52 55.12	0 55 19.82	19.8			2.10	H I 1216		1948	1948				1948phot mag
O		–30 15 46.8	–29 59 32.4					C IV 1549							
0052–402	MD6:96	0 52 59.36	0 55 19.96	19.7			1.61	H I 1216		1431	1431				
O		–40 13 32.5	–39 57 18.1					N V 1240		1948	1948				
								C IV 1549							
0052–375	MD6:97	0 52 59.54	0 55 21.34	20.6			2.57	H I 1216		1948	1948				1948phot mag
O		–37 33 1.9	–37 16 47.5												1.44 arcmin
															from 005254.90
															–373408.2,1948
0053–278	S70	0 53 0.50	0 55 26.05	19.95			3.11	H I 1216		2187	2187				2187m(or)
C		–27 50 28.2	–27 34 13.9					N V 1240							
								C IV 1549							
0053+014		0 53 0.9	0 55 35.09	17.8			0.440			2216	2216				
O		1 24 22	1 40 36.1							2274	2274				
0053–258		0 53 2.07	0 55 28.28	19.64			2.23	C IV 1549		2187	2187				2187m(or)
C		–25 53 7.1	–25 36 52.8												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0053–303 C	S68	0 53 2.15 –30 20 1.9	0 55 26.80 –30 3 47.6	19.13			3.07	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0053–255 O	MD1:109	0 53 3.68 –25 32 14.7	0 55 30.00 –25 16 0.5	19.8			2.70	H I 1216 Si IV 1397 O IV 1402		1948	1948				1948phot mag
0053–280 O		0 53 9 –28 5 0	0 55 34.44 –27 48 45.8	17.86			0.146	Mg II 2798 H I 4340 H I 4861 O III 4959 O III 5007		2203	2202				
0053–350 O		0 53 11 –35 0 0	0 55 33.83 –34 43 45.8	18.8			2.304	H I 1216 N V 1240 C IV 1549		1247	1247				1431sp
0053–266 O		0 53 11.3 –26 39 2	0 55 37.23 –26 22 47.9	18.6			0.808			2274	2274				
0053–384 O	MD6:98	0 53 12.95 –38 26 33.8	0 55 34.31 –38 10 19.6	18.9	–.30		1.50	C IV 1549 He II 1640 C III 1909		1650 1948	1948				near NGC 300, 1650,2118; z in 1650 differs(0.379)
0053–294 C	SGP7:31	0 53 15.2 –29 24 41	0 55 40.15 –29 8 26.9	20.08		–.96	1.331	C III 1909		2058	2058				2058Bmag, 2058ubv
0053–286 C	SGP3:35	0 53 17.1 –28 38 36.5	0 55 42.32 –28 22 22.5	20.31		–.30	1.498+	C III 1909		1878 2058	1878 2058				1878Bmag, 2058BAL
0053–276 C	S14	0 53 17.18 –27 39 33.2	0 55 42.75 –27 23 19.2	18.34			1.54			2187	2187				2187m(or)
0053–286 C	SGP3:39	0 53 18.2 –28 40 23.5	0 55 43.41 –28 24 9.5	20.86		–.67	1.964	C IV 1549		1878 2058	2058				1878Bmag
0053–288 C	SGP3:37	0 53 18.3 –28 51 20.3	0 55 43.44 –28 35 6.3	19.32		.80	(0.130)	O II 3727		1878	1878				1878Bmag
0053–293 O	SGP7:37	0 53 19.5 –29 21 51	0 55 44.46 –29 5 37.0	19.59		–.88	2.029	H I 1216 N V 1240 C IV 1549		765 2058	765 2058				2058Bmag, 2058ubv pos & B(J)mag, 2274
0053–282 O	MD1:110	0 53 19.9 –28 13 49.0	0 55 45.26 –27 57 35.0	20.4			1.86	H I 1216 N V 1240 C IV 1549		765 1948	765 1948				pos & B(J)mag, 2274; 1948phot mag
0053–302 O	S41 MD1:111	0 53 20.36 –30 16 11.0	0 55 44.99 –29 59 57.0	19.3			2.43	H I 1216 C IV 1549		1948 2187	1948 2187				1948phot mag
0053–287 C	SGP3:31	0 53 24.2 –28 45 23.8	0 55 49.36 –28 29 9.9	19.59		–.75	1.706	O IV 1402 C IV 1549 He II 1640 C III 1909		1878 2058	1878 2058				1878Bmag
0053–424 O	MD6:99	0 53 25.92 –42 29 0.5	0 55 45.32 –42 12 46.5	19.7			2.25	H I 1216 N V 1240 C IV 1549		1431 1948	1431 1948				
0053–286 C	SGP3:27 CT 222 MD1:112	0 53 30.93 –28 36 26.7	0 55 56.13 –28 20 12.9	19.05		–.84	1.920	H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909		1324 1878 1948 2058	1878 1400 1948 2058 2202				1878Bmag
0053–255 O	MD1:113	0 53 31.29 –25 35 28.5	0 55 57.53 –25 19 14.7	19.2			1.43	C IV 1549 C III 1909		1948	1948				1948phot mag
0053–393 O	MD6:100	0 53 33.69 –39 23 46.9	0 55 54.54 –39 7 33.1	19.5			1.91	H I 1216		1948	1948				1948phot mag
0053–286 C	SGP3:20	0 53 33.8 –28 36 49.7	0 55 58.99 –28 20 35.9	20.76		–1.48	1.306	C IV 1549 C III 1909 Mg II 2798		1878 2058	1878 2058				1878Bmag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0053−376 O	MD6:101	0 53 33.98 −37 38 32.7	0 55 55.62 −37 22 18.9	20.1			1.53	C IV 1549		1948	1948				1948phot mag
0053−293 C	SGP7:33	0 53 35.0 −29 22 47	0 55 59.91 −29 6 33.3	20.81		−.54	1.303	C III 1909		2058	2058				2058Bmag, 2058ubv
0053−287 C	SGP3:34	0 53 37.0 −28 43 11.8	0 56 2.14 −28 26 58.1	19.27		−1.00	1.933	H I 1216 N V 1240 Si IV 1397 C IV 1549		1878 2058	1878 2058				1878Bmag
0053−285 C	SGP3:18	0 53 37.1 −28 30 12.3	0 56 2.32 −28 13 58.6	19.97		−.79	1.029	C III 1909 Mg II 2798		1878 2058	1878 2058				1878Bmag
0053−271 O		0 53 38.54 −27 9 10.1	0 56 4.23 −26 52 56.4	18.55		−1.13	1.040+	C III 1909 Mg II 2798		765	1400 1203			1203	1203ubv
0053−254 O	MD1:114	0 53 39.29 −25 26 19.7	0 56 5.57 −25 10 6.1	18.3			1.379	C IV 1549 C III 1909		1948	1948 LBQS				1948phot mag
0053+018 O		0 53 39.3 1 51 22	0 56 13.62 2 7 35.4	18.6			0.891			2216 2274	2216 2274				
0053−276 C	S83	0 53 40.07 −27 41 36.4	0 56 5.57 −27 25 22.8	19.41			3.36	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0053−015 O		0 53 41.2 −1 34 42	0 56 14.57 −1 18 28.6	18.3			2.062			2216 2274	2216 2274				
0053−027 O		0 53 42.7 −2 44 53	0 56 15.74 −2 28 39.6	17.9			1.210			2216 2274	2216 2274				
0053−280 O	MD1:115	0 53 43.00 −28 1 21.5	0 56 8.38 −27 45 7.9	19.5			2.84	H I 1216 Si IV 1397 O IV 1402		1948	1948				1948phot mag
0053−294 C	SGP7:39	0 53 43.5 −29 24 13	0 56 8.38 −29 7 59.4	19.01		−.29	0.271			2058	2058				2058Bmag, 2058ubv, 2058neml
0053−282 O		0 53 47.2 −28 13 25	0 56 12.49 −27 57 11.5	18.5			0.725			2274	2274				
0053−328 O		0 53 48.0 −32 51 0	0 56 11.57 −32 34 46.5	18.8			2.20	H I 1216 N V 1240 C IV 1549		1431	1431				
0053−404 O	MD6:102	0 53 51.50 −40 29 28.7	0 56 11.77 −40 13 15.2	19.2			2.82	H I 1216		1948	1948				1948phot mag
0053−295 C	SGP7:09	0 53 52.5 −29 30 14	0 56 17.32 −29 14 0.6	20.38		−1.06	1.969	C IV 1549		2058	2058				2058Bmag, 2058ubv
0053−002 O		0 53 55.6 −0 15 4	0 56 29.34 0 1 9.1	18.7			1.175			2216 2274	2216 2274				
0053−292 C	SGP7:36	0 53 59.0 −29 17 29	0 56 23.88 −29 1 15.7	20.76		−1.07	(1.206)	C III 1909		2058	2058				2058Bmag, 2058ubv
0053−284 O	DHM	0 53 59.89 −28 24 46.4	0 56 25.08 −28 8 33.1	18.25	1.30		3.616*	LYB 1026 O VI 1034 H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 He II 1640	3.5800 3.5068 3.2791 1.4398 1.3412	1131 2186	1251 1131 1874			1131 1874 2228 2263	1847ir Ly limit abs, z=3.585,1874, 2247
0054−292 O	SGP7:35 MD1:116	0 54 3.64 −29 17 16.8	0 56 28.51 −29 1 3.6	19.05		−.87	1.801	C IV 1549 C III 1909		1948 2058	2058 1948				2058Bmag, 2058ubv 1948phot mag
0054−419 O	MD6:103	0 54 6.15 −41 57 55.4	0 56 25.64 −41 41 42.1	20.6			0.78	Mg II 2798		1948	1948				1948phot mag
0054−275 O		0 54 6.36 −27 33 36.1	0 56 31.84 −27 17 22.9	18.92		−1.20	(1.26)	C IV 1549 C III 1909		765	1203 765				1203ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0054+020		0 54 10.3	0 56 44.67	18.4			1.873			2216	2216				
O		2 0 18	2 16 30.9							2274	2274				
0054-308	MD1:117	0 54 13.85	0 56 38.11	20.5			2.07	LYB 1026		1948	1948				1948phot mag
O		-30 51 14.7	-30 35 1.6					O VI 1034							
								H I 1216							
0054-267	S17	0 54 15.02	0 56 40.78	19.03			(1.63)			2187	2187				2187m(or)
C		-26 42 50.3	-26 26 37.3												
0054-411	MD6:104	0 54 17.13	0 56 36.99	20.1			1.96	H I 1216		1948	1948				1948phot mag
O		-41 7 34.5	-40 51 21.4												
0054-309	MD1:118	0 54 18.06	0 56 42.27	19.79			2.14	H I 1216		1948	1948				2187m(or)
O	S25	-30 57 44.4	-30 41 31.4					N V 1240		2187	2187				1948phot mag
								C IV 1549							
0054-293	S59	0 54 20.42	0 56 45.22	18.90			2.96	H I 1216		2187	2187				2187m(or)
C		-29 21 24.7	-29 5 11.8					N V 1240							
								C IV 1549							
0054-291	S44	0 54 20.78	0 56 45.65	19.0			2.53	LYB 1026		1948	1948				1948phot mag
O	MD1:119	-29 10 12.3	-28 53 59.4					H I 1216		2187	2187				
								Si IV 1397							
								O IV 1402							
0054-281		0 54 22.5	0 56 47.72	19.5			0.80	C III 1909		765	765				pos & B(J)mag,
O		-28 10 25.4	-27 54 12.5					C II 2326							2274
								Mg II 2798							
0054-310	MD1:120	0 54 27.71	0 56 51.87	18.6			1.788	H I 1216		1948	1948				1948phot mag
O		-31 0 59.8	-30 44 47.0					Si IV 1397			LBQS				3.85 arcmin
								O IV 1402							from 005418.06
								C IV 1549							-305744.4,1948
0054-256	MD1:121	0 54 30.97	0 56 57.08	19.3			2.03	H I 1216		1948	1948				1948phot mag
O		-25 36 10.0	-25 19 57.3					C IV 1549							
0054+144	PHL 909	0 54 31.94	0 57 9.92	16.7	-.10	-.40	0.171	Mg II 2798			030				029ubv,705,
C		14 29 58.6	14 46 11.0					H I 4340							1202pol,850,
X								H I 4861							853,921rnd,
								O III 5007							912,1488,
															1781x,921,992,
															1617,2018ir,
															1864ext,
															921phot,
															1194imag,
															2100FeIIem
0054-299	S09	0 54 32.55	0 56 57.09	19.18			0.96			2187	2187				2187m(or)
C		-29 57 40.4	-29 41 27.7												
0054-295	MD1:122	0 54 32.92	0 56 57.61	19.3			2.04	H I 1216		765	765				1948phot mag;
O		-29 34 3.6	-29 17 50.9					N V 1240		1948	1948				pos & B(J)mag,
								C IV 1549							2274
								He II 1640							
0054-277	SGP4:45	0 54 35.8	0 57 1.15	19.45		-.74	(0.348)	Mg II 2798		2058	2058				2058Bmag,
C		-27 44 12	-27 27 59.3												2058ubv
0054+026		0 54 36.4	0 57 10.94	17.6			1.654			2216	2216				
O		2 36 15	2 52 27.4							2274	2274				
0054-366		0 54 42.0	0 57 3.85	18.5			2.10	H I 1216		1431	1431				
O		-36 36 0	-36 19 47.4					N V 1240							
								C IV 1549							
0054-308	MD1:123	0 54 42.95	0 57 7.15	19.5			1.52	C IV 1549		1948	1948				1948phot mag
O		-30 48 8.0	-30 31 55.4					C III 1909							
0054-006	PKS	0 54 43.41	0 57 17.02	19.1			2.777+	H I 1216		028	1304		351	024	1092ir,761,
R		-0 40 45.6	-0 24 33.3					N V 1240			024		1527		986sp,
								Si II 1263					1818		1526vlbi,
								Si IV 1397					2162		1818pos
								O IV 1402							pos & B(J)mag,
								C IV 1549							2274
0054-310	MD1:124	0 54 48.68	0 57 12.77	20.5			2.09	H I 1216		1948	1948				1948phot mag
O		-31 1 56.7	-30 45 44.2					C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0054-260	MD1:125	0 54 55.48	0 57 21.38	19.2			1.65	C IV 1549		1948	1948				1948phot mag
O		-26 1 51.9	-25 45 39.6					C III 1909							
0054-409	MD6:105	0 54 58.80	0 57 18.57	19.8			1.97	H I 1216		1948	1948				1948phot mag
O		-40 57 33.2	-40 41 20.8												
0054-278	SGP4:41	0 54 59.3	0 57 24.56	19.49		-1.06	1.209	C III 1909		2058	2058				2058Bmag,
C		-27 48 12	-27 31 59.7												2058ubv
0055-387	MD6:106	0 55 1.78	0 57 22.60	18.4			2.35	H I 1216		1431	1431				
O		-38 44 42.9	-38 28 30.6					N V 1240		1948	1948				
								C IV 1549							
0055+016		0 55 2.8	0 57 37.09	18.6			2.232			2216	2216				
O		1 41 41	1 57 52.9							2274	2274				
0055-271	MD1:126	0 55 6.62	0 57 32.09	19.9			1.82	H I 1216		1948	1948				1948phot mag
O		-27 11 12.9	-26 55 0.8												
0055-428	MD6:107	0 55 8.26	0 57 27.03	20.2			2.28	H I 1216		1948	1948				1948phot mag
O		-42 51 12.8	-42 35 0.6												
0055-277	CT 250	0 55 9.66	0 57 34.92	18.77		-.39	2.186	O VI 1034		1324	1203				1203ubv
C	MD1:127	-27 44 40.2	-27 28 28.1					H I 1216		1948	1400				Two faint
	SGP4:14							N V 1240		2058	1436				gals near,1203
								Si IV 1397			1948				3.08 arcmin
								C IV 1549			2058				from UGC 0554,
											2202				2118
0055-285	MD1:128	0 55 13.13	0 57 38.09	19.9			2.76	H I 1216		1948	1948				1948phot mag
O		-28 32 34.8	-28 16 22.8												
0055-259	CT 251	0 55 14.32	0 57 40.20	18.7			0.584	Mg II 2798		1324	1436				
C		-25 59 5.5	-25 42 53.5					O II 3727			2202				
0055-020		0 55 15.3	0 57 48.53	18.6			1.983			2216	2216				
O		-2 0 36	-1 44 24.2							2274	2274				
0055-288	SGP1:39	0 55 19.1	0 57 43.92	20.70		-1.27	1.388	C IV 1549		1878	1878				1878Bmag
C		-28 52 39.4	-28 36 27.5					C III 1909		2058	2058				
0055-415	MD6:108	0 55 21.83	0 57 41.19	20.3			1.80	H I 1216		1948	1948				1948phot mag
O		-41 35 30.4	-41 19 18.4												
0055+156	PHL 915	0 55 23.36	0 58 1.74	18.4	-.10	-.40	1.263	C IV 1549			030				029ubv,853rnd
C		15 37 3.7	15 53 15.2					C III 1909							
0055-280	SGP4:37	0 55 27.3	0 57 52.41	20.97		-.63	1.691	C IV 1549		2058	2058				2058Bmag,
C		-28 1 29	-27 45 17.2					C III 1909							2058ubv
0055-308	S35	0 55 27.76	0 57 51.82	18.59			2.36	H I 1216		2187	2187				2187m(or)
C		-30 50 30.8	-30 34 19.0					N V 1240							
								C IV 1549							
0055-402	MD6:109	0 55 28.90	0 57 48.89	19.5			1.90	H I 1216		1948	1948				1948phot mag
O		-40 16 24.0	-40 0 12.2					He II 1640							
0055-277	SGP4:10	0 55 29.0	0 57 54.22	20.57		-1.02	(0.907)	Mg II 2798		2058	2058				2058Bmag,
C		-27 43 12	-27 27 0.3												2058ubv
0055-021		0 55 31.7	0 58 4.90	17.5			0.239			2216	2216				
O		-2 6 28	-1 50 16.5							2274	2274				
0055-269		0 55 32.46	0 57 57.94	17.1			3.656*	O VI 1034	3.6764	1482	1622			1874	18.9 B(J)mag,
O		-26 59 26.8	-26 43 15.1					H I 1216	3.6013	2186	1482			2059	2274
								N V 1240	3.1943		1874			2125	
								Si IV 1397	3.1910					2228	
								O IV 1402	2.9494					2243	
									1.5335					2263	
0055-280	SGP4:29	0 55 34.8	0 57 59.88	19.57		-.75	1.650	C IV 1549		2058	2058				2058Bmag,
C		-28 3 44	-27 47 32.4					C III 1909							2058ubv
0055+024		0 55 35.3	0 58 9.80	18.6			0.373			2216	2216				
O		2 25 44	2 41 55.4							2274	2274				
0055-284		0 55 38.42	0 58 3.34	18.87		-.35	0.648	Mg II 2798		1203	1203				1203ubv
O		-28 28 23.4	-28 12 11.8					O III 3133			1400				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0055–254	S58	0 55 40.78	0 58 6.80	18.7			2.94	H I 1216		1948	1948				1948phot mag
O	MD1:129	–25 24 33.4	–25 8 21.9							2187	2187				
0055–375	MD6:110	0 55 41.96	0 58 3.19	20.2			2.40	H I 1216		1948	1948				1948phot mag
O		–37 30 30.2	–37 14 18.6					C IV 1549							
0055–416		0 55 42.5	0 58 1.74	18.0			2.64	H I 1216		1431	1431				
O		–41 39 20	–41 23 8.4					N V 1240							
								C IV 1549							
0055–288	SGP1:17	0 55 42.9	0 58 7.68	20.09		–1.31	1.278	C IV 1549		1878	1878				1878Bmag
C		–28 50 12.2	–28 34 0.7					C III 1909		2058	2058				
								Mg II 2798							
0055–298	CT 264	0 55 43.32	0 58 7.73	19.0			0.663			1324	2274				z differs in
C		–29 48 59.1	–29 32 47.6							2274					1436
0055–428	MD6:111	0 55 46.34	0 58 4.95	19.9			2.38	H I 1216		1948	1948				1948phot mag
O		–42 50 24.9	–42 34 13.4					C IV 1549							
0055–258	MD1:130	0 55 46.78	0 58 12.62	20.3			2.14	H I 1216		1948	1948				1948phot mag
O		–25 52 3.2	–25 35 51.8					C IV 1549							
0055–339		0 55 48.0	0 58 10.77	17.9			(0.83)	Mg II 2798		1431	1431				
O		–33 55 0	–33 38 48.6												
0055–277	S37	0 55 48.78	0 58 13.96	19.71			2.43	H I 1216		2187	2187				2187m(or)
C		–27 42 0.4	–27 25 49.0					N V 1240							
								C IV 1549							
0055–285	SGP1:10	0 55 48.9	0 58 13.77	20.86		–.72	0.426	O II 3727		1878	1878				1878Bmag,
C		–28 32 9.0	–28 15 57.6					H I 4861		2058	2058				2058neml
								O III 4959							
								O III 5007							
0055+004	UM 294	0 55 50.8	0 58 24.73	17.7			1.92	H I 1216		446	480		866		901pol
O		0 25 3	0 41 14.1					Si IV 1397							
R								C IV 1549							
0055–379	MD6:112	0 55 51.61	0 58 12.61	19.6			1.83	H I 1216		1948	1948				1948phot mag
O		–37 56 30.3	–37 40 18.9					C IV 1549							
0055–277	SGP4:25	0 55 53.0	0 58 18.15	19.91		–.74	1.606	C IV 1549		2058	2058				2058Bmag,
C		–27 44 59	–27 28 47.7					C III 1909							2058ubv
0055–277	SGP4:16	0 55 59.4	0 58 24.55	20.43		–.59	0.211			2058	2058				2058Bmag,
C		–27 42 16	–27 26 4.8												2058ubv,
															2058neml
0056–385	MD6:113	0 56 3.32	0 58 23.99	19.7			2.05	H I 1216		1948	1948				1948phot mag
O		–38 33 50.0	–38 17 38.8					C IV 1549							
0056+126	PHL 921	0 56 3.42	0 58 40.95	17.9	–.10	–.40	1.088*	C IV 1549	1.058		030			030	029ubv,853rnd
C		12 40 7.2	12 56 18.0					C III 1909						2228	
								Mg II 2798						2263	
0056–279	SGP4:04	0 56 6.6	0 58 31.66	20.76		–.36	2.861	H I 1216		2058	2058				2058Bmag,
C		–27 54 7	–27 37 55.9							2186					2058ubv
0056–303	S23	0 56 7.76	0 58 31.88	19.97			2.10	C IV 1549		2187	2187				2187m(or)
C		–30 23 15.9	–30 7 4.8												
0056–279	SGP4:02	0 56 11.1	0 58 36.15	20.87		–.57	1.692	C IV 1549		2058	2058				2058Bmag,
C		–27 54 30	–27 38 19.0					C III 1909							2058ubv
0056–423	MD6:114	0 56 11.26	0 58 30.02	20.0			2.11	H I 1216		1431	1431				
O		–42 20 47.1	–42 4 36.0					N V 1240		1948	1948				
								C IV 1549							
0056–293	S08	0 56 11.75	0 58 36.27	18.71			0.91			2187	2187				2187m(or)
C		–29 18 32.2	–29 2 21.2												
0056–287	SGP1:07	0 56 12.5	0 58 37.24	20.11		–.65	0.828	Mg II 2798		1878	1878				1878Bmag
C		–28 43 27.3	–28 27 16.3							2058	2058				
0056–400	MD6:115	0 56 14.11	0 58 34.04	19.2			2.02	H I 1216		1948	1948				1948phot mag
O		–40 0 50.4	–39 44 39.4					C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0056–363 O		0 56 15.8 –36 22 17	0 58 37.42 –36 6 6.0	16.7	–.20		0.162			1650	1650				101 arcmin from NGC 300, 1650,2118
0056–286 C	SGP1:16	0 56 18.0 –28 41 44.8	0 58 42.74 –28 25 33.9	20.48		–.58	(0.965)	Mg II 2798		1878 2058	1878 2058				1878Bmag
0056–287 C	SGP1:04	0 56 18.1 –28 45 54.2	0 58 42.81 –28 29 43.3	19.91		–.91	1.740	Si IV 1397 C IV 1549		1878 2058	1878 2058				1878Bmag
0056–405 O	MD6:116	0 56 19.74 –40 30 34.8	0 58 39.41 –40 14 23.9	20.1			2.14	H I 1216		1948	1948				1948phot mag
0056–292 C	CT 271 MD1:131	0 56 20.85 –29 15 35.4	0 58 45.37 –28 59 24.6	18.7			1.255	H I 1216 C IV 1549 He II 1640 C III 1909 Mg II 2798		765 1324 1948	1436 1948 2202				z in 1436 differs (1.25)
0056–394 O	MD6:117	0 56 21.02 –39 24 51.2	0 58 41.22 –39 8 40.3	18.6			1.409	C IV 1549		1431 1650 1948	1431 1650 1948				100 arcmin from NGC 300, 1650
0056–277 C	SGP4:27	0 56 27.5 –27 45 42	0 58 52.56 –27 29 31.3	20.34		–.50	(0.560)	Mg II 2798		2058	2058				2058Bmag, 2058ubv
0056–277 C	SGP4:09	0 56 30.0 –27 47 51	0 58 55.04 –27 31 40.4	20.42		–.59	1.159	C III 1909		2058	2058				2058Bmag, 2058ubv
0056–278 C	SGP4:05	0 56 30.5 –27 48 43	0 58 55.54 –27 32 32.4	20.18		–.27	0.101			2058	2058				2058Bmag, 2058ubv, 2058neml
0056–001 C X R	PHL 923 4C 00.06 PKS OB 094 DA 32	0 56 31.73 –0 9 19.2	0 59 5.49 0 6 51.2	17.02	.20	–.70	0.717	C III 1909 Mg II 2798		001	1513 002 005		128 789 1266 1527 1792 1877 1888		001,003ubv, 1119rvar, 1350x,1201pol, 057,079fc, 1526vlbi, 1810pos 1902avg ph mag
0056–290 C	SGP1:20 MD1:132	0 56 34.52 –29 5 31.2	0 58 59.07 –28 49 20.6	19.87		–1.54	1.341	C IV 1549 C III 1909 Mg II 2798		1878 1948 2058	1878 1948 2058				1878Bmag
0056–277 C	SGP4:07	0 56 35.8 –27 47 18	0 59 0.83 –27 31 7.5	20.86		–.94	0.683	Mg II 2798		2058	2058				2058Bmag, 2058ubv
0056–279 C	SGP4:08	0 56 36.5 –27 56 41	0 59 1.47 –27 40 30.5	20.82		–.27	(0.329)			2058	2058				2058Bmag, 2058ubv, 2058neml
0056–287 O		0 56 41.3 –28 43 14	0 59 5.97 –28 27 3.6	17.8			0.934			2274	2274				
0056+014 O	PC	0 56 43.4 1 25 55.8	0 59 17.62 1 42 5.9	18.9			3.154+			1698	1698				1698rmag
0056–310 O	MD1:133	0 56 43.70 –31 1 53.7	0 59 7.47 –30 45 43.3	19.0			1.54	C IV 1549 C III 1909		1948	1948				1948phot mag
0056–281 C	SGP4:39	0 56 44.1 –28 7 34	0 59 8.99 –27 51 23.6	20.85		–1.10	1.716	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
0056+001 O		0 56 44.4 0 9 9	0 59 18.25 0 25 19.1	18.0			0.613			2216 2274	2216 2274				
0056–026 O		0 56 47.3 –2 41 51	0 59 20.32 –2 25 40.9	18.9			2.226			2274	2274				
0056–370 O		0 56 47.3 –37 3 30	0 59 8.51 –36 47 19.6	18.5			2.26	H I 1216 C IV 1549		1289	1289				
0056–408 O	MD6:118	0 56 47.50 –40 49 57.2	0 59 6.89 –40 33 46.8	19.3			1.97	H I 1216		1948	1948				1948phot mag
0056–293 C	S13	0 56 50.67 –29 21 49.0	0 59 15.07 –29 5 38.7	18.59			1.40			2187	2187				2187m(or)

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0056-426	MD6:119	0 56 50.75	0 59 9.18	20.2			1.50	C IV 1549		1948	1948				1948phot mag
O		-42 39 17.6	-42 23 7.2					C III 1909							
0056-290	SGP1:22	0 56 51.8	0 59 16.33	20.79		-.81	(1.281)	C IV 1549		1878	1878				1878Bmag
C		-29 1 47.2	-28 45 37.0					C III 1909		2058	2058				
								Mg II 2798							
0056-290	SGP1:21	0 56 51.9	0 59 16.41	20.47		-.54	2.170	H I 1216		1878	1878				1878Bmag
C		-29 4 11.4	-28 48 1.2					C IV 1549		2058	2058				
0056-305	S15	0 56 52.74	0 59 16.69	19.01			1.59			2187	2187				2187m(or)
C		-30 30 42.8	-30 14 32.6												
0056+013		0 56 54.5	0 59 28.69	18.1			1.101			2216	2216				
O		1 18 22	1 34 31.9							2274	2274				
0056-298		0 56 58.1	0 59 22.31	18.4			0.351			2274	2274				
O		-29 48 19	-29 32 8.9												
0057-285	SGP1:03	0 57 1.8	0 59 26.46	19.45		-.53	0.662	Mg II 2798		1878	1878				1878Bmag
C		-28 35 42.9	-28 19 32.8							2058	2058				
0057-279	SGP4:33	0 57 4.6	0 59 29.48	19.96		-.99	1.195	C III 1909		2058	2058				2058Bmag,
C		-27 59 47	-27 43 37.0												2058ubv
0057-414	MD6:120	0 57 6.12	0 59 25.12	18.0			2.06	H I 1216		1948	1948				1948phot mag
O		-41 26 52.9	-41 10 42.8					C IV 1549							
0057-286	SGP1:05	0 57 7.2	0 59 31.84	20.63		-.60	(0.454)	Mg II 2798		1878	1878				1878Bmag
C		-28 38 11.8	-28 22 1.8					Ne V 3426		2058	2058				
0057-375	MD6:121	0 57 7.37	0 59 28.29	20.0			2.72	H I 1216		1948	1948				1948phot mag
O		-37 31 5.2	-37 14 55.2												
0057-015		0 57 15.5	0 59 48.84	17.9			0.325			2216	2216				
O		-1 35 16	-1 19 6.4							2274	2274				
0057-308	S48	0 57 18.81	0 59 42.56	19.27			2.67	H I 1216		2187	2187				2187m(or)
C		-30 49 36.9	-30 33 27.1					N V 1240							
								C IV 1549							
0057-279	MD1:134	0 57 19.07	0 59 43.95	19.1			1.73	Si IV 1397		1948	1948				1948phot mag
O		-27 54 38.9	-27 38 29.2					O IV 1402							
								1459							
0057-295	MD1:135	0 57 19.60	0 59 43.83	20.0			2.08	H I 1216		1948	1948				1948phot mag
O		-29 35 47.0	-29 19 37.3					C IV 1549							
0057-370	MD4:1	0 57 20.15	0 59 41.25	20.3			2.00	H I 1216		1948	1948				1948phot mag
O		-37 2 32.6	-36 46 22.8												
0057-286	SGP1:06	0 57 20.3	0 59 44.91	20.90		-.88	1.564	C IV 1549		1878	1878				1878Bmag
C		-28 37 40.0	-28 21 30.3					C III 1909		2058	2058				
0057-294	MD1:136	0 57 23.17	0 59 47.46	19.5			2.72	H I 1216		1948	1948				1948phot mag
O		-29 25 31.8	-29 9 22.1												
0057-259	CT 282	0 57 23.44	0 59 49.04	19.0			0.315	Mg II 2798		1324	1436				
C		-25 55 42.5	-25 39 32.9					H I 4340			2202				
0057-282	S57	0 57 23.68	0 59 48.41	19.1			2.96	LYB 1026		1948	1948				1948phot mag
O	MD1:137	-28 16 12.8	-28 0 3.1					O VI 1034		2187	2187				
								H I 1216							
0057+311	1E	0 57 26.1	1 0 10.18	18.5	.20	-.91	0.287	H I 4861		1269	1269				1269ubv,
X		31 10 55	31 27 4.1					O III 5007							1910sp
0057+000		0 57 28.5	1 0 2.31	17.2			0.776			2216	2216				
O		0 0 33	0 16 42.3							2274	2274				
0057-430		0 57 29.1	0 59 47.16	18.5			0.46	Mg II 2798		1431	1431				
O		-43 2 11	-42 46 1.3												
0057-321		0 57 29.7	0 59 52.89	18.0			2.26	H I 1216		1289	1289				
O		-32 8 12	-31 52 2.4					C IV 1549							
0057-265	MD1:138	0 57 30.16	0 59 55.53	18.5			1.042	C IV 1549		1948	1948				1948phot mag
O		-26 30 21.0	-26 14 11.5					C III 1909			LBQS				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0057–288 C	SGP1:31	0 57 30.47 –28 48 50.6	0 59 54.98 –28 32 41.1	20.28		–.49	2.867	H I 1216		1878 2186	2058				1878Bmag
0057–398 O		0 57 33.1 –39 48 6	0 59 52.83 –39 31 56.4	19.3			3.24 +	H I 1216 N V 1240		1431	1431				1431BAL
0057–283 O	MD1:139	0 57 36.89 –28 20 2.1	1 0 1.56 –28 3 52.7	19.3			2.49	H I 1216 C IV 1549		765 1409 1948	1948				z in 765 differs
0057+025 O		0 57 37.1 2 30 47	1 0 11.65 2 46 56.1	18.3			0.716			2216 2274	2216 2274				
0057–398 O	MD6:122	0 57 38.45 –39 52 5.1	0 59 58.13 –39 35 55.6	19.3			2.04	H I 1216 C IV 1549		1948	1948				1948phot mag
0057–357 O		0 57 40.6 –35 46 22	1 0 2.20 –35 30 12.6	19.0			2.08	H I 1216 C IV 1549		1289	1289				
0057–310 C	S21	0 57 40.72 –31 5 26.2	1 0 4.31 –30 49 16.8	19.32			1.76	C IV 1549		2187	2187				2187m(or)
0057–291 O		0 57 41.3 –29 8 17	1 0 5.66 –28 52 7.7	18.5			0.49	Mg II 2798		765	765				
0057–024 O		0 57 43.3 –2 25 23	1 0 16.39 –2 9 13.9	18.6			2.009			2216 2274	2216 2274				
0057–259 O	MD1:140	0 57 44.06 –25 54 17.1	1 0 9.62 –25 38 7.8	20.3			2.00	H I 1216		1948	1948				1948phot mag
0057–254 O	MD1:141	0 57 45.53 –25 29 26.4	1 0 11.24 –25 13 17.2	19.2			1.99	H I 1216 C IV 1549		1948	1948				1948phot mag
0057–274 C	S87	0 57 47.28 –27 25 1.6	1 0 12.28 –27 8 52.4	18.73			3.52	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0057–352 O	MD4:2	0 57 47.45 –35 16 20.0	1 0 9.25 –35 0 10.7	19.6			2.05	H I 1216 C IV 1549		1948	1948				1948phot mag
0057–352 O		0 57 48.0 –35 16 0	1 0 9.80 –34 59 50.7	19.4			2.05	H I 1216 N V 1240 C IV 1549		1289 1431	1431 1289				
0057–421 O	MD6:123	0 57 48.54 –42 9 22.1	1 0 6.99 –41 53 12.8	20.3			1.81	H I 1216		1948	1948				1948phot mag
0057–371 O	MD4:3	0 57 48.86 –37 8 13.8	1 0 9.81 –36 52 4.5	20.1			2.17	H I 1216 N V 1240 C IV 1549		1289 1431 1948	1431 1289 1948				
0057–423 O	MD6:124	0 57 48.88 –42 20 21.3	1 0 7.23 –42 4 12.0	19.6			2.02	H I 1216 C IV 1549		1948	1948				1948phot mag
0057–302 C		0 57 50.16 –30 16 36.0	1 0 14.05 –30 0 26.8	18.61			2.90			2186	2186				
0057–288 C	S38	0 57 50.64 –28 51 32.4	1 0 15.08 –28 35 23.2	18.16			2.43	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0057–288 O		0 57 50.8 –28 51 34	1 0 15.24 –28 35 24.8	19.0			1.68	C IV 1549 C III 1909		765 1409	765				
0057–283 O		0 57 51.3 –28 21 1.4	1 0 15.93 –28 4 52.3	19.7			2.30	H I 1216 N V 1240		765	765				pos & B(J)mag, 2274
0057–358 O	MD4:4	0 57 51.87 –35 50 5.5	1 0 13.41 –35 33 56.3	17.5			1.55	C IV 1549 C III 1909		1289 1948	1289 1948				
0057–259 O	MD1:142	0 57 52.94 –25 55 16.3	1 0 18.48 –25 39 7.2	20.4			2.55	H I 1216		1948	1948				1948phot mag 2.22 arcmin from 005744.06 –255417.1,1948
0057–274 C	MD1:143	0 57 56.69 –27 29 45.7	1 0 21.63 –27 13 36.7	18.90		–.78	1.67	C IV 1549 C III 1909		1203 1948	1948				1203ubv z in 1203 differs

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0057–350	MD4:5	0 57 58.45	1 0 20.32	20.9			2.64	H I 1216		1948	1948				1948phot mag
O		–35 2 4.2	–34 45 55.1												
0057–281	MD1:144	0 57 59.05	1 0 23.72	20.5			2.12	H I 1216		1948	1948				1948phot mag
O		–28 11 53.9	–27 55 44.9												
0057–350	MD4:6	0 57 59.40	1 0 21.26	19.7			1.97	H I 1216		1948	1948				1948phot mag
O		–35 2 38.7	–34 46 29.6					C IV 1549							0.61 arcmin
															from 005758.45
															–350204.2,1948
0058–290		0 58 4.1	1 0 28.42	19.6			2.22	H I 1216		765	765				pos & B(J)mag,
O		–29 3 50.9	–28 47 42.0					N V 1240							2274
0058–260	MD1:145	0 58 6.16	1 0 31.61	18.4			2.472	H I 1216		1948	1948				1948phot mag
O		–26 4 43.5	–25 48 34.7								LBQS				
0058–306	MD1:146	0 58 7.20	1 0 30.89	19.1			2.11	H I 1216		1948	1948				1948phot mag
O		–30 38 16.2	–30 22 7.3					C IV 1549							
0058–337	MD4:7	0 58 9.51	1 0 31.90	19.2			2.49	H I 1216		1948	1948				1948phot mag
O		–33 46 8.2	–33 29 59.3					O IV 1402							
0058–024		0 58 11.6	1 0 44.67	18.6			2.226			2216	2216				
O		–2 27 26	–2 11 17.5							2274	2274				
0058–259	CT 289	0 58 13.98	1 0 39.47	18.2			0.156	Mg II 2798		1324	1436				
C		–25 54 33.8	–25 38 25.1					H I 4861			2202				
								O III 4959							
								O III 5007							
0058–325	MD4:8	0 58 16.48	1 0 39.38	17.2			1.57	C IV 1549		1948	1948				1948phot mag
O		–32 31 2.3	–32 14 53.6					C III 1909							
0058+019	PHL 938	0 58 19.7	1 0 54.08	16.55*	.32	–.88	1.961*	H I 1216	1.5922	035	034	1068		034	035ubv,705,
C	UM 297	1 55 28	2 11 36.4					N V 1240	1.4636		035	2174		036	1202pol,853,
								Si IV 1397	1.2610		446			489	872rnd,
								O IV 1402	1.2450		480			1872	1513•lp,446fc,
								N IV 1488	1.2103		1872			1873	037,038,324,
								C IV 1549	0.6128		2251			2228	582sp
								He II 1640						2263	1902avg Bmag
								N III 1750							
								C III 1909							
								Mg II 2798							
0058–392	MD6:125	0 58 20.24	1 0 40.04	19.4			2.63	H I 1216		1948	1948				1948phot mag
O		–39 17 37.7	–39 1 29.0					O IV 1402							
0058–415	MD6:126	0 58 22.01	1 0 40.63	17.6			1.29	C III 1909		1948	1948				1948phot mag
O		–41 34 38.3	–41 18 29.6												
0058–263	S65	0 58 23.92	1 0 49.24	19.80			3.05	H I 1216		2187	2187				2187m(or)
C		–26 19 38.1	–26 3 29.6					N V 1240							
								C IV 1549							
0058–290	S10	0 58 24.66	1 0 48.95	19.96			1.14			2187	2187				2187m(or)
C		–29 0 30.8	–28 44 22.3												
0058–405	MD6:127	0 58 28.05	1 0 47.17	19.6			2.32	H I 1216		1948	1948				1948phot mag
O		–40 35 3.8	–40 18 55.2					C IV 1549							
0058–027		0 58 31.2	1 1 4.18	19.1			1.231			2274	2274				
O		–2 44 3	–2 27 54.8												
0058–286	MD1:147	0 58 32.69	1 0 57.09	20.1			2.30	H I 1216		765	765				
O		–28 40 45.6	–28 24 37.2					N V 1240		1948	1948				
0058–293	CT 294	0 58 34.53	1 0 58.68	18.6			1.19	C IV 1549		1324	1436				
C	MD1:148	–29 19 1.8	–29 2 53.5					He II 1640		1948	1948				
								C III 1909			2202				
0058–026		0 58 34.7	1 1 7.72	18.3			0.902			2216	2216				
O		–2 36 49	–2 20 40.9							2274	2274				
0058–291		0 58 35.6	1 0 59.82	18.4			0.866			2274	2274				
O		–29 7 23	–28 51 14.7												
0058–261	MD1:149	0 58 35.75	1 1 1.09	20.5			2.42	H I 1216		1948	1948				1948phot mag
O		–26 11 29.1	–25 55 20.8					C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0058–269	MD1:150	0 58 39.71	1 1 4.77	19.7			2.28	H I 1216		765	765				pos & B(J)mag,
O		–26 55 14.3	–26 39 6.1					N V 1240		1948	1948				2274
0058–292	S66	0 58 40.45	1 1 4.61	18.47			3.07	H I 1216		2187	2187				2187m(or)
C		–29 14 9.3	–28 58 1.1					N V 1240							
								C IV 1549							
0058–285	CT 295	0 58 41.31	1 1 5.75	18.8			1.001	C III 1909		1324	1948				pos & B(J)mag,
C	MD1:151	–28 31 0.6	–28 14 52.4					Mg II 2798		1948	1436				2274
											2202				
0058–294	S16	0 58 42.43	1 1 6.52	20.4			1.62	C IV 1549		765	2187				
O		–29 24 6.8	–29 7 58.6							2187					
0058–267		0 58 43.4	1 1 8.52	19.3			2.84	H I 1216		765	765				pos & B(J)mag,
O		–26 43 29.4	–26 27 21.2					N V 1240							2274
0058+023		0 58 45.6	1 1 20.10	17.7			0.929			2216	2216				
O		2 18 22	2 34 29.9							2274	2274				
0058–024		0 58 49.8	1 1 22.86	18.2			1.691			2216	2216				
O		–2 28 56	–2 12 48.2							2274	2274				
0058–341	MD4:9	0 58 50.02	1 1 12.12	21.1			2.18	H I 1216		1948	1948				1948phot mag
O		–34 8 26.1	–33 52 18.0												
0058+013		0 58 54.6	1 1 28.82	17.6			1.432			2216	2216				
O		1 21 37	1 37 44.7							2274	2274				
0058–270		0 58 57.64	1 1 22.59	19.5			1.889*	N V 1240	1.87	765	1400			1400	BAL?
O		–27 5 42.6	–26 49 34.7					Si IV 1397	1.83		765			2228	pos & B(J)mag,
								C IV 1549	1.80						2274
								C III 1909							
0058+020		0 58 59.7	1 1 34.14	18.5			0.599			2210	2216				
O		2 5 47	2 21 54.6							2216	2210				
0059–287	S89	0 59 1.67	1 1 25.96	18.70			3.72	H I 1216		2187	2187				2187m(or)
C		–28 45 44.0	–28 29 36.2					N V 1240							
								C IV 1549							
0059+017		0 59 2.2	1 1 36.55	18.0			1.143			2216	2216				
O		1 47 4	2 3 11.6							2274	2274				
0059–304	S26	0 59 6.62	1 1 30.23	19.1			2.15	H I 1216		1948	1948				1948phot mag
O	MD1:152	–30 25 50.0	–30 9 42.3					C IV 1549		2187	2187				
0059–274	CT 298	0 59 8.23	1 1 33.00	18.8			0.187	Mg II 2798		1324	1436				
C		–27 29 3.0	–27 12 55.3					H I 4102			2202				
								H I 4340							
								H I 4861							
								O III 4959							
								O III 5007							
0059–021		0 59 9.1	1 1 42.26	18.4			2.290			2216	2216				
O		–2 7 59	–1 51 51.5							2274	2274				
0059–288	S01	0 59 10.57	1 1 34.79	18.06			0.62			2187	2187				2187m(or)
C		–28 53 36.9	–28 37 29.2												
0059–372	MD4:10	0 59 11.85	1 1 32.44	19.5			2.20	H I 1216		1289	1289				
O	MD6:128	–37 16 39.8	–37 0 32.1					C IV 1549		1948	1948				
0059–416	MD6:129	0 59 11.96	1 1 30.33	20.0			2.33	H I 1216		1948	1948				1948phot mag
O		–41 39 5.3	–41 22 57.6					C IV 1549							
0059–288	MD1:153	0 59 12.21	1 1 36.46	19.3			2.00	H I 1216		1948	1948				1948phot mag
O		–28 48 43.5	–28 32 35.9					C IV 1549							
0059–368	MD4:11	0 59 13.10	1 1 33.88	20.3			1.44	C IV 1549		1948	1948				1948phot mag
O		–36 52 40.8	–36 36 33.1					C III 1909							
0059–420	MD6:130	0 59 13.27	1 1 31.42	19.5			2.20	H I 1216		1948	1948				1948phot mag
O		–42 2 57.5	–41 46 49.8												
0059–254		0 59 14.9	1 1 40.44	17.6			0.454+			2274	2274				
O		–25 25 6	–25 8 58.5												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0059–297 O	MD1:154	0 59 15.59 –29 43 49.1	1 1 39.46 –29 27 41.5	20.1			2.21	H I 1216 N V 1240		765 1409 1948	765 1948				
0059+000 O		0 59 17.3 0 4 21	1 1 51.13 0 20 28.3	18.6			0.323			2216 2274	2216 2274				
0059–335 O	MD4:12	0 59 18.14 –33 33 20.7	1 1 40.41 –33 17 13.1	18.1			1.47	C IV 1549 C III 1909		1948	1948				1948phot mag
0059–414 O	MD6:131	0 59 20.88 –41 27 8.0	1 1 39.32 –41 11 0.4	20.1			2.16	H I 1216		1948	1948				1948phot mag
0059–257 O		0 59 21.4 –25 45 59	1 1 46.79 –25 29 51.6	18.5			1.955			2274	2274				
0059–264 O	MD1:155	0 59 27.81 –26 25 5.9	1 1 52.94 –26 8 58.6	18.93		–.84	2.109+	H I 1216 N V 1240 C IV 1549 C III 1909		765 1948	1400 765 1948			1400	1203ubv
0059–340 O	MD4:13	0 59 30.39 –34 4 56.2	1 1 52.39 –33 48 48.9	19.8			1.99	H I 1216 C IV 1549		1948	1948				1948phot mag
0059–361 O		0 59 31.2 –36 6 9	1 1 52.28 –35 50 1.7	18.3	.20		0.901			1650	1650				near NGC 300, 1650
0059–021 O		0 59 32.4 –2 6 46	1 2 5.56 –1 50 39.0	18.0			1.321+			2216 2274	2216 2274				2216BAL
0059–345 O	MD4:14	0 59 35.34 –34 30 11.0	1 1 57.13 –34 14 3.8	18.5			0.427	Mg II 2798 O II 3727 H I 4102 H I 4340 H I 4861		1489 1948	1489				190arcsec from QSO 0059–3433, 1489;z in 1948 differs (1.09)
0059–370 O		0 59 35.9 –37 0 2	1 1 56.54 –36 43 54.7	17.5			2.21	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		1289	1289				
0059–345 O		0 59 35.9 –34 33 25	1 1 57.67 –34 17 17.8	19.5			1.623	C IV 1549 C III 1909 Mg II 2798		1489	1489				190arcsec from QSO0059–3430, 1489
0059–305 O	MD1:156	0 59 37.12 –30 34 32.0	1 2 0.59 –30 18 24.8	17.1			1.033	C III 1909		1948 2186	1948				1948phot mag
0059–411 O	MD6:132	0 59 40.79 –41 9 57.1	1 1 59.31 –40 53 49.9	18.1			1.96	H I 1216 C IV 1549		1948	1948				1948phot mag
0059–411 O		0 59 42.0 –41 10 0	1 2 0.51 –40 53 52.8	18.0			1.96	H I 1216 N V 1240 C IV 1549		1431	1431				
0059–266 O		0 59 48.7 –26 39 55	1 2 13.69 –26 23 48.1	18.2			0.220			2274	2274				
0059–298 O	MD1:157	0 59 49.20 –29 48 16.6	1 2 12.95 –29 32 9.7	19.2			2.13	H I 1216 C IV 1549		1948	1948				1948phot mag
0059–297 C	CT 309	0 59 50.19 –29 46 18.7	1 2 13.95 –29 30 11.8	18.30			1.076	C III 1909 Mg II 2798		1324 2203 2274	2202 2274				
0059–304 C	S78	0 59 51.14 –30 24 0.0	1 2 14.65 –30 7 53.1	19.17			(3.24)	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0059–275 O	MD1:158	0 59 52.41 –27 35 55.9	1 2 17.03 –27 19 49.0	17			1.595*	Si IV 1397 O IV 1402 C IV 1549 Mg II 2798		1755 1948 2186	1755 1948			2263	1755BAL 1.572 broad absz;1.582 narrow absz; some abs from highly excited levels of Fe, 1755

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0059+005 O		0 59 53.5 0 35 31	1 2 27.49 0 51 37.6	18.5			2.545			2216 2274	2216 2274				
0059–296 O	MD1:159	0 59 53.84 –29 40 31.4	1 2 17.63 –29 24 24.6	20.0			2.13	H I 1216 C IV 1549		1948	1948				1948phot mag
0059–284 O	MD1:161	0 59 57.09 –28 24 41.9	1 2 21.38 –28 8 35.1	20.7			2.97	H I 1216 C IV 1549		1948	1948				1948phot mag
0059–269 O	MD1:160	0 59 57.14 –26 57 54.1	1 2 22.00 –26 41 47.3	18.9			2.266+	H I 1216 N V 1240 C IV 1549		765 1948	1400 765 1948			1400	
0100–280 O	MD1:162 S32	1 0 2.19 –28 4 14.0	1 2 26.60 –27 48 7.3	19.7			2.26	H I 1216 N V 1240 C IV 1549		765 1948 2187	765 1948 2187				2187m(or)
0100–345 O		1 0 4.7 –34 30 53	1 2 26.39 –34 14 46.3				2.04	H I 1216 C IV 1549		1289	1289				
0100–368 O	MD4:15	1 0 7.40 –36 48 13.2	1 2 28.02 –36 32 6.6	18.2			1.396	C IV 1549 C III 1909 Mg II 2798		1247 1289 1948	1247 1289 1948				
0100–334 O		1 0 8.5 –33 26 9	1 2 30.66 –33 10 2.4				2.26	1549 1216		1289	1289				
0100–366 O	MD4:16	1 0 9.39 –36 39 56.7	1 2 30.07 –36 23 50.1	19.5			2.84	H I 1216		1948	1948				1948phot mag
0100–291 O	MD1:163	1 0 15.86 –29 10 19.9	1 2 39.80 –28 54 13.5	19.2			2.36	H I 1216 N V 1240 C IV 1549		765 1948	765 1948				pos & B(J)mag, 2274
0100–366 O		1 0 18.3 –36 36 53	1 2 38.97 –36 20 46.6				0.80	C III 1909 Mg II 2798		1289	1289				
0100–283 C	S47	1 0 25.27 –28 21 31.7	1 2 49.51 –28 5 25.5	18.72			2.64	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0100–427 O	MD6:133	1 0 25.70 –42 44 6.4	1 2 43.16 –42 28 0.1	20.1			2.03	H I 1216		1948	1948				1948phot mag
0100–281 C		1 0 27.50 –28 9 8.2	1 2 51.82 –27 53 2.0	17.54			1.768			2186 2274	2186 2274				
0100+108 R	MC 2	1 0 27.6 10 50 40	1 3 4.82 11 6 45.8	18			0.144	O II 3727 H I 4861 O III 4959 O III 5007			019		1111 1171		
0100–362 O	MD4:17	1 0 27.81 –36 12 48.1	1 2 48.64 –35 56 41.9	20.4			1.31	C IV 1549 C III 1909		1948	1948				1948phot mag
0100–407 O	MD6:134	1 0 28.63 –40 45 39.4	1 2 47.17 –40 29 33.1	20.3			2.03	H I 1216		1948	1948				1948phot magne
0100–385 O	MD6:135	1 0 29.37 –38 31 4.7	1 2 49.07 –38 14 58.5	20.7			1.87	H I 1216		1948	1948				1948phot mag
0100–190 O	UM 668	1 0 29.8 –19 1 31	1 2 57.48 –18 45 24.9	18.8			1.97	H I 1216 N V 1240 C IV 1549		1025	1025				
0100–346 O		1 0 30.6 –34 41 23	1 2 52.13 –34 25 16.8				0.80	C III 1909 Mg II 2798		1289	1289				
0100+024 O		1 0 30.9 2 28 6	1 3 5.48 2 44 11.8	18.4			1.543			2216 2274	2216 2274				
0100–270 R	PKS CT 316 MD1:164	1 0 31.70 –27 2 42.0	1 2 56.44 –26 46 35.9	17.5			1.597	C IV 1549 He II 1640 C III 1909		296 1948	493 399 1400 1436 1948 2202				761,1304sp, 1324fc, 1966rnd

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0100−291 O	MD1:165	1 0 32.60 −29 9 20.6	1 2 56.50 −28 53 14.5	19.1			1.78	H I 1216 C IV 1549 He II 1640		765 1948	1948				z in 765 differs 3.80 arcmin from QSO 010015.86 −291018.5, 1948
0100−281 O	MD1:166	1 0 32.97 −28 9 45.4	1 2 57.27 −27 53 39.3	19.3			1.801	H I 1216 C IV 1549		765 1409 1948	1400 1948				
0100−292 C	S50	1 0 33.14 −29 12 47.6	1 2 57.02 −28 56 41.5	20.04			2.76	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0100−261 O		1 0 33.17 −26 10 32.9	1 2 58.25 −25 54 26.8	18.70		−.98	2.54				1400				1203ubv
0100+130 C	PHL 957	1 0 33.39 13 0 10.6	1 3 11.32 13 16 16.3	16.57	.40	−.28	2.686*	O VI 1034 H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909	2.6631 2.6194 2.5511 2.5432 2.3096 2.2989 2.2793 2.2256 2.2062 2.1078 2.0718 1.9474 1.9396 1.9290 1.7972 1.7193		041 030 1000 2251 2281			552 674 1000 1208 1509 1550 1551 1637 2082 2168 2228 2263	029,041ubv, 705,1202pol, 850,853, 921rnd,799, 921,950,992, 1092,1319, 1617ir,873xnd, 041,042,043, 562,582,911, 986sp,921phot, 1941uv Ly alpha abs, 562;damped Ly alpha,z=2.3096
0100+017 O		1 0 34.0 1 46 14	1 3 8.36 2 2 19.8	18.5			1.909			2216 2274	2216 2274				
0100−379 O	MD6:136	1 0 34.51 −37 59 19.6	1 2 54.46 −37 43 13.5	19.8			1.69	C IV 1549 C III 1909		1948	1948				1948phot mag
0100−276 O		1 0 35.33 −27 39 49.3	1 2 59.82 −27 23 43.3				1.418	C IV 1549 C III 1909		766	1400 765				765fc
0100−399 O	MD6:137	1 0 37.50 −39 55 3.3	1 2 56.45 −39 38 57.2	18.9			2.50	H I 1216 N V 1240 C IV 1549		1431 1948	1431 1948				
0100−288 O	MD1:167	1 0 37.93 −28 48 30.8	1 3 1.96 −28 32 24.8	18.3			2.66	H I 1216 Si IV 1397 O IV 1402		1948	1948				1948phot mag
0100+020 O	UM 301 PHL 959	1 0 38.5 2 5 5	1 3 12.96 2 21 10.7	17.7 *			0.394	Mg II 2798 O III 5007		465	1700 1025	752			1700,2145imag, 1042pos
0100−310 O	MD1:168	1 0 39.71 −31 5 41.9	1 3 2.79 −30 49 35.9	18.2			2.641	H I 1216		1948	1948 LBQS				1948phot mag
0100−335 O		1 0 41.7 −33 30 20	1 3 3.73 −33 14 14.0				1.42	C IV 1549 C III 1909		1289	1289				
0100−283 C	S88	1 0 42.37 −28 19 20.3	1 3 6.58 −28 3 14.4	20.00			3.70	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0100−357 O	MD4:18	1 0 43.94 −35 44 36.7	1 3 4.94 −35 28 30.8	20.4			2.02	H I 1216		1948	1948				1948phot mag
0100−351 O		1 0 46.3 −35 6 22	1 3 7.59 −34 50 16.1	19.0			1.413	C III 1909 Mg II 2798		1489	1489				10 arcsec from anon gal,1489, 2118
0100−423	B16.09	1 0 47.3 −42 20 3	1 3 4.90 −42 3 57.1	17.7			2.33			2277	2277				
0100−423 O	MD6:138	1 0 47.44 −42 20 9.5	1 3 5.03 −42 4 3.6	18.0			1.88	H I 1216 C IV 1549		1948	1948				1948phot mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0100+011 O		1 0 49.7 1 6 7	1 3 23.85 1 22 12.5	18.5			1.405			2216 2274	2216 2274				
0100–289 C	CT 323	1 0 50.81 –28 57 27.8	1 3 14.75 –28 41 22.1	18.9			1.226+	C IV 1549 He II 1640 C III 1909 Mg II 2798		1324	1436 2202				2202BAL
0100–338 O		1 0 51.2 –33 50 29	1 3 13.05 –33 34 23.2	19.9			2.26	H I 1216 C IV 1549		1289	1289				
0100–760 R	PKS	1 0 55.27 –76 2 56.1	1 2 18.32 –75 46 49.7	17.9			(1.015)	Mg II 2798		494	1304 493		1966		761sp, 1526vlbi
0100+004 O		1 0 55.5 0 24 49	1 3 29.44 0 40 54.4	19.0			1.436			2274	2274				
0100+099 C	PHL 964 PKS	1 0 56.57 9 54 29.1	1 3 33.51 10 10 34.4	18.18	.02	–.63	0.465	Mg II 2798 NeIII 3869 H I 4102 H I 4340			030 040				040ubv,853rnd, 1420sp, 1420FeIIem
0101–292 O	MD1:169	1 1 0.41 –29 17 53.3	1 3 24.18 –29 1 47.7	19.9			1.95	H I 1216 C IV 1549		765 1948	1948				z in 765 differs
0101–422 O		1 1 1.4 –42 16 54	1 3 18.97 –42 0 48.3	17.5			1.90	H I 1216 N V 1240 C IV 1549		1431	1431				
0101–271 O		1 1 1.8 –27 8 50	1 3 26.43 –26 52 44.5	18.6			0.558			2274	2274				
0101–365 O	MD4:19	1 1 4.02 –36 30 5.4	1 3 24.59 –36 13 59.9	20.5			2.10	H I 1216		1948	1948				1948phot mag
0101–299 C	S03	1 1 4.08 –29 58 52.7	1 3 27.56 –29 42 47.2	18.66			0.76			2187	2187				2187m(or)
0101–258 O	MD1:170	1 1 8.17 –25 48 29.5	1 3 33.31 –25 32 24.1	18.4			1.973	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1948	1948 LBQS				1948phot mag
0101+001 O		1 1 8.9 0 9 32	1 3 42.76 0 25 37.1	17.4			0.395			2216 2274	2216 2274				
0101–304 C	S92	1 1 14.11 –30 25 4.2	1 3 37.38 –30 8 58.9	20.1			4.073	O VI 1034 H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		1823 2187	1823 2187				1879ir,2014sp, 2014fc
0101–363 O	MD4:20	1 1 15.22 –36 22 1.3	1 3 35.82 –36 5 56.0	20.3			2.18	H I 1216		1948	1948				1948phot mag
0101–268 O		1 1 15.8 –26 53 27.5	1 3 40.50 –26 37 22.3	19.4			(3.5)			1482	1482				
0101–292 O	MD1:171	1 1 18.30 –29 15 40.9	1 3 42.04 –28 59 35.7	19.4			2.38	LYB 1026 O VI 1034 H I 1216 C IV 1549		1948	1948				1948phot mag
0101–365 O	MD4:21	1 1 19.79 –36 31 54.0	1 3 40.29 –36 15 48.8	20.7			1.96	H I 1216		1948	1948				1948phot mag 3.69 arcmin from 010104.02 –363005.4,1948
0101–360 O	MD4:22	1 1 20.78 –36 2 22.3	1 3 41.52 –35 46 17.1	18.0			1.57	C IV 1549		1948	1948				1948phot mag
0101–339 O		1 1 21.9 –33 55 28	1 3 43.62 –33 39 22.8	19.2			2.26	H I 1216 C IV 1549		1289	1289				
0101–261 O	MD1:172	1 1 23.86 –26 11 2.7	1 3 48.82 –25 54 57.6	17.9			1.95	H I 1216		1948	1948				1948phot mag

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0101-399 O	MD6:139	1 1 31.45 -39 58 35.9	1 3 50.16 -39 42 30.9	19.0			1.12	C III 1909		1948	1948				1948phot mag
0101-304 O		1 1 32.10 -30 25 53.5	1 3 55.32 -30 9 48.6	19			3.150*	H I 1216 C IV 1549	3.1363 2.907 1.2560	911 2186	1874 911 1400			911 1874 2228 2263	Ly limit abs, z=2.907,1874
0101-014 O		1 1 37.3 -1 24 53	1 4 10.66 -1 8 48.4	18.8			0.211			2274	2274				
0101-299 O		1 1 40.1 -29 59 52.2	1 4 3.48 -29 43 47.4	20.1			1.33	C IV 1549 C III 1909		765	765				
0101-025 R	PKS	1 1 44.2 -2 31 44.5	1 4 17.21 -2 15 40.0	19.1			2.05			1300	1300		1300 1527 2162		pos & B(J)mag, 2274
0101-324 O		1 1 44.2 -32 27 27	1 4 6.51 -32 11 22.3	19.0			1.60	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1289	1289				
0101-428 O	MD6:140	1 1 47.30 -42 51 36.9	1 4 4.34 -42 35 32.1	19.7			1.41	C IV 1549		1948	1948				1948phot mag
0101-414 O	MD6:141	1 1 47.30 -41 29 56.3	1 4 5.12 -41 13 51.6	20.1			2.06	H I 1216		1948	1948				1948phot mag
0101-384 O	MD6:142	1 1 50.54 -38 26 18.1	1 4 9.98 -38 10 13.4	20.0			2.11	H I 1216		1948	1948				1948phot mag
0101-353 O		1 1 53.1 -35 21 17	1 4 14.05 -35 5 12.4	17.3			2.20	H I 1216 C IV 1549		1289	1289				3.8arcmin from NGC 365,2118
0101-337 O		1 1 57.1 -33 47 5	1 4 18.77 -33 31 0.5				2.21	H I 1216 C IV 1549		1289	1289				
0101-015 O		1 1 57.2 -1 30 35	1 4 30.53 -1 14 30.8	18.5			1.156			2216 2274	2216 2274				
0102-265 C	S11	1 2 0.61 -26 31 3.3	1 4 25.35 -26 14 59.0	18.66			1.24			2187	2187				2187m(or)
0102-277 C	S22	1 2 3.75 -27 42 31.0	1 4 28.01 -27 26 26.7	19.59			1.85	C IV 1549		2187	2187				2187m(or)
0102-285 C	S46	1 2 4.73 -28 35 34.3	1 4 28.63 -28 19 30.0	18.57			2.63	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0102-336 O	MD4:23	1 2 6.42 -33 36 19.6	1 4 28.14 -33 20 15.3	19.0			2.21	H I 1216 C IV 1549		1289 1948	1289 1948				
0102-373 O	MD4:24 MD6:143	1 2 15.63 -37 19 32.7	1 4 35.55 -37 3 28.6	19.1			1.93	H I 1216 O IV 1402		1948	1948				1948phot mag
0102-272 C	CT 336	1 2 16.53 -27 13 11.7	1 4 40.95 -26 57 7.7	17.8			0.780	C II 2326 Mg II 2798		1324	1436 2202				
0102-323 O	MD4:25	1 2 17.43 -32 19 22.5	1 4 39.70 -32 3 18.4	20.3			2.53	H I 1216		1948	1948				1948phot mag
0102-335 O R		1 2 17.5 -33 30 55	1 4 39.23 -33 14 50.9	19.3			0.38	Mg II 2798 O II 3727		1289	1289		1966		
0102-338 O	MD4:26	1 2 17.91 -33 52 14.6	1 4 39.48 -33 36 10.5	20.3			0.35	Mg II 2798 O II 3727		1289 1948	1289				z in 1948 differs (2.17)
0102-426 O		1 2 18.1 -42 38 10	1 4 35.14 -42 22 5.9	18.0			2.33 +	H I 1216 N V 1240 C IV 1549		1431	1431			1431	
0102-017 O		1 2 20.9 -1 47 35	1 4 54.14 -1 31 31.3	17.4			0.571			2216 2274	2216 2274				2216uvem
0102-026 O		1 2 21.2 -2 40 11	1 4 54.16 -2 24 7.3	18.6			1.843			2216 2274	2216 2274				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0102–345 O	MD4:27	1 2 22.75 –34 30 51.2	1 4 44.00 –34 14 47.2	19.5			2.31	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1289 1948	1289				z in 1948 differs (1.67)
0102–401 O	MD6:144	1 2 24.39 –40 9 9.3	1 4 42.80 –39 53 5.3	19.7			1.57	C III 1909		1948	1948				1948phot mag
0102–301 O	S43 MD1:173	1 2 29.02 –30 9 15.5	1 4 52.20 –29 53 11.7	19.5			2.55	H I 1216 Si IV 1397 O IV 1402		1948 2187	1948 2187				1948phot mag
0102–371 O	MD4:28	1 2 33.02 –37 10 59.3	1 4 52.95 –36 54 55.5	19.2			2.56	H I 1216 O IV 1402		1948	1948				1948phot mag
0102–011 O		1 2 34.7 –1 6 45	1 5 8.15 –0 50 41.6	17.8			1.588			2216 2274	2216 2274				
0102+006 O		1 2 35.3 0 36 55	1 5 9.31 0 52 58.4	18.4			0.649			2216 2274	2216 2274				
0102+026 O		1 2 35.5 2 41 3	1 5 10.17 2 57 6.4	18.6			1.509			2216 2274	2216 2274				
0102–375 O	MD4:29	1 2 37.36 –37 32 12.7	1 4 57.09 –37 16 9.0	19.0			0.38	Mg II 2798 O II 3727		1289 1948	1289				z in 1948 differs (1.52)
0102–293 C	S40	1 2 39.28 –29 22 19.7	1 5 2.76 –29 6 16.1	18.62			2.44	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0102–389 O		1 2 40.5 –38 58 38	1 4 59.48 –38 42 34.3	19.4			1.54	C IV 1549 C III 1909		478	478				846rnd
0102–301 C	CT 338	1 2 42.89 –30 11 59.6	1 5 6.01 –29 55 56.1	18.9			0.838	C III 1909 Mg II 2798		1324	2202				
0102–022 O		1 2 44.0 –2 14 31	1 5 17.09 –1 58 27.7	18.6			1.979			2216 2274	2216 2274				
0102–259 O	MD1:174	1 2 47.43 –25 59 7.7	1 5 12.28 –25 43 4.3	19.9			2.01	H I 1216 C IV 1549		1948	1948				1948phot mag
0102–190 O	UM 669	1 2 49.7 –19 2 18	1 5 17.16 –18 46 14.7	18.3			3.037*	H I 1216 N V 1240 C IV 1549	2.9724 2.9277 2.8438 2.3683 1.0262	1025	1025 1874 2281			1025 1208 1874 2228 2263	1025,1208BAL Ly limit abs, z=2.940,1874; prob damped Ly alpha,z=2.37; poss damped Ly alpha,z= 2.92,1874; damped Ly alpha,2243
0102–340 O		1 2 51.5 –34 4 42	1 5 12.87 –33 48 38.6	18.7			1.53	Si II 1307 C IV 1549 C III 1909		1289	1289 1400				
0102–414 O	MD6:145	1 2 52.37 –41 25 14.0	1 5 9.96 –41 9 10.5	19.5			2.08	H I 1216 C IV 1549 He II 1640		1948	1948				1948phot mag
0102–290 C		1 2 53.51 –29 3 29.7	1 5 17.09 –28 47 26.4	18.64			1.54			2187	2187				2187m(or)
0102–295 O	MD1:175	1 2 54.56 –29 31 13.0	1 5 17.94 –29 15 9.7	19.9			2.22	H I 1216 C IV 1549		1948	1948				1948phot mag
0102–265 O		1 2 56.70 –26 34 15.9	1 5 21.29 –26 18 12.7	18.2			1.227	C IV 1549 C III 1909		765	1400				
0102–296 O	MD1:176 S52	1 2 57.28 –29 41 2.6	1 5 20.58 –29 24 59.4	19.7			2.82	H I 1216 N V 1240		765 1948 2187	765 1948 2187				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0102−349 O		1 2 59.2 −34 54 35	1 5 20.15 −34 38 31.7	19.5			1.97	H I 1216 N V 1240 Si II 1307 Si IV 1397 O IV 1402 C IV 1549		1289	1289				
0103−263 C	S69	1 3 1.91 −26 18 31.1	1 5 26.59 −26 2 28.0	19.98			3.07	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0103−290 O		1 3 2.4 −29 5 51.4	1 5 25.94 −28 49 48.3	19.8			2.23	H I 1216 N V 1240		765	765				pos & B(J)mag, 2274
0103−301 C	S73	1 3 3.26 −30 8 8.1	1 5 26.35 −29 52 5.0	19.56			3.12	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0103−276 O	MD1:177	1 3 3.27 −27 38 38.1	1 5 27.41 −27 22 35.0	19.4			1.97	H I 1216 N V 1240 C IV 1549		765 1948	765 1948				
0103+025 O		1 3 3.3 2 34 56	1 5 37.94 2 50 58.8	18.0			1.700			2216 2274	2216 2274				
0103−016 O		1 3 7.0 −1 41 0	1 5 40.27 −1 24 57.2	18.5			2.206			2216 2274	2216 2274				
0103−271 O		1 3 7.8 −27 7 36.7	1 5 32.14 −26 51 33.7	19.0			2.18	H I 1216 N V 1240 C IV 1549		765	765				
0103+004 O		1 3 9.6 0 24 1	1 5 43.54 0 40 3.7	17.4			1.075			2216 2274	2216 2274				
0103−405 O	MD6:146	1 3 10.31 −40 32 41.0	1 5 28.32 −40 16 37.9	20.0			2.18	H I 1216		1948	1948				1948phot mag
0103−278 O	MD1:178	1 3 10.70 −27 52 58.5	1 5 34.72 −27 36 55.5	18.0			0.848	Mg II 2798		1948	1948 LBQS				1948phot mag
0103−294 O	MD1:179	1 3 11.33 −29 25 19.2	1 5 34.71 −29 9 16.2	19.4			2.18 *	H I 1216 N V 1240 C IV 1549	2.06	765 1409 1948	765 1948			765 2263	
0103−408 O	MD6:147	1 3 13.92 −40 52 24.3	1 5 31.73 −40 36 21.3	20.1			2.12	H I 1216 C IV 1549		1948	1948				1948phot mag
0103−294 O R	MD1:180	1 3 14.87 −29 27 9.4	1 5 38.23 −29 11 6.5	19.7			2.16	H I 1216 N V 1240 C IV 1549		765 1409 1948	765 1948		765		2.01 arcmin from QSO 010311.33 −292516.6, 1948
0103−323 O		1 3 16.1 −32 22 58	1 5 38.17 −32 6 55.1	19.0			2.30	H I 1216 Si II 1307 C IV 1549		1289	1289				
0103−395 O		1 3 17.1 −39 34 12	1 5 35.62 −39 18 9.1	18.8			(2.36)	H I 1216 N V 1240 N IV 1488 C IV 1549		478	478				846rnd
0103−382 O	MD6:148	1 3 17.52 −38 12 24.9	1 5 36.76 −37 56 22.0	19.2			1.77	C IV 1549		1948	1948				1948phot mag
0103+013 O	PC	1 3 21.7 1 23 27.7	1 5 55.96 1 39 30.2	19.7			3.066			1698	1698				1698rmag
0103−283 O	MD1:181	1 3 28.27 −28 22 42.3	1 5 52.04 −28 6 39.7	19.6			1.88	H I 1216		1948	1948				1948phot mag
0103−401 O	MD6:149	1 3 28.62 −40 11 25.5	1 5 46.76 −39 55 22.8	20.2			2.15	H I 1216 C IV 1549		1948	1948				1948phot mag
0103−341 O		1 3 29.1 −34 7 36	1 5 50.32 −33 51 33.4	18.2			1.810			1289	1400				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0103+013		1 3 30.4	1 6 4.66	18.8			0.782			2274	2274				
O		1 23 6	1 39 8.3												
0103-290		1 3 33.01	1 5 56.50	18.24			2.870	H I 1216		2186	2186				
C		-29 1 30.0	-28 45 27.5					N V 1240		2274	2274				
								C IV 1549							
0103-263		1 3 34.3	1 5 58.88	16.9			0.776			2274	2274				
O		-26 22 24	-26 6 21.5												
0103-426	MD6:150	1 3 37.35	1 5 54.04	20.2			1.81	H I 1216		1948	1948				1948phot mag
O		-42 38 48.8	-42 22 46.2					C IV 1549							
0103-294	S71	1 3 39.52	1 6 2.83	19.52			3.11	H I 1216		2187	2187				2187m(or)
C		-29 24 59.0	-29 8 56.6					N V 1240							
								C IV 1549							
0103-260	S82	1 3 39.61	1 6 4.31	18.45			3.36	H I 1216		2187	2187				2187m(or)
C		-26 2 54.8	-25 46 52.4					N V 1240							
								C IV 1549							
0103-376	MD4:30	1 3 44.43	1 6 3.86	20.1			2.92	H I 1216		1948	1948				1948phot mag
O	MD6:151	-37 39 30.5	-37 23 28.1												
0103+010		1 3 45.0	1 6 19.16	18.3			0.256			2274	2274				
O		1 4 17	1 20 19.0												
0103-021	PKS	1 3 49.94	1 6 23.03	19.84			2.201	H I 1216		026	1302		023		
R		-2 11 41.8	-1 55 39.9					C IV 1549		440	1181		351		
													1527		
0103-258	MD1:182	1 3 50.68	1 6 15.43	19.8			2.51	H I 1216		1948	1948				1948phot mag
O		-25 52 21.4	-25 36 19.3												
0103-393	MD6:152	1 3 53.49	1 6 11.99	19.7			2.35	H I 1216		1948	1948				1948phot mag
O		-39 21 13.4	-39 5 11.2					C IV 1549							
0103-292	MD1:183	1 3 54.46	1 6 17.81	18.6			2.80 +	O VI 1034		766	911			911	
O		-29 13 5.9	-28 57 3.8					H I 1216		1948	766				
										2186	1948				
0103-360		1 3 54.9	1 6 15.13	19.6			1.93	H I 1216		1289	1289				
O		-36 1 1	-35 44 58.9					C IV 1549							
0103-002		1 3 55.9	1 6 29.63	18.5			1.629			2216	2216				
O		-0 14 40	0 1 21.8							2274	2274				
0103-278	MD1:184	1 3 57.24	1 6 21.17	18.2			1.47	C IV 1549		1948	1948				1948phot mag
O		-27 49 48.6	-27 33 46.6												
0103-349	MD4:31	1 3 59.93	1 6 20.67	20.5			1.55	C IV 1549		1948	1948				1948phot mag
O		-34 56 26.2	-34 40 24.2					C III 1909							
0104-321		1 4 2.0	1 6 24.04	19.0			1.70	C IV 1549		1289	1289				
O		-32 9 21	-31 53 19.0					C III 1909							
0104-275	PKS	1 4 2.1	1 6 26.13	18.8			2.492	H I 1216		765	1400				1966rnd
R	MD1:185	-27 34 14.3	-27 18 12.4					C IV 1549		1948	1948				pos & B(J)mag,
										2186					2274
0104+000		1 4 2.8	1 6 36.62	18.3			0.910			2216	2216				
O		0 1 12	0 17 13.6							2274	2274				
0104-284	S12	1 4 3.73	1 6 27.37	18.90			1.31			2187	2187				2187m(or)
C		-28 29 6.0	-28 13 4.1												
0104-274		1 4 13.1	1 6 37.14	19.8			1.91	H I 1216		765	765				
O		-27 28 58.1	-27 12 56.4					N V 1240							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0104+318 X	1E	1 4 13.20 31 53 16.7	1 6 58.76 32 9 17.8	18.72*	.09		2.027*	N V 1240 Si IV 1397 C IV 1549 C III 1909	1.7546	1186	1186	1554		2263	1233,1554x, 1233ubv, 1213rnd, 1233BAL, 2174varnd 10 arcsec from anon gal,0.111 zgal,1186,1696 16.42 arcmin from 3C 31 (NGC 383); z(abs) 1.97–1.92,1186, 1.9993–1.9765, 1.9523–1.9420, 1.7546,1.92–1.75,1554; no QSO abs at z=0.111,1186
0104+005 O		1 4 14.1 0 30 26	1 6 48.08 0 46 27.4	18.5			1.874			2216 2274	2216 2274				
0104+022 O	PC	1 4 15.0 2 15 0	1 6 49.55 2 31 1.4	19.72			4.163	O VI 1034 H I 1216 N V 1240 O I 1304 Si II 1307 O IV 1402 C IV 1549		2014	2014				2014rmag
0104–281 O	CT 354 CS 199	1 4 15.2 –28 9 57	1 6 38.95 –27 53 55.4	18.5			1.574	C IV 1549 C III 1909		765	765 1436 2202				2202BAL?
0104–271 O	MD1:186	1 4 21.24 –27 8 29.5	1 6 45.40 –26 52 28.0	19.3			2.03	H I 1216 N V 1240		765 1948	765 1948				pos & B(J)mag, 2274
0104–265 O		1 4 22.8 –26 35 2.9	1 6 47.19 –26 19 1.4	19.8			1.89	H I 1216 N V 1240		765	765				pos & B(J)mag, 2274
0104–395 O		1 4 25.5 –39 30 29	1 6 43.79 –39 14 27.5	19.2			2.20 +	H I 1216 N V 1240 C IV 1549		1431	1431				1431BAL
0104–374 O	MD6:153	1 4 25.97 –37 25 30.8	1 6 45.37 –37 9 29.3	20.0			2.00	H I 1216		1948	1948				1948phot mag
0104–408 R	PKS	1 4 27.57 –40 50 21.2	1 6 45.11 –40 34 19.7	19.0			0.584	Mg II 2798 H I 4861 O III 4959 O III 5007		1875	1861		1861 1966		
0104–361 O		1 4 28.0 –36 10 47	1 6 48.03 –35 54 45.5	19.3			0.34	Mg II 2798 O II 3727		1289	1289				
0104–387 O	MD6:154	1 4 29.90 –38 47 57.3	1 6 48.56 –38 31 55.9	19.5			2.33	H I 1216 C IV 1549		1948	1948				1948phot mag
0104–269 C	S19	1 4 39.56 –26 59 59.8	1 7 3.73 –26 43 58.7	19.18			1.69	C IV 1549		2187	2187				2187m(or)
0104–373 O	MD4:32	1 4 40.15 –37 22 9.1	1 6 59.53 –37 6 7.9	19.8			2.09	H I 1216 C IV 1549		1948	1948				1948phot mag
0104–285 O	MD1:187	1 4 43.11 –28 30 32.2	1 7 6.64 –28 14 31.1	19.2			2.26	LYB 1026 H I 1216 C IV 1549		765 1948	765 1948				
0104–291 O	MD1:188 S31	1 4 50.05 –29 11 15.0	1 7 13.27 –28 55 14.1	19.3			2.25	H I 1216 N V 1240 C IV 1549		765 1948 2187	765 1948 2187				
0104–375 O	MD6:155	1 4 55.63 –37 33 38.4	1 7 14.86 –37 17 37.5	19.8			1.82	H I 1216 O IV 1402		1948	1948				1948phot mag
0104–381 O	MD6:156	1 4 55.79 –38 9 47.5	1 7 14.70 –37 53 46.6	19.6			2.11	H I 1216 N V 1240 C IV 1549		1431 1948	1431 1948				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0104-381 O		1 4 56.2 -38 7 7	1 7 15.13 -37 51 6.1	19.0			2.06	H I 1216 Si II 1307 C IV 1549		1289	1289				
0104-356 O	MD4:33	1 4 59.91 -35 39 28.0	1 7 20.10 -35 23 27.2	18.9			1.52	C IV 1549 C III 1909		1948	1948				1948phot mag
0105-357 O		1 5 0.2 -35 44 41	1 7 20.34 -35 28 40.2	19.5			2.22	H I 1216 Si II 1307 C IV 1549		1289	1289				
0105-426 O	MD6:157	1 5 1.60 -42 38 50.7	1 7 17.93 -42 22 49.9	19.9			2.94	H I 1216		1948	1948				1948phot mag
0105-005 O		1 5 3.4 -0 35 13	1 7 37.02 -0 19 12.6	18.1			0.737			2216 2274	2216 2274				
0105-406 O	MD6:158	1 5 11.40 -40 37 48.2	1 7 28.88 -40 21 47.6	18.6			1.18	C III 1909		1948	1948				1948phot mag
0105-354 O	MD4:34	1 5 14.42 -35 24 55.2	1 7 34.68 -35 8 54.7	19.1			2.12	H I 1216 Si II 1307 Si IV 1397 O IV 1402 C IV 1549		1289 1948	1289 1948				
0105-334 O	MD4:35	1 5 14.46 -33 28 35.2	1 7 35.67 -33 12 34.7	19.5			2.41	H I 1216 C IV 1549		1948	1948				1948phot mag
0105-338 O	MD4:36	1 5 15.01 -33 49 14.7	1 7 36.05 -33 33 14.2	18.2			1.898	H I 1216 Si II 1307 Si IV 1397 O IV 1402 C IV 1549		1289 1948	1489 1289 1948				1489fc 210arcsec from QSO 0105-3350, 1489
0105-268 O		1 5 17.8 -26 49 30	1 7 41.96 -26 33 29.7	17.7			2.463			2274	2274				
0105-391 O	MD6:159	1 5 18.86 -39 9 25.4	1 7 37.14 -38 53 25.0	18.3			2.33	H I 1216 N V 1240 C IV 1549		478 1431 1948	1431 478 1948				846rnd
0105-374 O	MD6:160	1 5 19.86 -37 29 54.7	1 7 39.03 -37 13 54.3	19.5			1.31	C IV 1549 C III 1909		1948	1948				1948phot mag
0105-278 C	S49	1 5 20.81 -27 48 59.5	1 7 44.54 -27 32 59.2	18.54			(2.70)	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0105-284 C	S55	1 5 23.87 -28 25 16.8	1 7 47.34 -28 9 16.6	19.25			2.88	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
0105-389 O	MD6:161	1 5 27.04 -38 54 54.1	1 7 45.43 -38 38 53.8	19.1			1.29	C IV 1549 C III 1909		1948	1948				1948phot mag
0105-423 O	MD6:162	1 5 30.15 -42 18 7.0	1 7 46.57 -42 2 6.8	19.8			1.67	C IV 1549 C III 1909		1948	1948				1948phot mag
0105-338 O		1 5 31.0 -33 50 21	1 7 51.98 -33 34 20.9	19.3			2.437	C IV 1549 C III 1909		1489	1489				210arcsec from QSO 0105-3349, 1489
0105-344 O	MD4:37	1 5 35.34 -34 27 14.7	1 7 56.01 -34 11 14.7	20.6			2.31	H I 1216 C IV 1549		1289 1948	1289 1948				
0105-301 O	MD1:189	1 5 37.40 -30 6 10.6	1 8 0.09 -29 50 10.6	17.4			1.08	C III 1909		1948 2187	1948 2187				1948phot mag
0105-399 O	MD6:163	1 5 40.63 -39 54 5.1	1 7 58.41 -39 38 5.1	20.0			2.90	H I 1216		1948	1948				1948phot mag
0105+061 O	UM 86 PB 6277	1 5 46.2 6 7 30	1 8 22.08 6 23 29.4	17.2			1.96 *	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909	1.9360	444	480			1901 2020 2263	853rnd,901pol, 2020sp

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0105–265 O		1 5 48.19 –26 34 20.2	1 8 12.38 –26 18 20.5	17.3			3.50 *	O VI 1034 H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909		1784	1622 1784				1622BAL range z(abs)= 3.396–3.196, 1784
0105–343 O	MD4:38	1 5 49.78 –34 22 53.7	1 8 10.44 –34 6 54.0	18.5			1.61	C IV 1549 C III 1909		1289 1948	1289 1948				
0105–400 O	MD6:164	1 5 50.81 –40 5 2.3	1 8 8.45 –39 49 2.5	20.1			2.41	H I 1216		1948	1948				1948phot mag
0105–409 O	MD6:165	1 5 51.26 –40 55 15.3	1 8 8.42 –40 39 15.5	19.9			2.21	H I 1216 N V 1240 C IV 1549		478 1948	478 1948				846rnd
0105–403 O	MD6:166	1 5 52.19 –40 20 49.0	1 8 9.67 –40 4 49.2	20.6			2.48	H I 1216		1948	1948				1948phot mag
0105–008 R	PKS UM 305 PB 6279	1 5 53.36 –0 53 22.6	1 8 26.87 –0 37 23.2	17.5			0.316	Mg II 2798 Mg V 2931 Ne V 2974 Ne V 3345 Ne V 3426 O II 3727		045	044 436		789 866 1527		1320rpol, 465fc, 1630imag
0106–025 O		1 6 3.2 –2 30 32	1 8 36.16 –2 14 32.8	18.5			2.279			2216 2274	2216 2274				
0106+013 R X	PKS 4C 01.02 OC 012 GC PB 6280	1 6 4.48 1 19 1.4	1 8 38.74 1 35 0.5	18.39	.15	–.70	2.107	H I 1216 N V 1240 O IV 1402 C IV 1549 He II 1640 C III 1909		047	046 436		128 789 803 955 1266 1557 1807 1877 1930 2162		047ubv,1028, 1201,1988, 2062,2089, 2103pol,831, 1181sp,865pos, 873,955,1980x, 936,1595rvar, 1028,1789mm, 1526vlbi, 050fc, 2161rpol close to gal, 047; 3.2arcmin from ZWG,2118, superluminal source,2089
0106–004 O		1 6 7.8 –0 26 3	1 8 41.46 –0 10 4.0	18.5			1.243			2216 2274	2216 2274				
0106–378 O		1 6 13.8 –37 52 4	1 8 32.58 –37 36 4.7	20.0			1.66	H I 1216 C IV 1549 C III 1909		1289	1289				
0106–349 O	MD4:39	1 6 18.96 –34 54 37.1	1 8 39.26 –34 38 38.0	18.8			2.11	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1289 1948	1289 1948				
0106–012 O		1 6 21.6 –1 13 47	1 8 54.99 –0 57 48.2	18.1			1.669			2216 2274	2216 2274				
0106–340 O		1 6 26.6 –34 3 12	1 8 47.30 –33 47 13.0	19.4			2.30	H I 1216 C IV 1549		1289	1289				
0106–347 O		1 6 27.4 –34 45 42	1 8 47.75 –34 29 43.0	20.1			0.35	Mg II 2798 O II 3727		1289	1289				
0106–331 O		1 6 30.9 –33 8 32	1 8 52.03 –32 52 33.1	19.2			2.23	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		1289	1289				
0106–338 O		1 6 36.4 –33 50 47	1 8 57.17 –33 34 48.2	20.3			2.14	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1289	1289				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0106+380	UT	1 6 36.7	1 9 25.81	16			0.583	Mg II 2798		1437	1437				
R		38 0 47	38 16 45.0					H I 4340							
								H I 4861							
								O III 4959							
								O III 5007							
0106−273		1 6 37.2	1 9 0.95				2.300	O VI 1034		765	1400				
O		−27 21 12	−27 5 13.3					H I 1216							
								N V 1240							
								Si IV 1397							
								C IV 1549							
								C III 1909							
0106−353	MD4:40	1 6 41.91	1 9 1.92	19.1			2.12	H I 1216		1948	1948				1948phot mag
O		−35 20 59.0	−35 5 0.3												
0106−379	MD4:41	1 6 54.94	1 9 13.54	19.0			2.20	H I 1216		1289	1289				
O		−37 56 17.4	−37 40 19.0					C IV 1549		1948	1948				
0106−349		1 6 57.0	1 9 17.16	20.6			2.32	H I 1216		1289	1289				
O		−34 57 22	−34 41 23.7					C IV 1549							
0106−369	MD4:42	1 6 58.00	1 9 17.12	19.8			0.37	Mg II 2798		1289	1289				z in 1948
O		−36 57 9.9	−36 41 11.6					O II 3727		1948					differs (2.16)
0106−350	MD4:43	1 6 59.38	1 9 19.50	18.9			2.000	H I 1216		1289	1489				
O		−35 1 15.9	−34 45 17.6					Si II 1307		1948	1289				
								C IV 1549			1948				
								C III 1909							
0107−340		1 7 1.8	1 9 22.42	19.3			2.24	H I 1216		1289	1289				
O		−34 0 25	−33 44 26.8					Si II 1307							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
0107−156	NAB	1 7 3.22	1 9 31.55	17.5			0.861	C III 1909		016	016				
C		−15 37 50	−15 21 52.0					Mg II 2798							
0107−343		1 7 8.4	1 9 28.82	20.0			0.83	C III 1909		1289	1289				
O		−34 21 16	−34 5 17.9					Mg II 2798							
0107−346		1 7 10.1	1 9 30.39	20.6			0.38	Mg II 2798		1289	1289				
O		−34 36 50	−34 20 52.0					O II 3727							
0107+008		1 7 13.4	1 9 47.51	19.0			0.966			2274	2274				
O		0 51 53	1 7 50.6												
0107+003		1 7 20.56	1 9 54.50	18.5			1.966	H I 1216		2182	2182				
O		0 22 15.0	0 38 12.5					O IV 1402		2216	LBQS				
								C IV 1549			2216				
								C III 1909							
0107−014		1 7 21.6	1 9 54.90	18.4			1.455			2274	2274				
O		−1 28 45	−1 12 47.5												
0107−369	MD4:44	1 7 29.27	1 9 48.31	19.4			2.51	H I 1216		1948	1948				1948phot mag
O		−36 54 16.5	−36 38 18.8												
0107−332		1 7 31.8	1 9 52.72	19.9			1.79	H I 1216		1289	1289				
O		−33 12 2	−32 56 4.4					C IV 1549							
0107−356		1 7 32.3	1 9 51.96	20.1			2.19	H I 1216		1289	1289				4.77 arcmin
O		−35 41 54	−35 25 56.4					C IV 1549							from NGC 415,
															2118
0107−025	NGC 450	1 7 40	1 10 12.92				1.89			1410	1410				
C	QSO 11	−2 35 0	−2 19 2.9												
0107−025	NGC 450	1 7 40	1 10 12.92				0.73			1410	1410				
C	QSO 8	−2 35 0	−2 19 2.9												
0107−025	NGC 450	1 7 40	1 10 12.92				1.24			1410	1410				
C	QSO 12	−2 35 0	−2 19 2.9												
0107−025	QSO 10	1 7 40.28	1 10 13.19	18.2			0.956	C III 1909		1410	1410				1553sp
C	A	−2 35 50.0	−2 19 52.9					Mg II 2798		2182	2182				
	PB 8553							Ne V 3426							
								O II 3727							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0107–025 O		1 7 41.66 –2 32 55.1	1 10 14.59 –2 16 58.0	18.4			(0.726)	Mg II 2798		2182 2216	2182 LBQS 2216				
0107–025 C	QSO 9 B PB 6291	1 7 43.37 –2 34 48.2	1 10 16.29 –2 18 51.2	17.4			0.952	C III 1909 Mg II 2798		1410 2182	1410 2182				1553sp 77 arcsec from QSO 10,A (0107–0235), 1410
0107–331 O		1 7 45.4 –33 9 17	1 10 6.30 –32 53 19.7	20.1			2.10	H I 1216 C IV 1549		1289	1289				
0107–322 O	MD4:45	1 7 48.70 –32 16 5.1	1 10 10.02 –32 0 7.9	20.0			2.25	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1289 1948	1289 1948				
0107–005 O		1 7 50.8 –0 31 40	1 10 24.43 –0 15 43.2	18.8			1.753			2274	2274				
0107–025 O		1 7 57.25 –2 30 51.7	1 10 30.19 –2 14 55.0				1.891	C IV 1549 C III 1909		2182	2182				
0107–331 O		1 7 58.0 –33 6 6	1 10 18.89 –32 50 9.0	16.5			0.472	Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798		1289	1489 1289				2145imag
0107–001 O		1 7 59.85 –0 7 25.8	1 10 33.62 0 8 30.8				(0.467)	Mg II 2798		2182	2182				
0108–376 O	MD4:46	1 8 2.76 –37 38 22.7	1 10 21.28 –37 22 25.8	18.4			1.88	H I 1216 N V 1240 C IV 1549		478 1948	478 1400 1948				846rnd,1289fc
0108–340 O		1 8 4.0 –34 5 23	1 10 24.38 –33 49 26.1	19.7			2.08	H I 1216 C IV 1549		1289	1289				
0108–007 O		1 8 4.04 –0 43 38.5	1 10 37.60 –0 27 41.9				1.423	C IV 1549 C III 1909		2182	2182				gal near,2182
0108+004 O		1 8 4.22 0 28 56.9	1 10 38.20 0 44 53.4	18.3			2.007	H I 1216 C IV 1549 C III 1909		2182 2216	2182 LBQS 2216				
0108–337 O		1 8 7.3 –33 44 48	1 10 27.84 –33 28 51.2	20.6			0.23	Mg II 2798 O II 3727		1289	1289				
0108–330 O	MD4:47	1 8 13.89 –33 0 28.0	1 10 34.78 –32 44 31.3	20.1			2.23	H I 1216 C IV 1549		1948	1948				1948phot mag
0108–025 O		1 8 15.12 –2 31 21.7	1 10 48.05 –2 15 25.4				1.24			2182	2182				
0108–020 O		1 8 16.20 –2 4 14.2	1 10 49.29 –1 48 17.9				1.300	C IV 1549 AlIII 1857 C III 1909 Mg II 2798		2182	2182				
0108+005 O		1 8 18.9 0 30 52	1 10 52.89 0 46 48.2	19.0			0.428			2274	2274				
0108–079 R	PKS	1 8 19.0 –7 57 37	1 10 50.02 –7 41 40.7	19.0			1.773	H I 1216 N V 1240 Si II 1263 O I 1304 C II 1335 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909		296	1304 1305		1518		761sp, 1526vlbi
0108–332 O		1 8 19.6 –33 12 4	1 10 40.38 –32 56 7.5	19.3			1.71	H I 1216 C IV 1549		1289	1289				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0108−347		1 8 20.8	1 10 40.80	19.5			2.16	H I 1216		1289	1289				
O		−34 43 36	−34 27 39.5					Si IV 1397							
								O IV 1402							
0108−353		1 8 21.4	1 10 41.09	19.3			0.85	C III 1909		1289	1289				
O		−35 20 16	−35 4 19.5					Mg II 2798							
0108+389	E	1 8 27	1 11 17.07	18.6			0.323	H I 4340		1224	1224				
X		38 58 32	39 14 27.7					H I 4861							
								O III 5007							
								H I 6563							
0108−344		1 8 29.6	1 10 49.70	19.5			0.35	Mg II 2798		1289	1289				
O		−34 29 14	−34 13 17.7					O II 3727							
0108−144	NAB	1 8 36.9	1 11 5.55	17.5			(0.641)	Mg II 2798		016	016				1188sp
C	PB 8570	−14 26 49	−14 10 53.0												
0108−339		1 8 43.1	1 11 3.45	20.0			0.39	Mg II 2798		1289	1289				
O		−33 54 23	−33 38 27.0					O II 3727							
0108−328	MD4:48	1 8 46.99	1 11 7.87	18.4			1.970			1289	1400				
O		−32 49 59.1	−32 34 3.2							1948	1948				
0108−358	MD4:49	1 8 48.78	1 11 8.11	19.0			2.36	H I 1216		1289	1289				
O		−35 51 12.9	−35 35 17.0					C IV 1549		1948	1948				
0108+001		1 8 50.68	1 11 24.56				1.002	Mg II 2798		2182	2182				
O		0 10 51.4	0 26 46.9												
0108−378	MD4:50	1 8 53.32	1 11 11.52	19.1			1.54	C IV 1549		1948	1948				1948phot mag
O		−37 53 21.9	−37 37 26.1												
0108−371	MD4:51	1 8 56.41	1 11 15.03	19.9			2.63	LYB 1026		1948	1948				1948phot mag
O		−37 6 22.4	−36 50 26.6					H I 1216							
0108−349	MD4:52	1 8 58.25	1 11 18.00	20.8			2.13	H I 1216		1948	1948				1948phot mag
O		−34 59 10.5	−34 43 14.8												
0108−334		1 8 58.9	1 11 19.46	19.3			2.31	H I 1216		1289	1289				
O		−33 24 18	−33 8 22.3					C IV 1549							
0109−355		1 9 7.5	1 11 26.94	19.8			2.307	H I 1216		1489	1489				
O		−35 31 23	−35 15 27.5					N V 1240			1400				
								Si IV 1397							
								C IV 1549							
								C III 1909							
0109−374		1 9 7.5	1 11 25.88	18.6			0.38	Mg II 2798		1289	1289				
O		−37 28 21	−37 12 25.5					O II 3727							
0109−336	MD4:53	1 9 8.19	1 11 28.59	19.9			2.05	H I 1216		1289	1289				
O		−33 39 19.2	−33 23 23.7					C IV 1549		1948	1948				
0109+176	4C 17.09	1 9 9.62	1 11 49.87	18			2.155*	H I 1216	2.1567	048	009		1170	009	873xnd,1617ir,
R	OC 115.2	17 37 56.1	17 53 51.0					C IV 1549	1.9173		2049		1804	2049	2266imag
	PKS							He II 1640	1.8199				1818	2263	
	VR17.01.02							C III 1909	0.8392				1891		
0109−350		1 9 10.6	1 11 30.29	19.0			1.50	C IV 1549		1289	1289				
O		−35 1 2	−34 45 6.6					C III 1909							
0109−346	MD4:54	1 9 13.69	1 11 33.55	18.5			1.34	C IV 1549		1948	1948				1948phot mag
O		−34 40 53.8	−34 24 58.4					He II 1640							
0109−343		1 9 14.8	1 11 34.85	20.6			0.37	Mg II 2798		1289	1289				
O		−34 18 48	−34 2 52.7					O II 3727							
0109+224	GC	1 9 23.57	1 12 5.79	16.41*	.34	−.63				667		666	955		703,1541,1988,
BL Lac R		22 28 44.5	22 44 39.1									875	1086		2062,2167pol,
X												970	1367		856,1389phot,
												1068	1441		955,2107,
												1895	1807		2112x,781,
												1902			856ir,667sp
												1932			1902avg Bmag
												2054			
												2271			

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0109+027 O		1 9 24.2 2 42 52	1 11 58.97 2 58 46.8	18.4			0.262			2274	2274				
0109-353 O	MD4:55	1 9 25 -35 19 0	1 11 44.49 -35 3 4.9	17.4			2.406	H I 1216 N V 1240 C IV 1549		1247 1948	1247				z in 1948 differs (1.16)
0109+200 R	UT	1 9 28.9 20 4 24	1 12 10.14 20 20 18.5	17			0.746*	Mg II 2798	0.5346	1437	836 1437			836 2228 2263	7 arcsec from anon gal,0.534 zgal,2118,2140 2262
0109-353 O	MD4:56	1 9 30.03 -35 23 48.9	1 11 49.46 -35 7 53.9	20.0			2.28	H I 1216 C IV 1549		1948	1948				1948phot mag
0109+022 O	UM 87	1 9 42.9 2 14 0	1 12 17.51 2 29 54.4	17.8			2.35	H I 1216 C IV 1549		444	480				853rnd, 1967phot
0109-346 O	MD4:57	1 9 49.09 -34 37 24.4	1 12 8.87 -34 21 29.8	19.3			2.16	H I 1216 C IV 1549		1289 1948	1289 1948				
0109-362 O	MD4:58	1 9 51.11 -36 16 56.4	1 12 10.00 -36 1 1.8	19.9			1.43	C IV 1549 C III 1909		1948	1948				1948phot mag
0109-349 O		1 9 51.7 -34 55 31	1 12 11.31 -34 39 36.5	19.8			0.34	Mg II 2798 O II 3727		1289	1289				
0109-014 O		1 9 54.41 -1 28 15.9	1 12 27.70 -1 12 21.8	18.3			1.758	O IV 1402 C IV 1549 C III 1909		2182 2216	2182 LBQS 2216				2182BAL
0109-327 O		1 9 59.0 -32 46 27	1 12 19.69 -32 30 32.7	20.6			2.22	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1289	1289				
0110+318 R	NRAO 62 4C 31.03 OC 317	1 10 3.78 31 51 23.2	1 12 50.34 32 7 16.8	18			0.603	Mg II 2798 O II 3727		009	009		1111		831sp, 1526vlbi, 426fc 9.63 arcmin from NGC 420, 2118
0110-357 O	MD4:59	1 10 5.91 -35 47 7.8	1 12 25.02 -35 31 13.6	19.8			2.17	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1289 1948	1289 1948				
0110-346 O		1 10 6.8 -34 37 50	1 12 26.52 -34 21 55.8	19.3			1.71	N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1289	1289				
0110-011 O		1 10 6.96 -1 7 57.5	1 12 40.37 -0 52 3.6	18.6			1.885	H I 1216 SiIVb 1400 C IV 1549 C III 1909		2182 2210 2216	2182 2210 2216				
0110-019 O		1 10 8.14 -1 57 47.8	1 12 41.25 -1 41 54.0	17.3			1.098	C III 1909 Mg II 2798		2182 2216	2182 LBQS 2216				
0110-337 O		1 10 17.6 -33 45 26	1 12 37.74 -33 29 32.1	19.8			1.64	H I 1216 C IV 1549 C III 1909		1289	1289				
0110-356 O	MD4:60	1 10 21.90 -35 40 1.8	1 12 41.02 -35 24 7.9	19.6			2.14	H I 1216		1948	1948				1948phot mag
0110+004 O		1 10 21.95 0 28 15.4	1 12 55.93 0 44 8.9				0.909			2182	2182				
0110-001 O		1 10 28.1 -0 9 21	1 13 1.86 0 6 32.4	17.8			1.686			2274	2274				
0110-002 O		1 10 28.18 -0 15 58.0	1 13 1.90 -0 0 4.6	18.4			0.967	C III 1909 Mg II 2798		2182 2216	2182 LBQS 2216				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0110–358		1 10 28.7	1 12 47.70	19.4			2.00	H I 1216		1289	1289				
O		–35 49 55	–35 34 1.3					N V 1240							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
0110–030		1 10 35.69	1 13 8.39				1.234	C III 1909		2182	2182				
O		–3 5 31.3	–2 49 38.1					Mg II 2798							
0110–369		1 10 35.8	1 12 54.17				0.74	C III 1909		1289	1289				
O		–36 56 29	–36 40 35.4					Mg II 2798							
0110–007		1 10 36.9	1 13 10.43	18.7			0.410	Mg II 2798		2182	2182				
O		–0 47 26.6	–0 31 33.4							2216	LBQS				
											2216				
0110+297	4C 29.02	1 10 38.62	1 13 24.23	17	*		0.363	Mg II 2798		033	032	1201	462		1202pol,831sp,
R	CTD 9	29 42 23.4	29 58 16.2					Ne V 3426					774		1320rpol,
	OC 218							O II 3727					775		1617ir,
	B2							NeIII 3869					1235		1700imag,
	PKS							H I 4340							203fc
								H I 4861							
								O III 5007							
0110–369	MD4:61	1 10 41.72	1 13 0.04	19.9			1.93	O IV 1402		1948	1948				1948phot mag
O		–36 59 43.8	–36 43 50.4					C IV 1549							
0110–397		1 10 44.2	1 13 0.91	19.2			1.45	C IV 1549		478	478				846rnd
O		–39 44 46	–39 28 52.6					C III 1909							
0110+014		1 10 50.0	1 13 24.33	17.8			0.774			2274	2274				
O		1 25 57	1 41 49.9												
0110–362	MD4:62	1 10 50.43	1 13 9.14	20.0			2.09	H I 1216		1948	1948				1948phot mag
O		–36 14 10.6	–35 58 17.4					C IV 1549							
0110–363		1 10 51.0	1 13 9.64	19.4			2.28	H I 1216		1289	1289				
O		–36 22 4	–36 6 10.8					Si II 1307							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
0110–333		1 10 53.1	1 13 13.31	19.6			1.70	C IV 1549		1289	1289				
O		–33 23 50	–33 7 56.9					C III 1909							
0110–006		1 10 53.20	1 13 26.76				(0.934)	Mg II 2798		2182	2182				
O		–0 41 55.4	–0 26 2.6												
0110+024		1 10 56.4	1 13 31.09	18.1			1.509			2274	2274				
O		2 24 59	2 40 51.7												
0111–363	MD4:63	1 11 0.83	1 13 19.44	19.1			1.81	H I 1216		1948	1948				1948phot mag
O		–36 21 38.0	–36 5 45.0					O IV 1402							
								C IV 1549							
0111+388		1 11 1	1 13 51.57	16.7			0.234	Mg II 2798		1224	1224				
X		38 51 25	39 7 17.2					H I 4340							
								H I 4861							
								O III 5007							
0111–007		1 11 6.01	1 13 39.55				0.994	C III 1909		2182	2182				
O		–0 46 1.3	–0 30 8.8					Mg II 2798							
0111–324		1 11 10.0	1 13 30.67	19.0			0.37	Mg II 2798		1289	1289				
O		–32 24 6	–32 8 13.3					O II 3727							
0111–333	MD4:64	1 11 12.32	1 13 32.49	20.0			2.08	H I 1216		1289	1289				z in 1948
O		–33 22 40.6	–33 6 47.9					Si II 1307		1948					differs (1.48)
								C IV 1549							
0111–008		1 11 26.15	1 13 59.67				0.180	H I 4861		2182	2182				
O		–0 48 41.0	–0 32 48.9					O III 4959							
								O III 5007							
0111–010		1 11 29.06	1 14 2.49				0.350	Mg II 2798		2182	2182				
O		–1 3 42.8	–0 47 50.8					H I 4861							
0111–360		1 11 35.0	1 13 53.67	19.6			1.68	C IV 1549		1289	1289				
O		–36 2 25	–35 46 32.8					C III 1909							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0111–341		1 11 44.0	1 14 3.68	18.6			2.14	H I 1216		1289	1289				
O		–34 7 45	–33 51 53.0					C IV 1549							
0111–373	MD4:65	1 11 51.72	1 14 9.57	19.0			1.76	H I 1216		1289	1289				
O		–37 23 4.9	–37 7 13.0					C IV 1549		1948	1948				
0111–348		1 11 56.5	1 14 15.76	20.1			2.25	H I 1216		1289	1289				
O		–34 49 42	–34 33 50.3					C IV 1549							
0111–005		1 11 57.13	1 14 30.75				1.906	H I 1216		2182	2182				
O		–0 31 42.5	–0 15 51.1					O IV 1402							
								C IV 1549							
								C III 1909							
0111–328		1 11 59.1	1 14 19.40	18.2			1.63	C IV 1549		1289	1289				
O		–32 50 25	–32 34 33.4					C III 1909							
0112+030		1 12 0	1 14 34.91				2.810*	H I 1216	2.4234		1872			1872	prob damped Ly
O		3 0 0	3 15 51.3					Si IV 1397	2.4224		1874			1874	alpha,z=2.4234
								O IV 1402	1.2458					2228	1874; damped
								C IV 1549	1.0205					2263	Ly alpha,2243
0112–325		1 12 5.1	1 14 25.53	19.5			0.38	Mg II 2798		1289	1289				
O		–32 33 32	–32 17 40.5					O II 3727							
0112–014		1 12 6.6	1 14 39.88	20.3			2.20	H I 1216		1439	1439				9.82 arcmin
O		–1 26 45	–1 10 53.9					C IV 1549							from NGC 442,
															2118
0112–367		1 12 9.5	1 14 27.68	19.6			1.87	H I 1216		1289	1289				
O		–36 42 21	–36 26 29.6					Si II 1307							
								C IV 1549							
0112–335		1 12 15.0	1 14 34.90	18.6			0.38	Mg II 2798		1289	1289				
O		–33 31 17	–33 15 25.7					O II 3727							
0112–350		1 12 23.9	1 14 42.97	18.5			2.38	H I 1216		1289	1289				
O		–35 1 37	–34 45 45.9					Si II 1307							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
0112–358		1 12 26.3	1 14 44.89	20.1			0.33	Mg II 2798		1289	1289				
O		–35 52 36	–35 36 45.0					O II 3727							
0112–360		1 12 26.4	1 14 44.92	19.3			0.39	Mg II 2798		1289	1289				
O		–36 0 23	–35 44 32.0					O II 3727							
0112–329	MD4:66	1 12 33.90	1 14 54.07	17.5			1.588			1289	1400				z in 1948
O		–32 54 13.9	–32 38 23.1							1948					differs (1.25)
0112–333		1 12 35.4	1 14 55.30	20.3			0.74	C III 1909		1289	1289				
O		–33 23 46	–33 7 55.2					Mg II 2798							
0112–369	MD4:67	1 12 35.61	1 14 53.54	20.1			2.55	H I 1216		1948	1948				1948phot mag
O		–36 59 28.3	–36 43 37.5					O IV 1402							
0112–326		1 12 43.8	1 15 4.05	19.8			2.30	H I 1216		1289	1289				
O		–32 41 26	–32 25 35.4					C IV 1549							
0112–017	PKS	1 12 43.91	1 15 17.09	17.41			1.365	C IV 1549		026	436		789		912,1980x,
R	UM 310	–1 42 54.8	–1 27 4.5					C III 1909		2182	480		803		1032,1181sp,
X	PB 6342										748		866		1526vlbi,
											2182		1266		465fc,1789mm
													1976		10.6 arcmin
															from NGC 448;
															35.3 arcmin
															from NGC 450;
															1650,2118
0112–349	MD4:68	1 12 49.45	1 15 8.48	19.4			2.55	H I 1216		1948	1948				1948phot mag
O		–34 56 31.7	–34 40 41.2					O IV 1402							
0112–331		1 12 50.4	1 15 10.37	19.6			2.11	H I 1216		1289	1289				
O		–33 11 32	–32 55 41.5					C IV 1549							
0112–381		1 12 51.2	1 15 8.41	19.0			2.28	H I 1216		1289	1289				
O		–38 6 56	–37 51 5.5					Si II 1307							
								C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0112−368 O	MD4:69	1 12 51.88 −36 49 13.2	1 15 9.85 −36 33 22.7	20.1			2.20	H I 1216 C IV 1549		1289 1948	1289 1948				
0112−012 O		1 12 56.19 −1 13 14.0	1 15 29.55 −0 57 24.0				1.584	C IV 1549 C III 1909		2182	2182				
0112+329 X	1E	1 12 59.6 32 56 48	1 15 47.24 33 12 37.6	18.9	.21		0.764	Mg II 2798		1269	1269				1269ubv 7.78 arcmin from NGC 447, 9.03 arcmin from NGC 449, 2118
0113+000 O		1 13 4.00 0 4 38.5	1 15 37.84 0 20 28.3				1.278	C IV 1549 C III 1909		2182	2182				
0113−201 R	MC	1 13 4.56 −20 7 22.2	1 15 30.58 −19 51 32.2	17.3			1.22	C IV 1549 C III 1909 Mg II 2798 Ar IV 2854		673	673				1704fc, 1966rnd
0113−010 O		1 13 14.62 −1 3 3.6	1 15 48.04 −0 47 14.0				1.966	H I 1216 C IV 1549 C III 1909		2182	2182				
0113−326 O		1 13 15.7 −32 37 38	1 15 35.89 −32 21 48.1	20.5			1.68	H I 1216 C IV 1549 C III 1909		1289	1289				
0113−327 O	MD4:70	1 13 19.37 −32 44 32.0	1 15 39.49 −32 28 42.2	19.1			0.23	Mg II 2798 O II 3727		1289 1948	1289				z in 1948 differs (1.93)
0113−352 O		1 13 23.8 −35 17 5	1 15 42.53 −35 1 15.3	19.3			1.48	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1289	1289				
0113−333 O		1 13 27.9 −33 23 5	1 15 47.65 −33 7 15.4	20.5			1.91	H I 1216 C IV 1549		1289	1289				
0113−327 O	MD4:71	1 13 30.91 −32 46 21.7	1 15 50.98 −32 30 32.2	20.3			2.26	H I 1216 C IV 1549		1289 1948	1289 1948				3.03 arcmin from QSO 011319.37 −324432.0, 1948
0113−406 O		1 13 37.5 −40 40 10	1 15 52.96 −40 24 20.5	18.5			(2.19)+	C IV 1549		478	478			478	846rnd,478BAL
0113−013 O		1 13 38.67 −1 18 13.7	1 16 12.00 −1 2 24.7				2.053	H I 1216 O IV 1402 C IV 1549		2182	2182				
0113−009 O		1 13 42.16 −0 59 24.2	1 16 15.60 −0 43 35.3				(1.262)	C III 1909		2182	2182				
0113−118 R	PKS	1 13 43.2 −11 52 6	1 16 12.51 −11 36 17.0	18.5			(0.672)	Mg II 2798		011	1304		1266 1966		761sp,1305ir, 1526vlbi, 2103pol
0113−392 O		1 13 46.1 −39 15 9	1 16 2.42 −38 59 19.8	18.7			2.07	H I 1216 N V 1240 C IV 1549		478	478				846rnd
0113−363 O		1 13 48.8 −36 21 3	1 16 6.85 −36 5 13.9	19.8			1.94	H I 1216 C IV 1549		1289	1289				
0113−336 O	MD4:72	1 13 49.83 −33 38 27.0	1 16 9.38 −33 22 37.9	20.4			2.05	H I 1216 C IV 1549		1289 1948	1289 1948				
0113−363 O		1 13 53.0 −36 19 18	1 16 11.05 −36 3 29.0	19.6			1.77	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1289	1289				
0113−335 O	MD4:73	1 13 57.16 −33 34 44.9	1 16 16.72 −33 18 56.0	19.5			1.46	C IV 1549 C III 1909		1289 1948	1289 1948				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0114-001		1 14 0.07	1 16 33.83				1.314	C IV 1549		2182	2182				
O		-0 9 22.9	0 6 25.6					C III 1909							
0114-331		1 14 12.1	1 16 31.86	20.1			2.33	H I 1216		1289	1289				
O		-33 7 40	-32 51 51.4					Si IV 1397							
								O IV 1402							
								C IV 1549							
0114-358		1 14 13.2	1 16 31.43	19.9			2.26	H I 1216		1289	1289				
O		-35 52 42	-35 36 53.4					C IV 1549							
0114-330		1 14 15.7	1 16 35.50	19.2			1.67	C IV 1549		1289	1289				
O		-33 1 47	-32 45 58.5					C III 1909							
0114-352	MD4:74	1 14 18.33	1 16 36.92	19.2			1.96	H I 1216		1948	1948				1948phot mag
O		-35 12 48.6	-34 57 0.2												
0114-334		1 14 19.3	1 16 38.89	19.8			1.53	Si IV 1397		1289	1289				
O		-33 24 15	-33 8 26.6					O IV 1402							
								C IV 1549							
								C III 1909							
0114-328		1 14 22.8	1 16 42.65	19.9			1.45	Si IV 1397		1289	1289				
O		-32 53 45	-32 37 56.7					O IV 1402							
								C IV 1549							
								C III 1909							
0114-332	MD4:75	1 14 43.49	1 17 3.11	19.2			1.624	Si IV 1397		1289	1489				142arcsec from
O		-33 12 32.5	-32 56 44.7					O IV 1402		1948	1289				QSO 0114-3311,
								C IV 1549			1948				1489
								C III 1909							
0114-368		1 14 44.8	1 17 2.35	19.9			1.82	Si IV 1397		1289	1289				
O		-36 52 21	-36 36 33.2					O IV 1402							
								C IV 1549							
0114+074	PKS	1 14 49.53	1 17 26.19	18			0.861			050	049		128		1526vlbi,378,
R	4C 07.04	7 26 30.5	7 42 17.7							304	294		1111		2012fc
	OC 025												1775		~30arcsec from
	AO												1888		18m gal,1775,
	GC												2012		2118
	PB 6360														
0114-089	UM 670	1 14 52.8	1 17 23.19	17.4			3.163*	H I 1216	3.1055	1025	1025			1872	
O		-8 56 56	-8 41 8.7					N V 1240	2.6544		1872			1874	
								Si IV 1397	2.5394		1874			2039	
								O IV 1402	2.2995		2281			2228	
								C IV 1549						2263	
0114-331	MD4:76	1 14 53.32	1 17 12.92	20.5			2.181	H I 1216		1289	1489				142arcsec from
O		-33 11 25.9	-32 55 38.3					C IV 1549		1948	1289				QSO 0114-3312,
											1948				1489,1948
0115-358		1 15 1.6	1 17 19.69	19.1			1.65	C IV 1549		1289	1289				
O		-35 51 23	-35 35 35.6					C III 1909							
0115-351	MD4:77	1 15 9.52	1 17 27.99	19.6			2.29	H I 1216		1289	1289				
O		-35 8 47.2	-34 52 60.0					C IV 1549		1948	1948				
0115-371	MD4:78	1 15 9.80	1 17 27.07	19.2			1.91	H I 1216		1289	1289				
O		-37 11 37.1	-36 55 49.9					N V 1240		1948	1948				
								Si IV 1397							
								O IV 1402							
								C IV 1549							
0115-353		1 15 13.5	1 17 31.85	19.4			2.27	H I 1216		1289	1289				
O		-35 19 33	-35 3 45.9					Si IV 1397							
								O IV 1402							
								C IV 1549							
0115-376	MD4:79	1 15 17.14	1 17 34.12	17.5			1.81	H I 1216		1289	1289				
O		-37 38 14.9	-37 22 27.8					Si IV 1397		1948	1948				
								O IV 1402							
								C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0115–325 O		1 15 17.6 –32 33 39	1 17 37.47 –32 17 52.0	19.3			1.68	Si II 1307 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1289	1289				
0115–333 O		1 15 18.3 –33 20 33	1 17 37.74 –33 4 46.0	20.1			2.21	H I 1216 C IV 1549		1289	1289				
0115–350 O	MD4:80	1 15 21.53 –35 1 16.4	1 17 40.03 –34 45 29.5	19.5			1.93	H I 1216 C IV 1549		1289 1948	1289 1948				
0115–342 R	PKS	1 15 25.59 –34 12 52.8	1 17 44.53 –33 57 6.0	19.0			1.78	C II 1335 C IV 1549		767	767		384 767 1966		
0115–357 O		1 15 27.5 –35 42 59	1 17 45.58 –35 27 12.2	18.9			1.71	Si II 1307 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1289	1289				
0115–344 O	MD4:81	1 15 32.48 –34 25 11.6	1 17 51.28 –34 9 24.9	19.3			2.40	H I 1216 O IV 1402		1948	1948				1948phot mag
0115+027 R	4C 02.04 PKS 3C 37 OC 026 OA 57 NRAO 65 PB 6367	1 15 43.64 2 42 19.8	1 18 18.50 2 58 5.8	17.5 *			0.672	C III 1909 Mg II 2798		052	051 436 1803	759 1967	128 775 789 1111 1145 1591 1877		749pos, 1526vlbi
0115–011 O	UM 314 PB 6370	1 15 54.67 –1 8 25.6	1 18 28.05 –0 52 39.8	18.3			2.173	H I 1216 N V 1240 C IV 1549 C III 1909 > 14001401		465	1025 465 2182				
0116–341 O		1 16 2.2 –34 7 14	1 18 21.08 –33 51 28.0	20.6			0.31	Mg II 2798 O II 3727		1289	1289				
0116–021 O	UM 315	1 16 5.60 –2 10 7.7	1 18 38.58 –1 54 22.2	18.6			2.05	H I 1216 N V 1240 C IV 1549		465 2182	1025 465				
0116–337 O		1 16 14.0 –33 43 41	1 18 33.06 –33 27 55.3	20.0			0.36	Mg II 2798 O II 3727		1289	1289				
0116–351 O		1 16 15.4 –35 7 44	1 18 33.67 –34 51 58.4	19.1			1.63	C IV 1549 C III 1909		1289	1289				
0116–356 O	MD4:82	1 16 20.73 –35 38 42.6	1 18 38.68 –35 22 57.1	20.1			1.81	H I 1216		1948	1948				1948phot mag
0116–288		1 16 26.03 –28 51 32.9	1 18 47.63 –28 35 47.6	20	.10		0.798	Mg II 2798		1411	1411				
0116–344 O	MD4:83	1 16 28.08 –34 25 46.4	1 18 46.70 –34 10 1.1	19.6			0.84	C III 1909 Mg II 2798		1289 1948	1289				z in 1948 differs (1.88)
0116–363 O		1 16 31.8 –36 19 59	1 18 49.31 –36 4 13.7	19.8			1.71	N V 1240 Si II 1307 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1289	1289				
0116–374 O	MD4:84	1 16 32.37 –37·29 53.6	1 18 49.17 –37 14 8.3	19.9			1.95	H I 1216 O IV 1402		1948	1948				1948phot mag
0116–219 R	PKS	1 16 32.4 –21 57 14	1 18 57.26 –21 41 28.9	19			1.161	C IV 1549 C III 1909 Mg II 2798		296	1304 1305		1966		761sp, 1352spvar
0116–332 O		1 16 41.6 –33 14 10	1 19 0.85 –32 58 25.0	19.9			1.87	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1289	1289				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0116-330 O		1 16 43.9 -33 2 6	1 19 3.26 -32 46 21.1	19.0			0.84	C III 1909 Mg II 2798		1289	1289				
0116-010 O		1 16 49.50 -1 0 3.8	1 19 22.93 -0 44 19.3				1.051	AlIII 1857 C III 1909 Mg II 2798		2182	2182				
0116-351 O	MD4:85	1 16 52.33 -35 6 49.6	1 19 10.49 -34 51 4.8	17.5			1.69	C IV 1549 C III 1909		1948	1948				1948phot mag
0116-327 O		1 16 59.8 -32 42 18	1 19 19.29 -32 26 33.5	20.4			0.76	C III 1909 Mg II 2798		1289	1289				
0117-373 O	MD4:86	1 17 7.02 -37 18 59.3	1 19 23.81 -37 3 14.9	19.9			2.30	H I 1216 C IV 1549		1948	1948				1948phot mag
0117+031 C	NGC 470 57	1 17 10 3 9 0	1 19 45.05 3 24 43.9	18.79			1.902			1484	1484				40.5 arcmin from NGC 470; 35.55 arcmin from NGC 474, 2118
0117+031 C	NGC 470 D8	1 17 10 3 9 0	1 19 45.05 3 24 43.9	18.9			2.090+			1484	1484				1484BAL 36 arcmin from NGC 470; 31.12 arcmin from NGC 474,2118
0117+031 C	NGC 470 D5	1 17 10 3 9 0	1 19 45.05 3 24 43.9	19.4			1.609			1484	1484				36 arcmin from NGC 470; 32.22 arcmin from NGC 474,2118
0117+031 C	NGC 470 68D	1 17 13.0 3 7 30	1 19 48.04 3 23 13.8	18.2			1.533	C IV 1549 C III 1909 Mg II 2798		1299 1484	1299 1484				1.6arcmin from NGC 470; 16 arcsec from QSO 68,1299; 5.0arcmin from NGC 474,2118
0117-340 O		1 17 13.8 -34 5 57	1 19 32.47 -33 50 12.8	19.9			1.87	N V 1240 Si IV 1397 O IV 1402 C IV 1549		1289	1289				4.4arcmin from NGC 491A,2118
0117+031 C	NGC 470 68	1 17 14.0 3 7 36	1 19 49.04 3 23 19.8	19.9			1.875	C IV 1549 C III 1909		1299 1484	1299 1484				1.55 arcmin from NGC 470; 16 arcsec from QSO 68D,1299; 4.4 arcmin from NGC 474, 2118
0117-023 O		1 17 18.81 -2 19 3.6	1 19 51.72 -2 3 19.8				2.017	H I 1216 N V 1240 O IV 1402 C IV 1549 C III 1909		2182	2182				
0117-180 O	UM 671	1 17 20.5 -18 3 5	1 19 47.00 -17 47 21.1	17.3			1.79 +	H I 1216 N V 1240 C IV 1549		1025	1025				1025,1208BAL
0117-354 O	MD4:87	1 17 28.87 -35 25 43.3	1 19 46.72 -35 9 59.4	18.7			0.37	Mg II 2798 O II 3727		1289 1948	1289				z in 1948 differs (2.11)
0117-380 O		1 17 29.4 -38 4 11	1 19 45.65 -37 48 27.1	18.9			2.02	H I 1216 N V 1240 C IV 1549		478 1289	478 1289				846rnd
0117-370 O		1 17 34.3 -37 5 27	1 19 51.14 -36 49 43.2	19.3			2.26	H I 1216 N V 1240 Si II 1307 Si IV 1397 O IV 1402 C III 1909		1289	1289				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0117+213 C X R	PG	1 17 34.7 21 18 4	1 20 17.32 21 33 47.1	16.05			1.500	C IV 1549 C III 1909		1117	1117 2251 2281		2011		1487,2112x, 1598sp, 1352spvar, 1729,2005ir, 2174varnd 5.6 arcmin from ZWG 459.034,1650, 2118
0117+001 O		1 17 38.33 0 11 20.7	1 20 12.22 0 27 3.9				(0.648)	Mg II 2798		2182	2182				
0117–356 O	MD4:88	1 17 38.99 –35 40 54.8	1 19 56.66 –35 25 11.2	19.9			0.37	Mg II 2798 O II 3727		1289 1948	1289				z in 1948 differs (2.19)
0117–400 O		1 17 39.9 –40 4 44	1 19 54.81 –39 49 0.3	19.4			2.09	H I 1216 N V 1240 C IV 1549		478	478				846rnd
0117–379 O	MD4:88	1 17 40.16 –37 54 22.9	1 19 56.47 –37 38 39.3	20.0			1.48	C IV 1549 C III 1909		1948	1948				1948phot mag
0117–374 O		1 17 40.4 –37 25 29	1 19 57.01 –37 9 45.4	19.7			1.94	H I 1216 C IV 1549		1289	1289				
0117–378 O		1 17 40.5 –37 53 12	1 19 56.82 –37 37 28.4	20.0			2.25	H I 1216 C IV 1549		1289	1289				
0117–024 O	UM 316	1 17 40.66 –2 24 48.0	1 20 13.53 –2 9 4.8	18.1			0.960	C III 1909 Mg II 2798		465	1025 2182				1042pos
0117–012 O		1 17 41.86 –1 14 22.0	1 20 15.19 –0 58 38.8				0.202	H I 4340 H I 4861 O III 5007		2182	2182				
0117–372 O	MD4:90	1 17 50.85 –37 16 6.4	1 20 7.52 –37 0 23.1	20.1			2.18	H I 1216 C IV 1549		1289 1948	1289 1948				
0118–353 O		1 18 0.9 –35 18 14	1 20 18.72 –35 2 30.9	19.4			1.95	H I 1216 Si II 1307 Si IV 1397 O IV 1402 C IV 1549		1289	1289				
0118–334 O		1 18 3.4 –33 26 10	1 20 22.29 –33 10 27.0	20.0			0.29	Mg II 2798 O II 3727		1289	1289				
0118–272 R	PKS	1 18 9.5 –27 17 7	1 20 31.64 –27 1 24.2	15.56	.37	–.67			0.559	011 1441 1800 2121	2205			2205	1485phot originally BL Lac object, 1441,1800, 2121, now QSO with z(abs) only,2205
0118–359 O		1 18 11.2 –35 56 21	1 20 28.61 –35 40 38.2	19.8			1.88	N V 1240 Si IV 1397 O IV 1402 C IV 1549		1289	1289				
0118–396 O		1 18 16.1 –39 37 52	1 20 31.17 –39 22 9.2	17.6			1.18	C III 1909 Mg II 2798		478	478				846rnd
0118–031 C	A	1 18 21.6 –3 8 2	1 20 54.17 –2 52 19.8	18.70			1.445	C IV 1549 C III 1909 Mg II 2798		1456 1457	1456 2182				
0118–348 O	MD4:91	1 18 25.80 –34 49 53.6	1 20 43.82 –34 34 11.1	19.9			1.60	C IV 1549 C III 1909		1948	1948				1948phot mag
0118–341 O		1 18 25.8 –34 10 24	1 20 44.21 –33 54 41.6	19.7			0.86	C III 1909 Mg II 2798		1289	1289				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0118+034	PKS	1 18 26.05	1 21 1.25	18.09*	.31	-.59	0.765	C III 1909		050	026	759	775		1320rpol,059,
R	4C 03.02	3 28 32.2	3 44 14.2					Mg II 2798		1484	436		789		1967phot
	NRAO 68							Ne V 3426			1484		1111		8.63 arcmin
	OC 031							O II 3727					1476		from NGC 479,
	3C 39							NeIII 3869					1877		23 arcmin from
													1888		NGC 474,2118
0118-377		1 18 26.9	1 20 43.15	19.0			0.34	Mg II 2798		1289	1289				
O		-37 44 21	-37 28 38.5					O II 3727							
0118-018		1 18 38.96	1 21 12.06				1.909	H I 1216		2182	2182				
O		-1 48 29.5	-1 32 47.7					SiIVb 1400							
								C IV 1549							
								C III 1909							
0118-031	C	1 18 39.71	1 21 12.27	19.94			1.165	C IV 1549		1456	1456				0.4arcmin from
C		-3 8 50.2	-2 53 8.4					He II 1640		1457					B; 4.9 arcmin
								C III 1909							from A,1456
								Mg II 2798							
0118-031	B	1 18 39.82	1 21 12.38	19.01			2.112*	SiIVb 1400	2.0192	1456	1456			1456	4.8arcmin from
C		-3 8 26.7	-2 52 44.9					C IV 1549	1.4648	1457	2182			2228	A,1456
								C III 1909						2263	
0118+003		1 18 54.21	1 21 28.15				0.328	Mg II 2798		2182	2182				
O		0 19 8.8	0 34 50.2					O III 5007							
0119+115	PKS	1 19 3.08	1 21 41.60	19			0.570	O II 3727		1984	1984				1984pol
R		11 34 9.6	11 49 50.6												near extended
															companion,1984
0119-370		1 19 7.6	1 21 24.11	19.2			1.32	C IV 1549		1289	1289				
O		-37 5 44	-36 50 2.6					C III 1909							
0119-338		1 19 8.2	1 21 26.65	19.8			2.25	H I 1216		1289	1289				
O		-33 51 56	-33 36 14.6					N V 1240							
								Si II 1307							
								C IV 1549							
0119-323		1 19 9.6	1 21 28.90	20.5			0.87	C III 1909		1289	1289				
O		-32 22 31	-32 6 49.7					Mg II 2798							
0119-369	MD4:92	1 19 15.72	1 21 32.31	19.1			2.20	H I 1216		1289	1289				
O		-36 55 55.5	-36 40 14.3					C IV 1549		1948	1948				
0119-338		1 19 18.3	1 21 36.71	19.8			1.61	C IV 1549		1289	1289				
O		-33 53 0	-33 37 18.9					C III 1909							
0119-341		1 19 21.1	1 21 39.34	18.5			2.22	H I 1216		1289	1289				9.92 arcmin
O		-34 9 41	-33 53 59.9					N V 1240							from NGC 491,
								Si II 1307							2118
								Si IV 1397							
								O IV 1402							
								C IV 1549							
0119+041	OC 033	1 19 21.40	1 21 56.87	19.5			0.637	Mg II 2798		237	443		955		831sp,955x,
R	PKS	4 6 44.0	4 22 24.6					O II 3727							1013varnd,
X	GC							H I 4861							1521vlbi,
								O III 4959							010fc,1789mm,
								O III 5007							1810pos,
															2103pol
0119-334	MD4:93	1 19 25.16	1 21 43.78	19.3			1.38	C IV 1549		1289	1289				z in 1948
O		-33 29 5.1	-33 13 24.1					C III 1909		1948					differs (2.00)
0119-009		1 19 27.82	1 22 1.27				1.941	H I 1216		2182	2182				
O		-0 55 21.0	-0 39 40.5					SiIVb 1400							
								C IV 1549							
								C III 1909							
0119-286	GD 1339	1 19 31.0	1 21 52.27	14.7	.19	-1.04	0.117	He 3970		1412	1803				1617ir,1773mf,
	TON S 210	-28 36 42	-28 21 1.2					H I 4102		1803	1413				1803ubv
	HEAO							H I 4340							located in a
								H I 4861							group of gals,
								O III 4959							1773
								O III 5007							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0119–403		1 19 31.3	1 21 45.56	19.1			2.31	H I 1216		478	478				846rnd
O		–40 23 36	–40 7 55.1					N V 1240							
								C IV 1549							
0119–341		1 19 33.8	1 21 51.98	20.6			1.47	Si IV 1397		1289	1289				9.42 arcmin
O		–34 11 57	–33 56 16.2					O IV 1402							from NGC 491,
								C IV 1549							2118
								C III 1909							
0119–351		1 19 35.2	1 21 52.83	19.3			2.30	H I 1216		1289	1289				
O		–35 7 35	–34 51 54.3					Si IV 1397							
								O IV 1402							
								C IV 1549							
0119–334	MD4:94	1 19 45.79	1 22 4.38	17.2			1.11	C III 1909		1948	1948				1948phot mag
O		–33 25 51.8	–33 10 11.4												
0119–358		1 19 48.3	1 22 5.45	17.8			1.74	H I 1216		1289	1289				
O		–35 50 55	–35 35 14.6					C IV 1549							
0119–634	MC	1 19 52.35	1 21 40.30	17.3			0.837	MgVII 2632		031	466		023		675fc
R	PKS	–63 24 43.4	–63 9 2.6					Mg II 2798					1503		
								O III 3133					1966		
								O III 3133							
								O II 3727							
								NeIII 3869							
0119+247	B2	1 19 54.2	1 22 38.74	18.5			2.025	H I 1216		010	443		010		831,1181sp,
R	PKS	24 46 52	25 2 31.6					Si IV 1397					1297		1526vlbi,
	GC							O IV 1402					2162		1617ir
								C IV 1549							
								Mg II 2798							
0119–046	PKS	1 19 55.96	1 22 27.91	16.47*	.46	–.72	1.969*	H I 1216	1.9724	055	571	1485	128	054	055,056,
R	4C 04.04	–4 37 7.2	–4 21 27.3					Si IV 1397	1.9646		054		1818	571	1485ubv,705,
X	OC 034							C IV 1549	1.7403		1901		1976	975	1202pol,
	PB 8761							He II 1640	1.6512					1106	749pos,1005x,
								O III 1663	0.7199					1394	077fc,1513elp,
								C III 1909	0.6577					1510	1526vlbi,
														1873	2095imag,
														2228	2251sp
														2263	Ly alpha abs,
															975;1902avg ph
															mag;14 arcsec
															from anon gal,
															0.133zgal,1901
															2118
0120–001		1 20 5.42	1 22 39.17				0.908	C III 1909		2182	2182				
O		–0 10 9.0	0 5 30.6					Mg II 2798							
0120–358		1 20 9.3	1 22 26.37	19.4			0.38	Mg II 2798		1289	1289				
O		–35 52 5	–35 36 25.1					O II 3727							
0120–341	MD4:95	1 20 12.70	1 22 30.80	19.8			2.26	H I 1216		1289	1289				
O		–34 7 43.0	–33 52 3.2					C IV 1549		1948	1948				
0120–378	MD4:96	1 20 19.69	1 22 35.50	19.5			2.15	H I 1216		1289	1289				
O		–37 48 36.5	–37 32 56.9					C IV 1549		1948	1948				
0120+026	UM 100	1 20 21.3	1 22 56.22	18			3.272*	H I 1216	0.9144	444	496			2039	
O		2 41 53	2 57 32.1					N V 1240						2263	
0120–330	MD4:97	1 20 25.98	1 22 44.68	18.8			2.31	H I 1216		1289	1289				
O		–33 2 24.5	–32 46 45.1					C IV 1549		1948	1948				
0120–002		1 20 28.13	1 23 1.86				1.353	C IV 1549		2182	2182				
O		–0 12 15.1	0 3 23.9					C III 1909							
0120–378		1 20 29.3	1 22 45.05	19.5			2.17	H I 1216		1289	1289				
O		–37 51 11	–37 35 31.6					Si II 1307							
								C IV 1549							
0120–029		1 20 29.39	1 23 1.99				0.437	Mg II 2798		2182	2182				
O		–2 59 39.7	–2 44 0.7					H I 4102							
								H I 4340							
0120+002		1 20 35.18	1 23 9.12				0.771	Mg II 2798		2182	2182				
O		0 17 27.9	0 33 6.7												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0120-340	MD4:98	1 20 38.92	1 22 56.98	17.5			1.53	C IV 1549		1948	1948				1948phot mag
O		-34 4 24.5	-33 48 45.4					C III 1909							
0120-335	MD4:99	1 20 42.15	1 23 0.52	19.4			2.14	H I 1216		1289	1289				
O		-33 31 4.4	-33 15 25.4					C IV 1549		1948	1948				
0120-350		1 20 44.3	1 23 1.73	20.3			1.89	H I 1216		1289	1289				
O		-35 5 12	-34 49 33.0					N V 1240							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
0120-334		1 20 48.7	1 23 7.09	19.4			2.21	H I 1216		1289	1289				
O		-33 27 17	-33 11 38.1					Si II 1307							
								C IV 1549							
0120+092		1 20 53.6	1 23 31.25	18.2	.50		0.176	He I 5876		1314	1314				1314ubv, 1209imag 6 arcmin from NGC 509; 9 arcmin from NGC 516 (UGC 946),1314; 9.83 arcmin from NGC 505, 2118
X		9 16 13	9 31 51.2												
0120-325		1 20 55.3	1 23 14.18	19.6			1.55	Si IV 1397		1289	1289				
O		-32 33 52	-32 18 13.3					O IV 1402							
								C IV 1549							
								C III 1909							
0121-334		1 21 1.4	1 23 19.75	20.3			2.02	H I 1216		1289	1289				
O		-33 27 30	-33 11 51.5					Si IV 1397							
								O IV 1402							
								C IV 1549							
0121-551		1 21 4.7	1 23 5.00	18.9			2.34	H I 1216		1294	1294				
O		-55 8 45	-54 53 6.2					C IV 1549							
0121-320		1 21 5.4	1 23 24.53	19.5			1.66	N V 1240		1289	1289				
O		-32 4 57	-31 49 18.6					Si IV 1397							
								O IV 1402							
								C IV 1549							
								C III 1909							
0121+007		1 21 5.97	1 23 40.12				1.31			2182	2182				
O		0 47 54.1	1 3 32.1												
0121-379	MD4:100	1 21 10.36	1 23 25.89	19.7			2.21	H I 1216		1948	1948				1948phot mag
O		-37 58 2.0	-37 42 23.6					C IV 1549							
0121-358	MD4:101	1 21 12.11	1 23 28.99	17.9			1.52	C IV 1549		1948	1948				1948phot mag
O		-35 50 40.6	-35 35 2.3												
0121-329	MD4:102	1 21 18.27	1 23 36.89	17.9			2.325+	H I 1216		1289	1289			1489	
O		-32 54 6.3	-32 38 28.2					C IV 1549		1948	1489				
								C III 1909			1948				
0121-332		1 21 18.5	1 23 36.94	18.5			1.69	Si IV 1397		1289	1289				
O		-33 12 26	-32 56 47.9					O IV 1402							
								C IV 1549							
								C III 1909							
0121-342		1 21 20.4	1 23 38.21	20.1			0.36	Mg II 2798		1289	1289				
O		-34 15 52	-34 0 13.9					O II 3727							
0121-337		1 21 29.0	1 23 47.10	20.3			0.83	C III 1909		1289	1289				
O		-33 44 25	-33 28 47.2					Mg II 2798							
0121-328		1 21 29.3	1 23 47.93	18.7			0.36	Mg II 2798		1289	1289				
O		-32 49 47	-32 34 9.2					O II 3727							
0121+009		1 21 40.35	1 24 14.55				1.553			2182	2182				
O		0 55 38.9	1 11 16.0												
0121-008		1 21 42.11	1 24 15.59				2.250	H I 1216		2182	2182				
O		-0 48 55.6	-0 33 18.5					SiIVb 1400							
								C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0121+008		1 21 44.05	1 24 18.23				2.043			2182	2182				
O		0 53 3.5	1 8 40.5												
0121–353	MD4:103	1 21 44.19	1 24 1.29	20.5			2.16	H I 1216		1948	1948				1948phot mag
O		–35 18 44.1	–35 3 6.6												
0121–339		1 21 47.9	1 24 5.82	20.2			0.35	Mg II 2798		1289	1289				
O		–33 56 22	–33 40 44.7					O II 3727							
0121–328	MD4:104	1 21 51.85	1 24 10.42	20.2			2.33	H I 1216		1948	1948				1948phot mag
O		–32 49 33.5	–32 33 56.3					C IV 1549							
0121+108	MC 2	1 21 52.46	1 24 30.82	18			0.510	Mg II 2798		1111	415		1111		40 arcsec from
R		10 50 4.8	11 5 41.5					Ar IV 2854							anon gal,2118
								O III 3133							
								Ne V 3345							
								NeIII 3869							
0121–351		1 21 56.7	1 24 13.87	19.9			1.56	C IV 1549		1289	1289				
O		–35 8 27	–34 52 49.9					C III 1909							
0121–360	MD4:105	1 21 56.71	1 24 13.34	19.7			1.55	C IV 1549		1948	1948				1948phot mag
O		–36 0 21.0	–35 44 43.9												
0121–324		1 21 57.4	1 24 16.16	19.5			1.67	C IV 1549		1289	1289				
O		–32 28 0	–32 12 22.9					C III 1909							
0121–022		1 21 57.87	1 24 30.75				0.987	C III 1909		2182	2182				
O		–2 15 53.1	–2 0 16.4					Mg II 2798							
0121+034	NGC 520	1 21 58.1	1 24 33.36	18.5	–.20		0.336	H I 4861		1314	1314				1209imag
X	48	3 28 2	3 43 38.6							1484	1484				4.18 arcmin
															from NGC 520,
															1314,2118
0121+318	MKN 992	1 21 59.2	1 24 47.82	17.5			0.654	Mg II 2798		1415	1414		1757		
C		31 51 50	32 7 26.3					Ne V 3345							
R								NeIII 3869							
0121–373		1 21 59.3	1 24 15.06	19.4			1.49	C IV 1549		1289	1289				
O		–37 20 51	–37 5 13.9					C III 1909							
0122+035	NGC 520	1 22 0	1 24 35.28	20.0			2.000			1484	1484				7.5arcmin from
C	192	3 31 54	3 47 30.6												NGC 520,2118
0122+035	NGC 520	1 22 0	1 24 35.28	18.38			1.341			1484	1484				46.67 arcmin
C	79	3 31 54	3 47 30.6												from NGC 520,
															2118
0122+035	NGC 520	1 22 0	1 24 35.28	19.0			1.468			1484	1484				27.83 arcmin
C	D1	3 31 54	3 47 30.6												from NGC 520,
															2118
0122+035	NGC 520	1 22 0	1 24 35.28	17.73			1.202			1484	1484				8.03 arcmin
C	40	3 31 54	3 47 30.6												from NGC 520,
															2118
0122+035	NGC 520	1 22 0	1 24 35.28	18.0			1.670			1484	1484				29.5 arcmin
C	D9	3 31 54	3 47 30.6												from NGC 520,
															2118
0122+035	NGC 520	1 22 0	1 24 35.28	18.5			0.311			1484	1484				11.67 arcmin
C	D2	3 31 54	3 47 30.6												from NGC 520,
															2118
0122+035	NGC 520	1 22 0	1 24 35.28	18.78			0.923			1484	1484				11.17 arcmin
C	53	3 31 54	3 47 30.6												from NGC 520,
															2118
0122+035	NGC 520	1 22 0	1 24 35.28	18.59			0.633			1484	1484				22.17 arcmin
C	31	3 31 54	3 47 30.6												from NGC 520,
															2118
0122+035	NGC 520	1 22 0	1 24 35.28	17.88			1.405			1484	1484				21.67 arcmin
C	30	3 31 54	3 47 30.6												from NGC 520,
															2118
0122+035	NGC 520	1 22 0	1 24 35.28	19.57			0.221			1484	1484				30 arcmin from
C	46	3 31 54	3 47 30.6												NGC 520,2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0122−346	MD4:106	1 22 0.65	1 24 18.12	18.0			2.81	H I 1216		1948	1948				1948phot mag
O		−34 37 36.6	−34 21 59.6												
0122−380		1 22 2.2	1 24 17.52	16.5			2.181*	H I 1216	1.9790	431	710			710	780,886,
O		−38 0 4	−37 44 27.0					N V 1240	1.9734		431			1394	1983ir,846rnd,
								O I 1304	1.9699		478			2228	912xnd
								C II 1335	1.9638		1400			2263	382 arcmin
								Si IV 1397	1.9101						from NGC 300,
								O IV 1402	1.8143						1650;Ly alpha
								C IV 1549							abs,710
0122−353		1 22 2.7	1 24 19.70	20.6			1.67	Si II 1307		1289	1289				6.05 arcmin
O		−35 22 35	−35 6 58.0					C IV 1549							from NGC 526,
								C III 1909							3.6arcmin from
															NGC 527,2118
0122−042	PKS	1 22 3.4	1 24 35.44	17.03	0.00	−.69	0.561	Mg II 2798		296	1304				761sp,1485ubv
R	PB 8800	−4 16 43	−4 1 6.4					Ne V 3426							
0122−328		1 22 6.7	1 24 25.21	19.7			2.22	H I 1216		1289	1289				
O		−32 51 9	−32 35 32.2					C IV 1549							
0122−356		1 22 18.9	1 24 35.71	19.7			2.05	H I 1216		1289	1289				
O		−35 36 42	−35 21 5.4					Si II 1307							
								C IV 1549							
0122−345		1 22 25.7	1 24 43.14	20.5			2.28	H I 1216		1289	1289				
O		−34 33 13	−34 17 36.6					Si II 1307							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
0122−028		1 22 27.18	1 24 59.82				2.020	H I 1216		2182	2182				
O		−2 49 18.4	−2 33 42.4					N V 1240							
								SiIVb 1400							
								C IV 1549							
								C III 1909							
0122−334		1 22 37.9	1 24 55.98	20.0			2.26	H I 1216		1289	1289				
O		−33 25 43	−33 10 7.0					C IV 1549							
0122−353		1 22 38.4	1 24 55.30	19.3			0.34	Mg II 2798		1289	1289				
O		−35 21 13	−35 5 36.9					O II 3727							
0122−005	UM 320	1 22 43.6	1 25 17.18	18.6			2.28	H I 1216		465	1025				1042pos
O		−0 34 4	−0 18 28.5					N V 1240							
								C IV 1549							
0122−325	MD4:107	1 22 45.99	1 25 4.56	19.9			2.45	H I 1216		1948	1948				1948phot mag
O		−32 32 49.3	−32 17 13.5												
0122−321		1 22 47.0	1 25 5.79	19.0			2.20	H I 1216		1289	1289				
O		−32 10 0	−31 54 24.2					C IV 1549							
0122−359	MD4:108	1 22 47.03	1 25 3.56	17.3			1.19	C III 1909		1948	1948				1948phot mag
O		−35 54 13.8	−35 38 38.0												
0122−325		1 22 51.6	1 25 10.14	19.6			2.26	H I 1216		1289	1289				
O		−32 35 15	−32 19 39.3					C IV 1549							
0122−352		1 22 52.7	1 25 9.60	19.9			0.38	Mg II 2798		1289	1289				
O		−35 16 51	−35 1 15.3					O II 3727							
0122−003	PKS	1 22 55.16	1 25 28.83	16.70*	.28	−.75	1.070	C IV 1549		057	002	492	128		059,1485ubv,
R	4C 00.10	−0 21 31.0	−0 5 55.8					C III 1909			058		789		004,1202pol,
	OC 038							Mg II 2798			480		803		749pos,
	OA 60.2												866		1526vlbi,079,
	UM 321												1976		465fc
	PB 6429														faint gals
															nearby,2118
0122−328		1 22 56.4	1 25 14.78	19.9			2.07	H I 1216		1289	1289				
O		−32 49 22	−32 33 46.4					C IV 1549							
0123−359		1 23 0.2	1 25 16.64	20.1			2.26	H I 1216		1289	1289				
O		−35 58 50	−35 43 14.5					C IV 1549							
0123−348		1 23 1.2	1 25 18.37	20.1			0.22	Mg II 2798		1289	1289				
O		−34 48 33	−34 32 57.6					O II 3727							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0123-527 O		1 23 3.9 -52 47 56	1 25 6.24 -52 32 20.4	16.7			(2.32)	H I 1216		1294	1294				
0123-365 O	MD4:109	1 23 8.55 -36 31 17.9	1 25 24.61 -36 15 42.6	18.9			2.457	H I 1216 N V 1240 C IV 1549		1247 1289 1948	1247 1948				
0123-005 O		1 23 10.44 -0 31 18.0	1 25 44.04 -0 15 43.2				1.887	C IV 1549		2182	2182				
0123-372 O	MD4:110	1 23 11.51 -37 13 41.3	1 25 27.10 -36 58 6.1	20.3			2.13	H I 1216 He II 1640		1948	1948				1948phot mag
0123-347 O		1 23 13.7 -34 43 13	1 25 30.89 -34 27 37.9	19.7			0.36	Mg II 2798 O II 3727		1289	1289				
0123-396 O		1 23 24 -39 36 43	1 25 37.93 -39 21 8.1	19.7			2.23	H I 1216 N V 1240 C IV 1549		478	478				846rnd
0123-329 O		1 23 25.9 -32 56 9	1 25 44.13 -32 40 34.2	20.6			1.83	H I 1216 C IV 1549		1289	1289				
0123-349 O		1 23 26.7 -34 59 25	1 25 43.68 -34 43 50.2	18.7			2.30	H I 1216 C IV 1549		1289	1289				
0123-005 O		1 23 28.67 -0 34 58.2	1 26 2.24 -0 19 23.9				1.761	C IV 1549 C III 1909		2182	2182				
0123-329 O	MD4:111	1 23 29.19 -32 55 52.2	1 25 47.41 -32 40 17.5	20.0			1.92	H I 1216 C IV 1549		1948	1948				1948phot mag
0123-351 O		1 23 30.1 -35 7 42	1 25 46.98 -34 52 7.3	20.6			0.34	Mg II 2798 O II 3727		1289	1289				
0123-357 O		1 23 36.7 -35 45 58	1 25 53.16 -35 30 23.5	18.6			2.26	H I 1216 C IV 1549		1289	1289				
0123-369 O		1 23 37.4 -36 55 32	1 25 53.10 -36 39 57.5	19.9			1.60	C IV 1549 C III 1909		1289	1289				
0123-332 O	MD4:112	1 23 37.71 -33 14 9.2	1 25 55.73 -32 58 34.7	19.0			2.25	H I 1216 C IV 1549		1289 1948	1289 1948				z in 1948 differs (1.59)
0123-368 O	MD4:113	1 23 38.75 -36 48 9.4	1 25 54.53 -36 32 34.9	18.6			2.205	H I 1216 N V 1240 C IV 1549 C III 1909		1247 1289 1948	1247 1289 1948				
0123-353 O		1 23 39.6 -35 19 16	1 25 56.33 -35 3 41.6	20.2			2.72	H I 1216 Si IV 1397 O IV 1402		1289	1289				
0123-361 O		1 23 41.6 -36 11 18	1 25 57.77 -35 55 43.6	20.0			1.48	C IV 1549 C III 1909		1289	1289				
0123-323 O		1 23 49.1 -32 18 43	1 26 7.63 -32 3 8.8	19.0			0.32	Mg II 2798 O II 3727		1289	1289				
0123-226 R	PKS OC 240 MC	1 23 51.24 -22 38 7.4	1 26 14.97 -22 22 33.4	18.5			0.720	Mg II 2798 Ar IV 2854 H I 4340 O III 4363		466	466		1966		761sp,296fc
0123-351 O		1 23 53.7 -35 11 21	1 26 10.47 -34 55 46.9	20.5			0.82	C III 1909 Mg II 2798		1289	1289				
0123-341 O	MD4:114	1 23 56.95 -34 10 25.5	1 26 14.34 -33 54 51.5	20.4			2.11	H I 1216		1948	1948				1948phot mag
0123+257 R	4C 25.05 PKS OC 240	1 23 57.27 25 43 28.2	1 26 42.81 25 59 1.5	17.5			2.358*	O VI 1034 H I 1216 N V 1240 Si IV 1397 C IV 1549 He II 1640 O III 1663 C III 1909	2.3682	033	060 032		128 462 774	032 060 061 327 2228 2263	1201pol, 750pos,582, 831sp, 1526vlbi

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0123-021	UM 322	1 23 57.36	1 26 30.26	18.6			1.912	H I 1216		465	2182				12.4 arcmin
O	PB 6441	-2 9 31.3	-1 53 57.7					N V 1240			465				from NGC 558,
								SiIVb 1400			1025				2118
								C IV 1549							
								C III 1909							
0124-373		1 24 0.2	1 26 15.52	19.8			0.88	C III 1909		1289	1289				
O		-37 23 20	-37 7 46.1					Mg II 2798							
0124-369		1 24 2.7	1 26 18.29	20.6			1.58	C IV 1549		1289	1289				
O		-36 57 55	-36 42 21.1					C III 1909							
0124-360		1 24 11.5	1 26 27.69				1.56	C IV 1549		1289	1289				
O		-36 0 33	-35 44 59.4					C III 1909							
0124-368	MD4:115	1 24 14.72	1 26 30.35	18.5			1.72	Si IV 1397		1289	1289				z in 1948
O		-36 50 53.3	-36 35 19.8					O IV 1402		1948					differs (2.42)
								C IV 1549							
								C III 1909							
0124-341	MD4:116	1 24 34.91	1 26 52.22	20.3			1.36	C IV 1549		1948	1948				1948phot mag
O		-34 6 51.7	-33 51 18.7					C III 1909							
0124-021	UM 324	1 24 35.83	1 27 8.72	17.8 *			0.355	Mg II 2798		465	1968	752			2145imag
O	PB 6447	-2 11 11.1	-1 55 38.5					H I 4340			480				3.27 arcmin
								H I 6563			1025				from NGC 558;
											2182				4.97 arcmin
															from NGC 560;
															9.73 arcmin
															from NGC 564,
															2118
0124-323	MD4:117	1 24 37.54	1 26 55.88	17.5			2.20	H I 1216		1289	1289				
O		-32 23 43.3	-32 8 10.4					C IV 1549		1948	1948				
0124-365		1 24 48.5	1 27 4.19	19.0			1.61	C IV 1549		1289	1289				
O		-36 34 36	-36 19 3.4					C III 1909							
0125-414	PKS	1 25 2.3	1 27 14.49	17.4	.35	-.71	(1.099)	Mg II 2798		103	1304		387		761sp,736ubv
R		-41 28 18	-41 12 45.7										1966		
0125-363	MD4:118	1 25 3.42	1 27 19.18	18.6			1.34	C IV 1549		1948	1948				1948phot mag
O		-36 23 50.5	-36 8 18.3												
0125-004	UM 327	1 25 14.8	1 27 48.41	18.2			2.07	H I 1216		465	1025				
O	PB 6455	-0 29 3	-0 13 31.5					N V 1240			465				
								C IV 1549							
								C III 1909							
0125-352	MD4:119	1 25 27.61	1 27 44.06	18.5			2.163	H I 1216		1247	1247				
O		-35 13 26.1	-34 57 54.5					N V 1240		1289	1289				
								C IV 1549		1948	1948				
0125-341	MD4:120	1 25 36.77	1 27 53.84	20.0			2.38	H I 1216		1289	1289				z in 1948
O		-34 11 17.1	-33 55 45.8					C IV 1549		1948					differs (1.61)
0125-400		1 25 39.1	1 27 52.23	17.1			1.39	C IV 1549		478	478				846rnd
O		-40 1 3	-39 45 31.7					C III 1909							400 arcmin
															from NGC 300,
															1650
0125-332		1 25 45.4	1 28 3.03	18.5			2.10	H I 1216		1289	1289				
O		-33 15 14	-32 59 42.9					N V 1240							
								C IV 1549							
0125-321		1 25 46.4	1 28 4.71	19.0			0.33	Mg II 2798		1289	1289				
O		-32 7 42	-31 52 11.0					O II 3727							
0125-355		1 25 47.1	1 28 3.26	20.0			2.87	H I 1216		1289	1289				
O		-35 34 14	-35 18 42.9												
0125-359	MD4:121	1 25 50.40	1 28 6.33	19.5			2.21	H I 1216		1948	1948				1948phot mag
O		-35 54 47.9	-35 39 16.9												
0125-376	MD4:122	1 25 51.01	1 28 5.78	19.0			1.84	H I 1216		1289	1289				
O		-37 38 8.6	-37 22 37.6					C IV 1549		1948	1948				
0125-543		1 25 57.7	1 27 57.07	18.3			2.42	H I 1216		1294	1294				
O		-54 23 35	-54 8 3.9					C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0126+030 O	UM 104 PB 6465	1 26 8.5 3 1 19	1 28 43.63 3 16 49.0	17.8 *			1.62	H I 1216 C IV 1549		445	480	1427 1967			853rnd,901pol
0126–335 O		1 26 17.1 –33 33 55	1 28 34.44 –33 18 24.8	18.0			1.50	C IV 1549 C III 1909		1289	1289				
0126–015 O	UM 328 PB 6468	1 26 24.1 –1 35 18	1 28 57.23 –1 19 48.4	16.6			0.83	C III 1909 Mg II 2798		465	1025				1042pos
0126–562 O		1 26 25.4 –56 17 5	1 28 22.09 –56 1 34.6	19.4			(2.21)			1294	1294				
0126–349 O		1 26 43.9 –34 54 41	1 29 0.31 –34 39 11.5	18.0			2.08	H I 1216 C IV 1549		1289	1289				
0126–330 O		1 26 57.9 –33 1 54	1 29 15.45 –32 46 24.9	18.0			1.95	H I 1216 C IV 1549		1289	1289				
0127+233 R	3CR 43	1 27 15.04 23 22 51.5	1 29 59.76 23 38 19.4	20 *			1.459	Ne IV 2439 Mg II 2798		008	462 1408	066	462 774 787 801 882 916 1393 1585 1804 1891 1976 2000 2013		1320rpol, 1526vlbi,066, 463fc
0127–543 O		1 27 15.3 –54 20 1	1 29 14.27 –54 4 32.0	18.8			2.50			1294	1294				
0127–557 O		1 27 18.3 –55 46 41	1 29 15.34 –55 31 12.1	17.4			2.21			1294	1294				
0127+059 O	UM 109	1 27 49.6 5 54 54	1 30 26.05 6 10 21.2	18.9			(2.30)	H I 1216 C IV 1549		445	445				853rnd 25.23 arcmin from 3C 44, 2188
0127–416 O	MD2:1	1 27 52.94 –41 41 59.4	1 30 4.27 –41 26 31.7	19.8			2.77	H I 1216 Si IV 1397 O IV 1402		1948	1948				1948phot mag
0128–411 O	MD2:2	1 28 6.92 –41 8 44.0	1 30 18.63 –40 53 16.7	18.7			2.38	H I 1216 N V 1240 C IV 1549 He II 1640		478 1948	478 1948				
0128–424 O	MD2:3	1 28 20.34 –42 25 17.8	1 30 30.99 –42 9 50.8	20.2			2.30	H I 1216 C IV 1549		1948	1948				1948phot mag
0128+074 C	PHL 3375 PB 6482	1 28 25.21 7 28 14.5	1 31 2.38 7 43 40.7	18.00*	.29	–.51	0.390	Mg II 2798 H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		018	018 030	1068 1902			029,062ubv, 853rnd, 1420FeIIem (18.00)avg Bmag,1902
0128–367 O		1 28 27 –36 47 0	1 30 41.83 –36 31 33.3	18.3			2.164*	C III 1909	2.125	1247	1247			1247 2228	1247BAL
0128–392 O	MD2:4	1 28 36.70 –39 16 20.2	1 30 49.72 –39 0 53.7	18.7			1.44	C IV 1549 He II 1640 C III 1909		1948	1948				1948phot mag
0128–436	C20.06	1 28 40.1 –43 36 42	1 30 49.68 –43 21 15.6	18.7			2.50			2277	2277				
0128–573 O		1 28 41.2 –57 19 55	1 30 35.44 –57 4 28.3	18.5			2.20	H I 1216		1294	1294				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0128-392 O	MD2:5	1 28 49.13 -39 13 36.4	1 31 2.13 -38 58 10.3	20.0			2.32	LYB 1026 O VI 1034 H I 1216		1948	1948				1948phot mag 3.57 arcmin from 012836.70 -391620.2,1948
0128-525 O		1 28 55.4 -52 33 20	1 30 55.96 -52 17 53.8	17.5			2.38			1294	1294				
0129-409 O	MD2:6	1 29 7.13 -40 56 51.8	1 31 18.76 -40 41 26.2	19.8			1.95	H I 1216 C IV 1549		1948	1948				1948phot mag
0129-410 O	MD2:7	1 29 8.04 -41 1 19.1	1 31 19.61 -40 45 53.5	19.8			2.41	LYB 1026 H I 1216		1948	1948				1948phot mag
0129-375 O	MD2:8	1 29 19.28 -37 31 25.0	1 31 33.41 -37 15 59.7	20.3			1.32	C IV 1549 He II 1640		1948	1948				1948phot mag
0129-426 O	MD2:9	1 29 20.79 -42 40 12.7	1 31 30.99 -42 24 47.4	19.5			2.26	H I 1216 C IV 1549		1948	1948				1948phot mag
0129-021 O	UM 331 PHL 3400	1 29 34.5 -2 11 56	1 32 7.33 -1 56 31.6	18.6			1.39	H I 1216 O I 1304 C IV 1549		465	480				
0129-398 O	MD2:10	1 29 46.86 -39 49 27.8	1 31 59.20 -39 34 3.3	19.1			1.40	C IV 1549		1948	1948				1948phot mag
0129-378 O	MD2:11	1 29 47.96 -37 48 38.3	1 32 1.79 -37 33 13.8	19.4			2.10	H I 1216		1948	1948				1948phot mag
0129-369 O		1 29 59 -36 54 0	1 32 13.44 -36 38 35.9	19.1			2.245	H I 1216 N V 1240 C IV 1549 C III 1909		1247	1247				
0130-392 O	MD2:12	1 30 1.84 -39 13 42.9	1 32 14.58 -38 58 18.8	19.0			2.01	H I 1216		1948	1948				1948phot mag
0130-390 O	MD2:13	1 30 14.72 -39 1 31.4	1 32 27.56 -38 46 7.7	19.4			1.79	H I 1216 C IV 1549		1948	1948				1948phot mag
0130-171 R	PKS	1 30 17.6 -17 10 10	1 32 43.40 -16 54 46.6	18.44	.46	-.27	1.022	C III 1909 Mg II 2798		057	1304 1305		1966 1976		761sp,056ubv, 1320rpol, 1526vlbi
0130-401 O		1 30 21.2 -40 10 9	1 32 33.15 -39 54 45.4	20.3			1.73	C IV 1549 C III 1909		430	442 430 479 1022				
0130-414 O	MD2:14	1 30 29.69 -41 24 18.6	1 32 40.64 -41 8 55.3	20.8			2.46	H I 1216		1948	1948				1948phot mag
0130+033 C X	PHL 1027 UM 114	1 30 31.63 3 23 41.3	1 33 7.00 3 39 4.0	16.91*	-.03	-.77	0.363	Ne V 3426 NeIII 3869 H I 4340 H I 4861 O III 5007		018	018	752 1068			029,062ubv, 853rnd,780ir, 912,1488, 1980x,445fc, 1700,2145imag 1902avg Bmag
0130-416 O		1 30 38.2 -41 37 56	1 32 48.93 -41 22 32.9	19.4			1.30 +			430	1022 430 479			479	
0130+242 R	4C 24.02 PKS OC 250 VR24.01.02 B2	1 30 39.05 24 12 18.7	1 33 24.62 24 27 40.9	16.8			0.457	Mg II 2798 H I 4102 H I 4861		033	032		462 774 775 800		705,877, 1202pol, 1320rpol, 1617ir, 1688imag faint gals nearby,2118
0130-404 O X	MD2:15	1 30 45.84 -40 25 51.0	1 32 57.50 -40 10 28.1	19.2			2.16	H I 1216 Si IV 1397 O IV 1402 C IV 1549		430 1948	442 430 479 1022 1948				1430x

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0130+038 O	UM 117	1 30 47.2 3 50 22	1 33 22.78 4 5 44.3	19.4			1.37	C IV 1549		445	480				853rnd
0130–403 O X		1 30 50.5 –40 21 54	1 33 2.19 –40 6 31.3	17.02	.66	–.22	3.03 *	O VI 1034 H I 1216 N V 1240 Si IV 1397 C IV 1549	2.5598	330	535 331 430 442 478 479 1022			535 911 1208 2228 2263	846rnd,597, 911,954sp, 430fc,1485ubv, 1430x,1847ir 469 arcmin from NGC 300, 1650;Ly limit abs,z=2.85,911
0130–406 O	MD2:16	1 30 50.65 –40 38 6.7	1 33 2.13 –40 22 44.0	19			2.39	H I 1216 Si IV 1397 O IV 1402 C IV 1549		430 1948	442 430 479 1022 1948				
0130+473 X	1H	1 30 54 47 20 14	1 33 56.33 47 35 35.4	19			0.859			2268	2269				2269var?
0130–422 O	MD2:17	1 30 54.56 –42 12 3.3	1 33 4.76 –41 56 40.7	20.2			2.38	H I 1216		1948	1948				1948phot mag
0130–406 O X		1 30 59.1 –40 40 47	1 33 10.51 –40 25 24.5	20.4			1.52 +	1216 1549		430	1022 430 479			479	1430x
0131–404 O X	MD2:18	1 31 3.63 –40 27 25.5	1 33 15.20 –40 12 3.1	19			1.48	C IV 1549 C III 1909		430 1948	442 430 478 479 1022 1948				846rnd,478fc, 1430x 3.78 arcmin from QSO 013045.84 –402551.0, 1948
0131+037 C X	PHL 1033 UM 118	1 31 7.82 3 42 13.5	1 33 43.34 3 57 35.2	18.7	–.20	–.30	0.255	Mg II 2798 Ne V 3426 O II 3727 H I 4102 H I 4861 O III 4959 O III 5007		445	030				029ubv,853rnd, 912,1488x
0131+055 C	PHL 3424	1 31 8.08 5 32 32.2	1 33 44.45 5 47 53.8	18.25	.19	–.90	1.847	H I 1216 N V 1240 O IV 1402 C IV 1549 C III 1909			062 030				029,062ubv, 853rnd,1617ir
0131–405 O		1 31 9 –40 35 44	1 33 20.44 –40 20 21.8	20.5			2.25 +	H I 1216 C IV 1549		430	430 479 1022			479	
0131–415 O		1 31 12.2 –41 32 19	1 33 22.87 –41 16 56.9	20.2			1.55	C IV 1549 C III 1909		430	442 430 479 1022				
0131+013 O	PC	1 31 14.3 1 20 54	1 33 48.74 1 36 15.5	19.4			3.793			1698	1698				1698rmag
0131–413 O		1 31 17.7 –41 23 26	1 33 28.47 –41 8 4.0	19.7			(1.24)	H I 1216 C IV 1549		430	430 442 479 1022				
0131+009 O R	UM 338	1 31 18.4 0 58 25	1 33 52.67 1 13 46.4	18.5			(1.37)	C IV 1549		465	480		866		
0131–385 O	MD2:19	1 31 18.45 –38 35 31.0	1 33 31.39 –38 20 9.1	19.8			2.91	H I 1216		1948	1948				1948phot mag
0131–384 O	MD2:20	1 31 21.09 –38 24 36.0	1 33 34.15 –38 9 14.2	18.9			1.42	C IV 1549 C III 1909		1948	1948				1948phot mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0131-401 O		1 31 22.1 -40 11 16	1 33 33.81 -39 55 54.2	19.8			1.83 +	H I 1216 C IV 1549 C III 1909		430	1022 430 442 479			479	
0131-401 O		1 31 24.1 -40 8 46	1 33 35.83 -39 53 24.2	19.5			(1.67)	C IV 1549 C III 1909		430	442 430 479				
0131-401 O		1 31 29.7 -40 8 15	1 33 41.42 -39 52 53.4	20			1.65	H I 1216 C IV 1549		430	479 430 442 1022				
0131-397 O	MD2:21	1 31 35.36 -39 45 53.7	1 33 47.35 -39 30 32.3	20.2			1.96	H I 1216 C IV 1549 He II 1640		1948	1948				1948phot mag
0131-402 O X		1 31 36.6 -40 17 56	1 33 48.17 -40 2 34.6	20.3			2.11	H I 1216 Si IV 1397 O IV 1402 C IV 1549		430	442 430 479 1022				1430x
0131-528 O		1 31 38.1 -52 53 19	1 33 37.30 -52 37 57.4	18.8			2.15			1294	1294				
0131-409 O		1 31 40 -40 54 23	1 33 51.07 -40 39 1.7	19.8			2.36	H I 1216 C IV 1549		430	442 430 479 1022				
0131+000 O	UM 341 PHL 1037	1 31 44.4 0 0 16	1 34 18.22 0 15 36.7	17.8 *			0.401	Mg II 2798 H I 4340 H I 4861 O III 5007 H I 6563		465	1968 480	752			2145imag
0131+015 O	UM 340 PHL 1038	1 31 44.9 1 31 28	1 34 19.42 1 46 48.6	17.8			0.411	Mg II 2798 H I 4102 H I 4340 H I 4861 O III 5007 H I 6563		465	1968 480				2145imag
0131-409 O		1 31 48.4 -40 54 49	1 33 59.44 -40 39 27.9	19.9			(1.34)	H I 1216		430	479 430 442 1022				
0131-397 O	MD2:22	1 31 53.23 -39 47 35.8	1 34 5.13 -39 32 14.9	20.1			1.89	H I 1216		1948	1948				1948phot mag 3.88 arcmin from 013135.36 -394553.7,1948
0132-399 O	MD2:23	1 32 5.41 -39 56 22.9	1 34 17.15 -39 41 2.3	18.5			2.22	H I 1216 C IV 1549		1948	1948				1948phot mag
0132-377 O	MD2:24	1 32 5.67 -37 45 22.5	1 34 19.06 -37 30 2.0	19.3			2.05	H I 1216 C IV 1549		1948	1948				1948phot mag
0132-403 O X	MD2:25	1 32 9.94 -40 18 2.7	1 34 21.38 -40 2 42.2	19.5			2.18	H I 1216 Si IV 1397 O IV 1402 C IV 1549		430 1948	442 430 478 479 1022 1948				1430x,478fc
0132+205 C	NAB	1 32 14.74 20 30 30.4	1 34 58.50 20 45 49.9	17.5 *			1.782+	H I 1216 Si IV 1397 O IV 1402 C IV 1549		016	016	759		016	705,1202pol, 853rnd,1617ir
0132-197 O	UM 672	1 32 14.9 -19 47 19	1 34 39.20 -19 31 59.0	18.7			3.130*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.3880 1.3781	1025	1025 1874			1874 2228 2263	Ly limit abs, z=2.484,1874

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0132-393	MD2:26	1 32 17.09	1 34 29.24	20.2			2.74	H I 1216		1948	1948				1948phot mag
O		-39 21 25.7	-39 6 5.5												
0132-408		1 32 20.8	1 34 31.80	20.7			2.42 +			430	1022			479	
O		-40 48 26	-40 33 5.8								479				
0132-406		1 32 22.2	1 34 33.34	19.5			2.15	H I 1216		430	430				
O		-40 37 18	-40 21 57.9					C IV 1549			442				
											479				
											1022				
0132+077	PHL 1049	1 32 31.7	1 35 9.13	17.26	.61	-.70	0.147	Mg II 2798			030				029,062ubv,
C		7 43 46.8	7 59 6.0					O II 3727							853rnd,
								H I 4102							1026ext,1207,
								H I 4340							1261imag
								H I 4861							
								O III 4959							
								O III 5007							
0132-075	NGC 615	1 32 35.4	1 35 5.68	18.5			1.64			948	948				3.92 arcmin
C	UB 1	-7 35 48	-7 20 28.7												from NGC 615,
															2118
0132-389	MD2:27	1 32 35.59	1 34 47.96	18.1			1.09	C IV 1549		1948	1948				1948phot mag
O		-38 59 6.5	-38 43 46.8					C III 1909							
0132-399	MD2:28	1 32 37.60	1 34 49.24	18.5			1.59	C IV 1549		1948	1948				1948phot mag
O		-39 54 37.2	-39 39 17.5												
0132-388	MD2:29	1 32 46.59	1 34 59.02	18.7			2.14	H I 1216		1948	1948				1948phot mag
O		-38 51 5.1	-38 35 45.7					C IV 1549							
0132-377	MD2:30	1 32 50.35	1 35 3.56	19.4			2.22	H I 1216		1948	1948				1948phot mag
O		-37 47 54.3	-37 32 35.0					C IV 1549							
0132-409	MD2:31	1 32 53.19	1 35 3.97	19.4			2.41	H I 1216		478	478				
O		-40 55 37.8	-40 40 18.6					N V 1240		1948	430				
								C IV 1549			479				
											1948				
0133-372	MD2:32	1 33 3.42	1 35 16.97	19.8			2.10	H I 1216		1948	1948				1948phot mag
O		-37 16 16.9	-37 0 58.0					C IV 1549							
0133-394	MD2:33	1 33 5.73	1 35 17.62	19.4			2.53	H I 1216		1948	1948				1948phot mag
O		-39 28 7.2	-39 12 48.4					C IV 1549							
0133-204	MC 1	1 33 13.62	1 35 37.50	18.4			1.141	C IV 1549		673	673		1966		761,1304sp,
R	PKS	-20 24 4.3	-20 8 46.0					C III 1909			1305				1352spvar,
								Mg II 2798							1526vlbi,
															1704fc,
															1898pos
0133-407	MD2:34	1 33 17.88	1 35 28.74	18.4			2.09	H I 1216		1948	1948				1948phot mag
O		-40 42 16.2	-40 26 57.7					C IV 1549							
0133-391	MD2:35	1 33 23.64	1 35 35.70	19.8			2.08	H I 1216		1948	1948				1948phot mag
O		-39 9 42.9	-38 54 24.6					C IV 1549							
0133+004	NGC 622	1 33 25.8	1 35 59.82	18.5			0.91			540	540				1.18 arcmin
C	UB 1	0 24 36	0 39 53.7												from NGC 622,
	PHL 7392														2118
0133+004	NGC 622	1 33 25.8	1 35 59.82	20.2			1.46			540	540				1.22 arcmin
C	BSO 1	0 24 36	0 39 53.7												from NGC 622,
															2118
0133-401	MD2:36	1 33 28.24	1 35 39.50	20.1			2.81	H I 1216		1948	1948				1948phot mag
O		-40 9 9.4	-39 53 51.2												
0133-409	MD2:37	1 33 30.01	1 35 40.64	19.5			2.33	H I 1216		1948	1948				1948phot mag
O		-40 55 55.5	-40 40 37.4					C IV 1549							
0133-405	MD2:38	1 33 37.44	1 35 48.32	19.2			1.59	C IV 1549		1948	1948				1948phot mag
O		-40 35 36.6	-40 20 18.7					C III 1909							
0133-405	MD2:39	1 33 40.27	1 35 51.18	19.1			1.11	He II 1640		1948	1948				1948phot mag
O		-40 32 38.9	-40 17 21.1					C III 1909							3.00 arcmin
															from 013337.44
															-403536.6,1948

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0133+207	3CR 47	1 33 40.42	1 36 24.42	18.1 *	.05	-.65	0.425	Mg II 2798		065	065	066	128		005,063ubv,
R	4C 20.07	20 42 10.6	20 57 27.6					Ne V 3426				290	462		1320rpol,696,
X	PKS							O II 3727				759	775		912,1107,
	CTA 14							NeIII 3869					784		1781x,1195,
	OC 256							H I 4340					785		1753xvar,
	NRAO 78							O III 4363					916		1201pol,295fc,
	DA 53							O III 4959					1235		1922sp
								O III 5007					1340		1796rpol jet
													1476		
													1804		
													1888		
													1891		
													2013		
0133+011	UM 344	1 33 45.1	1 36 19.49	18.7			1.43	C IV 1549		465	1025				1042pos
O	PHL 3470	1 11 52	1 27 9.1					C III 1909							
0133-373	MD2:40	1 33 48.68	1 36 2.05	20.2			1.81	H I 1216		1948	1948				1948phot mag
O		-37 18 24.6	-37 3 7.1					C IV 1549							
0133-388	MD2:41	1 33 50.41	1 36 2.60	19.6			2.50	H I 1216		1948	1948				1948phot mag
O		-38 51 59.1	-38 36 41.6					C IV 1549							
0133+476	OC 457	1 33 55.1	1 36 58.59	17.66*			0.859	C III 1909		213	1540	1902	837		865pos,936,
R	DA 55	47 36 11	47 51 27.2					Mg II 2798			448		852		1336,1661rvar,
								O III 4959					988		044sp,507fc,
								O III 5007					1543		1280,1526,
													1544		1862,1919vlbi,
													1557		1789mm,
													1771		1805mmvar,
													1807		2103pol
													1930		1902avg ph mag
0133-381	MD2:42	1 33 58.23	1 36 10.92	19.1			2.74	H I 1216		1948	1948				1948phot mag
O		-38 10 48.4	-37 55 31.1					Si IV 1397							
								O IV 1402							
0134-428	MD2:43	1 34 6.80	1 36 15.64	19.8			2.26	H I 1216		1948	1948				1948phot mag
O		-42 52 50.8	-42 37 33.7					C IV 1549							
0134-402	MD2:44	1 34 14.31	1 36 25.31	18.6			1.82	H I 1216		1948	1948				1948phot mag
O		-40 16 17.7	-40 1 0.9					C IV 1549							
0134-421	MD2:45	1 34 30.66	1 36 40.02	19.8			1.31	C IV 1549		1948	1948				1948phot mag
O		-42 9 54.6	-41 54 38.2					C III 1909							
0134-382	MD2:46	1 34 35.07	1 36 47.55	20.3			2.72	LYB 1026		1948	1948				1948phot mag
O		-38 17 2.9	-38 1 46.7					H I 1216							
0134-426	MD2:47	1 34 38.61	1 36 47.54	19.9			1.94	H I 1216		1948	1948				1948phot mag
O		-42 38 9.7	-42 22 53.5					C IV 1549							
0134-376	MD2:48	1 34 39.70	1 36 52.63	18.2			2.493+	H I 1216		1247	1247				1247BAL
O		-37 40 19.8	-37 25 3.7					N V 1240		1948	1948				6.7arcmin from
								C IV 1549							NGC 633,2118
0134-387	MD2:49	1 34 41.08	1 36 53.19	18.0			1.92	H I 1216		1948	1948				1948phot mag
O		-38 44 23.3	-38 29 7.3					C IV 1549							
0134-406	MD2:50	1 34 42.66	1 36 53.28	19.6			1.98	H I 1216		1948	1948				1948phot mag
O		-40 36 17.1	-40 21 1.1												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0134+329 R X	3CR 48 4C 32.08 NRAO 79 OC 358 B2 DA 54 CTA 15	1 34 49.83 32 54 20.4	1 37 41.30 33 9 35.2	16.46*	.19	-.27	0.367	Mg II 2798 Ne V 2974 Ne V 3345 Ne V 3426 O II 3727 NeIII 3869 NeIII 3968 H I 4102 H I 4340 O III 4363 He I 4471 He II 4686 H I 4861 O III 4959 O III 5007		067	069 068 070 557 1731	005 007 066 067 127 212 248 249 250 251 290 1068 1142 2054	128 462 801 816 882 934 1393 1888 1891 2000 2013		005,063,067, 1451ubv,067, 071,705,1202, 2103pol, 1336rvar,1355, 1941uv,984, 1362,1760ext, 799,1376,1617, 2021ir,1028, 1789mm,1107, 1781x, 1108absr,1194, 1259,1688, 1700imag, 749pos,1095, 1126, 1223spext,335, 776,958, 1467sp,161, 245,301fc, 1526vlbi, 2104rmap 958,1467,2100 strong FeIIem; IRAS source, 1744;faint gal near,1344; 12 arcsec from anon gal, 3 arcsec from anon gal,0.368 zgal,2118; 1902avg ph mag
0134-406 O	MD2:51	1 34 52.46 -40 37 28.3	1 37 3.03 -40 22 12.6	19.5			2.22	H I 1216 C IV 1549		1948	1948				1948phot mag 2.23 arcmin from 013442.66 -403617.1,1948
0135-400		1 35 0 -40 1 0	1 37 11.03 -39 45 44.5				1.85 *		1.8607 1.8581 1.8311 1.7830 1.761 1.6216		1514			1514 2228	1514BAL z(abs) 1.74- 1.72,1514
0135+036 X	1E	1 35 0.3 3 39 29.9	1 37 35.87 3 54 44.8	18.7			0.637	Mg II 2798 Ne V 3426		1416	1416				1048x
0135+056 C	PHL 1072	1 35 12.27 5 40 11.7	1 37 48.81 5 55 26.2	18.3	-.10	-.30	0.615	Mg II 2798 Ne V 3426			030				029ubv,853rnd 8.1arcmin from NGC 632,2118
0135-247 R X	PKS OC 259	1 35 17.16 -24 46 9.4	1 37 38.40 -24 30 54.6	17.33*	.19	-.94	0.831	C III 1909 Mg II 2798		011	493 1149 1304	745 2054	1966		761,1304sp, 886,1305ir, 1350x,109fc, 1485ubv, 1526vlbi, 1789mm, 1810pos, 2103pol
0135-057 C R	PHL 1078 4C 05.06	1 35 29.1 -5 42 6	1 38 0.19 -5 26 51.9	18.25*	.04	-.81	0.308	Mg II 2798 O III 5007		001	002	006 249 290	775 1111		001,003, 029ubv, 1630imag
0135-372 O	MD2:52	1 35 30.12 -37 16 15.7	1 37 43.18 -37 1 1.2	19.1			1.41	C IV 1549 C III 1909		1948	1948				1948phot mag
0135-002 O	UM 349	1 35 40.9 -0 15 10	1 38 14.60 0 0 3.7	19.1			2.15	H I 1216 N V 1240 C IV 1549		465	1025 465				1042pos
0135-383 O	MD2:53	1 35 43.05 -38 20 14.8	1 37 55.25 -38 5 0.6	20.1			2.25	H I 1216 C IV 1549		1948	1948				1948phot mag
0135-385 O	MD2:54	1 35 48.78 -38 32 56.5	1 38 0.80 -38 17 42.5	20.0			2.23	H I 1216 C IV 1549		1948	1948				1948phot mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0135–531 O		1 35 49.8 –53 7 10	1 37 47.23 –52 51 55.7	19.8			2.20			1294	1294				
0136–407 O	MD2:55	1 36 14.14 –40 43 42.8	1 38 24.31 –40 28 29.5	18.3			2.23	H I 1216 C IV 1549		1948	1948				1948phot mag
0136+060 X R	1E	1 36 20.2 6 5 50.1	1 38 56.97 6 21 2.6	18.6			0.450	Mg II 2798 O II 3727 H I 4340 H I 4861 O III 5007		1416	1416		991		1048x,1910sp
0136+060 O	UM 121	1 36 25.7 6 0 25	1 39 2.43 6 15 37.3	18.9			2.35	H I 1216 C IV 1549		445	1550 445				853rnd
0136–373 O	MD2:56	1 36 28.18 –37 22 29.4	1 38 40.96 –37 7 16.6	18.0			1.18	C IV 1549 C III 1909		1948	1948				1948phot mag
0136–385 O	MD2:57	1 36 34.99 –38 31 56.6	1 38 46.86 –38 16 44.0	19.6			2.16	H I 1216 C IV 1549		1948	1948				1948phot mag
0136–231 R	PKS	1 36 35.4 –23 10 3	1 38 57.41 –22 54 50.6	18.8			1.893	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		296	1304		1966		761sp
0136–415 O	MD2:58	1 36 38.54 –41 35 31.5	1 38 47.89 –41 20 18.9	19.6			1.83	H I 1216 C IV 1549		1948	1948				1948phot mag
0136+176 R	UT	1 36 59.2 17 37 57	1 39 41.86 17 53 8.1	18.5			2.73	O VI 1034 H I 1216 C IV 1549		1437	1437		2162		
0137–421 O	MD2:59	1 37 16.79 –42 11 0.1	1 39 25.47 –41 55 48.7	19.3			1.98	H I 1216		1948	1948				1948phot mag
0137+060 C X	PHL 1092	1 37 19.02 6 4 10.5	1 39 55.81 6 19 21.2	17	–.20	–.50	0.396+	Mg II 2798 H I 4861 O III 5007			030 1420			030	029ubv,705, 1202pol,780ir, 838fc,912, 1488x,838sp, 853rnd, 1700imag 838,1420strong FeIIem; 0.57 arcmin from anon gal,1650,2118
0137+012 C R	PHL 1093 4C 01.04 OC 062 PKS UM 355	1 37 22.78 1 16 35.2	1 39 57.23 1 31 45.8	17.07*	.05	–1.02	0.258	Mg II 2798 Ne V 3426 NeIII 3869 O III 4959 O III 5007		001	002 005 054 334	006 752	128 775 789 803 866 1111 1171 1174 1877 1891		001,003, 029ubv,004, 1201pol,1259, 1630,1911imag, 940ext, 1526vlbi,334, 1922sp,026, 465fc faint gals nearby,2118
0137–419 O	MD2:60	1 37 22.91 –41 59 53.3	1 39 31.73 –41 44 42.1	19.4			2.45	H I 1216 C IV 1549		1948	1948				1948phot mag
0137–010 C X	NAB UM 357 PHL 1096	1 37 43.75 –1 5 12.9	1 40 17.04 –0 50 2.9	16.49*	–.12	–.75	0.334	Mg II 2798 O II 3727 NeIII 3869 NeIII 3968 He 3970 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		072	072 417 480	712			417,1485ubv, 705,1202pol, 912,1488, 1980x,1420sp, 1420FeIIem, 465fc,1630, 1700,2145imag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0137-018	UM 356	1 37 45.3	1 40 18.20	18.5 *			2.24 +	H I 1216		465	1025	752			1042pos,1025,
O	PHL 3582	-1 53 14	-1 38 4.0					N V 1240			465				1208BAL
								Si IV 1397							
								C IV 1549							
								C III 1909							
0138+030	UM 125	1 38 7.1	1 40 42.41	18.9			(1.26)	C IV 1549		445	445				853rnd
O		3 1 9	3 16 18.3					He II 1640							
								C III 1909							
0138-129	UT	1 38 10.1	1 40 37.47	18.0			1.18	C IV 1549		1437	1437				
R		-12 57 8	-12 41 58.6					C III 1909							
								Mg II 2798							
0138-387	MD2:61	1 38 10.93	1 40 22.29	19.8			2.12	H I 1216		1948	1948				1948phot mag
O		-38 44 36.9	-38 29 27.2												
0138-381	MD2:62	1 38 13.70	1 40 25.54	17.6			2.874*	O VI 1034	2.6523	330	331			535	846rnd,911sp
O		-38 8 11.7	-37 53 2.1					H I 1216		1948	478			1208	
								N V 1240			535			2228	
								O I 1304			1948			2263	
								Si IV 1397							
								C IV 1549							
0138-408	MD2:63	1 38 15.35	1 40 24.92	19.2			1.57	C IV 1549		1948	1948				1948phot mag
O		-40 53 49.2	-40 38 39.6					C III 1909							
0138-339		1 38 16	1 40 30.97	18.5			2.356	H I 1216		1247	1247				
O		-33 56 0	-33 40 50.5					N V 1240							
								C IV 1549							
0138+007	UM 359	1 38 20.3	1 40 54.50	18.7			1.65	C IV 1549		465	1025				1042pos
O		0 45 52	1 1 0.9					C III 1909							
0138-342		1 38 34	1 40 48.71	18.3			2.08	H I 1216		1247	1247				
O		-34 13 0	-33 57 51.1					N V 1240							
								C IV 1549							
								C III 1909							
0138-396	MD2:64	1 38 34.11	1 40 44.68	18.9			1.36	C IV 1549		1948	1948				1948phot mag
O		-39 37 4.4	-39 21 55.4												
0138-548		1 38 48.8	1 40 42.77	20.8			2.28			1294	1294				
O		-54 49 35	-54 34 26.1												
0138-421	MD2:65	1 38 52.21	1 41 0.52	20.9			2.26	H I 1216		1948	1948				1948phot mag
O		-42 10 54.0	-41 55 45.5					C IV 1549							
0138-097	PKS	1 38 56.87	1 41 25.85	17.5 *						1418		1800			087fc,781ir,
BL Lac R		-9 43 52.2	-9 28 44.3									2054			761sp,1789mm,
															1800,1988,
															2046,2062,
															2103pol,
															1810pos,2112x
0138-410	MD2:66	1 38 58.23	1 41 7.52	18.4			1.08	He II 1640		1948	1948				1948phot mag
O		-41 1 55.3	-40 46 47.0												
0138-423	MD2:67	1 38 59.87	1 41 8.03	20.0			2.29	H I 1216		1948	1948				1948phot mag
O		-42 18 26.2	-42 3 17.9					C IV 1549							
0139-552		1 39 3.6	1 40 56.86	19.5			2.35	H I 1216		1294	1294				
O		-55 14 53	-54 59 44.6					C IV 1549							
0139-411	MD2:68	1 39 4.43	1 41 13.62	19.4			2.07	H I 1216		1948	1948				1948phot mag
O		-41 6 55.4	-40 51 47.3												
0139-374	MD2:69	1 39 6.97	1 41 19.14	19.2			1.87	H I 1216		1948	1948				1948phot mag
O		-37 28 58.2	-37 13 50.2												
0139+059	PHL 1106	1 39 22.73	1 41 59.52	18.3	-.10	-.40	0.345	Mg II 2798			030				029ubv,853rnd
C		5 56 56.7	6 12 3.6					Ne V 3426							
								O II 3727							
								NeIII 3869							
0139-407	MD2:70	1 39 24.02	1 41 33.43	18.3			1.53	Si IV 1397		1948	1948				1948phot mag
O		-40 46 38.2	-40 31 30.7					O IV 1402							
								C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0139-525		1 39 35.0	1 41 31.84	20.5			2.32	H I 1216		1294	1294				
O		-52 34 35	-52 19 27.6					C IV 1549							
0139-380	MD2:71	1 39 38.23	1 41 49.82	19.0			1.97	H I 1216		1948	1948				1948phot mag
O		-38 5 8.4	-37 50 1.4												
0139-371		1 39 49	1 42 1.30	17.9			0.365	O II 3727		1247	1247				
O		-37 8 0	-36 52 53.3												
0139-402	MD2:72	1 39 51.18	1 42 0.91	19.6			2.21	H I 1216		1948	1948				1948phot mag
O		-40 17 25.4	-40 2 18.7					C IV 1549							
0139+061	PHL 3632	1 39 57.73	1 42 34.65	17.80*	.13	-.75	1.479	C IV 1549		018	018	875			029,062ubv,
C		6 10 33.6	6 25 39.4					C III 1909				1068			853rnd
												1902			1902avg Bmag
0140-399	MD2:73	1 40 12.19	1 42 22.11	18.5			1.21	C III 1909		1948	1948				1948phot mag
O		-39 58 23.6	-39 43 17.6												
0140+081	PHL 1119	1 40 16.78	1 42 54.69	17.1	-.10	-.40	0.119	H I 4340			030				029ubv,853rnd
C		8 7 7	8 22 12.2					H I 4861							
								O III 4959							
								O III 5007							
0140-409	MD2:74	1 40 26.60	1 42 35.59	18.6			1.54	C III 1909		1948	1948				1948phot mag
O		-40 59 8.6	-40 44 3.0												
0140+015	UM 361	1 40 32.9	1 43 7.50	19.3 *			2.12	H I 1216		465	1025	752			1042pos
O		1 32 50	1 47 54.8					N V 1240							
								C IV 1549							
								C III 1909							
0140-412	MD2:75	1 40 35.26	1 42 43.99	18.7			1.11	He II 1640		1948	1948				1948phot mag
O		-41 14 52.8	-40 59 47.5					C III 1909							
0140-306		1 40 37.5	1 42 54.34	18.5			3.13 *	H I 1216	3.02	911	472			911	911sp
O		-30 38 50	-30 23 44.9											2263	Ly limit abs,
															911
0140-391	MD2:76	1 40 44.36	1 42 54.81	19.4			2.21	H I 1216		1948	1948				1948phot mag
O		-39 11 50.8	-38 56 45.8					C IV 1549							
0141-373	MD2:77	1 41 4.85	1 43 16.69	20.1			2.60	H I 1216		1948	1948				1948phot mag
O		-37 23 29.6	-37 8 25.3					Si IV 1397							
								O IV 1402							
0141+024	UM 131	1 41 12.1	1 43 47.16	18.7			1.42	C IV 1549		445	480				853rnd,901pol
O	PHL 3665	2 26 29	2 41 32.5												
0141+339	4C 33.03	1 41 18.55	1 44 11.90	17.01			1.455*	Si IV 1397	1.4722	073	073		775	1749	1201pol,324,
R	3CR 48/54	33 56 54.2	34 11 57.0					O IV 1402	0.4771		443		1297	2263	831,2251sp
	DA 58							C IV 1549	0.3360						1902avg ph mag
	OC 368							C III 1909							
	B2							Mg II 2798							
0141-419	MD2:78	1 41 32.82	1 43 40.72	19.1			2.29	H I 1216		1948	1948				1948phot mag
O		-41 55 50.3	-41 40 46.8					C IV 1549							
0141+052	PHL 1127	1 41 33.13	1 44 9.62	18.29*	.14	-.83	1.99 *	H I 1216	1.95	445	062	752		030	062ubv,853rnd,
C	UM 132	5 15 14.8	5 30 17.6					Si IV 1397			030			062	1513elp
								C IV 1549			445			2263	Ly alpha abs,
											480				030
											496				
0141-403	MD2:79	1 41 36.92	1 43 46.20	18.5			1.38	C IV 1549		1948	1948				1948phot mag
O		-40 21 31.4	-40 6 28.0												
0141-419	MD2:80	1 41 57.12	1 44 4.93	18.4			1.34	C IV 1549		1948	1948				1948phot mag
O		-41 55 33.0	-41 40 30.2					C III 1909							
0142-402	MD2:81	1 42 4.91	1 44 14.15	20.0			1.84	H I 1216		1948	1948				1948phot mag
O		-40 16 40.0	-40 1 37.5					C IV 1549							
0142+007	UM 365	1 42 27.3	1 45 1.51	18.3 *			1.93	H I 1216		465	1025	752			1042pos
O	PHL 3700	0 45 1	1 0 2.2					N V 1240							
								C IV 1549							
								C III 1909							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) / DEC (1950)	RA (2000) / DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0142-421	MD2:82	1 42 28.30	1 44 35.78	19.9			2.38	LYB 1026		1948	1948				1948phot mag
O		-42 9 3.5	-41 54 1.7					H I 1216							
0142-403	MD2:83	1 42 40.45	1 44 49.52	17.8			0.81	C III 1909		1948	1948				1948phot mag
O		-40 19 37.8	-40 4 36.5					Mg II 2798							
0142-278	PKS	1 42 45.0	1 45 3.41	19.0			1.153	C IV 1549		011	1304		1966		761sp,
R		-27 48 33	-27 33 32.0					C III 1909			1305				1526vlbi
								Mg II 2798							
0142-100	UM 673	1 42 48.6	1 45 17.26	17.0			2.719*	O VI 1034	2.3561	1025	1822	2174	1822	1822	grav lens,
O	PHL 3703	-10 0 13	-9 45 12.4					N II 1085	2.3245		1025			1872	2 images,A&B,
R	A							H I 1216	1.9405		1872			2228	sep by 2.22
								N V 1240						2263	arcsec,1750,
								O I 1304							2295;Ly alpha
								Si IV 1397							forest,2232
								O IV 1402							
								C IV 1549							
								He II 1640							
								O III 1663							
								C III 1909							
0142-100	B	1 42 48.6	1 45 17.26	19.1			2.719*	H I 1216	2.7362	1750	1750	2174		1822	grav lens,
		-10 0 13	-9 45 12.4					N V 1240	2.3564					2263	lensing gal
								Si IV 1397	1.8987						0.49zgal,mr=19
								O IV 1402							1750; Ly alpha
								C IV 1549							forest,2232
0142-407	MD2:84	1 42 50.57	1 44 59.23	18.9			1.52	C IV 1549		1948	1948				1948phot mag
O		-40 44 52.5	-40 29 51.5					C III 1909							
0142-427	MD2:85	1 42 51.02	1 44 57.83	17.9			1.42	C IV 1549		1948	1948				1948phot mag
O		-42 46 29.9	-42 31 28.8					C III 1909							
0143-420	MD2:86	1 43 13.53	1 45 20.89	18.5			1.67	C IV 1549		1948	1948				1948phot mag
O		-42 5 18.4	-41 50 18.1					C III 1909							
0143-384	MD2:87	1 43 15.08	1 45 25.58	19.6			2.21	H I 1216		1948	1948				1948phot mag
O		-38 29 59.7	-38 14 59.5					C IV 1549							
0143-015	UM 366	1 43 18.2	1 45 51.21	18.8			3.141*	H I 1216	1.6126	465	480			911	912xnd,597,
O	PHL 7756	-1 35 30	-1 20 30.4					Si IV 1397	1.5794		472			1874	911,986sp,
								O IV 1402	1.2853		1874			2228	1092ir
								C IV 1549	1.0383		2281			2263	
0143-402	MD2:88	1 43 29.96	1 45 38.95	20.0			2.55	H I 1216		1948	1948				1948phot mag
O		-40 12 10.1	-39 57 10.3												
0143-428	MD2:89	1 43 34.70	1 45 41.24	19.3			2.05	H I 1216		1948	1948				1948phot mag
O		-42 52 20.3	-42 37 20.6												
0143-407	MD2:90	1 43 41.71	1 45 50.22	19.0			1.54	C IV 1549		1948	1948				1948phot mag
O		-40 42 7.7	-40 27 8.3					C III 1909							
0143-010	UM 368	1 43 46.7	1 46 20.00	19			3.16 *	O VI 1034	2.82	465	480			911	912xnd,597,
O		-1 1 26	-0 46 27.4					H I 1216			465			2263	911,986sp,
											472				1092ir
															Ly limit abs,
															911
0143+020	UM 136	1 43 46.9	1 46 21.79	18.7 *			1.60	C IV 1549		445	480	752			853rnd
O		2 2 57	2 17 55.6												
0144-396	MD2:91	1 44 3.17	1 46 12.54	16.0			1.25	C IV 1549		1948	1948				1948phot mag
O		-39 38 4.0	-39 23 5.3					C III 1909							
0144-505		1 44 20.8	1 46 18.70	18.6			2.03			477	477				
O		-50 33 18	-50 18 19.7												
0144-414	MD2:92	1 44 34.73	1 46 42.33	20.1			2.03	H I 1216		1948	1948				1948phot mag
O		-41 29 24.4	-41 14 26.7					C IV 1549							
0144-412	MD2:93	1 44 35.27	1 46 43.09	18.3			1.19	C III 1909		1948	1948				1948phot mag
O		-41 14 18.4	-40 59 20.7												
0144-421	MD2:94	1 44 38.83	1 46 45.77	20.7			2.05	H I 1216		1948	1948				1948phot mag
O		-42 10 50.3	-41 55 52.7					C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	Z	VAR	R	ABS	NOTES
0144-506		1 44 47	1 46 44.68	19.7			(0.70)			477	477				
O		-50 37 22	-50 22 24.5												
0144-381	MD2:95	1 44 54.88	1 47 5.32	19.0			1.68	C IV 1549		1948	1948				1948phot mag
O		-38 10 0.4	-37 55 3.4					C III 1909							
0144-387	MD2:96	1 44 57.87	1 47 7.77	18.8			2.29	LYB 1026		1948	1948				1948phot mag
O		-38 47 40.0	-38 32 43.1					H I 1216							
								C IV 1549							
0144-515		1 44 58.5	1 46 54.94	18.95			(2.42)			477	477				
O		-51 31 11	-51 16 13.9												
0145+210	UT	1 45 8.8	1 47 54.14	17.5			0.62	Mg II 2798		1437	1437				
R		21 0 43	21 15 38.6												
0145-385	MD2:97	1 45 9.19	1 47 19.22	18.8			2.01	H I 1216		1948	1948				1948phot mag
O		-38 35 15.1	-38 20 18.6					C IV 1549							
0145+386	UT	1 45 26.5	1 48 24.40	16			1.44	C IV 1549		1437	1437				
R		38 39 9	38 54 3.8					C III 1909							
0145-409	MD2:98	1 45 39.34	1 47 47.19	19.6			2.03	H I 1216		1948	1948				1948phot mag
O		-40 56 50.4	-40 41 54.8					C IV 1549							
0145+042	UM 139	1 45 41.4	1 48 17.47	18.8 *			2.025*	H I 1216		445	1711	752	1213	480	853rnd,1182x,
O		4 16 25	4 31 19.8					C IV 1549			480			1512	1201pol,1208,
X														1711	1512,1514BAL
															z(abs) 1.944-
															1.889,1512
0145-527		1 45 41.4	1 47 35.91	20.0			2.41	H I 1216		477	1294				
O		-52 45 5	-52 30 9.2							1294					
0146-423	MD2:99	1 46 8.18	1 48 14.63	19.0			2.23	H I 1216		1948	1948				148phot mag
O		-42 19 25.7	-42 4 31.0					C IV 1549							
0146-400	MD2:100	1 46 16.27	1 48 24.82	19.9			2.49	H I 1216		1948	1948				1948phot mag
O		-40 1 16.1	-39 46 21.7												
0146-502		1 46 21.9	1 48 19.50	18.6			(0.31)			477	477				
O		-50 17 53	-50 2 58.6												
0146-509		1 46 26.8	1 48 23.58	18.8			(2.28)			477	477		477		
O		-50 54 29	-50 39 34.7												
R															
0146-424	MD2:101	1 46 29.14	1 48 35.42	20.1			2.18	H I 1216		1948	1948				1948phot mag
O		-42 25 8.6	-42 10 14.6					C IV 1549							
0146-389	MD2:102	1 46 39.82	1 48 49.24	19.8			2.15	H I 1216		1948	1948				1948phot mag
O		-38 55 53.5	-38 40 59.9												
0146-421	MD2:103	1 46 43.61	1 48 50.06	19.2			2.03	H I 1216		1948	1948				1948phot mag
O		-42 11 7.4	-41 56 13.9					C IV 1549							
0146+017	UM 141	1 46 44	1 49 18.73	18.6 *			2.909*	O VI 1034	1.6867	445	725	752		480	901,1202pol,
O		1 42 30	1 57 22.8					H I 1216	1.1292		472			725	1208,1512,
								C IV 1549			480			1512	1514BAL,
											1711			1711	912xnd,853,
											1874			1874	1213rnd,986sp,
														2228	1092ir
														2263	z(abs) 2.759-
															2.626,1512
0146-420	MD2:104	1 46 45.54	1 48 52.08	20.4			1.98	H I 1216		1948	1948				1948phot mag
O		-42 5 1.6	-41 50 8.2												
0146+056	PKS	1 46 45.6	1 49 22.45	19			2.345	H I 1216		213	443		010		1181sp,
R	OC 079	5 41 1	5 55 53.7					C IV 1549					1297		1526vlbi
	GC												2162		7.12 arcmin
															from NGC 676,
															2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0146-500 C R	PKS	1 46 55.9 -50 2 5	1 48 53.66 -49 47 11.7	18.35			2.261	H I 1216 N V 1240 Si II 1263 O I 1304 C IV 1549 C III 1909		467	467 477 1400		467 477		761,1304sp, 477fc,1966rnd
0147-399 O	MD2:105	1 47 5.85 -39 58 49.4	1 49 14.26 -39 43 56.7	19.8			2.45	LYB 1026 H I 1216		1948	1948				1948phot mag
0147-336	A21.03	1 47 6.4 -33 39 32	1 49 20.02 -33 24 39.4	17.2			1.7			2277	2277				
0147+019 O	UM 142 PHL 3828	1 47 7.4 1 56 46	1 49 42.26 2 11 38.0	17.7 *			1.39	C IV 1549 He II 1640		445	480	752			853rnd
0147-511 O		1 47 8.1 -51 7 59	1 49 4.36 -50 53 6.1	20			0.17			477	477				
0147-490 O		1 47 12.3 -49 3 19	1 49 11.20 -48 48 26.3	20			2.23			477	477				
0147-429 O	MD2:106	1 47 13.64 -42 56 58.2	1 49 19.23 -42 42 5.7	19.6			1.23	C III 1909		1948	1948				1948phot mag
0147-379 O	MD2:107	1 47 15.29 -37 59 30.4	1 49 25.40 -37 44 38.0	20.3			2.17	H I 1216		1948	1948				1948phot mag
0147-389 O	MD2:108	1 47 16.03 -38 55 11.4	1 49 25.34 -38 40 19.0	19.8			2.38	H I 1216 C IV 1549		1948	1948				1948phot mag
0147-500 O		1 47 20.4 -50 3 37	1 49 18.00 -49 48 44.5	19.2			(2.54)			477	477				
0147-530 O		1 47 37.2 -53 3 42	1 49 30.61 -52 48 50.0	18.3			(2.42)			1294	1294				
0147+089 C	PHL 1186	1 47 46.73 8 59 59.2	1 50 25.41 9 14 49.8	17.55*	-.02	-.83	0.27	Mg II 2798 Ne V 3345 Ne V 3426 O II 3727 NeIII 3869 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		018	018	1068 1902			029,040ubv, 1201pol, 853rnd, 1026ext,1207, 1261,1630imag, 334sp 1902avg Bmag; faint gal near 1344; 4 arcsec from anon gal, 0.2688zgal, 2118
0147-113 R	UT	1 47 50.4 -11 23 35	1 50 18.06 -11 8 44.2	17.5			1.43	C IV 1549 Mg II 2798		1437	1437				
0147-514 O		1 47 51.5 -51 25 27	1 49 47.14 -51 10 35.5	19.2			0.50			477	477				
0147-510 O		1 47 54.3 -51 4 42	1 49 50.39 -50 49 50.6	20			(3.20)			477	477				
0147-569 O		1 47 54.6 -56 54 2	1 49 41.73 -56 39 10.5	18.1			(2.05)			1294	1294				
0148-391 O	MD2:109	1 48 6.85 -39 6 57.9	1 50 15.81 -38 52 7.2	19.2			2.07	H I 1216 C IV 1549		1948	1948				1948phot mag
0148-202 R	MC 1 PHL 1195	1 48 14.54 -20 14 0.4	1 50 37.06 -19 59 10.3	18.2			0.859	C II 2326 Mg II 2798		673 1871	673				1704fc, 1966rnd
0148-381 O	MD2:110	1 48 14.66 -38 8 2.8	1 50 24.45 -37 53 12.4	20.2			2.26	H I 1216 C IV 1549		1948	1948				1948phot mag
0148-555 O		1 48 16.9 -55 31 22	1 50 6.25 -55 16 31.3	19.2			(2.33)			1294	1294				
0148-389 O	MD2:111	1 48 21.44 -38 59 27.4	1 50 30.46 -38 44 37.2	19.6			2.32	H I 1216 C IV 1549		1948	1948				1948phot mag
0148-423 O	MD2:112	1 48 28.51 -42 20 26.3	1 50 34.40 -42 5 36.3	20.5			2.25	H I 1216 C IV 1549		1948	1948				1948phot mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0148–428 O	MD2:113	1 48 30.94 –42 50 18.4	1 50 36.33 –42 35 28.4	19.8			2.27	H I 1216 C IV 1549		1948	1948				1948phot mag
0148–476 O		1 48 35.6 –47 37 20	1 50 35.81 –47 22 30.1	19			(2.19)			477	477				
0148–097 O	UM 674	1 48 38.8 –9 46 45	1 51 7.32 –9 31 55.9	18.6			2.850*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.6322 2.5564 2.1029 1.3855	1025	1025 1874 2281			1874 2228 2263	9.75 arcmin from NGC 701, 2118
0148–428 O	MD2:114	1 48 42.28 –42 52 29.3	1 50 47.59 –42 37 39.7	20.8			2.30	H I 1216 C IV 1549		1948	1948				1948phot mag 2.99 arcmin from 014830.94 –425018.4,1948
0148–409 O	MD2:115	1 48 49.88 –40 56 32.0	1 50 57.02 –40 41 42.7	19.3			0.80	C III 1909 Mg II 2798		1948	1948				1948phot mag
0148+090 C	PHL 1194	1 48 52.13 9 2 37	1 51 30.88 9 17 25.4	17.83*	–.07	–.85	0.299	Mg II 2798 Ne V 3345 Ne V 3426 O II 3727 NeIII 3869 H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		018	018 030 062 334	1068 1902			029,062ubv, 1201pol, 853rnd,334, 551sp,1026ext, 1207,1261imag 1902avg Bmag
0148–409 O	MD2:116	1 48 52.92 –40 55 5.0	1 51 0.07 –40 40 15.8	17.9			1.32	C IV 1549 C III 1909		1948	1948				1948phot mag 1.57 arcmin from 014849.88 –405632.0,1948
0148–516 O		1 48 53.7 –51 39 43	1 50 48.67 –51 24 53.6	18.2			2.53	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		477	1803				
0148–491 O		1 48 54.1 –49 8 16	1 50 52.39 –48 53 26.7	19.4			0.11			477	477				
0148–414 O	MD2:117	1 48 57.83 –41 29 59.6	1 51 4.41 –41 15 10.6	20.3			1.98	H I 1216 He II 1640		1948	1948				1948phot mag
0149–477 O		1 49 5.6 –47 47 32	1 51 5.47 –47 32 43.1	18.3			0.496			477	477 1400				
0149–404 O	MD2:118	1 49 5.87 –40 28 10.3	1 51 13.39 –40 13 21.6	18.6			1.38	C IV 1549		1948	1948				1948phot mag
0149–475 O		1 49 5.9 –47 34 34	1 51 6.02 –47 19 45.1	18.9			2.22			477	477				
0149–425 O	MD2:119	1 49 11.85 –42 35 21.2	1 51 17.32 –42 20 32.6	20.0			2.01	H I 1216		1948	1948				1948phot mag
0149–478 O		1 49 15 –47 51 52	1 51 14.74 –47 37 3.4	19.1			(0.94)			477	477				
0149–416 O	MD2:120	1 49 16.93 –41 39 21.6	1 51 23.29 –41 24 33.2	19.9			2.55	LYB 1026 H I 1216		1948	1948				1948phot mag
0149–422 O	MD2:121	1 49 17.60 –42 12 9.2	1 51 23.43 –41 57 20.8	19.5			1.88	H I 1216		1948	1948				1948phot mag
0149–397 O X	MD2:122	1 49 18.34 –39 42 42.7	1 51 26.51 –39 27 54.4	17.9			2.058	H I 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 C IV 1549 He II 1640		409 1948	409 328 478 1948				846rnd,1488x, 328fc

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0149–474 C		1 49 20.7 –47 26 48	1 51 20.91 –47 11 59.6	17.9			0.356	H I 4102 H I 4340 H I 4861		432	432 477 1400				477fc
0149–505 O		1 49 22.1 –50 31 14	1 51 18.47 –50 16 25.6	18.7			0.31			477	477				
0149+218 R	PKS GC	1 49 31.8 21 52 20	1 52 18.12 22 7 6.9	20.76			1.32	C IV 1549		1297	1181		086		1526vlbi, 1789mm
0149–511 O		1 49 33.9 –51 10 10	1 51 29.34 –50 55 22.0	19			1.95			477	477				
0149+335 R	OC 383 B2 GC	1 49 40.0 33 35 46	1 52 34.54 33 50 32.4	18.5			2.431*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.133	009	009 443		1297 2162	1550 1551 2263	1181sp prob damped Ly alpha,1550
0149–504 O		1 49 46.6 –50 28 28	1 51 42.90 –50 13 40.4	19			(2.39)			477	477				
0149–510 O		1 49 49.1 –51 4 56	1 51 44.57 –50 50 8.5	19.1			(0.29)			477	477				
0149–166 X		1 49 52.4 –16 39 29	1 52 16.92 –16 24 42.2	19.3	–.10		0.399			1314	1314				22 arcmin from NGC 725,1314, 2118
0149–409 O	MD2:123	1 49 53.49 –40 54 47.0	1 52 0.42 –40 39 59.9	19.9			1.95	H I 1216		1948	1948				1948phot mag
0150–202 O	UM 675	1 50 5.8 –20 15 29	1 52 28.13 –20 0 42.6	17.1			2.147*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.0097 1.9287 1.7666 0.7800 0.3892	1025	1025 1872			1872 1873 2228 2263	2173uv,2251sp 2173hst obs
0150–494 O		1 50 10.7 –49 25 47	1 52 8.24 –49 11 0.3	19.3			2.25			477	477				
0150–011 O	UM 373	1 50 17.7 –1 9 4	1 52 50.90 –0 54 18.3	18.8			0.88	C III 1909 Mg II 2798		465	1025				1042pos
0150–017 O	UM 375	1 50 26.2 –1 44 25	1 52 59.08 –1 29 39.6	19.0			2.02	H I 1216 N V 1240 C IV 1549 C III 1909		465	1025 465				
0150–405 O	MD2:124	1 50 26.75 –40 33 42.0	1 52 33.89 –40 18 56.0	17.7			1.48	C IV 1549		1948	1948				1948phot mag
0150–420 O	MD2:125	1 50 31.34 –42 2 37.5	1 52 37.04 –41 47 51.6	20.5			2.59	H I 1216 Si IV 1397		1948	1948				1948phot mag
0150–535 X	1H	1 50 32 –53 35 20	1 52 23.61 –53 20 33.9	16.97	.20	–.65	1.56 +	C IV 1549 C III 1909		2176	2176				pos from HEAO cat;H0147–537 in 2177
0150–393 O	MD2:126	1 50 40.60 –39 21 43.0	1 52 48.80 –39 6 57.5	19.6			2.29	H I 1216 C IV 1549		1948	1948				1948phot mag
0150–407 O	MD2:127	1 50 44.66 –40 46 6.0	1 52 51.54 –40 31 20.6	19.8			1.90	H I 1216		1948	1948				1948phot mag
0150–517 O		1 50 45.8 –51 47 6	1 52 39.99 –51 32 20.4	19			2.84			477	477				
0150–102 X	E PHL 1220	1 50 56.0 –10 15 8	1 53 24.15 –10 0 23.5	18.1	.40		0.361	H I 4861 O III 5007		1417	1417				1417x,1910sp
0150–334 R	PKS	1 50 57.8 –33 24 57	1 53 10.95 –33 10 12.2	18.6 *			0.61	C II 2326 Mg II 2798 Ne V 2974 Ne V 3426 O II 3727 H I 4340		025	410	736 2054	384 1966		761,1304sp, 865pos, 1320rpol, 1526vlbi

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0151-405 O	MD2:128	1 51 0.28 -40 31 50.7	1 53 7.33 -40 17 5.8	19.1			2.56	H I 1216 Si IV 1397 O IV 1402		1948	1948				1948phot mag
0151-410 O	MD2:129	1 51 3.50 -41 3 38.9	1 53 10.03 -40 48 54.1	19.9			2.17	H I 1216 C IV 1549		1948	1948				1948phot mag
0151-404 O	MD2:130	1 51 9.15 -40 27 39.8	1 53 16.23 -40 12 55.2	19.2			2.47	H I 1216 C IV 1549		1948	1948				1948phot mag
0151+048 C	PHL 1222 UM 144	1 51 17.43 4 48 15.1	1 53 53.91 5 2 58.6	17.62	.41	-.78	1.923*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 C III 1909	1.9342 1.8266 1.6601 1.6534 1.6189 1.5612 1.467	018	571 018 030 1872 1901			018 030 075 560 1872 2228 2263	029,062ubv, 853rnd,445fc 1902avg Bmag
0151-478 O		1 51 23.5 -47 50 38	1 53 22.66 -47 35 53.8	18.5			(0.48)			477	477				
0151-390 O	MD2:131	1 51 35.13 -39 4 6.3	1 53 43.41 -38 49 22.7	19.8			2.19	H I 1216		1948	1948				1948phot mag
0151-483 O		1 51 36.9 -48 21 19	1 53 35.37 -48 6 35.2	18.6			0.493			477	477 1400				
0151-386 O	MD2:132	1 51 38.05 -38 36 23.3	1 53 46.73 -38 21 39.8	18.3			1.70	C IV 1549 C III 1909		1948	1948				1948phot mag
0151+045		1 51 51.65 4 33 37.7	1 54 28.01 4 48 20.1	21.5			0.404			2273	2273				this QSO and PHL 1222 are a physical pair 3.3 arcsec apart,2273
0151+045 C	PHL 1226 UM 145	1 51 51.65 4 33 37.7	1 54 28.01 4 48 20.1	17.40*	.40	-.72	0.404*	Mg II 2798 Ne V 3345 Ne V 3426 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007	0.1602	018	018 030	752 1068 1902 2174		1751 2128 2263	029,040ubv, 853rnd,1420sp, 1420FeIIem, 445fc,1700, 2145imag 0.90 arcmin from IC 1746, 0.0176zgal, 1650,1751,2145 6.4arcsec from anon gal,0.160 zgal,1751,2262 10.9 arcsec from anon gal, 2118; 1902avg Bmag
0151-407 O	MD2:133	1 51 55.24 -40 46 32.8	1 54 1.85 -40 31 49.8	18.1			1.85	H I 1216 Si IV 1397		1948	1948				1948phot mag
0151-415 O	MD2:134	1 51 58.11 -41 34 22.2	1 54 3.94 -41 19 39.3	19.3			1.54	C IV 1549 C III 1909		1948	1948				1948phot mag
0152-409 O	MD2:135	1 52 13.65 -40 55 12.3	1 54 20.06 -40 40 30.0	19.3			1.65	C IV 1549 C III 1909		1948	1948				1948phot mag
0152-389 O	MD2:136	1 52 21.30 -38 59 44.1	1 54 29.48 -38 45 2.1	19.9			2.11	H I 1216		1948	1948				1948phot mag
0152-377 O	MD2:137	1 52 22.47 -37 42 29.7	1 54 31.80 -37 27 47.7	18.8			1.93	H I 1216		1948	1948				1948phot mag
0152-513 R	PKS	1 52 25.3 -51 22 35	1 54 19.54 -51 7 52.8	18.9			0.44			477	477		1519 1966		
0152-481 O		1 52 29.3 -48 11 2	1 54 27.73 -47 56 20.0	19.3			(2.30)			477	477				
0152-505 O		1 52 45.7 -50 35 40	1 54 40.91 -50 20 58.5	19.2			2.48			477	477				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0153+744 R	S5	1 53 4.35 74 28 5.6	1 57 34.97 74 42 43.1	16.0			2.338+	H I 1216 C IV 1549 C III 1909 Mg II 2798		1443 1552 1811	1540		1667 1793	1540	996,1280,1862, 1931vlbi, 1766rvar, 1855mm, 1811pos, 2103pol, 2174varnd
0153–411 O	MD2:138	1 53 16.98 –41 6 28.2	1 55 22.97 –40 51 48.0	19.9			2.09	H I 1216		1948	1948				1948phot mag
0153–404 O	MD2:139	1 53 23.69 –40 26 47.0	1 55 30.30 –40 12 7.1	19.0			2.10	H I 1216		1948	1948				1948phot mag
0153–398 O	MD2:140	1 53 28.88 –39 49 29.9	1 55 36.06 –39 34 50.2	19.7			2.15	LYB 1026 H I 1216		1948	1948				1948phot mag
0153–562 O		1 53 30.7 –56 12 56	1 55 16.88 –55 58 15.9	18.4			(2.47)			1294	1294				
0153–520 O		1 53 53.6 –52 3 44	1 55 46.37 –51 49 4.9	18.6			0.19			477	477				
0153+045 O	UM 148	1 53 59.7 4 30 58	1 56 36.07 4 45 35.9	18.8			2.993*	H I 1216 Si IV 1397 O IV 1402 C IV 1549	2.8337 2.5321 2.4237 2.4074 2.4007 2.2413	445	480 1874 2281			986 1874 2039 2228 2263	986sp,1092ir
0154–500 O		1 54 11.4 –50 0 9	1 56 6.98 –49 45 30.5	18.75			2.46			477	477				
0154–474 O		1 54 14.1 –47 29 40	1 56 12.89 –47 15 1.7	18.9			(1.85)			477	477				
0154–478 O		1 54 14.7 –47 49 18	1 56 13.08 –47 34 39.7	18.55			2.03			477	477				
0154–521 O		1 54 17.1 –52 11 55	1 56 9.54 –51 57 16.7	18			(0.40)			477	477				
0154+316 R	4C 31.06 B2	1 54 21.48 31 39 42.2	1 57 15.28 31 54 18.9	18.9			0.373	Mg II 2798 O II 3727 NeIII 3869 H I 4861 O III 4959 O III 5007		498	443		774		1194imag faint gal nearby,1344; 5.33 arcmin from V ZWG 150 5.67 arcmin from V ZWG 147 4 arcsec from anon gal,0.372 zgal,2118
0154–415 O	MD2:141	1 54 25.26 –41 33 27.6	1 56 30.55 –41 18 49.8	18.8			1.92	H I 1216 C IV 1549		1948	1948				1948phot mag
0154–020 O	UM 381 PB 6513	1 54 37 –2 2 6	1 57 9.68 –1 47 29.3	17.3			0.91	C III 1909 Mg II 2798		465	480				
0154–512 C		1 54 41 –51 14 48	1 56 34.70 –51 0 10.5	17.3			1.66 +	C IV 1549 C III 1909 Mg II 2798		432	432 477 1400			432	477fc
0154–400 O	MD2:142	1 54 43.37 –40 1 42.3	1 56 50.09 –39 47 5.2	20.4			1.98	H I 1216		1948	1948				1948phot mag
0154–407 R	PKS	1 54 55.53 –40 43 42.1	1 57 1.53 –40 29 5.4	19.0			1.97	H I 1216 N V 1240 O IV 1402 C IV 1549		421	767		387 767 1966		
0154–377 O	MD2:143	1 54 58.49 –37 44 6.9	1 57 7.29 –37 29 30.4	19.7			2.21	H I 1216 C IV 1549		1948	1948				1948phot mag
0155–396 O	MD2:144	1 55 7.65 –39 40 18.4	1 57 14.63 –39 25 42.2	20.1			2.06	H I 1216		1948	1948				1948phot mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0155-109	PKS	1 55 14.06	1 57 41.59	17.09	.23	-.41	0.616	Mg II 2798		077	018		128		056ubv,958,
R	MSH 01-120	-10 58 16.6	-10 43 41.1					O II 3727					1966		1188sp,
	OC 192							H I 4340							958FeIIem
								O III 4363							
								H I 4861							
0155-413	MD2:145	1 55 14.17	1 57 19.50	19.8			1.39	C IV 1549		1948	1948				1948phot mag
O		-41 20 2.0	-41 5 25.9												
0155-418	MD2:146	1 55 31.85	1 57 36.60	19.4			1.82	H I 1216		1948	1948				1948phot mag
O		-41 50 56.9	-41 36 21.5												
0155-489		1 55 35.8	1 57 32.39	18.8			(1.66)			477	477				
O		-48 55 32	-48 40 56.5												
0155-428	MD2:147	1 55 37.85	1 57 41.56	19.9			1.57	C IV 1549		1948	1948				1948phot mag
O		-42 49 29.1	-42 34 53.9												
0155-502		1 55 39.8	1 57 34.56	19.7			(2.41)			477	477				
O		-50 16 31	-50 1 55.6												
0155-494	PKS	1 55 42.2	1 57 38.00	18.4			1.298	C IV 1549		467	467		467		477fc,1966rnd
C		-49 29 54	-49 15 18.7					C III 1909			477		477		
R								Mg II 2798			1400				
0155-375	MD2:148	1 55 43.10	1 57 51.92	19.1			2.11	H I 1216		1948	1948				1948phot mag
O		-37 32 48.0	-37 18 13.1					C IV 1549							
0155-404	MD2:149	1 55 47.36	1 57 53.42	19.8			2.30	H I 1216		1948	1948				1948phot mag
O		-40 28 30.8	-40 13 55.9					C IV 1549							
0155-501		1 55 52.5	1 57 47.38	18.8			1.978	Si IV 1397		467	467				477fc
C		-50 8 35	-49 54 0.1					O IV 1402			477				
								C IV 1549			1400				
								C III 1909							
0156+035	UM 153	1 56 2.9	1 58 38.76	16.9			(0.66)	Mg II 2798		445	480				853rnd
O	PB 6540	3 33 11	3 47 44.5												
0156-422	MD2:150	1 56 13.27	1 58 17.47	20.2			1.60	C IV 1549		1948	1948				1948phot mag
O		-42 13 55.0	-41 59 21.0					C III 1909							
0156-409	MD2:151	1 56 19.50	1 58 25.00	19.2			2.96	H I 1216		1948	1948				1948phot mag
O		-40 55 33.0	-40 40 59.3												
0156-406	MD2:152	1 56 22.32	1 58 28.08	19.7			2.06	H I 1216		1948	1948				1948phot mag
O		-40 39 2.9	-40 24 29.3												
0156-414	MD2:153	1 56 25.36	1 58 30.29	17.2			1.48	C IV 1549		1948	1948				1948phot mag
O		-41 27 59.8	-41 13 26.3					C III 1909							
0156-372	MD2:154	1 56 26.24	1 58 35.16	19.3			2.21	H I 1216		1948	1948				1948phot mag
O		-37 16 44.4	-37 2 11.0												
0156-410	MD2:155	1 56 34.27	1 58 39.60	19.9			1.54	C IV 1549		1948	1948				1948phot mag
O		-41 2 36.1	-40 48 2.9					C III 1909							
0156+008	UM 384	1 56 35	1 59 9.32	17.56			0.216			465	2030				2030FeIIem
O		0 50 42	1 5 14.4												
0156+187	NGC 772	1 56 36	1 59 21.01	19.43	.22	.15	2.61				425				689ubv
C	UB 2	18 46 0	19 0 32.1												5.87 arcmin
															from NGC 772;
															NGC 770 near,
															2118
0156-380	MD2:156	1 56 41.67	1 58 49.88	19.0			2.25	H I 1216		1948	1948				1948phot mag
O		-38 0 35.0	-37 46 2.1					C IV 1549							
0156-423	MD2:157	1 56 45.01	1 58 48.92	19.7			2.35	H I 1216		1948	1948				1948phot mag
O		-42 23 21.4	-42 8 48.6					C IV 1549							
0156-429	MD2:158	1 56 48.86	1 58 52.21	19.1			1.99	H I 1216		1948	1948				1948phot mag
O		-42 54 41.6	-42 40 8.9					C IV 1549							
0156-482		1 56 48.9	1 58 46.02	18.5			1.65			477	477				
O		-48 14 55	-48 0 22.2												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0157–379 O	MD2:159	1 57 5.36 –37 56 52.7	1 59 13.55 –37 42 20.7	19.8			2.42	LYB 1026 H I 1216		1948	1948				1948phot mag
0157–477 R	PKS	1 57 6 –47 45 36	1 59 3.66 –47 31 3.8	19.5			(1.04)			477	477		1519 1966		
0157–383 O	MD2:160	1 57 13.49 –38 22 57.3	1 59 21.25 –38 8 25.6	20.2			1.92	H I 1216		1948	1948				1948phot mag
0157–394 O	MD2:161	1 57 14.07 –39 26 54.4	1 59 20.82 –39 12 22.7	19.9			1.98	H I 1216		1948	1948				1948phot mag
0157+001 C X	MKN 1014 PG UM 385	1 57 15.8 0 9 10	1 59 49.72 0 23 41.0	15.69	.46	–.77	0.163	O III 4959 O III 5007		1275	1346 1117		2011		1345ubv,1487, 1980,2112x, 1617,1729, 2005,2018, 2029ir,1589, 1922,2047sp, 1748fc, 1912COem 1630,1700imag/ ext; IRAS source,1744, 1748; rnd at 11 cm,1757; faint gal near 1344,2118; 19.0 arcmin from NGC 768, 1650,2118;
0157–383 O	MD2:162	1 57 17.53 –38 21 6.8	1 59 25.30 –38 6 35.2	18.7			1.49	C IV 1549 C III 1909		1948	1948				1948phot mag 2.03 arcmin from 015713.49 –382257.3,1948
0157–409	B19.09	1 57 24.5 –40 57 33	1 59 29.73 –40 43 1.6	18.2			2.02			2277	2277				
0157+011 R	4C 01.05 MSH 01+014 OC 096 PKS PB 6562	1 57 29.38 1 10 40.7	2 0 3.89 1 25 11.2	18.5			1.17	C IV 1549 C III 1909 Mg II 2798		078	009		789 1111		440fc
0157–506 O		1 57 30.7 –50 39 41	1 59 24.35 –50 25 9.6	19.7			2.25			477	477				
0157–374 O	MD2:163	1 57 36.93 –37 29 7.3	1 59 45.44 –37 14 36.4	19.3			2.89	LYB 1026 H I 1216		1948	1948				1948phot mag
0157–423 O	MD2:164	1 57 42.58 –42 23 35.6	1 59 46.27 –42 9 4.8	20.3			2.03	H I 1216		1948	1948				1948phot mag
0157–418 R	PKS MC	1 57 46.06 –41 50 32.0	1 59 50.31 –41 36 1.4	18.5			1.150	C IV 1549 C III 1909 Mg II 2798 Ne V 3426 O II 3727 NeIII 3869		1302	1861		387		
0157–391 O	MD2:165	1 57 50.69 –39 11 8.0	1 59 57.56 –38 56 37.6	18.5			2.47	H I 1216		1948	1948				1948phot mag
0158–490 C		1 58 0.6 –49 2 44	1 59 56.33 –48 48 13.7	17.85			0.306	Si IV 1397 O IV 1402 Mg II 2798 NeIII 3869 H I 4340 H I 4861 O III 4959 O III 5007 H I 6563		235 467	467 477 1400				761,1304sp, 477fc
0158–403 O	MD2:166	1 58 4.31 –40 18 10.8	2 0 10.05 –40 3 40.9	19.9			2.24	H I 1216 C IV 1549		1948	1948				1948phot mag
0158+031 R	PKS	1 58 4.9 3 8 25	2 0 40.56 3 22 54.2	21.1			(0.765)	Mg II 2798		1418	1418				026fc

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0158–519 R	PKS	1 58 7.2 –51 58 2	1 59 58.75 –51 43 31.9	18.6			2.39			477	477		477		1966rnd
0158–508 O		1 58 7.9 –50 51 50	2 0 1.07 –50 37 19.9	20			2.09			477	477				
0158–503 O		1 58 13.2 –50 19 57	2 0 7.10 –50 5 27.1	19.55			1.93			477	477				
0158–387 O	MD2:167	1 58 18.67 –38 43 10.5	2 0 25.89 –38 28 41.1	19.6			1.72	H I 1216 C IV 1549		1948	1948				1948phot mag
0158–472 O		1 58 36.80 –47 17 47.0	2 0 34.63 –47 3 18.1	19.35			(0.490)			477	477				
0158+183 R	4C 18.07 PKS	1 58 55.4 18 21 40	2 1 40.35 18 36 7.1	18.22			0.799	C III 1909 C II 2326 Mg II 2798		124	436		789		
0159+036 O	UM 154 PB 6589	1 59 23.8 3 36 16	2 1 59.75 3 50 42.3	18.2			2.432	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		445	1803 480				853rnd,901pol
0159–117 R	3C 57 PKS MSH 01–121 NRAO 88 OC 199	1 59 30.4 –11 47 0	2 1 57.23 –11 32 33.7	16.66*	.10	–.80	0.669	C III 1909 Mg II 2798 O II 3727 H I 4340 H I 4861		079	051 005 1731	006 007 080 212 249 252 290 756 875 1068 1902	128 1111 1888 1966		003,007, 1485ubv,004, 1202pol,958, 1188,1467, 2229sp,780ir, 1526vlbi, 958FeIIem,057, 295fc 39 arcmin from IC 1767,2118; 1902avg Bmag
0159–495 O		1 59 39.4 –49 30 43	2 1 34.02 –49 16 16.3	19.6			1.56			477	477				
0159–200 R	MC	1 59 52.28 –20 2 44.8	2 2 13.84 –19 48 19.2	18.9			0.493	Mg II 2798 H I 4861 O III 5007		673	673		1966		1704fc
0200–518 O		2 0 5 –51 50 7	2 1 56.12 –51 35 41.1	19.3			(0.83)			477	477				
0200–089 X	1E	2 0 54 –8 58 0	2 3 22.48 –8 43 36.8	16.52			0.77			1696	1696				0.95 arcmin from anon gal, 0.015zgal, 17.4vgal,1696, 2118
0201–489 O		2 1 5.5 –48 57 53	2 3 0.45 –48 43 29.5	18.7			1.02			477	477				
0201–500 O		2 1 7.1 –50 0 22	2 3 0.59 –49 45 58.5	19.2			1.93			477	477				
0201–029 X	1H	2 1 10 –2 58 11	2 3 42.07 –2 43 48.5	16.88	.17	–.71	0.501+			2176	2176				pos from HEAO cat
0201–504 O		2 1 52.3 –50 26 48	2 3 44.93 –50 12 26.1	18.05			(3.07)			477	477				
0201–474 O		2 1 53.2 –47 25 25	2 3 49.98 –47 11 3.3	19.3			(2.25)			477	477				
0201+365 R	UT	2 1 56.2 36 34 58	2 4 55.50 36 49 18.0	17.5			2.912*	H I 1216 Si IV 1397 O IV 1402 C IV 1549	2.8057 2.6909 2.5545 2.4600 2.4241 2.3260 1.3012 1.2956	1437	1874 1437			1874 2228 2263	damped Ly alpha,z=2.46 1874,2243

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0202−765 R	PKS MSH 01−71	2 2 0.19 −76 34 28.8	2 2 13.08 −76 20 5.3	16.77*	.06	−.77	0.389	Mg II 2798 O II 3727 H I 4340 H I 4861 O III 4959 O III 5007		495	493	745 2054	023 1966		333,736ubv, 886ir,761, 1083,1304sp, 1222elp,333fc, 1526vlbi, 1898pos, 2145imag
0202+319 R	DW B2 PKS GC	2 2 9.66 31 58 10.8	2 5 4.93 32 12 30.4	18.23			1.466	Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798		081	073 443 748		128 1297 1544		1201pol, 750pos,1181sp, 1805mmvar, 1789mm, 1526vlbi, 1617ir
0202−460	C22.30	2 2 9.9 −46 2 5	2 4 8.35 −45 47 43.9	18.3			1.88			2277	2277				
0202−499 O		2 2 23.2 −49 54 47	2 4 16.45 −49 40 26.3	20			2.36			477	477				
0202−512 C		2 2 27.3 −51 12 24	2 4 18.63 −50 58 3.4	17.95			1.685	C IV 1549 C III 1909		467	467 477 1400				477fc
0202−172 R	PKS	2 2 34.55 −17 15 39.3	2 4 57.72 −17 1 19.7	16.99			1.74			055	134 1305	253 290	775 1162 1395 1399 1966 1976		1399,1617ir, 057fc, 1483rvar, 1526vlbi 1902avg ph mag
0202−462	C22.31	2 2 37.4 −46 13 31	2 4 35.50 −45 59 10.9	19.1			3.24			2277	2277				
0202−477 O		2 2 39.4 −47 46 12	2 4 35.51 −47 31 52.0	18.5			2.19			477	477				
0203−498 O		2 3 0.5 −49 49 28	2 4 53.69 −49 35 8.7	17.95			2.54			477	477				
0203−520 R	PKS	2 3 0.9 −52 1 17	2 4 50.80 −51 46 57.7	17.55			1.42			477	477 1400		477		1966rnd
0203+151 O		2 3 7.3 15 9 7	2 5 50.49 15 23 24.8	20.3			2.00	H I 1216 C IV 1549		1439	1439				
0203+152 O		2 3 8.4 15 17 4	2 5 51.67 15 31 21.7	19.7			2.38	H I 1216 C IV 1549		1439	1439				
0203−497 O		2 3 12.1 −49 44 6	2 5 5.36 −49 29 47.1	17.7			1.42			477	477 1400				761sp
0203−396	B19.14	2 3 35.6 −39 41 42	2 5 40.79 −39 27 24.3	18.0			2.60			2277	2277				
0203+150 O		2 3 38.4 15 1 5	2 6 21.54 15 15 21.6	19.9			2.10	H I 1216 C IV 1549		1439	1439				
0204−504 O		2 4 20.8 −50 29 42	2 6 12.62 −50 15 25.7	18.8			2.08			477	477				
0204−515 O		2 4 33 −51 33 48	2 6 23.13 −51 19 32.1	19.35			(0.99)			477	477				
0204−520 O		2 4 55.3 −52 0 53	2 6 44.60 −51 46 38.0	18.5			1.48			477	477				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0205+024	NAB	2 5 14.53	2 7 49.88	15.39	.35	-.85	0.155	Mg II 2798		016	016		850		746,1451ubv,
C	MKN 586	2 28 42.7	2 42 55.9					H I 4102			480		921		705,1202pol,
X	PB 6679							H I 4340					1165		1382mm,780,
R								H I 4861							799,921,992,
															1319,1617ir,
															1183,1359,
															1842x,956,
															1420sp,749pos,
															819ext,853rnd,
															921phot,465,
															499,746fc,
															1420,
															2100FeIIem,
															2061uv,
															2174varnd
															1630,1700imag/
															ext; rnd at
															11cm,1757;
															2.4 arcmin
															from UGC 1621,
															1650,2118;
0205-379		2 5 19.4	2 7 25.99	17.4			2.42 *	H I 1216		441	441		846		912,1488x,
O		-37 56 7	-37 41 53.3					N V 1240			478		904		2020sp
X								Si IV 1397			2199				abs meas but
R								O IV 1402							no sys
								C IV 1549							identified,
															1747;
0205-486		2 5 21.3	2 7 15.52	19.85			2.22			477	477				
O		-48 37 1	-48 22 47.1												
0205-490		2 5 43.3	2 7 36.81	18.8			1.42			477	477				
O		-49 2 56	-48 48 42.9												
0205+150		2 5 44.8	2 8 28.07	20.5			2.40	H I 1216		1439	1439				
O		15 0 41	15 14 52.8					C IV 1549							
0205-488		2 5 53.7	2 7 47.49	19.15			2.01			477	477				
O		-48 49 8	-48 34 55.3												
0206-395	B19.16	2 6 1.1	2 8 5.98	18.2			2.2			2277	2277				
		-39 30 35	-39 16 22.8												
0206-518		2 6 8.7	2 7 57.83	19			2.31			477	477				
O		-51 52 38	-51 38 25.8												
0206+001	UM 400	2 6 11	2 8 44.92	18.1			1.896	C IV 1549		465	480				
O	PB 6690	0 8 42	0 22 53.0					C III 1909			2251				
0206+293	B2	2 6 14.97	2 9 8.66	19			2.195	H I 1216		078	009		1520		
R		29 18 34.7	29 32 45.1					C IV 1549					1818		
0206-491		2 6 34.1	2 8 27.29	19.05			(0.34)			477	477				
O		-49 6 22	-48 52 10.8												
0207-493		2 7 13.9	2 9 6.56	19.8			2.20			477	477				
O		-49 20 47	-49 6 37.3												
0207-003	UM 402	2 7 17	2 9 50.64	17.7			2.853*	O VI 1034	2.8871	465	1874			911	911,986sp,
O	MCS 402	-0 19 6	-0 4 57.5					H I 1216	2.5915		480			1872	1092ir,901pol
	PB 6709B							Si IV 1397	2.5744		1872			1873	Ly limit abs,
								O IV 1402	2.5231		2281			1874	z=2.531,1874,
								C IV 1549	1.1466					1994	1994
									1.0441					2206	
														2228	
														2263	
0207+006	UM 403	2 7 19	2 9 53.26	18 *			2.19	H I 1216		465	480	752			
O		0 41 24	0 55 32.4					C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0207-398 O X		2 7 24.3 -39 53 50	2 9 28.50 -39 39 41.0	17.15	.20	-.10	2.813*	O VI 1034 H I 1216 N V 1240 Si II 1263 O I 1304 C II 1335 Si IV 1397 C IV 1549 C III 1909	2.4787	330	1138 331 478 535			535 954 2020 2228 2263	846rnd,912, 1488,1980x, 331,911,954, 2020sp, 1485ubv Ly alpha abs, 1870
0207-519 O		2 7 41.3 -51 56 29	2 9 29.85 -51 42 20.3	19.55			2.16			477	477				
0208+017 O	UM 405	2 8 20.4 1 44 44	2 10 55.32 1 58 50.0	19.4 *			0.22	Mg II 2798		465	1025	752			1042pos
0208-018 O	UM 407 PB 6721	2 8 37 -1 48 48	2 11 9.70 -1 34 42.6	18.4			0.56	Mg II 2798		465	1025				1042pos 4.75 arcmin from NGC 850, 2118
0208-516 O		2 8 49.9 -51 41 19	2 10 38.50 -51 27 13.0	19.45			(1.89)			477	477				
0208-512 R	PKS	2 8 56.94 -51 15 7.7	2 10 46.20 -51 1 2.0	16.93	.56	-.72	1.003	C III 1909 Mg II 2798		031	024 477 1400		1503 1966		761,1304sp, 1485ubv,477fc, 1526vlbi,1800, 2103pol,1897, 1898pos
0209-521 O		2 9 22.9 -52 8 43	2 11 10.58 -51 54 38.3	19.5			(1.04)			477	477				
0209-502 O		2 9 33.2 -50 14 39	2 11 23.85 -50 0 34.7	18.4			(0.86)			477	477				
0209-523 O		2 9 39.6 -52 21 1	2 11 26.85 -52 6 56.9	19.35			1.64			477	477				
0209-204 R	MC	2 9 42.6 -20 28 14.1	2 12 2.96 -20 14 10.9	18.8			1.823+	Mg II 2798 H I 4861 O III 5007		673	673		1818	673	1526vlbi, 1704fc, 1966rnd
0209-487 O		2 9 56.6 -48 42 4	2 11 49.42 -48 28 0.7	19.15			2.24			477	477				
0209-418 O		2 9 57 -41 50 41	2 11 58.54 -41 36 37.9	19			1.97	H I 1216 N V 1240 C IV 1549		478	478				846rnd
0209-491 O		2 9 59.7 -49 6 27	2 11 51.92 -48 52 23.8	18.6			(0.78)			477	477				
0210-477 O		2 10 2 -47 42 16	2 11 56.20 -47 28 12.9	20			(2.43)			477	477				
0210+860 R X	3CR61.1 BSO RN 8 BS	2 10 49 86 5 10	2 22 48.21 86 18 58.6	19			0.184	H I 4340 H I 4861 O III 4959 O III 5007 H I 6563		082	082 334		917 937 1891		696,912x, 1280vlbi, 301fc,334sp 12 arcsec from anon gal,0.180 zgal, 1.42 arcmin from anon gal,0.188 zgal, 1.42 arcmin from anon gal,0.113 zgal,2118
0210-524 O		2 10 51.3 -52 29 21	2 12 37.94 -52 15 19.7	19.15			(2.33)			477	477				
0211+318		2 11 6.1 31 51 52.0	2 14 2.66 32 5 50.9	21			1.31	Ne IV 2424 Mg II 2798			1205				
0211-519 O		2 11 25.9 -51 56 18	2 13 13.28 -51 42 18.1	19.1			2.37			477	477				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0211–520 O		2 11 26.4 –52 1 10	2 13 13.64 –51 47 10.1	18.1			0.10			477	477				
0211+171 R	MC 3	2 11 59.74 17 8 51.8	2 14 44.91 17 22 48.8	18			0.472	H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		1111	019		1111 1161		
0212–489 O		2 12 15.6 –48 58 18	2 14 7.38 –48 44 20.2	18.9			2.13			477	477				
0212–493 O		2 12 25.4 –49 21 58	2 14 16.55 –49 8 0.6	19.15			2.42			477	477				
0212+735 R X	S5	2 12 49.97 73 35 40.5	2 17 30.85 73 49 33.0	19			2.367	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798		865	1540		933 1441 1555 1667 1793 2070 2144 2162		933x,933, 2103pol,996, 1280,1526, 1862vlbi,1789, 1855mm, 2144rvar superluminal source
0212–477 O		2 12 58.5 –47 45 54	2 14 51.83 –47 31 58.0	19.15			2.30			477	477				
0213–386	B20.10	2 13 5.5 –38 37 55	2 15 9.89 –38 23 59.5	18.1			1.63			2277	2277				
0213–498 O		2 13 30.4 –49 49 28	2 15 20.54 –49 35 33.2	19.5			(2.48)			477	477				
0213+013 O	UM 415 PB 6793	2 13 31 1 23 48	2 16 5.74 1 37 41.7	17			1.443	C IV 1549		465	480 2251				
0213–492 O		2 13 34.6 –49 16 41	2 15 25.56 –49 2 46.4	18.85			(0.40)			477	477				
0213–478 O		2 13 42.8 –47 51 12	2 15 35.81 –47 37 17.7	18.2			2.15			477	477				
0213–484 C		2 13 52.6 –48 26 55	2 15 44.70 –48 13 1.1	17.5	.50	–.80	0.168	Ne V 3426 H I 4340 H I 4861 O III 4959 O III 5007 H I 6563		235 467	467 477 1400				235ubv,761, 1304sp,477fc, 1630imag
0214–393	B20.11	2 14 19.5 –39 21 35	2 16 22.87 –39 7 42.5	18.0			2.75			2277	2277				
0214+108 R	PKS 4C 10.06 OD 124	2 14 26.69 10 50 18.7	2 17 7.67 11 4 9.9	17	*		0.408	H I 4340 H I 4861 O III 4959 O III 5007		083	083	1201	775		705,1202pol, 749pos, 1320rpol, 1194imag, 1159vlbi, 1222elp,087fc
0214–477 O		2 14 30.4 –47 45 17	2 16 23.34 –47 31 24.7	18.15			1.44			477	477				
0214–033 X		2 14 57.3 –3 21 52	2 17 28.94 –3 8 1.8	16.8	–.10		0.323			1314	1314				1207,1261imag 1314strong FeII
0215–471 O		2 15 11.8 –47 6 50	2 17 5.46 –46 52 59.4	19.9			3.00			477	477				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0215+015	PKS	2 15 14.12	2 17 48.95	18.33*			1.715*	H I 1216	1.6855	026	1524	649	789	768	676,977,1087,
BL Lac R	OD 026	1 31 0.5	1 44 50.0					C IV 1549	1.6492			676	1367	977	1541,1626pol,
X									1.6441			1802	1557	1036	1327,1348uv,
									1.5475			2174	1976	1054	1036,1108absr,
									1.4909					1327	781,1144ir,
									1.3438					1511	436,977,1665,
									1.2547					1524	1752sp,649fc,
														1624	1088,1441,
														1969	2112x
														2228	IRAS source,
														2263	1806
0215–489		2 15 16.6	2 17 7.52	19.4			0.35			477	477				
O		–48 59 4	–48 45 13.5												
0215–167	MC	2 15 34.74	2 17 57.28	19.5			0.516	Mg II 2798		466	466		1518		
R		–16 44 59.3	–16 31 10.3					He I 3188					1966		
								Ne V 3426							
								O II 3727							
								NeIII 3869							
								H I 3889							
								O III 4363							
								He I 4471							
								H I 4861							
								O III 4959							
								O III 5007							
0215–504		2 15 36.9	2 17 25.39	19.25			(2.62)			477	477				
O		–50 29 22	–50 15 32.3												
0215–484		2 15 43.3	2 17 34.89	19.1			2.22			477	477				
O		–48 27 37	–48 13 47.6												
0215+315	5C6.189	2 15 45.21	2 18 42.23	19			0.597	Ne V 3345		797	1205				
R		31 35 39.2	31 49 26.8					Ne V 3426							
								O II 3727							
								NeIII 3869							
								H I 3889							
								He 3970							
								H I 4102							
								H I 4340							
								H I 4861							
0215+165		2 15 55.33	2 18 40.36	18			1.90	H I 1216		476	476				
R		16 32 23.8	16 46 11.3					Si IV 1397							
								O IV 1402							
								C IV 1549							
0215–525		2 15 57.4	2 17 42.27	19.2			(2.39)			477	477				
O		–52 34 49	–52 21 0.0												
0216–496		2 16 9.2	2 17 58.92	19.25			2.00			477	477				
O		–49 36 37	–49 22 48.6												
0216+080		2 16 18.11	2 18 57.29	18.1			2.996*	O VI 1034	2.7204	1440	1440			1872	prob damped Ly
O		8 3 40.6	8 17 27.3					H I 1216	2.3361		1872			1874	alpha,z=2.29,
								Si IV 1397	2.2931		1874			2228	1874
								O IV 1402	2.2831		2281			2263	
								C IV 1549	1.7690						
									1.5103						
0216–482		2 16 21.1	2 18 12.81	19.3			2.21			477	477				
O		–48 15 48	–48 2 0.2												
0216–488		2 16 38.1	2 18 28.90	18.25			(1.60)			477	477				
O		–48 49 18	–48 35 30.8												
0217+417	W1	2 17 6.45	2 20 14.24	19.09	.47	–.51	(1.43)			530	689				689ubv
		41 43 53.9	41 57 37.9												
0217–520		2 17 35.9	2 19 21.26	19.2			(0.49)			477	477				
O		–52 0 40	–51 46 55.1												
0219+443	B3	2 19 6.20	2 22 17.67	17.3			0.850	Mg II 2798		1990	2078				
R		44 18 17.8	44 31 56.7					H I 4340							
								H I 4861							
								O III 4959							
								O III 5007							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0219+428	3C 66A	2 19 29.99	2 22 39.62	15.58*	.33	–.58	(0.444)	Mg II 2798		650	553	734	907		323,528,648,
BL Lac R		42 48 30.4	43 2 8.3									875	925		650ubv,323,
X												970	1084		642,1087,1541,
												1068	1127		1626,1730,
												1657	1160		1988,2062,
												1733	1367		2167pol,1053,
												1791	1557		1348uv,1164,
												1834	1888		1254mf,
												1895			1336rvar,
												1902			1144ir,1013,
												1932			1389phot,778,
												2073			1052,1057,
												2174			2107,2112x,
												2271			749pos,1053,
															1733,1767xvar,
															009sp
															2.43 arcmin
															from UGC 1832,
															3.7 arcmin
															from UGC 1837,
															6.5 arcmin
															from UGC 1841
															(3C 66B),41.7
															arcmin from
															NGC 891,1650,
															2118;IRAS
															source,1806;
															1902avg Bmag
0219–164	PKS	2 19 38.30	2 22 0.75	19.0 *						412		1206	1966		412rvar,1206,
BL Lac R		–16 28 55.4	–16 15 16.5												1988,2062pol,
															1206fc,2112x
0220–091	1E	2 20 0	2 22 27.61				0.16	H I 4102			707				
X		–9 10 0	–8 56 22.2					H I 4340							
								H I 4861							
								O III 4959							
								O III 5007							
0220–142	UT	2 20 14.8	2 22 38.85	18.5			2.43	H I 1216		1437	1437				
R		–14 12 41	–13 59 3.7					Si IV 1397							
								O IV 1402							
								C IV 1549							
0221–163	PKS	2 21 11	2 23 33.42	19.6			(0.7)	Mg II 2798			1304				761sp
R		–16 22 24	–16 8 49.0												
0221+067	PKS	2 21 49.96	2 24 28.43	19.0			0.511+	Mg II 2798		078	1861		1861	1861	
R		6 45 50	6 59 22.8					O II 3727							
								H I 4861							
								O III 4959							
								O III 5007							
0222–415		2 22 4.9	2 24 4.22	17.7			2.00	C IV 1549		478	478				846rnd
O		–41 31 29	–41 17 55.7					C III 1909							
0222+000	PKS	2 22 34.2	2 25 8.08	19			0.523	Mg II 2798		026	024		351		436,761,
R		0 3 38	0 17 9.1					Ar IV 2854					1527		1304sp
								Ne V 3426					1888		
								O II 3727							
0222–008	PKS	2 22 34.63	2 25 7.91	18.4			0.687	Mg II 2798		078	410		789		436,761,
R	4C 00.12	–0 49 3.4	–0 35 32.3					Ne V 2974					1111		1304sp,
								O II 3727					1527		1320rpol
								NeIII 3869					1888		
								NeIII 3968							
								O III 5007							
0223+113	MC 2	2 23 0.10	2 25 41.84	18			0.924	Mg II 2798			415		1111		1111pos
R		11 20 55.0	11 34 24.7					Ne V 2974			027				
								O III 3133							
								Ne V 3426							
								O II 3727							
								NeIII 3869							
								H I 4340							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0223+175 R	MC 3	2 23 26.23 17 30 22.1	2 26 12.52 17 43 50.6	18			0.655	NeIII 3869 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007			019		1111		1111fc
0223+012 R	PKS	2 23 35.04 1 16 0.6	2 26 9.75 1 29 29.0				1.369	C IV 1549 C III 1909 Mg II 2798		026	1997				
0224–206 R	MC	2 24 24.06 –20 39 5.0	2 26 42.97 –20 25 38.2	18.7			0.788	C III 1909 Mg II 2798		1704	1848 1704				
0224–419 O		2 24 43.8 –41 57 43	2 26 42.03 –41 44 16.5	18.4			2.13 +	C IV 1549 C III 1909		478	478			478	846rnd
0225–449	C24.01	2 25 5.2 –44 57 19	2 26 59.43 –44 43 53.4	19.2			(1.70)			2277	2277				2277BAL
0225–015 C	NGC 936 UB 1	2 25 15.0 –1 33 0	2 27 47.76 –1 19 35.8	19.6			1.13			948	948				
0225–014 R	PKS 4C 01.11 OD 043	2 25 35.03 –1 29 3.9	2 28 7.83 –1 15 40.6	18.15			2.042*	H I 1216 Si IV 1397 C IV 1549 He II 1640 C III 1909 C II 2326	1.9976	083	436 2049 2281		775 789 1527 1818 1877 1891	2049 2263	026fc,1818pos, 2266imag 1795rpol jet 10 arcmin from NGC 936, 8.98 arcmin from NGC 941,2118
0226–038 C X R	PHL 1305 PKS 4C 03.07 OD 044	2 26 22.12 –3 50 59.5	2 28 53.26 –3 37 38.2	16.96	.07	–.82	2.066*	H I 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 C IV 1549 He II 1640	2.0435 1.3558 1.3277	001	002 005 084 569 1872 2281		128 789 1877	327 1000 1747 1872 2228 2263	001,003ubv, 705,1202pol, 912x,1000, 1032,1181, 2251sp, 1513elp,026fc, 1526vlbi, 1898pos, 2174varnd
0226–106 X R	UT	2 26 55.1 –10 41 10	2 29 21.35 –10 27 50.0	18.32			0.62	Ne V 3426 O II 3727 NeIII 3869 H I 4102		1437 1696	1437				1696x 9.72 arcmin from NGC 948, 2118; 0.87 arcmin from anon gal, 0.036zgal,17.5 vgal,1696,2118
0227–403	B20.15	2 27 17.5 –40 23 56	2 29 17.12 –40 10 36.3	19.3			(1.75)			2277	2277				2277BAL
0229+131 R X	PKS 4C 13.14 OD 148 GC	2 29 2.35 13 9 41	2 31 45.72 13 22 54.9	17.03	.25	–.73	2.067*	H I 1216 C IV 1549	1.9584 1.9024 1.8622 1.4698 0.4177 0.3723	055	054 005 1872		128 955 1297 2070	054 1872 1873 2228 2263	059,299ubv, 955x,1201, 2103pol,831, 1181sp, 1513elp, 1617ir, 1526vlbi, 1789mm 1902avg ph mag nearby gal, 0.417zgal,2262
0229+341 R	3CR 68.1 4C 34.08 NRAO 105 DA 78	2 29 27.24 34 10 34.1	2 32 28.88 34 23 46.3	19			1.238	C IV 1549 C III 1909 Mg II 2798 O II 3727		301	302 137		787 917 1476 1804 1891 1998 2013		900,1201pol, 1356x,799, 1031,1172ir

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0231+022	PKS	2 31 14.6	2 33 50.07	18			0.322	Mg II 2798		083	083		351		1630,1911imag,
R	PHL 1352	2 16 18	2 29 26.2					Ne V 3426							026fc
								O II 3727							
								NeIII 3869							
								H I 4861							
								O III 4959							
								O III 5007							
0231-410		2 31 54.5	2 33 52.37	19.9			2.285	H I 1216		431	431				846rnd
O		-41 4 22	-40 51 14.6					N V 1240			478				
								Si IV 1397							
								O IV 1402							
								C IV 1549							
0232-230		2 32 3.73	2 34 19.96	19.93			2.26	C IV 1549		2289	2289				
		-23 3 11.6	-22 50 5.1												
0232-042	PHL 1377	2 32 36.60	2 35 7.35	16.46*	.15	-.89	1.436+	C IV 1549	1.425	001	085	006	128	954	001,003,
C	4C 04.06	-4 15 11.0	-4 2 6.4					C III 1909			005	080	775	2075	1485ubv,004,
R	PKS										054	247	1111	2228	705,1202pol,
	OD 055											248			1305ir,954,
												252			2251sp,
												290			1526vlbi,055,
												1142			086,295fc,
															1898pos,
															1941uv
															1795rpol jet
0233-025	4C 02.12	2 33 0.56	2 35 32.55	19.13			1.322	C IV 1549		026	084		775		087fc
R	PKS	-2 32 34.8	-2 19 31.3					He II 1640			436		789		
	OD 056							C III 1909					1111		
								Mg II 2798					1527		
0233-244		2 33 1.41	2 35 16.32	19.43			1.43	C IV 1549		2289	2289				
		-24 28 31.9	-24 15 27.9												
0233-245		2 33 14.60	2 35 29.46	18.93			1.82	C IV 1549		2289	2289				
		-24 30 0.2	-24 16 56.8												
0234-301	PKS	2 34 22	2 36 31.55	18			2.102+	H I 1216		025	024		384	024	761,1304sp,
R		-30 6 52	-29 53 51.6					N V 1240							1526vlbi,
								O I 1304							1966rnd
								C II 1335							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
0234+013	PC	2 34 22.5	2 36 57.32	20.3			3.301			1698	1698				1698rmag
O		1 20 33	1 33 32.7												
0234-232		2 34 32.44	2 36 48.26	19.33			1.17	C IV 1549		2289	2289				
		-23 15 18.4	-23 2 18.6												
0234+285	4C 28.07	2 34 55.6	2 37 52.42	18.91			1.213	C IV 1549		078	443		955		1112,1526,
R	OD 258	28 35 8	28 48 5.5					C III 1909		222	476		1543		1919vlbi,955x,
X	B2							Mg II 2798			748		1807		1181sp,
	GC										831		2070		1336rvar,
															1617ir,1789mm,
															2103pol
0235-223		2 35 13.82	2 37 30.32	19.63			1.96	C IV 1549		2289	2289				
		-22 23 6.4	-22 10 8.5												
0235-226		2 35 17.47	2 37 33.77	19.93			2.24	C IV 1549		2289	2289				
		-22 36 30.0	-22 23 32.3												
0235-238		2 35 22.11	2 37 37.37	19.53			1.91	C IV 1549		2289	2289				
		-23 48 8.0	-23 35 10.5												
0235-228		2 35 41.21	2 37 57.27	19.33			2.24	C IV 1549		2289	2289				
		-22 50 51.5	-22 37 54.9												
0235-454	C24.09	2 35 47.9	2 37 38.88	17.9			(1.70)			2277	2277				2277BAL
		-45 29 24	-45 16 27.0												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0235+164 BL Lac R X	AO OD 160 GC	2 35 52.6 16 24 5	2 38 38.90 16 37 0.2	15.5 *	.96	.14	0.94 *	Mg II 2798 Ne V 3426 O II 3727 O III 5007	0.852 0.5242	304	1574 1714	339 340 341 755 854 997 1068 1802 1933 2019 2174 2271	795 816 827 837 907 955 1084 1127 1160 1212 1229 1239 1367 1543 1544 1557 1721 1807 1930 2085	338 341 489 577 1714 2228 2244 2263	339,341ubv, 642,703,877, 972,1087,1541, 1626,1730, 1988,2046, 2062,2103pol, 1013,1056, 1389phot,1164, 1357,1971mf, 899,1388, 2041rpol,1043, 1348uv,869, 936,1008,1086, 1119,1173, 1225,1322, 1336,1661, 1853rvar,955, 1057,1307, 2107,2112x, 781,1012,1144, 1580ir, 1037absr, 750pos,019, 338,339,341sp, 339fc, 1753xvar, 1789mm, 1805mmvar, 1959,2095imag IRAS source, 1806; 5.6arcsec from compan gal, 0.524zgal,2178 2262; grav lens?,1899, 1950;2 arcsec from anon gal, 0.524zgal, 2118,2141
0235+023 R	PKS	2 35 57.14 2 20 53.7	2 38 32.71 2 33 49.0	17.70			0.209	Ne V 3345 Ne V 3426 O II 3727 NeIII 3869 O III 4363 H I 4861 O III 4959 O III 5007 H I 6563 S II 6717		1527	1997				1997Bmag
0235–234		2 35 59.69 –23 25 9.5	2 38 15.22 –23 12 13.7	19.13			2.17	C IV 1549		2289	2289				
0236–181 O	UM 676 PHL 4226	2 36 11.5 –18 10 51	2 38 31.44 –17 57 55.9	18.4			1.87	H I 1216 N V 1240 C IV 1549		1025 1871	1025				
0236–228		2 36 20.60 –22 50 0.9	2 38 36.61 –22 37 6.1	19.73			2.40	C IV 1549		2289	2289				
0236–230		2 36 23.75 –23 5 7.9	2 38 39.53 –22 52 13.2	19.03			1.36	C IV 1549		2289	2289				
0236–231		2 36 32.78 –23 10 36.1	2 38 48.47 –22 57 41.9	19.73			1.14	C IV 1549		2289	2289				
0236–242		2 36 38.10 –24 13 53.1	2 38 52.85 –24 0 59.1	19.63			2.22	C IV 1549		2289	2289				
0236–241		2 36 39.51 –24 11 18.9	2 38 54.30 –23 58 24.9	19.53			2.37	C IV 1549		2289	2289				
0236–015 R	PKS	2 36 40.87 –1 31 9.3	2 39 13.58 –1 18 15.9	18.80			1.794	C IV 1549 C III 1909 Mg II 2798		1527	1997				1997Bmag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0236−247		2 36 43.24	2 38 57.48	19.93			2.38	C IV 1549		2289	2289				
		−24 47 26.6	−24 34 32.8												
0236−239		2 36 48.59	2 39 3.56	19.83			2.37	C IV 1549		2289	2289				
		−23 58 17.3	−23 45 23.8												
0237+143		2 37 4.17	2 39 48.90	19			(0.586)	Mg II 2798		476	476				
R		14 20 43.4	14 33 35.3												
0237−227		2 37 7.40	2 39 23.42	18.03			2.57	C IV 1549		2289	2289				
		−22 43 57.7	−22 31 5.1												
0237−027	PKS	2 37 13.71	2 39 45.47	21.0			1.116	Mg II 2798		026	1418		023		1418FeIIem,
R		−2 47 32.5	−2 34 40.6										1527		1526vlbi,955x
X															
0237+040	OD 062	2 37 14.3	2 39 51.16	18.5			0.978	C III 1909		010	443		010		831sp,
R	PKS	4 3 17	4 16 8.7					Mg II 2798							1526vlbi,
X	GC														1241x
0237−236		2 37 14.42	2 39 29.65	19.93			2.36	C IV 1549		2289	2289				near QSO PKS
		−23 37 34.3	−23 24 42.0												0237−233
0237+399	E	2 37 51.0	2 41 0.70	18.3	.10		0.528	H I 4861		1417	1417				1417x,1910sp
X		39 54 32	40 7 21.0					O III 5007							
0237−233	PKS	2 37 52.72	2 40 8.11	16.63*	.15	−.61	2.225*	H I 1216	2.2028	086	088	006	128	034	088ubv,1201,
R	PHL 8462	−23 22 8.5	−23 9 18.0					N V 1240	2.0422		089	212	1169	036	2103pol,780,
X	OD 263							Si II 1263	1.6754		569	290	1544	088	799,886,
								O I 1304	1.6724		2199	2054	1966	089	1983ir,324,
								C II 1335	1.6604		2281		2139	090	761,1000,1304,
								Si IV 1397	1.6576		2281		2162	091	2251sp,865pos,
								O IV 1402	1.6362		2289			092	873,1980x,
								C IV 1549	1.6109					093	1218,1941uv,
								He II 1640	1.5959					562	1526vlbi,088,
								O III 1663	1.3652					677	109,300fc,
								C III 1909						678	1805mm
														1000	Ly alpha abs,
														1263	562
														1394	
														1747	
														1872	
														2228	
														2263	
0237+185		2 37 54.6	2 40 42.83	19			1.297	C IV 1549		476	476				
R		18 35 10.3	18 47 59.8					C III 1909							
0238−315	NGC 1097	2 38 5.4	2 40 13.03	19.5			2.143	H I 1216		1245	1245				101.13 arcmin
O	QSO 2	−31 32 26	−31 19 35.8					C IV 1549							from NGC 1097,
								C III 1909							1245,2118
0238−238		2 38 20.39	2 40 35.30	19.83			1.79	C IV 1549		2289	2289				
		−23 51 51.7	−23 39 2.4												
0238−301	NGC 1097	2 38 22.8	2 40 31.77	19.0			2.265	H I 1216		1245	1245				77.36 arcmin
O	QSO 3	−30 10 33	−29 57 43.7					C IV 1549							from NGC 1097,
								C III 1909							1245,2118
0238−382		2 38 26.5	2 40 26.59	18.7			2.26	C IV 1549		478	478				846rnd
O		−38 17 14	−38 4 24.6					C III 1909							
0238−310	NGC 1097	2 38 39.9	2 40 47.91	19.0			2.034	C IV 1549		1245	1245				80.06 arcmin
O	QSO 6	−31 5 18	−30 52 29.5					C III 1909							from NGC 1097,
															1245,2118
0238+100	MC 5	2 38 40.70	2 41 22.19	18			1.832*	C II 1335	−.0001		415		1778	2049	1818,1891pos,
R		10 5 59.5	10 18 47.0					C IV 1549			2049		1818	2263	2049sp
								He II 1640			2281		1976		
								O III 1663							
								C III 1909							
0239−232		2 39 7.93	2 41 23.33	19.83			1.72	C IV 1549		2289	2289				
		−23 13 36.4	−23 0 49.4												
0239−367	A23.16	2 39 20.9	2 41 22.64	19.2			3.10			2277	2277				
		−36 45 41	−36 32 54.2												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0239–154	UM 677	2 39 35.3	2 41 57.22	18.6			2.786*	H I 1216	2.4688	1025	1025			1874	9.13 arcmin
O		–15 27 20	–15 14 34.5					N V 1240	1.3035		1874			2228	from NGC 1065,
								Si IV 1397	0.9530		2281			2263	2118
								O IV 1402	0.9060						
								C IV 1549	0.8379						
0239–420		2 39 44.1	2 41 39.16	18.6			2.30	H I 1216		478	478				846rnd
O		–42 1 26	–41 48 40.1					N V 1240							
								C IV 1549							
0239–239		2 39 50.46	2 42 5.13	19.13			2.63	C IV 1549		2289	2289				
		–23 57 38.4	–23 44 53.4												
0240+007	PB 6856	2 40 3.9	2 42 38.29	17.0 *	–.50		0.569			1265	1265	1427			1265ubv,
X	PHL 1443	0 43 45	0 56 28.8												1209ext
0240–021	PKS	2 40 15.44	2 42 47.63	19.69			0.617	C II 2326		1527	1997				1997Bmag
R		–2 10 33.3	–1 57 50.0					Mg II 2798							
								O II 3727							
								NeIII 3869							
								O III 4959							
								O III 5007							
0240–021		2 40 36.7	2 43 8.89				1.900	C IV 1549		1429	1429				
O		–2 10 29	–1 57 46.7					C III 1909							
0240–236	A	2 40 37.00	2 42 51.87	19.73			0.68	C IV 1549		2289	2289				
		–23 39 17.2	–23 26 34.4												
0240–060	GC	2 40 43.13	2 43 12.36	19			1.238	C IV 1549		296	1305				
R	PKS	–6 3 37	–5 50 54.9					C III 1909			044				
	OD 068										578				
0240–309	NGC 1097	2 40 49.3	2 42 57.15	18.5			0.374	Mg II 2798		1245	1245				52.24 arcmin
O	QSO 7	–30 57 39	–30 44 56.5												from NGC 1097,
															1245,2118
0240+027		2 40 49.9	2 43 25.79				1.221	C III 1909		1429	1429				
O		2 42 42	2 55 23.6					Mg II 2798							
0240–236	B	2 40 54.03	2 43 8.87	18.93			1.48	C IV 1549		2289	2289				
		–23 39 31.5	–23 26 49.5												
0240+011	NGC 1073	2 40 58.62	2 43 33.33	18.8			0.599	Mg II 2798		542	541		837		873xnd,542sp,
C	BSO 2	1 8 54.8	1 21 36.0					H I 4340		1429					540fc
R	OD 068							O III 4363							1.95 arcmin
								H I 4861							from NGC 1073,
								O III 4959							2118
								O III 5007							
0240+011	NGC 1073	2 40 58.76	2 43 33.48	19.8			1.945	H I 1216		542	541				873xnd,540fc,
C	BSO 1	1 9 39	1 22 20.2					Si IV 1397							542sp
								O IV 1402							1.73 arcmin
								C IV 1549							from NGC 1073,
								C III 1909							2118
0241–228		2 41 2.70	2 43 18.25	19.63			2.02	C IV 1549		2289	2289				
		–22 51 11.9	–22 38 30.3												
0241–302	NGC 1097	2 41 2.7	2 43 11.23	19.5			0.359	C IV 1549		1245	1245				42.71 arcmin
O	QSO 10	–30 15 57	–30 3 15.2												from NGC 1097,
															1245,2118
0241–316	NGC 1097	2 41 2.7	2 43 9.81	19.5			1.588	C IV 1549		1245	1245				80.83 arcmin
O	QSO 9	–31 38 58	–31 26 16.2					C III 1909							from NGC 1097,
															1245,2118
0241+011	NGC 1073	2 41 4.75	2 43 39.45	20			1.411	C III 1909		542	541		1419		873xnd,542sp,
R	RSO	1 8 27.7	1 21 8.6					Mg II 2798		1419			1527		540fc,
	PKS							O III 3133					1976		2053absr
								Ne V 3426							1.4arcmin from
															NGC 1073,2118
0241–232		2 41 44.79	2 43 59.94	18.93			0.17	C IV 1549		2289	2289				
		–23 13 41.7	–23 1 2.1												
0241–232		2 41 46.38	2 44 1.50	18.93			1.10	C IV 1549		2289	2289				
		–23 15 26.2	–23 2 46.7												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0242-243		2 42 0.91 -24 19 25.7	2 44 15.04 -24 6 46.8	18.63			1.99	C IV 1549		2289	2289				
0242-410 O		2 42 2.4 -41 4 2	2 43 58.30 -40 51 22.7	18.1			2.214	H I 1216 N V 1240 C IV 1549 He II 1640 C III 1909		409	409 478				846rnd,912xnd, 478fc
0242-310 O	NGC 1097 QSO 12	2 42 3.4 -31 4 29	2 44 10.97 -30 51 50.0	19.0			0.874	Mg II 2798		1245	1245				44.80 arcmin from NGC 1097, 1245,2118
0242-310 O	NGC 1097 QSO 13	2 42 7.6 -31 4 49	2 44 15.16 -30 52 10.2	19.5			1.985	C IV 1549 C III 1909		1245	1245				44.57 arcmin from NGC 1097, 1245,2118
0242-224		2 42 34.82 -22 28 38.2	2 44 50.56 -22 16 1.0	19.93			2.20	C IV 1549		2289	2289				
0242-387 O		2 42 38.4 -38 47 37	2 44 37.12 -38 34 59.5	17.8			0.12			478	478				1026ext,1207, 1261imag
0242-305 O	NGC 1097 QSO 14	2 42 46.0 -30 31 13	2 44 54.05 -30 18 36.1	19.0			1.045	Mg II 2798		1245	1245				18.52 arcmin from NGC 1097, 1245,2118
0242-245		2 42 53.56 -24 33 44.0	2 45 7.38 -24 21 7.6	19.43			2.19	C IV 1549		2289	2289				
0242-301 O	NGC 1097 QSO 15	2 42 59.1 -30 10 48	2 45 7.47 -29 58 11.7	20.0			2.269	H I 1216 C IV 1549 C III 1909		1245	1245				24.03 arcmin from NGC 1097, 1245,2118
0242-301 O	NGC 1097 QSO 16	2 42 59.5 -30 9 59	2 45 7.88 -29 57 22.7	19.5			0.783	Mg II 2798		1245	1245				24.61 arcmin from NGC 1097, 1245,2118
0242+009 R	PKS	2 42 59.52 0 55 38.3	2 45 34.07 1 8 13.8	19.60			1.520	C IV 1549 C III 1909 C II 2326 Mg II 2798 Ne V 3426		028	1997				1997Bmag
0243-237		2 43 0.72 -23 45 26.7	2 45 15.27 -23 32 50.7	19.03			1.99	C IV 1549		2289	2289				
0243-007 O		2 43 30.3 -0 44 47	2 46 3.56 -0 32 13.0	18.82	.29	-.90	1.596	C IV 1549 C III 1909		2215	2215				
0243-294 O	NGC 1097 QSO 17	2 43 31.7 -29 25 57	2 45 40.76 -29 13 22.3	18.5			1.683	C IV 1549 C III 1909		1245	1245				63.73 arcmin from NGC 1097, 1245,2118
0243-297 O	NGC 1097 QSO 18	2 43 35.3 -29 46 59	2 45 44.00 -29 34 24.5	19.5			1.577	C IV 1549 C III 1909		1245	1245				42.83 arcmin from NGC 1097, 1245,2118
0243-018 O		2 43 36.4 -1 52 8	2 46 8.80 -1 39 34.2				(1.845)	C IV 1549 C III 1909		1429	1429				
0243-291 O	NGC 1097 QSO 19	2 43 39.8 -29 10 25	2 45 49.10 -28 57 50.7	18.5			2.163	H I 1216 C IV 1549 C III 1909		1245	1245				78.98 arcmin from NGC 1097, 1245,2118
0243-318 O	NGC 1097 QSO 21	2 43 41.2 -31 49 59	2 45 47.76 -31 37 24.7	18.5			1.875	C IV 1549 C III 1909		1245	1245				81.14 arcmin from NGC 1097, 1245,2118
0243-297 O	NGC 1097 QSO 22	2 43 43.7 -29 47 49	2 45 52.36 -29 35 14.9	20.0			2.063	H I 1216 C IV 1549		1245	1245				41.72 arcmin from NGC 1097, 1245,2118
0243-302 O X	Q 1097.5 QSO 23	2 43 54.4 -30 15 49	2 46 2.57 -30 3 15.4	19.1 *			0.89	Mg II 2798 Mg V 2931		1063	1063				1063rnd,1063x 12 arcmin from NGC 1097,1063, 2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0243–001		2 43 58.7	2 46 32.45	19.15	.01	–.67	1.305	C III 1909		2215	2215				
O		–0 7 4	0 5 28.7					Mg II 2798							
0243–007	NGC 1087	2 43 59.2	2 46 32.46	19.16			2.147			1429	540				2.83 arcmin
C	UB 1	–0 44 47	–0 32 14.3								2215				from NGC 1087,
															2118
0244+012		2 44 1.1	2 46 35.91	19.27	.44	–.72	2.032+	H I 1216		2215	2215				
O		1 16 8	1 28 40.5					Si IV 1397							
								C IV 1549							
								C III 1909							
0244–003	US 3146	2 44 2.0	2 46 35.56	18.99			1.815	C IV 1549		1303	1429				5.88 arcmin
C		–0 21 24	–0 8 51.5					C III 1909		1429	2215				from NGC 1090,
															2118
0244–019	US 3148	2 44 15.1	2 46 47.42	18.5			1.784	C IV 1549		1303	1429				
C		–1 58 7	–1 45 35.1					C III 1909		1429	2215				
0244–012	US 3150	2 44 18.9	2 46 51.81	16.88			0.467	Mg II 2798		1303	1255				2145imag,
C		–1 12 4	–0 59 32.3												2137varnd,
															2137Bmag
0244+017		2 44 22.4	2 46 57.61	19.26	.34	–1.12	1.945	Si IV 1397		2215	2215				
O		1 46 40	1 59 11.5					C IV 1549							
								C III 1909							
0244–302	Q 1097.1	2 44 26.4	2 46 34.47	19.3			3.103*		3.088	1063	1063			1063	1063rnd
O	QSO 25	–30 17 29	–30 4 56.9								911			2263	11 arcmin from
											1245				NGC 1097,1063,
															2118; Ly
															continuum abs,
															2118
0244–128	PKS	2 44 34.71	2 46 58.49	17.1			2.201	H I 1216		296	1251		1251		1966rnd
R	UT	–12 49 2.2	–12 36 31.0					N V 1240		1437	1437				
								Si IV 1397							
								O IV 1402							
								C IV 1549							
								He II 1640							
								C III 1909							
0244–302	Q 1097.3	2 44 38.5	2 46 46.61	17.8			1.00	C III 1909		1063	1063				1063rnd,1063x
O	QSO 26	–30 13 19	–30 0 47.5					Mg II 2798							15 arcmin from
X															NGC 1097,1063,
															2118
0244–303	Q 1097.2	2 44 41.9	2 46 49.89	18.3			0.528	Mg II 2798		1063	1063				1063rnd
O	QSO 27	–30 20 12	–30 7 40.7					Ar IV 2854							10 arcmin from
								Mg V 2931							NGC 1097,1063,
								O III 3133							2118
								He II 3203							
0244+194	1E	2 44 51.7	2 47 41.22	16.66	.11	–.89	0.176	H I 4340		1269	1269				1269ubv,
X		19 28 24	19 40 53.6					H I 4861							1269FeIIem,
								O III 4959							1269x,1910sp
								O III 5007							
								H I 6563							
0245+013	PKS	2 45 16.29	2 47 51.15	19.0			2.31	H I 1216		767	767		767		
R		1 19 19.9	1 31 48.8					C IV 1549							
0245–017	US 3166	2 45 21.0	2 47 53.48	18.9			1.937	C IV 1549		1303	1429				
C		–1 44 54	–1 32 25.3					C III 1909		1429	2215				
0245–004	US 3167	2 45 22.8	2 47 56.27	18.68			2.118	C IV 1549		1303	1429				7.12 arcmin
C		–0 28 24	–0 15 55.4					C III 1909		1429	2215				from NGC 1094,
															2118
0245–302	Q 1097.4	2 45 26.8	2 47 34.78	18.2 *			0.34	Mg II 2798		1063	1063				1063rnd,1063x
O	QSO 28	–30 14 55	–30 2 25.8												21 arcmin from
X															NGC 1097,1063,
															2118
0245–301	Q 1097.6	2 45 30.1	2 47 38.13	20.5			(1.10)	C III 1909		1063	1063				1063rnd,1063x
O	QSO 29	–30 11 48	–29 59 19.0					Mg II 2798							24 arcmin from
X															NGC 1097,1063,
															2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0245-294	NGC 1097	2 45 40.8	2 47 49.61	19.5			1.663	C IV 1549		1245	1245				66.87 arcmin
O	QSO 30	-29 25 4	-29 12 35.5					C III 1909							from NGC 1097,
															1245,2118
0245-297	NGC 1097	2 45 42.3	2 47 50.81	20.0			1.004	Mg II 2798		1245	1245				50′.44 arcmin
O	QSO 31	-29 42 37	-29 30 8.6												from NGC 1097,
															1245,2118
0245-294	NGC 1097	2 45 45.2	2 47 54.00	19.5			2.141	H I 1216		1245	1245				67.14 arcmin
O	QSO 33	-29 25 4	-29 12 35.7					C IV 1549							from NGC 1097,
															1245,2118
0245-298	NGC 1097	2 45 58.3	2 48 6.66	19.5			1.862	C IV 1549		1245	1245				46.18 arcmin
O	QSO 34	-29 49 4	-29 36 36.4					C III 1909							from NGC 1097,
															1245,2118
0246-009		2 46 0.8	2 48 33.88	18.75	.19	-.84	1.822	Si IV 1397		2215	2215				
O		-0 58 44	-0 46 17.2					C IV 1549							
								C III 1909							
0246-308	NGC 1097	2 46 14.5	2 48 21.76	18.5			1.093	C III 1909		1245	1245				34.10 arcmin
O	QSO 35	-30 50 33	-30 38 6.1					Mg II 2798							from NGC 1097,
															1245,2118
0246-300	NGC 1097	2 46 20.0	2 48 28.09	19.0			1.775	C IV 1549		1245	1245				38.65 arcmin
O	QSO 36	-30 2 9	-29 49 42.4					C III 1909							from NGC 1097,
															1245,2118
0246+019		2 46 47.0	2 49 22.36	19.15	.08	-.87	1.953	Si IV 1397		2215	2215				
O		1 56 38	2 9 2.5					C IV 1549							
								C III 1909							
0246+009	US 3204	2 46 53.9	2 49 28.48	18.77			0.953	C III 1909		1303	1429				
C		0 56 56	1 9 20.1					Mg II 2798		1429	2215				
0246-407	B21.07	2 46 56.3	2 48 51.66	16.3			1.74			2277	2277				
		-40 46 31	-40 34 5.8												
0247+393	4C 39.10	2 47 4.0	2 50 14.67				(2.87)	Si IV 1397			2001				
R	3C 82	39 21 30	39 33 52.6					O IV 1402							
								C IV 1549							
								C III 1909							
0247-025		2 47 5.4	2 49 37.23	18.28	-.11	-1.31	1.935	Si IV 1397		2215	2215				
O		-2 34 21	-2 21 57.3					C IV 1549							
								C III 1909							
								Mg II 2798							
0247-304	NGC 1097	2 47 7.1	2 49 14.64	19.0			1.646	C IV 1549		1245	1245				37.86 arcmin
O	QSO 37	-30 28 18	-30 15 53.7					C III 1909							from NGC 1097,
															1245,2118
0247+012		2 47 7.6	2 49 42.44	19.65	-.14	-.49	0.339	O II 3727		1904	1904				1904Bmag
C		1 16 50	1 29 13.5					H I 4861			2276				
								O III 5007							
0247+016		2 47 9.3	2 49 44.46	18.77			2.690	H I 1216		1429	1429				
O		1 41 13	1 53 36.4					C IV 1549			2215				
								C III 1909							
0247+011		2 47 10.5	2 49 45.26	19.48	.65	-.57	1.032			2276	2276				
		1 10 27	1 22 50.3												
0247+008	US 3213	2 47 19.9	2 49 54.38	19.06	.22	-.72	0.584	Mg II 2798		1904	1904				1904Bmag
O		0 49 25	1 1 47.9					Ne V 3426		2215	2215				
C								O II 3727			2276				
								NeIII 3869							
								H I 4340							
0247-294	NGC 1097	2 47 25.2	2 49 33.72	20.0			2.193	H I 1216		1245	1245				72.86 arcmin
O	QSO 38	-29 29 23	-29 16 59.6					C IV 1549							from NGC 1097,
															1245,2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0247+002 C	US 3216	2 47 32.9 0 13 3	2 50 6.91 0 25 25.3	17.93	.32	−.93	0.198	Ne V 3426 O II 3727 NeIII 3869 H I 4340 H I 4861 O III 4959 O III 5007		1904	1904 2276				1904Bmag
0247+014 C		2 47 39.6 1 29 41	2 50 14.61 1 42 2.9	19.76	.46	−.75	2.054+	O IV 1402 C IV 1549 C III 1909		1904	1904 2276				1904BAL, 1904Bmag
0247+003		2 47 45.1 0 18 39	2 50 19.18 0 31 0.7	19.89	−.09	−.76	2.015			2276	2276				
0247−003 C	US 3219	2 47 57.3 −0 20 21	2 50 30.87 −0 7 59.9	18.24	.08	.98	1.458	C III 1909 Mg II 2798		1303 1429	1429 1904 2276				
0248+010		2 48 3.2 1 5 50	2 50 37.90 1 18 10.7	19.79	.06	−.32	1.828			2276	2276				
0248−009 C	US 3221	2 48 5.7 −0 59 59	2 50 38.75 −0 47 38.3	18.66	.18	−1.23	1.845	C IV 1549 C III 1909		1303 1429	1429 1904 2215 2276				
0248−001 C	US 3224	2 48 14.9 −0 10 12	2 50 48.60 0 2 8.2	19.04	.59	−.70	0.766	Mg II 2798 O II 3727 NeIII 3869		1904	1904 2276				1904Bmag
0248+430 R	S4 GC	2 48 18.5 43 2 57	2 51 34.55 43 15 15.8	17.65			1.316*	C IV 1549 C III 1909 Mg II 2798	0.4515 0.3941 0.0515	510	1443	2174	1521 1771 1807	1901 2109 2175 2263	1526vlbi, 2175phot, 2251sp IRAS source, 1744; 14.7 arcsec from anon gal,0.052 zgal,1443,2118 2147,2175,2248
0248+009 C		2 48 23.1 0 54 35	2 50 57.65 1 6 54.8	19.13	−.09	−.82	1.708	C IV 1549 C III 1909		1904	1904 2276				1904Bmag
0248+005 C		2 48 26.6 0 35 43	2 51 0.91 0 48 2.6	19.58	.38	−1.02	0.828	Mg II 2798 O II 3727		1904	1904 2276				1904Bmag
0248+011 C		2 48 28.5 1 8 21	2 51 3.23 1 20 40.5	19.43	.13	−.92	0.399	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4340 H I 4861 O III 4959 O III 5007		1904	1904 2276				1904Bmag
0248−001		2 48 28.9 −0 6 20	2 51 2.65 0 5 59.5	19.42	.53	−.24	1.435			2276	2276				
0248+011 C	US 3229	2 48 30.0 1 7 9	2 51 4.72 1 19 28.4	18.65	.63	−.41	0.232	O II 3727 NeIII 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		1904	1904 LBQS 2276				1904Bmag
0248+021 O		2 48 34.7 2 6 58.3	2 51 10.20 2 19 17.5	19.6			0.489	Mg II 2798 H I 4340 H I 4861 O III 5007		1429	1429				pos & B(J)mag, 2274
0248−005		2 48 51.7 −0 32 50	2 51 25.11 −0 20 31.6	19.87	.65	−.50	0.328			2276	2276				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0248+010 C		2 48 52.1 1 2 50	2 51 26.76 1 15 8.3	19.37	.50	−.82	0.300	O II 3727 NeIII 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		1904	1904 2276				1904Bmag
0248−006 C		2 48 55.3 −0 39 8	2 51 28.62 −0 26 49.8	19.56	.15	−.46	2.329	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1904	1904 2276				1904Bmag
0249+156 R	MC 3	2 49 0.31 15 37 54.9	2 51 46.81 15 50 12.5	19			0.489	Mg II 2798 Ne V 3426 H I 4340 O III 4363 He II 4686 H I 4861 O III 4959 O III 5007			019 458		1111		1111fc
0249−009 C		2 49 12.0 −0 58 56	2 51 45.06 −0 46 38.6	19.59	−.12	−.72	1.383	C III 1909 Mg II 2798		1904	1904 2276				1904Bmag
0249−008		2 49 13.6 −0 52 52	2 51 46.74 −0 40 34.7	19.90	−.04	−.38	0.817			2276	2276				
0249−009 C		2 49 15.4 −0 58 54	2 51 48.46 −0 46 36.8	19.40	−.13	−.49	1.569	C IV 1549 C III 1909		1904 2215	1904 2215				1904Bmag
0249+007 C		2 49 16.8 0 45 22	2 51 51.23 0 57 39.1	19.75	.55	−.99	1.824+	C IV 1549 C III 1909		1904	1904 2276				1904BAL, 1904Bmag
0249+007 C		2 49 21.8 0 44 49	2 51 56.23 0 57 5.9	18.66	.04	−.59	0.471	Mg II 2798 O II 3727 NeIII 3869 H I 4102 H I 4340		1904 2216	1904 LBQS 2216 2276				1904Bmag
0249−222 O	UM 678	2 49 25.5 −22 12 37	2 51 40.87 −22 0 19.7	18.4			3.205*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	3.1294 3.1036 2.6736	1025	1874 1025 2281			1874 2228 2263	Ly limit abs, z=2.937 and 2.869,1874; poss damped Ly alpha,z= 2.83,1874
0249−184 O	UM 679	2 49 29.8 −18 26 21	2 51 48.55 −18 14 4.0	18.6			3.210*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.6410 2.2618 1.2878	1025	1025 1874 2281			1874 2228 2263	Ly limit abs, z=2.665,1874
0249−001 C		2 49 36.0 −0 6 26	2 52 9.75 0 5 50.2	19.61	.28	−.65	2.099	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1904	1904 2276				1904Bmag
0249+023 O		2 49 42.4 2 22 57	2 52 18.12 2 35 12.8	18.73	.24	−.44	2.805	H I 1216 Si IV 1397 C IV 1549		2215	2156 2215				2156Ly abs
0249+002		2 49 46.4 0 15 20	2 52 20.44 0 27 35.7	19.74	.11	−.78	1.678			2276	2276				
0249+005 C		2 49 46.6 0 31 15	2 52 20.85 0 43 30.7	18.96			0.175	O II 3727 NeIII 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007 H I 6563		1904	1904				1904Bmag
0249−001 C	US 3254	2 49 47.2 −0 6 16	2 52 20.95 0 5 59.7	17.18	.33	−.63	0.811	Mg II 2798 O II 3727		1904 2216	1904 LBQS 2216 2276				1904Bmag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0249-290	NGC 1097	2 49 52.0	2 52 0.72	19.5			2.204	H I 1216		1245	1245				114.97 arcmin
O	QSO 42	-29 0 35	-28 48 18.8					C IV 1549							from NGC 1097,
															1245,2118
0249+003		2 49 54.4	2 52 28.49	18.94	.46	-.77	1.106	C III 1909		1904	1904				1904Bmag
C		0 18 54	0 31 9.3					Mg II 2798			2276				
0249+008		2 49 55.2	2 52 29.68	19.27	-.16	-.62	2.010	O IV 1402		1904	1904				
C		0 48 34	1 0 49.2					C IV 1549		2215	2215				
								C III 1909		2276	2276				
0250-009		2 50 4.7	2 52 37.76	19.76	.46	-.54	1.007	C III 1909		1904	1904				1904Bmag
C		-0 58 42	-0 46 27.2					Mg II 2798			2276				
								NeIII 3869							
0250-011		2 50 4.9	2 52 37.86	19.49	.56	-.87	0.846	Mg II 2798		1904	1904				1904Bmag
C		-1 6 20	-0 54 5.2					O II 3727			2276				
0250+016		2 50 12.9	2 52 48.07	18.85	.23	-.53	2.637	H I 1216		1904	1904				1904Bmag
O		1 40 49	1 53 3.3					N V 1240		2215	2215				
C								O IV 1402			2276				
								C IV 1549							
0250-012	US 3268	2 50 24.3	2 52 57.15	19.41	.24	-.63	1.251	C III 1909		1904	1904				1904Bmag
C		-1 14 33	-1 2 19.2					Mg II 2798			2276				
0250+011		2 50 34.4	2 53 9.14	19.89	.21	-.56	1.331			2276	2276				
		1 8 20	1 20 33.3												
0250+020	US 3277	2 50 40.8	2 53 16.27	18.81			1.393	C III 1909		1303	1429				
C		2 3 20.1	2 15 33.0					Mg II 2798		1429					
0250+009		2 50 41.8	2 53 16.38	19.51	.24	-.89	1.030	C III 1909		1904	1904				1904Bmag
C		0 55 47	1 7 59.9					Mg II 2798			2276				
0250-001		2 50 49.9	2 53 23.61	19.65	.34	-1.04	1.214	C III 1909		1904	1904				1904Bmag
C		-0 9 41	0 2 31.5					Mg II 2798			2276				
0250-006		2 50 51.3	2 53 24.62	19.78	.10	-.70	1.363	C III 1909		1904	1904				1904Bmag
C		-0 39 7	-0 26 54.5					Mg II 2798			2276				
0250+019		2 50 54.5	2 53 29.86	19.23	.09	-1.15	1.925	Si IV 1397		2215	2215				
O		1 54 31	2 6 43.3					C IV 1549							
								C III 1909							
0250-467	C24.03	2 50 56.5	2 52 42.10	18.3			(1.88)			2277	2277				2277BAL
		-46 42 42	-46 30 28.4												
0250+000		2 50 58.0	2 53 31.89	19.61	.57	-.72	1.81 +	C IV 1549		1904	1904				1904BAL,
C		0 4 12	0 16 24.1					C III 1909			2276				1904Bmag
0251-000	US 3293	2 51 7.1	2 53 40.92	18.59	.10	-.90	1.682	C IV 1549		1904	1904				1904Bmag
C		-0 1 1	0 11 10.7					C III 1909		2216	LBQS				
											2216				
											2276				
0251+011		2 51 8.8	2 53 43.52	19.84	.30	-.40	0.531			2276	2276				
		1 6 39	1 18 50.6												
0251-675	PKS	2 51 11.35	2 51 55.85	17.5			1.002	C III 1909		767	1445		767		1445fc
R	MC	-67 30 14.8	-67 18 0.4					Mg II 2798					1966		
								NeIII 3869							
0251-009		2 51 12.1	2 53 45.15	19.20	.56	-.58	2.449	H I 1216		1904	1904				1904Bmag
C		-0 59 17	-0 47 5.5					N V 1240		2215	2215				
								O IV 1402			2276				
								C IV 1549							
								C III 1909							
0251-000		2 51 22.2	2 53 56.02	19.63	-.06	-.65	1.688	C IV 1549		1904	1904				1904Bmag
C		-0 1 13	0 10 57.9					C III 1909			2276				
0251-003		2 51 23.2	2 53 56.72	19.73	-.13	-.30	0.757			2276	2276				
		-0 23 35	-0 11 24.1												
0251+002		2 51 27.2	2 54 1.26	19.76	.18	-1.03	1.986	O IV 1402		1904	1904				1904Bmag
C		0 17 5	0 29 15.7					C IV 1549			2276				
								C III 1909							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0251−000		2 51 49.0	2 54 22.78	19.53	.56	−.82	1.213	C III 1909		1904	1904				1904Bmag
C		−0 4 10	0 7 59.6					Mg II 2798			2276				
0251−010		2 51 59.2	2 54 32.21	19.81	.30	−.47	1.955			2276	2276				
		−1 1 42	−0 49 32.9												
0251−009	US 3321	2 51 59.3	2 54 32.41	18.43	.18	−.58	0.433	Mg II 2798		1904	1904				1904Bmag
C		−0 54 28	−0 42 18.9					O II 3727		2216	LBQS				
								NeIII 3869			2216				
								H I 4340			2276				
0252−549	PKS	2 52 0.29	2 53 29.23	19.3			0.537	Mg II 2798		494	493		1519		1526vlbi,
R		−54 54 1.8	−54 41 50.9					Ne V 3426					1966		420fc,761,
								NeIII 3869							1304sp,
								NeIII 3968							1898pos
								H I 4102							
								H I 4340							
0252+016	US 3325	2 52 8.0	2 54 43.19	17.91	−.09	−.29	0.621	Mg II 2798		1904	1904				1904Bmag
O		1 41 9	1 53 17.6					O II 3727		2216	LBQS				
C								H I 4861			2216				
								O III 4959			2276				
								O III 5007							
0252+002	US 3333	2 52 31.6	2 55 5.61	17.28	0.00	−.91	0.354	Mg II 2798		1904	1904				1904Bmag
C		0 13 15	0 25 22.5					O II 3727			2276				
								NeIII 3869							
								H I 4102							
								H I 4340							
								H I 4861							
								O III 4959							
								O III 5007							
0252−000		2 52 39.2	2 55 12.96	19.85	−.06	−.80	1.885			2276	2276				
		−0 5 28	0 6 39.1												
0252+016		2 52 40.0	2 55 15.13	18.23	.16	−.53	2.457			2276	2276				
		1 36 21	1 48 28.0												
0252+016	US 3342	2 52 40.2	2 55 15.33	18.06			2.457	H I 1216		1303	1429				
C		1 36 26	1 48 33.0					Si IV 1397		1429	1904				
								O IV 1402			2215				
								C IV 1549							
								C III 1909							
0252−002		2 52 55.2	2 55 28.84	19.61	−.19	−.76	1.426	C III 1909		1904	1904				1904Bmag
C		−0 14 25	−0 2 18.7					Mg II 2798			2276				
0252+013	US 3349	2 52 58.6	2 55 33.49	17.33	.58	−.96	0.141			1904	1904				1904Bmag
C		1 18 56	1 31 2.1								2276				
0253−024		2 53 8.2	2 55 40.08	19.31	.17	−1.25	1.986	Si IV 1397		2215	2215				
O		−2 26 0	−2 13 54.3					C IV 1549							
								C III 1909							
0253+004	US 3354	2 53 12.8	2 55 46.99	18.85			0.921	Mg II 2798		1904	1904				1904Bmag
C	US 3375	0 26 8	0 38 13.4								2215				
0253+006	US 3363	2 53 25.4	2 55 59.79	18.92	.21	−.54	0.847	Mg II 2798		1904	1819				
C		0 41 6.0	0 53 10.7					NeIII 3869			1904				
								H I 4102			2276				
								H I 4340							
0253+006		2 53 28.1	2 56 2.49	19.87	.59	.09	0.531			2276	2276				
		0 40 51	0 52 55.6												
0253+009		2 53 32.5	2 56 7.12	19.04	.16	−.60	1.347	C III 1909		1904	1904				1904Bmag
C		0 58 33	1 10 37.4					Mg II 2798			2276				
0253−465	C25.34	2 53 33.7	2 55 18.90	18.2			2.06			2277	2277				
		−46 35 45	−46 23 39.2												
0253+017		2 53 34.5	2 56 9.74	19.24	−.14	−.84	1.439	C III 1909		1904	1904				1904Bmag
C		1 44 29	1 56 33.3					Mg II 2798			2276				
0253+000		2 53 39.2	2 56 13.08	19.83	−.05	−.67	2.012			2276	2276				
		0 3 4	0 15 8.1												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0253−016		2 53 44.0	2 56 16.51	16.86	−.07	−.78	0.879	C III 1909		2215	2215				
O		−1 38 43	−1 26 39.1					Mg II 2798		2216	2216				
								H I 4102		2274	2274				
								H I 4340							
0253−218	PKS	2 53 56.7	2 56 12.04	19.1			1.470	C IV 1549		296	1304		1518		761sp
R		−21 49 31	−21 37 27.2					C III 1909					1966		
													1976		
0254−016		2 54 7.9	2 56 40.42	19.32	.13	−.26	2.684	H I 1216		2215	2215				
O		−1 37 49	−1 25 46.3					Si IV 1397							
								C IV 1549							
								C III 1909							
0254+000	US 3390	2 54 10.8	2 56 44.65	18.42	.20	−.82	2.242	H I 1216		1904	1819				
C		0 0 43	0 12 45.5					N V 1240			1904				
								O IV 1402			2215				
								C IV 1549			2276				
								C III 1909							
0254+010		2 54 12.2	2 56 46.87	18.16			0.177	O II 3727		1904	1904				1904Bmag
C		1 1 46	1 13 48.4					NeIII 3869							
								H I 4102							
								H I 4340							
								H I 4861							
								O III 4959							
								O III 5007							
0254+007		2 54 24.1	2 56 58.51	19.53	.63	−1.01	1.115	C III 1909		1904	1904				1904Bmag
C		0 42 45	0 54 46.8					Mg II 2798			2276				
0254+014		2 54 26.1	2 57 1.10	19.58	.16	−.69	1.793	C IV 1549		1904	1904				1904Bmag
C		1 26 12	1 38 13.7					C III 1909			2276				
0254−025		2 54 26.9	2 56 58.64	17.9			1.107			2216	2216				
O		−2 35 26	−2 23 24.3							2274	2274				
0254−003		2 54 32.3	2 57 5.83	19.60	.47	−.47	1.585			2276	2276				
		−0 22 55	−0 10 53.6												
0254−404		2 54 39.1	2 56 33.55	17.4			2.29 *	H I 1216	1.2840	441	441			478	2020sp
O		−40 24 59	−40 12 56.8					N V 1240	0.5503		478			2020	
								Si IV 1397			2199			2228	
								O IV 1402						2263	
								C IV 1549							
								C III 1909							
0254−334	PKS	2 54 39.6	2 56 42.85	17 *			1.915+	H I 1216	0.213	025	024	024	384	982	1213,1966rnd,
R		−33 27 20	−33 15 18.1					N V 1240			419			2228	761,982,
								O I 1304			585				1304sp,
								C IV 1549							1526vlbi
								He II 1640							
								C III 1909							
0254−012		2 54 40.2	2 57 13.04	19.28	−.03	−.48	1.866	O IV 1402		1904	1904				1904Bmag
C		−1 13 58	−1 1 57.0					C IV 1549		2215	2215				
								C III 1909			2276				
0254+012		2 54 40.9	2 57 15.73	19.51	.27	−.50	1.089	C III 1909		1904	1904				1904Bmag
C		1 13 38	1 25 38.9					Mg II 2798			2276				
0254−009		2 54 43.8	2 57 16.86	19.76	−.02	−.50	1.032	C III 1909		1904	1904				1904Bmag
C		−0 57 36	−0 45 35.2					Mg II 2798			2276				
0254−334		2 54 43.8	2 56 47.04	16.5			1.863*	H I 1216	1.8557	025	1479			585	1201pol,761,
		−33 27 29	−33 15 27.3					N V 1240	1.8509		024			982	982,1304sp,
								Si IV 1397	1.8374		419			1394	1208,1514BAL
								O IV 1402	1.8322		585			1510	~1.2 arcmin
								C IV 1549	1.8265					2228	from PKS QSO
								C III 1909	1.8150					2263	0254−334;
								Mg II 2798	1.8079						z(abs) 1.84−
									1.802						1.80,1514
									1.7321						
									0.2125						
0254−001		2 54 51.4	2 57 25.09	19.79	.15	−.39	1.250			2276	2276				
		−0 10 46	0 1 14.4												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0254+000 C		2 54 53.3 0 3 45	2 57 27.19 0 15 45.3	19.71	.04	–.92	1.601	C IV 1549 C III 1909		1904	1904 2276				1904Bmag
0255–015 C	US 3426	2 55 13.4 –1 31 46	2 57 46.00 –1 19 46.7	18.39			1.528	C IV 1549 C III 1909		1303 1429 2216	1429 2216				
0255–015 O		2 55 13.6 –1 31 47	2 57 46.20 –1 19 47.7	18.3			1.528			2216	2216				
0255+001 O		2 55 17.5 0 8 46	2 57 51.46 0 20 45.1	19.57	.45	–.81	1.498	C IV 1549 C III 1909 Mg II 2798		1904	1819 1904 2276				
0255+015 C	US 3430	2 55 20.7 1 32 37	2 57 55.79 1 44 35.9	18.88	.40	–.50	0.282	O II 3727 NeIII 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		1904	1904 2276				1904Bmag
0255+018 C		2 55 28.4 1 52 5	2 58 3.76 2 4 3.5	19.59	–.20	–.46	1.623	C IV 1549 C III 1909		1904	1904 2276				1904Bmag
0255–003		2 55 30.7 –0 22 59	2 58 4.23 –0 11 0.6	19.84	–.04	–.35	1.557			2276	2276				
0255–468	C25.35	2 55 32.0 –46 52 36	2 57 16.28 –46 40 36.2	18.7			1.85			2277	2277				
0255–002 C	US 3437	2 55 41.9 –0 15 32	2 58 15.53 –0 3 34.1	19.46	.42	–1.02	1.318			1904	1904 2276				1904Bmag
0255–003 C		2 55 45.7 –0 20 4	2 58 19.27 –0 8 6.3	19.89	.47	–.98	2.094	H I 1216 N V 1240 O IV 1402 C IV 1549 C III 1909		1904	1904 2276				1904Bmag
0256–021 O		2 56 5.9 –2 6 8	2 58 38.02 –1 54 11.3	18.5	0.00	–1.05	0.406	Mg II 2798 O II 3727 H I 4102 H I 4340 H I 4861		2215 2216 2274	2215 2216 2274				
0256+016 C		2 56 14.7 1 40 29	2 58 49.90 1 52 25.1	19.04	.03	–.63	0.608	Mg II 2798 O II 3727 NeIII 3869 H I 4102 H I 4340		1904	1904 2276				1904Bmag
0256+005		2 56 20.6 0 30 26	2 58 54.85 0 42 21.9	19.72	.05	–.34	1.569			2276	2276				
0256–135 R	UT	2 56 21.5 –13 33 34	2 58 44.07 –13 21 37.8	18.0			0.42	Mg II 2798 H I 4340 H I 4861 O III 5007		1437	1437				
0256–000 O		2 56 31.8 –0 0 29	2 59 5.63 0 11 26.3	18.72			3.377*	O VI 1034 H I 1216 C IV 1549	3.0919 1.2773 1.1983 1.0250	1429	1874 1429 2215 2281			1874 2059 2125 2228 2263	Ly limit abs, z=3.090,1874, 2125
0256–000		2 56 33.1 –0 3 57	2 59 6.88 0 7 58.3	19.65	.66	–.61	2.381			2276	2276				
0256+007		2 56 36.4 0 43 9	2 59 10.82 0 55 4.1	19.84	.68	–.50	0.199			2276	2276				
0256–005 C	US 3456	2 56 37.0 –0 34 34	2 59 10.37 –0 22 38.9	18.33	.27	–.90	0.360	H I 4102 H I 4340 H I 4861 O III 4959 O III 5007 H I 6563		1904 2216	1904 LBQS 2216 2276				1904Bmag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0256+075	PKS	2 56 46.98	2 59 27.07	18 *			0.893	Mg II 2798		165	1984	009			
R	OD 094.7	7 35 54.4	7 47 48.7					O II 3727		213		044			
												412			
0256+017		2 56 47.4	2 59 22.69	19.69			1.016	C III 1909		1904	1905				1904Bmag
C		1 46 56	1 58 50.5					Mg II 2798							
0256+007	US 3461	2 56 48.1	2 59 22.57	19.07	.12	−.85	1.853	O IV 1402		1904	1904				1904Bmag
C		0 46 35	0 58 29.5					C IV 1549		2215	2215				
								C III 1909			2276				
0256−005	PKS	2 56 54.8	2 59 28.20	17.20	.23	−1.03	1.998	H I 1216		026	094		775		1320rpol,
R	OD 095	−0 31 52	−0 19 57.8					C IV 1549		1429	1904		789		1485ubv,
	PB 6960							C III 1909			2215				1513elp
	US 3464										2276				
0257−006	US 3468	2 57 0.4	2 59 33.73	18.76	.08	−.67	1.748	O IV 1402		1904	1904				1904Bmag
C		−0 37 11	−0 25 17.1					C IV 1549		2276	2276				
								C III 1909							
								Mg II 2798							
0257−029		2 57 1.1	2 59 32.56	17.6			1.070			2216	2216				
O		−2 54 6	−2 42 12.1							2274	2274				
0257−003		2 57 2.3	2 59 35.85	19.53	.21	−.83	1.298	C III 1909		1904	1904				1904Bmag
C		−0 20 56	−0 9 2.2					Mg II 2798			2276				
0257+004	US 3472	2 57 3.3	2 59 37.49	16.71	0.00	−.76	0.532	Mg II 2798		1303	1255				2137varnd,
C		0 25 41	0 37 34.7					H I 4102		1904	1904				2137Bmag
								H I 4861			2276				
								O III 4959							
								O III 5007							
0257+005		2 57 3.9	2 59 38.15	18.14			0.197	1869		1904	1904				1904Bmag
C		0 30 22	0 42 15.7					H I 4102							
								H I 4340							
								H I 4861							
								O III 4959							
								O III 5007							
								H I 6563							
0257−011		2 57 6.5	2 59 39.39	19.73	−.02	−.52	0.661			2276	2276				
		−1 9 46	−0 57 52.4												
0257−001		2 57 15.4	2 59 49.10	19.71	.19	−.75	1.710	O IV 1402		1904	1904				1904Bmag
C		−0 10 13	0 1 40.1					C IV 1549			2276				
								C III 1909							
0257+008		2 57 16.2	2 59 50.74	18.86			0.257	O II 3727		904	1904				1904Bmag
C		0 51 11	1 3 4.0					NeIII 3869							
								H I 4102							
								H I 4340							
								H I 4861							
								O III 4959							
								O III 5007							
0257−004		2 57 18.3	2 59 51.77	19.27	.59	−.46	0.102	NeIII 3869		1904	1904				1904Bmag
C		−0 27 15	−0 15 22.0					H I 4340			2276				
								H I 4861							
								O III 4959							
								O III 5007							
0257+003		2 57 23.7	2 59 57.85	19.52	.20	−.50	0.820	Mg II 2798		1904	1904				1904Bmag
C		0 23 1	0 34 53.7					O II 3727			2276				
								NeIII 3869							
0257+003		2 57 37.8	3 0 11.96	19.38	.20	−.68	0.420	Mg II 2798		1904	1904				1904Bmag
C		0 23 36	0 35 27.9					O II 3727			2276				
								NeIII 3869							
								H I 4102							
								H I 4340							
								H I 4861							
								O III 4959							
								O III 5007							
0257+012	US 3493	2 57 43.2	3 0 18.09	18.65	−.14	−.71	1.356	C III 1909		1904	1904				1904Bmag
C		1 16 47	1 28 38.6					Mg II 2798			2276				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0257+019 C	US 3496	2 57 50.0 1 54 26	3 0 25.40 2 6 17.3	18.97	.03	−.78	1.085	C III 1909 Mg II 2798		1904	1904 2276				1904Bmag
0257+024 C	US 3498	2 57 53.9 2 29 1	3 0 29.78 2 40 52.0	16.50			0.115	H I 4340 H I 4861		1303	1255				2137varnd, 2137Bmag
0257−010 C	US 3499	2 57 54.1 −1 0 39	3 0 27.11 −0 48 47.9	19.34	.32	−1.43	2.006	O IV 1402 C IV 1549 C III 1909		1904	1904 2276				1904Bmag
0257−001 C		2 57 56.1 −0 7 29	3 0 29.83 0 4 22.0	19.61			0.761	Mg II 2798 O II 3727 NeIII 3869		1904	1904				1904Bmag
0257+007 C		2 57 56.9 0 42 7	3 0 31.31 0 53 57.9	19.38	.51	−.43	0.198	NeIII 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		1904	1904 2276				1904Bmag
0257+005 C		2 57 59.6 0 31 34	3 0 33.87 0 43 24.8	19.62			0.806	Mg II 2798 O II 3727		1904	1904				1904Bmag
0258−004 C		2 58 2.5 −0 27 22	3 0 35.96 −0 15 31.3	18.78	.09	−.75	1.435	C III 1909 Mg II 2798 O II 3727		1904	1904 2276				1904Bmag
0258+003 C		2 58 7.7 0 20 48	3 0 41.82 0 32 38.4	19.21	.38	−1.11	1.112	C III 1909 Mg II 2798		1904	1904 2276				1904Bmag
0258+021 O		2 58 10.4 2 10 54	3 0 46.03 2 22 44.2	18.00	.15	−.77	2.521	H I 1216 Si IV 1397 C IV 1549 C III 1909		2215 2216 2274	2215 2216 2274				
0258+000 C		2 58 11.3 0 5 7	3 0 45.21 0 16 57.2	19.15	.17	−.60	1.727	C IV 1549 C III 1909		1904	1904 2276				1904Bmag
0258+001 C		2 58 11.5 0 9 43	3 0 45.47 0 21 33.2	19.48	0.00	−.48	1.497	C III 1909 Mg II 2798		1904	1904 2276				1904Bmag
0258+007 C	US 3531	2 58 14.5 0 42 51	3 0 48.92 0 54 41.0	18.94	.06	−.40	0.661	Mg II 2798 O II 3727 NeIII 3869		1904	1904 2276				1904Bmag
0258+016 C	US 3514	2 58 14.7 1 37 6	3 0 49.87 1 48 56.0	19.90	−.05	−1.15	1.302	C III 1909 Mg II 2798		1904	1904 2276				1904Bmag
0258+016 C	US 3523	2 58 25.8 1 37 41	3 1 0.98 1 49 30.4	19.20	.20	−.73	0.595	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4340		1904	1904 2276				1904Bmag
0258+058 R		2 58 54.1 5 50 14	3 1 32.77 6 2 1.9	19			2.313	H I 1216 C IV 1549		476	476		2162		
0258+017		2 58 54.5 1 45 53	3 1 29.79 1 57 40.9	19.85	.60	−.65	1.349			2276	2276				
0259+012 C		2 59 2.8 1 12 56	3 1 37.64 1 24 43.5	19.13	−.09	−.43	2.316	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1904	1904 2276				1904Bmag
0259+014 C	US 3532	2 59 3.2 1 26 29	3 1 38.23 1 38 16.5	19.10	.08	−.57	1.578	C IV 1549 C III 1909		1904	1904 2276				1904Bmag
0259+015 C	US 3533	2 59 4.2 1 33 13	3 1 39.32 1 45 0.5	18.86	.32	−.46	0.185	O II 3727 H I 4102 H I 4340 H I 4861		1904	1904 2276				1904Bmag
0259+010 C		2 59 6.3 1 4 6	3 1 41.02 1 15 53.4	19.64	.11	−.99	1.77	C IV 1549 C III 1909		1904	1904 2276				1904Bmag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0259–009		2 59 11.8	3 1 44.87	19.56	.33	–.72	0.383	O II 3727		1904	1904				1904Bmag
C		–0 55 51	–0 44 3.9					NeIII 3869			2276				
								H I 4102							
								H I 4340							
								H I 4861							
								O III 4959							
								O III 5007							
0259+015	US 3540	2 59 27.5	3 2 2.64	18.62	–.12	–1.07	1.734	Si IV 1397		1303	1808				
C		1 34 31.2	1 46 17.4					O IV 1402		1904	1904				
								C IV 1549			2276				
								C III 1909							
0259–002	US 3543	2 59 33.1	3 2 6.76	18.44	.11	–.37	0.641	Mg II 2798		1904	1904				1904Bmag
C		–0 13 6	–0 1 20.0					Ne V 3426			2276				
								NeIII 3869							
								H I 4102							
								H I 4861							
								O III 4959							
								O III 5007							
0259–001		2 59 41.0	3 2 14.69	20.30			1.179	C III 1909		1904	1904				1904Bmag
C		–0 10 18	0 1 27.6					Mg II 2798							
0259–005		2 59 46.9	3 2 20.27	18.4			0.706			2216	2216				
O		–0 34 9	–0 22 23.7							2274	2274				
0259–016	US 3556	2 59 58.2	3 2 30.66	18.17			(1.52)	C III 1909		1303	1429				
C		–1 39 31	–1 27 46.3					Mg II 2798		1429					
0300–437	C25.36	3 0 7.2	3 1 55.75	19.2			(2.3)			2277	2277				
		–43 42 25	–43 30 39.4												
0300+470	4C 47.08	3 0 10.09	3 3 35.22	17.21	.73	–.46				651			1212		703,856,877,
BL Lac R	OE 400	47 4 33.7	47 16 16.2										1367		1988,2062pol,
													1441		2259imag,009,
													1557		651sp,1337ubv,
															899,1388rpol,
															865pos,
															856phot,1028,
															1789mm,2107,
															2112x
															IRAS source,
															1806
0300–027		3 0 15.3	3 2 46.83	18.3			0.249			2274	2274				
O		–2 46 20	–2 34 36.1												
0300–004	PKS	3 0 39.64	3 3 13.11	18.2			0.693+	Mg II 2798		026	432		789	432	
R	4C 00.14	–0 26 40.5	–0 14 57.9					NeIII 3869		1429			1877		
	PB 6989												1888		
0300–428	C25.27	3 0 41.2	3 2 30.99	17.7			2.0			2277	2277				
		–42 50 33	–42 38 49.2												
0300–003		3 0 42.1	3 3 15.68	18.3			0.703			2216	2216				
O		–0 18 45	–0 7 2.6							2274	2274				
0301–427	C25.28	3 1 2.1	3 2 51.95	19.1			1.93			2277	2277				
		–42 45 40	–42 33 57.3												
0301–005		3 1 7.7	3 3 41.05	18.53			3.226*	H I 1216	2.9406	1429	1874			1874	Ly limit abs,
O		–0 35 1	–0 23 19.9					Si IV 1397	2.7241		1429			2228	z=2.947,1874,
								O IV 1402	2.4700		2281			2263	2125
								C IV 1549	2.4292						
								C III 1909							
0301+002		3 1 8.7	3 3 42.75	18.3			1.646			2216	2216				
O		0 15 19	0 27 0.0							2274	2274				
0301+001	US 3605	3 1 48.5	3 4 22.49	17.16			0.635	Mg II 2798		1303	1255				2137varnd,
C		0 10 53	0 22 32.0												2137Bmag
0302–003		3 2 16.3	3 4 49.86	18.37			3.290*	H I 1216	3.2195	1429	1874			1874	Ly limit abs,
O		–0 19 47	–0 8 9.5					N V 1240	2.9638		1429			2039	z=2.530,1874
								C IV 1549	2.6887		2281			2228	
									2.5892					2263	
									2.5360						

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0302+170 O		3 2 16.32 17 5 22.3	3 5 4.92 17 16 59.3	19.0			2.883*	O VI 1034 H I 1216 N V 1240 C IV 1549	2.896 2.8660 2.8225 1.7843	1440	1874 1440			1874 2228 2263	1613sp, 1440BAL Ly limit abs, z=2.896,1874
0302–452	C25.29	3 2 20.4 –45 15 16	3 4 5.99 –45 3 37.2	17.3			1.0			2277	2277				
0302–223 X	1E	3 2 36.1 –22 23 34	3 4 50.17 –22 11 56.9	16.0	0.00		1.400*		1.0096 0.4196	1265	1265			2075 2263	1265ubv, 1113sp,1941uv 117 arcmin from NGC 1232, 1650,2118
0303–015 O		3 3 10.0 –1 32 5	3 5 42.55 –1 20 30.3	18.2			0.606			2216 2274	2216 2274				
0303–028 O		3 3 17.5 –2 51 48	3 5 48.93 –2 40 13.6	18.5			1.264			2216 2274	2216 2274				
0303+011 C	US 3654	3 3 37.7 1 10 24	3 6 12.52 1 21 57.2	17.6			1.332	C IV 1549 C III 1909 Mg II 2798		1303 1429	1429				
0303–026 O		3 3 51.9 –2 41 27	3 6 23.47 –2 29 54.4	18.5			0.686			2216 2274	2216 2274				
0304–392 O		3 4 18 –39 17 39	3 6 12.36 –39 6 6.7	17.6			1.965	H I 1216 N V 1240 Si II 1263 O I 1304 C II 1335 C IV 1549 C III 1909		478	1138 478				846rnd,2020sp 4.9arcmin from NGC 1217,2118
0305+014 O		3 5 28.3 1 27 52	3 8 3.38 1 39 19.4	18.4			2.149			2216 2274	2216 2274				
0305+023 O		3 5 38.3 2 22 56	3 8 14.16 2 34 22.8	17.9			0.590			2216 2274	2216 2274				
0305+172 O		3 5 45.9 17 12 12	3 8 34.82 17 23 38.0	20.4			2.40	H I 1216 C IV 1549		1439	1439				
0306+169 O		3 6 6.7 16 54 23	3 8 55.36 17 5 47.9	20.3			2.14	H I 1216 C IV 1549		1439	1439				15.5 arcmin from 3C 79, 2118
0306+011 O		3 6 20.7 1 9 48	3 8 55.53 1 21 12.6	18.3			0.585			2216 2274	2216 2274				
0306+102 BL Lac R X	OE 110 PKS	3 6 21.08 10 17 48	3 9 3.78 10 29 12.3	18 *	.45	–.40				652		730 755 1802	837 955 1086 1557		652ubv,955, 2112x,1012ir, 1013phot, 652sp,1789mm IRAS source, 1806
0306–350	A25.02	3 6 58.0 –35 1 48	3 8 57.63 –34 50 24.3	18.0			1.4			2277	2277				
0307–002 O		3 7 5.8 –0 15 3	3 9 39.42 –0 3 40.8	17.4			0.770			2216 2274	2216 2274				
0307+444 R	4C 44.07	3 7 9.28 44 24 27.6	3 10 31.21 44 35 48.1	18.8			1.165	C IV 1549 C III 1909 Mg II 2798		507	538		1111 1976		
0307+023 O	PC	3 7 15.4 2 22 0	3 9 51.26 2 33 21.6	20.39			4.373	H I 1216 N V 1240 O IV 1402 C IV 1549		2014	2014				2014rmag
0307+172 O		3 7 28.9 17 16 37	3 10 17.99 17 27 57.5	19.2			2.28	H I 1216 C IV 1549		1439	1439				22.4 arcmin from 3C 79, 2118
0307–009 O		3 7 30.0 –0 58 8	3 10 3.01 –0 46 47.1	17.9			2.106			2216 2274	2216 2274				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0307+008		3 7 45.4	3 10 19.95	18.0			1.386			2216	2216				
O		0 49 50	1 1 10.1							2274	2274				
0307–020		3 7 46.9	3 10 19.02	18.3			0.207			2274	2274				
O		–2 0 1	–1 48 40.9												
0307–195	UM 680	3 7 50.7	3 10 7.15	18.6			2.144*	H I 1216	2.1228	1025	1025			1114	
O	A	–19 31 47	–19 20 26.6					N V 1240	2.0919					2228	
								C IV 1549	2.0353					2263	
									1.7042						
									1.5623						
									1.5265						
0307–195	UM 681	3 7 53.4	3 10 9.83	19.1			2.122*	H I 1216	2.1220	1025	1025			1114	58 arcsec from
O	B	–19 32 28	–19 21 7.8					N V 1240	2.0323					2228	UM 680,1114
								C IV 1549	1.7885					2263	
0308–375	A25.03	3 8 6.1	3 10 2.22	17.7			0.40			2277	2277				
		–37 34 40	–37 23 19.8												
0308+000	PC	3 8 11.0	3 10 44.87	20.49			0.955	Mg II 2798		1517	1517				
O		0 2 21.6	0 13 40.3												
0308–193	UM 682	3 8 11.9	3 10 28.50	18.3			2.756	H I 1216		1025	1874				
O		–19 20 46	–19 9 26.8					N V 1240			1025				
								Si IV 1397			2281				
								O IV 1402							
								C IV 1549							
0308–199	MC	3 8 17.65	3 10 33.61	19.0			0.91 +	C III 1909		1704	1848			1848	
R		–19 59 56.0	–19 48 37.1					Mg II 2798			1704				
0308+014		3 8 50.7	3 11 25.82	18.5			2.335			2216	2216				
O		1 29 43	1 40 59.6							2274	2274				
0308+190		3 8 51.87	3 11 42.73	18.6			2.839*	H I 1216	2.4945	1440	1440			1874	1685sp
O		19 2 24.3	19 13 40.3					N V 1240	1.0499		1874			2263	Ly alpha abs,
								Si IV 1397			2281				1685
								O IV 1402							
								C IV 1549							
0308–420		3 8 58.6	3 10 48.05	17.6	.30		0.581			1799	1799				76.33 arcmin
O		–42 4 37	–41 53 19.5												from NGC 1291,
															1799,2118
0309+017		3 9 14.6	3 11 49.93	18.3			1.324			2216	2216				
O		1 43 54	1 55 9.3							2274	2274				
0309–403		3 9 48.0	3 11 39.95	18.5	.20		1.729			1799	1799				69.33 arcmin
O		–40 19 48	–40 8 33.2												from NGC 1291,
															1799,2118
0310+013	PKS	3 10 8.6	3 12 43.62	17.5			0.664	Mg II 2798			044		023		pos & B(J)mag,
R	OE 017	1 22 4.1	1 33 16.5					Ne V 3426					1888		2274
0310–552	MZZ 4347	3 10 37.6	3 12 0.29	19.79*			2.425*	H I 1216	2.399	1821	1821	1821		2233	1821Jmag
C		–55 13 36	–55 2 23.0					N V 1240			2233				
								Si IV 1397							
								O IV 1402							
								C IV 1549							
								C III 1909							
0310–438	C26.05	3 10 53.0	3 12 39.28	19.2			2.66			2277	2277				
		–43 50 11	–43 38 59.5												
0311–554	MZZ 8104	3 11 29.2	3 12 50.98	19.86*			(0.641)	Mg II 2798		1821	1821	1821			1821Jmag
C		–55 28 38	–55 17 27.8								2233				
0311–554	MZZ 7801	3 11 57.8	3 13 19.50	19.83			2.166	H I 1216		1821	1821				1821Jmag
C		–55 27 26	–55 16 17.4					N V 1240			2233				
								Si IV 1397							
								O IV 1402							
								C IV 1549							
								C III 1909							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0311–555 O	MZZ 9854	3 11 59.8 –55 31 56	3 13 21.28 –55 20 47.5	20.78*			2.706+	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		1821	1821 2233	1821		2233	1821Jmag
0312–556 C	MZZ 9770	3 12 12.9 –55 37 52	3 13 34.06 –55 26 44.2	17.63			0.987	C III 1909 Mg II 2798		1821	1821 2233				1821Jmag
0312–555 O	MZZ 9744	3 12 17.0 –55 32 46	3 13 38.37 –55 21 38.4	21.52			(2.784+	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		1821	2233				2233BAL?
0312–553 C	MZZ 5571	3 12 24.9 –55 22 56	3 13 46.67 –55 11 48.8	20.30			1.663	C IV 1549 C III 1909		1821	1821 2233				20.30Jmag
0312–555 C	MZZ 7584	3 12 34.2 –55 31 9	3 13 55.56 –55 20 2.3	20.96			1.005	Mg II 2798		1821	1821 2233				1821Jmag
0312–551 C	MZZ 1807	3 12 37.1 –55 8 24	3 13 59.46 –54 57 17.5	20.64			1.620	C IV 1549 C III 1909		1821	1821 2233				1821Jmag
0312–551 C	MZZ 3507	3 12 39.1 –55 11 3	3 14 1.33 –54 59 56.6	20.48*			(0.841+	Mg II 2798		1821	1821 2233	1821		2233	1821Jmag
0312–555 O	MZZ 9592	3 12 43.7 –55 31 57	3 14 4.98 –55 20 50.8	21.85			2.710*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.725 2.666	1821	2233			2233	2233BAL
0312–556 O	MZZ 9554	3 12 51.1 –55 37 2	3 14 12.11 –55 25 56.2	21.38			1.821	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1821	2233				
0312–034 R	PKS 4C 03.11	3 12 52.04 –3 27 49.8	3 15 22.85 –3 16 46.2	18.3			1.072	C IV 1549 C III 1909		026	436		789 1476 1877		052fc
0312–409 O		3 12 54.1 –40 54 32	3 14 44.67 –40 43 27.2	17.6	.70		0.864			1799	1799				31.33 arcmin from NGC 1291, 1799,2118
0312–770 R X	PKS	3 12 55.7 –77 3 1	3 11 54.75 –76 51 51.6	16.10	.16	–.77	0.223	O II 3727 NeIII 3869 NeIII 3968 H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		495	493		023 493 1966		761,1109, 1304sp,780, 886,938, 1617ir,912, 1781x,1222elp, 1485ubv, 1526vlbi,1701, 1941,2061uv, 1898pos, 1942uvvar, 2100FeIIem, 2145imag v=15.5,1898
0313–555 C	MZZ 7430	3 13 11.0 –55 31 5	3 14 32.19 –55 20 0.3	21.92			1.262	C III 1909 Mg II 2798		1821	1821 2233				1821Jmag
0313–554 O	MZZ 7417	3 13 14.6 –55 25 8	3 14 36.04 –55 14 3.5	21.04			1.709	C IV 1549 C III 1909		1821	2233				
0313–555 C	MZZ 7409	3 13 17.4 –55 31 11	3 14 38.55 –55 20 6.7	18.73			1.045	C III 1909 Mg II 2798		1821	1821 2233				1821Jmag
0313–550 C	MZZ 1590	3 13 20.6 –55 4 32	3 14 42.93 –54 53 27.9	20.61			2.441	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1821	1821 2233				1821Jmag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0313-551 O	MZZ 1558	3 13 29.4 -55 8 18	3 14 51.52 -54 57 14.4	21.64			1.829	C IV 1549 C III 1909		1821	2233				
0313-552 O	MZZ 3222	3 13 45.9 -55 16 0	3 15 7.60 -55 4 57.2	21.23			1.315	C III 1909 Mg II 2798		1821	2233				
0313-557 O	MZZ 11552	3 13 46.1 -55 44 15	3 15 6.53 -55 33 12.2	21.66			2.058	H I 1216 C IV 1549		1821	2233				
0313+344 R	4C 34.13 OE 323 B2	3 13 46.22 34 26 19.5	3 16 54.57 34 37 18.9	18.5			1.156	C IV 1549 C III 1909 Mg II 2798		033	032		462 774		1320rpol
0313-553 O	MZZ 5250	3 13 49.8 -55 20 31	3 15 11.28 -55 9 28.4	21.16			1.192	C IV 1549 C III 1909		1821	2233				
0313-552 C	MZZ 3156	3 13 58.3 -55 13 37	3 15 20.05 -55 2 34.9	20.34*			1.358	C III 1909 Mg II 2798		1821	1821 2233	1821			1821Jmag
0313-557 C	MZZ 11484	3 13 58.8 -55 44 57	3 15 19.13 -55 33 54.9	20.84			1.021	C III 1909 Mg II 2798		1821	1821 2233				1821Jmag
0314-553 C	MZZ 5177	3 14 7.6 -55 21 30	3 15 28.96 -55 10 28.4	21.90*			2.161	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1821	1821 2233	1821			1821Jmag
0314-556 O	MZZ 11408	3 14 13.7 -55 41 6	3 15 34.14 -55 30 4.7	22.00			1.735	C IV 1549 C III 1909		1821	2233				
0314-380 O		3 14 18.6 -38 1 43	3 16 13.16 -37 50 43.0	17.3	.10		0.484			1799	1799				345 kpc from Fornax Cl, 1799
0314-372	A25.07	3 14 19.7 -37 15 38	3 16 15.33 -37 4 38.1	18.1			1.12			2277	2277				
0314-556 O	MZZ 11326	3 14 27.1 -55 40 4	3 15 47.52 -55 29 3.5	21.85			0.464	Mg II 2798		1821	2233				
0314-555 O	MZZ 9085	3 14 28.0 -55 33 47	3 15 48.71 -55 22 46.5	21.40			0.409	Mg II 2798		1821	2233				
0314-554 O	MZZ 7114	3 14 28.8 -55 29 13	3 15 49.71 -55 18 12.6	20.91			0.808	Mg II 2798		1821	2233				
0314-550 O	MZZ 1246	3 14 36.7 -55 5 24	3 15 58.64 -54 54 24.0	21.36			1.132	C III 1909 Mg II 2798		1821	2233				
0314-552 O	MZZ 2994	3 14 40.7 -55 13 49	3 16 2.25 -55 2 49.2	21.87			(2.735)	H I 1216 N V 1240		1821	2233				
0314-554 O	MZZ 7030	3 14 44.9 -55 26 40	3 16 5.85 -55 15 40.5	21.65			0.636	Mg II 2798 Ne V 3426 O II 3727		1821	2233				
0314-551 O	MZZ 2954	3 14 50.8 -55 10 10	3 16 12.46 -54 59 10.8	20.37*			2.744	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		1821	1821	1821 2233			20.37Jmag
0314-553 C	MZZ 5026	3 14 51.6 -55 19 47	3 16 12.83 -55 8 47.8	19.92			1.721	C IV 1549 C III 1909		1821	1821 2233				1821Jmag
0315-550 C	MZZ 1098	3 15 5.9 -55 3 54	3 16 27.77 -54 52 55.6	21.97			2.208	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1821	1821 2233				1821Jmag
0315-550 C	MZZ 1096	3 15 6.2 -55 3 35	3 16 28.09 -54 52 36.6	21.92			2.455	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1821	1821 2233				1821Jmag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0315–555 O	MZZ 6917	3 15 9.4 –55 30 10	3 16 30.08 –55 19 11.8	21.92			(1.254)	C III 1909 Mg II 2798		1821	2233				
0315–553 O	MZZ 4959	3 15 10.7 –55 23 26	3 16 31.68 –55 12 27.9	21.59			2.536*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.536	1821	2233			2233	
0315–463	C26.07	3 15 13.2 –46 20 21	3 16 54.27 –46 9 23.6	18.3			2.45			2277	2277				
0315–552 O	MZZ 2851	3 15 13.5 –55 14 48	3 16 34.85 –55 3 50.0	21.91			0.981	Mg II 2798		1821	2233				
0315–557 C	MZZ 10978	3 15 13.6 –55 43 36	3 16 33.64 –55 32 38.0	21.69*			1.658	C IV 1549 C III 1909		1821	1821 2233	1821			1821Jmag
0315–553 O	MZZ 4935	3 15 15.2 –55 20 30	3 16 36.29 –55 9 32.1	21.90			1.876	C IV 1549 C III 1909		1821	2233				
0315–552 O	MZZ 4926	3 15 16.9 –55 17 35	3 16 38.11 –55 6 37.2	21.69			0.854	Mg II 2798		1821	2233				
0315–556 C	MZZ 8807	3 15 24.1 –55 38 6	3 16 44.35 –55 27 8.6	19.92			1.879	Si IV 1397 C IV 1549 C III 1909		1821	1821 2233				1821Jmag
0315–553 C	MZZ 4875	3 15 29.3 –55 22 7	3 16 50.25 –55 11 9.9	17.91			2.531*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.574	1821	1821 2233			2233	1821Jmag
0315–555 O	MZZ 8770	3 15 30.3 –55 33 22	3 16 50.73 –55 22 24.9	20.91			2.768	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		1821	2233				
0315–556 O	MZZ 10845	3 15 31.2 –55 41 1	3 16 51.28 –55 30 4.0	21.15			2.201	H I 1216 N V 1240 C IV 1549		1821	2233				
0315–550 C	MZZ 921	3 15 36.7 –55 1 58	3 16 58.52 –54 51 1.3	20.83			1.972	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1821	1821 2233				1821Jmag
0315–550 C	MZZ 917	3 15 36.9 –55 1 19	3 16 58.75 –54 50 22.3	19.87*			1.530	C IV 1549 C III 1909		1821	1821 2233	1821			1821Jmag
0315–556 C	MZZ 8668	3 15 45.6 –55 38 15	3 17 5.74 –55 27 18.8	20.64			2.105+	H I 1216 N V 1240 C IV 1549 C III 1909		1821	8121 2233			2233	1821Jmag
0315–554 O	MZZ 6708	3 15 52.7 –55 24 56	3 17 13.41 –55 14 0.2	20.26*			2.498+	N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1821	1821 2233	1821			1821Jmag, 1821BAL
0316–552 C	MZZ 4691	3 16 5.7 –55 16 38	3 17 26.73 –55 5 42.9	20.64			0.636	Mg II 2798		1821	1821 2233				1821Jmag
0316–346 O		3 16 7.6 –34 37 31	3 18 6.51 –34 26 37.1	15.2	.10		0.265			1799	1799				544 kpc from Fornax Cl, 1799
0316–555 O	MZZ 8555	3 16 7.8 –55 35 13	3 17 27.98 –55 24 18.0	21.26			2.552*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.526	1821	2233			2233	

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0316–203 R	MC	3 16 10.21 –20 23 12.0	3 18 25.23 –20 12 18.8	19.5			2.869*	Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798	2.9035 2.5245 2.1330 1.4026 1.3285 1.1083 0.9942	673	1874 673 2281		1818 1891 1966 2162	673 1874 2228 2263	1704fc, 2266imag
0316–555 O	MZZ 8525	3 16 12.4 –55 31 20	3 17 32.73 –55 20 25.3	17.97			0.406	Mg II 2798 H I 4340 H I 4861		1821	2233				
0316–451	C25.12	3 16 17.7 –45 9 39	3 18 0.69 –44 58 45.2	17.9			1.66			2277	2277				
0316–552 O	MZZ 4609	3 16 23.2 –55 17 23	3 17 44.12 –55 6 28.9	21.88			0.806	Mg II 2798 Ne V 3426 O II 3727		1821	2233				
0316–557 O	MZZ 15000	3 16 23.2 –55 42 26	3 17 42.97 –55 31 31.8	18.87			1.414	C IV 1549 C III 1909 Mg II 2798		1821	1821 2233				1821Jmag
0316–417 O		3 16 36.0 –41 43 27	3 18 24.68 –41 32 34.4	19.7	.70		0.538			1799	1799				20.5 arcmin from NGC 1291, 1799,2118
0316–555 C	MZZ 6346	3 16 58.6 –55 30 54	3 18 18.74 –55 20 1.8	17.56			0.871	Mg II 2798		1821	1821 2233				1821Jmag
0317+185 BL Lac X R	1E	3 17 1.4 18 35 24.4	3 19 52.36 18 46 13.6	18.12*						1233		1895 2073	2083		1481sp,1233, 1764,2107, 2112x,1481pol 0.190zgal, 1233
0317–198 X	1E	3 17 54 –19 49 0	3 20 9.47 –19 38 12.5	18.56			1.00			1696	1696				31 arcsec from anon gal,0.101 zgal,17.4vgal, 1696,2118
0317–023 R	4C 02.15 PKS OE 030	3 17 56.5 –2 19 24	3 20 28.26 –2 8 37.2	19.5			2.092	Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 C III 1909		026	084		775 789 1877		3.8arcmin from NGC 1298,2118
0318–196 X		3 18 5.5 –19 37 18	3 20 21.15 –19 26 31.2	14.86*	1.04	.86	0.104			1314	1314				1209imag, 1316sp, 1941uvnd 10 arcmin from NGC 1300,1314, 2118
0319–409 O		3 19 50.9 –40 58 16	3 21 40.23 –40 47 34.2	18.8			2.34	H I 1216 N V 1240 C IV 1549		478	478				846rnd
0320–446	C26.09	3 20 14.3 –44 38 35	3 21 57.46 –44 27 54.4	18.7			2.08			2277	2277				
0320–407 O		3 20 29.3 –40 42 1	3 22 18.95 –40 31 21.4	18.5	.40		0.374			1799	1799				57.7 arcmin from NGC 1291, 1799,2118
0321–421 O		3 21 37.9 –42 8 45	3 23 25.05 –41 58 9.2	17.4	.50		1.807+			1799	1799				1799BAL 75.17 arcmin from NGC 1291, 1799,2118
0321–337 O		3 21 40 –33 44 40	3 23 39.35 –33 34 4.7	17.81	.30	–1.07	1.978+	H I 1216 C IV 1549		409 1799	409 1799				1485ubv, 1799BAL 482 kpc from Fornax Cl, 1799;

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0321–397 O		3 21 50.1 –39 45 38	3 23 40.98 –39 35 3.0	17.6	.60		1.088			1799	1799				99.67 arcmin from NGC 1291, 1799,2118
0321–374 O		3 21 59.2 –37 26 31	3 23 53.47 –37 15 56.6	17.4	.20		2.246			1799	1799				70 kpc from Fornax Cl, 1799
0323–381 O		3 23 1.3 –38 7 31	3 24 54.44 –37 57 0.1	17.6	.20		0.341			1799	1799				258 kpc from Fornax Cl, 1799
0323+022 BL Lac X R	H	3 23 38.04 2 14 47.2	3 26 13.92 2 25 14.7	17.48*	.50	–.50				1321		1454	1321 1454		1321ubv, 1321ir, 1321xvar, 1253imag,1321, 1454,2107, 2112x,1475mf, 1454,1988, 2062pol, 1679uv 0.147zgal, 1454,1515; 26.62 arcmin from 3C 88, 2118; 1902avg Bmag
0324–407 O		3 24 29.3 –40 47 11	3 26 18.18 –40 36 45.0	17.6			3.056*	H I 1216 N V 1240 Si II 1263 O I 1304 Si IV 1397	2.9326 2.89 2.82 2.8064 2.4405 2.4346	330	331 430 478 535			535 911 2228	1208,1514BAL, 1847ir,597, 911sp,846, 1213rnd z(abs) 2.84–2.80 and 2.91–2.86,535;
0326–345	A26.09	3 26 45.0 –34 30 23	3 28 42.71 –34 20 5.0	17.9			1.35			2277	2277				
0326+277 R	DW	3 26 56 27 46 18	3 29 57.62 27 56 33.3	17.5			1.533	C IV 1549 He II 1640 C III 1909		081	458				1526vlbi
0326–403 O		3 26 57.6 –40 22 50	3 28 46.73 –40 12 32.4	18.3			2.10 +	C IV 1549 C III 1909		478	478			478	
0328–462	C26.31	3 28 10.4 –46 16 40	3 29 49.08 –46 6 26.3	19.2			2.08			2277	2277				
0328–466	C26.13	3 28 32.2 –46 36 8	3 30 10.19 –46 25 55.5	19.3			3.10			2277	2277				
0329–255 R	PKS	3 29 0.48 –25 34 53.2	3 31 8.95 –25 24 43.3	17.51	.31	–.68	2.689*	H I 1216 N V 1240 Si II 1263 Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.4550	493	1872 493		1518 1966	493 1872 2020 2228 2263	761,1304, 2020sp, 1485ubv, 1526vlbi
0329–378 O		3 29 3.2 –37 48 56	3 30 55.94 –37 38 45.8	16.2	.20		1.745			1799	1799				246 kpc from Fornax Cl, 1799
0329–385 O R		3 29 13.8 –38 34 13	3 31 5.39 –38 24 3.4	16.92	.71	–.57	2.423	H I 1216 N V 1240 O IV 1402 C IV 1549		409	409 478		846 904		1485ubv, 1983ir
0330–367 O		3 30 13.9 –36 45 3	3 32 8.04 –36 34 56.9	16.7	.30		0.648			1799	1799				150 kpc from Fornax Cl, 1799
0331–450	C26.14	3 31 3.7 –45 5 44	3 32 44.09 –44 55 40.4	17.9			2.6			2277	2277				

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0331−053 X	1E	3 31 6.5 −5 22 1.5	3 33 35.31 −5 11 59.6	17.26			0.139	O II 3727 NeIII 3869 H I 4102 H I 4340 H I 4861		1233	1233				1233FeIIem 6.03 arcmin from NGC 1358, 2118
0332−374 O		3 32 18.5 −37 29 43	3 34 11.27 −37 19 44.1	17.4	.40		0.947			1799	1799				333 kpc from Fornax Cl, 1799
0332−403 R	PKS	3 32 25.26 −40 18 24.0	3 34 13.69 −40 8 25.4	18.5			1.445			095 1898	131		387 1966		847,865pos, 1526vlbi,1800, 2103pol
0333−380 O		3 33 0.38 −38 1 6.6	3 34 52.28 −37 51 10.2	18.5			2.213*	N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798	2.162 2.13	1227	1479 1227			1227	1208,1227BAL
0333−377 O		3 33 10.3 −37 46 46	3 35 2.54 −37 36 50.2	18.0	.30		1.130			1799	1799				481 kpc from Fornax Cl, 1799
0333+321 R X	NRAO 140 4C 32.14 OE 355 B2 DA 107 HEAO	3 33 22.42 32 8 36.6	3 36 30.12 32 18 29.2	17.10*			1.258	C III 1909 Mg II 2798		097	097 084	756 875 1203	775 932 1128 1145 1148 1544 1557 1792 1807 1937 1976 2009		801,936,1119, 1173,1225, 1336rvar,952, 990,1334,1466, 1526,1672, 1715,1935, 1953vlbi, 1201pol,818, 932,952,1215, 1935x,750pos, 096,110fc, 1617,1668ir, 1789mm, 1805mmvar, 1841xvar, 2251sp superluminal source,1827, 448,1845; 1902avg ph mag
0333−342 O		3 33 43.0 −34 17 44	3 35 40.16 −34 7 50.2	18.1	.10		0.621			1799	1799				189 kpc from Fornax Cl, 1799
0334−359 O		3 34 2 −35 58 48	3 35 56.76 −35 48 55.3	18			1.985	H I 1216 C IV 1549		409	409				
0334−441 C	QSF5:17	3 34 7.3 −44 6 25	3 35 48.98 −43 56 32.2	20.53		−.74	(0.973)	C III 1909		2058	2058				2058Bmag, 2058ubv
0334−204 O	UM 683	3 34 13.8 −20 29 29	3 36 27.49 −20 19 37.6	19.1			3.132*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	3.0917 3.0432 2.8917 2.1777 1.4893 1.1174	1025	1025 1874 2281			1874 2228 2263	1382mm Ly limit abs, z=3.020,1874, 2247
0334−334 O		3 34 23.9 −33 26 56	3 36 22.13 −33 17 4.7	17.9	.30		1.486			1799	1799				354 kpc from Fornax Cl, 1799
0335−364 R	PKS	3 35 0.0 −36 25 55	3 36 53.98 −36 16 5.7	18.00			1.537	C IV 1549 C III 1909 Mg II 2798		095	1803				1966rnd 10kpc from NGC 1392,1803
0335−444 C	QSF5:10	3 35 16.4 −44 26 13	3 36 57.29 −44 16 24.2	19.96		−.65	1.236	C III 1909		2058	2058				2058Bmag, 2058ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0335-336		3 35 23.91	3 37 21.75	18.5			2.258*	H I 1216	2.239	1227	1479			1227	1208,1227BAL
O		-33 39 2.2	-33 29 14.4					N V 1240	2.18		1227				
								Si IV 1397	2.138						
								O IV 1402							
								C IV 1549							
								C III 1909							
								Mg II 2798							
0335-443	QSF5:15	3 35 24.0	3 37 5.09	20.86		-.31	(1.217)	C III 1909		2058	2058				2058Bmag,
C		-44 18 50	-44 9 1.7												2058ubv
0335-431	C27.07	3 35 24.0	3 37 7.16	18.1			2.58			2277	2277				
		-43 10 1	-43 0 12.7												
0335-350		3 35 25.3	3 37 21.24	19.2	.30		0.321			1314	1314				
X		-35 1 25	-34 51 37.2												
0335-122	PKS	3 35 33.64	3 37 55.73	19.8			3.45	H I 1216			1313		762		
R		-12 13 58.6	-12 4 12.2					C IV 1549			1593		1518		
													2162		
0335-441	QSF5:12	3 35 33.8	3 37 15.09	18.94		-.77	(0.525)	Mg II 2798		2058	2058				2058Bmag,
C		-44 11 20	-44 1 32.3												2058ubv
0335-444	QSF5:18	3 35 33.9	3 37 14.80	19.60		-.76	1.410	C III 1909		2058	2058				2058Bmag,
C		-44 24 7	-44 14 19.2												2058ubv
0335-362		3 35 43.1	3 37 37.24	18.3	.30		2.015			1799	1799				30 kpc from
O		-36 15 52	-36 6 5.2												Fornax Cl,
															1799
0335-440	QSF5:36	3 35 54.0	3 37 35.53	19.12		-.38	1.294	C III 1909		2058	2058				2058Bmag,
C		-44 1 36	-43 51 49.5												2058ubv
0335-353		3 35 59.2	3 37 54.55	19.8	-.20		1.002			1314	1314				15 arcmin from
X		-35 23 30	-35 13 44.2												NGC 1399,1314,
															2118
0336-444	QSF5:04	3 36 3.8	3 37 44.48	20.32		-1.13	1.866	C IV 1549		2058	2058				2058Bmag,
C		-44 28 37	-44 18 51.0					C III 1909							2058ubv
0336-444	QSF5:01	3 36 21.7	3 38 2.47	20.01		-.34	0.297			2058	2058				2058Bmag,
C		-44 24 0	-44 14 15.1												2058ubv,
															2058neml
0336-441	QSF5:19	3 36 28.4	3 38 9.54	20.16		-.99	1.940	C IV 1549		2058	2058				2058Bmag,
C		-44 11 19	-44 1 34.5												2058ubv
0336-443	QSF5:09	3 36 36.3	3 38 17.19	18.20		-.69	0.673	Mg II 2798		2058	2058				2058Bmag,
C		-44 18 50	-44 9 5.9												2058ubv
0336-439	QSF5:35	3 36 42.5	3 38 24.01	20.64		-.46	2.174+	C III 1909		2058	2058				2058Bmag,
C		-43 57 59	-43 48 15.3												2058ubv,
															2058BAL
0336-442	QSF5:42	3 36 49.0	3 38 29.90	21.20		-.53	1.456	C IV 1549		2058	2058				2058Bmag,
C		-44 17 26	-44 7 42.7					C III 1909							2058ubv
0336-442	QSF5:33	3 36 49.2	3 38 30.17	20.96		-.20	0.195			2058	2058				2058Bmag,
C		-44 15 3	-44 5 19.7												2058ubv,
															2058neml
0336-359		3 36 52.3	3 38 46.75	18.1	.30		2.012			1799	1799				68 kpc from
O		-35 56 59	-35 47 16.3												Fornax Cl,
															1799

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0336–019 R X	PKS CTA 26 DA 110 OE 063 GC	3 36 58.91 –1 56 16.3	3 39 30.90 –1 46 35.3	17.60*	.55	–.82	0.852	C III 1909 Mg II 2798		055	026 436	055 756 875 1068 1902 2054	128 789 955 1399 1557 1888		055ubv,900, 1988,2062, 2103pol,936, 1119rvar,955, 1241x,1399ir, 847pos, 1526vlbi,057, 1478fc, 1805mmvar, 1852phot, 1789mm IRAS source, 1806 1902avg ph mag
0337–443 C	QSF5:44	3 37 0.4 –44 21 57	3 38 41.13 –44 12 14.4	18.34		–.37	1.364	C III 1909		2058	2058				2058Bmag, 2058ubv
0337–444 C	QSF5:40	3 37 1.4 –44 28 47	3 38 41.91 –44 19 4.4	21.20		–.90	0.900	C III 1909		2058	2058				2058Bmag, 2058ubv
0337–445 C	QSF5:48	3 37 1.6 –44 33 34	3 38 41.97 –44 23 51.4	20.62		–.36	1.090	C III 1909		2058	2058				2058Bmag, 2058ubv
0337–441 C	QSF5:39	3 37 6.4 –44 11 54	3 38 47.42 –44 2 11.7	20.81		–.82	1.609	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
0337–439 C	QSF5:31	3 37 17.7 –43 59 5	3 38 59.08 –43 49 23.4	18.85		–.75	0.912	Mg II 2798		2058	2058				2058Bmag, 2058ubv
0337–443 C	QSF5:23	3 37 37.6 –44 21 29	3 39 18.24 –44 11 48.6	20.87		–.61	1.661	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
0337–444 C	QSF5:47	3 37 38.9 –44 28 11	3 39 19.33 –44 18 30.6	20.67		–.62	0.371			2058	2058				2058Bmag, 2058ubv, 2058neml
0338–443 C	QSF5:20	3 38 6.1 –44 22 12	3 39 46.64 –44 12 33.3	20.51		–.77	1.733	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
0338–443 C	QSF5:25	3 38 6.1 –44 18 32	3 39 46.75 –44 8 53.3	20.96		–.53	1.762	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
0338–405 O		3 38 9.6 –40 30 16	3 39 56.87 –40 20 37.7	18.3			2.08	C IV 1549		478	478				
0338–394 O		3 38 11.9 –39 24 23	3 40 0.94 –39 14 44.9	18.4			2.59	H I 1216 N V 1240 C IV 1549		478	478				846rnd
0339–450 C	QSF1:05	3 39 3.8 –45 2 51	3 40 42.91 –44 53 15.7	20.98		–.55	0.346	O II 3727		1878 2058	1878 2058				1878Bmag, 2058neml
0339–441 C	QSF3:29	3 39 17.7 –44 11 52	3 40 58.36 –44 2 17.5	20.84		–1.14	1.522	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
0339–450 C	QSF1:03	3 39 18.1 –45 2 7	3 40 57.19 –44 52 32.5	20.86		–.75	1.072	C III 1909 Mg II 2798		1878 2058	1878 2058				1878Bmag
0339–450 C	QSF1:01	3 39 26.2 –45 5 53	3 41 5.15 –44 56 19.0	18.73		–.60	2.268	H I 1216 Si IV 1397 C IV 1549		1878 2058	1878 2058				1878Bmag
0339–445 C	QSF3:35	3 39 27.4 –44 32 57	3 41 7.38 –44 23 23.1	20.93		–.40	1.531	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
0339–449 C	QSF1:19	3 39 42.4 –44 58 51	3 41 21.52 –44 49 18.0	20.48		–.58	1.146	C III 1909 Mg II 2798		1878 2058	1878 2058				1878Bmag
0339–451 C	QSF1:04	3 39 47.4 –45 8 15	3 41 26.21 –44 58 42.3	19.75		–.52	2.049	H I 1216 N V 1240 C IV 1549		1878 2058	1878 2058				1878,2058Bmag, 2058ubv
0339–445 C	QSF3:36	3 39 47.7 –44 35 0	3 41 27.56 –44 25 27.3	19.48		–.76	0.794	Mg II 2798		2058	2058				2058Bmag, 2058ubv
0339–448 C	QSF1:17	3 39 48.1 –44 52 0	3 41 27.43 –44 42 27.3	20.61		–.54	1.745	C IV 1549		1878 2058	1878 2058				1878Bmag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0339-366		3 39 48.1	3 41 41.17	17.6	.20		1.402			1799	1799				66 kpc from
O		-36 38 45	-36 29 12.7												Fornax Cl,
															1799
0339-448	QSF1:22	3 39 49.4	3 41 28.71	20.71		-.28	0.360	O II 3727		1878	1878				1878Bmag,
C		-44 52 27	-44 42 54.4					O III 5007		2058	2058				2058neml
0339-443	QSF3:27	3 39 58.4	3 41 38.68	20.42		-.62	(1.895)	C IV 1549		2058	2058				2058Bmag,
C		-44 20 37	-44 11 5.0												2058ubv
0339-442	QSF3:15	3 39 59.5	3 41 39.93	20.91		-.25	0.268			2058	2058				2058Bmag,
C		-44 15 38	-44 6 6.0												2058ubv,
															2058neml
0340-440	QSF3:18	3 40 2.5	3 41 43.39	20.50		-.26	1.514	C IV 1549		2058	2058				2058Bmag,
C		-44 0 40	-43 51 8.2					C III 1909							2058ubv
0340-451	QSF1:10	3 40 10.3	3 41 48.98	19.57		-.23	0.312	O II 3727		1878	1878				1878Bmag,
C		-45 10 20	-45 0 48.6					O III 5007		2058	2058				2058neml
0340-440	QSF3:12	3 40 12.0	3 41 52.77	19.31		-1.35	1.751	C IV 1549		2058	2058				2058Bmag,
C		-44 3 38	-43 54 6.8					C III 1909							2058ubv
0340-372	PKS	3 40 13.27	3 42 5.43	18.6			0.284	Mg II 2798		1861	1861		1861		
R		-37 12 53.4	-37 3 22.6					O II 3727							
								NeIII 3869							
0340-444	QSF3:31	3 40 15.8	3 41 55.86	19.48		-.74	1.792	C IV 1549		2058	2058				2058Bmag,
C		-44 26 8	-44 16 37.0					C III 1909							2058ubv
0340-443	QSF3:32	3 40 16.6	3 41 56.73	20.13		-.45	1.480	C IV 1549		2058	2058				2058Bmag,
C		-44 23 45	-44 14 14.0					C III 1909							2058ubv
0340-442	QSF3:13	3 40 23.2	3 42 3.64	19.16		-.72	0.633	Mg II 2798		2058	2058				2058Bmag,
C		-44 13 15	-44 3 44.4												2058ubv
0340-453	QSF1:12	3 40 33.9	3 42 12.16	20.01		-.29	2.212	H I 1216		1878	1878				1878Bmag
C		-45 21 29	-45 11 59.0					N V 1240		2058	2058				
								C IV 1549							
								C III 1909							
0340-443	QSF3:34	3 40 39.9	3 42 20.10	21.04		-.51	0.246			2058	2058				2058Bmag,
C		-44 19 40	-44 10 10.4												2058ubv,
															2058neml
0340-441	QSF3:10	3 40 41.8	3 42 22.28	20.21		-.25	0.598	Mg II 2798		2058	2058				2058Bmag,
C		-44 10 35	-44 1 5.6												2058ubv
0340-440	QSF3:19	3 40 44.2	3 42 24.85	20.19		-.44	0.860	Mg II 2798		2058	2058				2058Bmag,
C		-44 4 37	-43 55 7.7												2058ubv
0340-452	QSF1:16	3 40 45.8	3 42 24.29	21.18		-.44	2.000	H I 1216		1878	1878				1878Bmag
C		-45 13 3	-45 3 33.7					C IV 1549		2058	2058				
								He II 1640							
0340-450	QSF1:34	3 40 50.1	3 42 28.83	18.96		-.47	2.004+	H I 1216		1878	1878				1878Bmag,
C		-45 5 27	-44 55 58.0					N V 1240		2058	2058				2058BAL
								Si IV 1397							
								C IV 1549							
0340+048	3CR 93	3 40 51.54	3 43 30.00	17.73*	.35	-.50	0.357	Mg II 2798		136	137	136	789		136,323ubv,
R	PKS	4 48 21.7	4 57 48.6					NeIII 3869				875	1086		323,1201pol,
	OE 069							H I 4861				1068	1804		1172ir
	4C 04.13							O III 4959				1902	1888		1902avg ph mag
	NRAO 144							O III 5007							
	GC														
0340-440	QSF3:05	3 40 54.5	3 42 35.24	20.44		-.71	1.466	C IV 1549		2058	2058				2058Bmag,
C		-44 0 46	-43 51 17.3					C III 1909							2058ubv
0340-452	QSF1:11	3 40 57.8	3 42 36.29	19.06		-.23	0.182	O II 3727		1878	1878				1878Bmag,
C		-45 12 6	-45 2 37.5					H I 4861		2058	2058				2058neml
								O III 4959							
								O III 5007							
0340-442	QSF3:39	3 40 58.2	3 42 38.52	20.44		-.61	0.374	Mg II 2798		2058	2058				2058Bmag,
C		-44 14 17	-44 4 48.5												2058ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0341–453 C	QSF1:09	3 41 6.4 –45 20 50	3 42 44.59 –45 11 22.0	20.59		–.23	0.550	Mg II 2798 He II 3203		1878 2058	1878 2058				1878Bmag
0341–441 C	QSF3:08	3 41 7.3 –44 9 24	3 42 47.74 –43 59 56.1	20.90		–.32	0.168			2058	2058				2058Bmag, 2058ubv, 2058neml
0341–447 C	QSF1:37	3 41 11.9 –44 46 19	3 42 51.17 –44 36 51.3	20.34		–.42	0.957	C III 1909 Mg II 2798		1878 2058	1878 2058				1878Bmag
0341–445 C	QSF3:47	3 41 15.8 –44 32 10	3 42 55.51 –44 22 42.6	19.80		–.72	0.893	Mg II 2798		2058	2058				2058Bmag, 2058ubv
0341–440 C	QSF3:01	3 41 23.8 –44 5 12	3 43 4.33 –43 55 45.1	20.77		–.60	0.867	Mg II 2798		2058	2058				2058Bmag, 2058ubv
0341–449 C	QSF1:40	3 41 32.7 –44 58 14	3 43 11.54 –44 48 47.6	18.53		–.77	1.662	C IV 1549 C III 1909		1878 2058	1878 2058				1878Bmag
0341–444 C	QSF3:45	3 41 34.3 –44 29 32	3 43 14.04 –44 20 5.7	21.16		–.83	1.378	C III 1909		2058	2058				2058Bmag, 2058ubv
0341–451 C	QSF1:32	3 41 41.0 –45 10 41	3 43 19.42 –45 1 15.1	20.28		–.51	0.924	C II 2326 Mg II 2798		1878 2058	2058				1878Bmag
0341–450 C	QSF1:29	3 41 43.9 –45 4 26	3 43 22.51 –44 55 0.2	21.14		–.92	(0.566)	Mg II 2798		1878 2058	1878 2058				1878Bmag
0341–442 C	QSF3:40	3 41 48.7 –44 16 1	3 43 28.83 –44 6 35.6	20.40		–.35	1.952	C IV 1549		2058	2058				2058Bmag, 2058ubv
0341–452 C	QSF1:07	3 41 50.7 –45 17 41	3 43 28.86 –45 8 15.6	20.06		–.42	1.615	Si IV 1397 C IV 1549		1878 2058	1878 2058				1878Bmag
0342–451 C	QSF1:31	3 42 0.9 –45 10 55	3 43 39.25 –45 1 30.2	19.78		–.75	0.397	Mg II 2798		1878 2058	1878 2058				1878Bmag
0342–449 C	QSF1:30	3 42 7.2 –44 56 18	3 43 46.01 –44 46 53.6	20.47		–.35	1.827	C IV 1549 C III 1909		1878 2058	2058				1878Bmag
0342–387	B25.09	3 42 10.0 –38 42 5	3 43 59.62 –38 32 41.2	18.7			2.45			2277	2277				
0342–449 C	QSF1:33	3 42 11.5 –44 56 38	3 43 50.28 –44 47 13.9	20.73		–.39	0.182	O II 3727 O III 4959 O III 5007		1878 2058	1878 2058				1878Bmag, 2058neml
0342–450 C	QSF1:36	3 42 13.5 –45 3 4	3 43 52.07 –44 53 40.0	18.46		–.55	1.700	C IV 1549 C III 1909		1878 2058	1878 2058				1878Bmag
0342–250 X		3 42 52 –25 1 41	3 44 59.99 –24 52 20.3	18.8			0.653	H I 4861 O III 5007		1224	1224				1224x
0343–460 C	QSF2:09	3 43 33.2 –46 3 45	3 45 9.57 –45 54 25.8	20.62		–.61	1.557	C IV 1549 C III 1909		1878 2058	2058				1878Bmag
0344–462 C	QSF2:30	3 44 0.0 –46 13 52	3 45 35.95 –46 4 34.4	19.36		–.39	0.847	Mg II 2798		1878 2058	1878 2058				1878Bmag
0344–460 C	QSF2:16	3 44 1.2 –46 1 3	3 45 37.58 –45 51 45.5	19.25		–.46	(0.592)	Mg II 2798		1878 2058	1878 2058				1878Bmag
0344–463 C	QSF2:28	3 44 20.7 –46 21 3	3 45 56.35 –46 11 46.6	19.57		–.72	2.015	H I 1216 C IV 1549 C III 1909		1878 2058	1878 2058				1878Bmag
0344–458 C	QSF2:03	3 44 29.7 –45 52 47	3 46 6.27 –45 43 31.2	19.89		–.62	(1.871)	N V 1240 Si IV 1397 C IV 1549		1878 2058	1878 2058				1878Bmag
0344–461 C	QSF2:15	3 44 32.2 –46 10 21	3 46 8.18 –46 1 5.3	20.40		–.46	1.082	C III 1909 Mg II 2798		1878 2058	1878 2058				1878Bmag
0344–462 C	QSF2:36	3 44 36.1 –46 17 26	3 46 11.83 –46 8 10.5	20.53		–.48	2.293	H I 1216 C IV 1549		1878 2058	1878 2058				1878Bmag
0344–462 C	QSF2:31	3 44 53.9 –46 17 4	3 46 29.59 –46 7 49.6	19.92		–.50	1.340	C III 1909		1878 2058	2058				1878Bmag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0345-462	QSF2:18	3 45 12.1	3 46 47.85	19.53		-1.34	1.699	C IV 1549		1878	1878				1878Bmag
C		-46 13 51	-46 4 37.7					C III 1909		2058	2058				
0345-463	QSF2:29	3 45 13.8	3 46 49.34	19.94		-.63	1.984	H I 1216		1878	1878				1878Bmag
C		-46 19 54	-46 10 40.8					C IV 1549		2058	2058				
0345-463	QSF2:35	3 45 19.3	3 46 54.69	19.02		-.34	0.743	MgVII 2632		1878	1878				1878Bmag
C		-46 23 44	-46 14 31.2					Mg II 2798		2058	2058				
0345-445	C28.03	3 45 25.8	3 47 4.75	17.9			2.47			2277	2277				
		-44 34 55	-44 25 42.7												
0345+015	PC	3 45 27.0	3 48 2.29	21.7			3.636			1698	1698				1698rmag
O		1 30 8	1 39 18.4												
0345-457	QSF2:05	3 45 34.2	3 47 10.76	20.26		-.37	2.494	H I 1216		1878	1878				1878Bmag
C		-45 47 51	-45 38 39.1					C IV 1549		2058	2058				
0345-460	QSF2:39	3 45 55.7	3 47 31.64	19.94		-.36	(1.329)	C III 1909		1878	1878				1878Bmag
C		-46 4 37	-45 55 26.4							2058	2058				
0346-463	QSF2:20	3 46 5.6	3 47 41.02	21.12		-.46	(0.200)			1878	2058				1878Bmag,
C		-46 19 14	-46 10 4.0							2058					2058neml
0346-460	QSF2:44	3 46 16.0	3 47 51.88	20.49		-.73	0.490	Mg II 2798		1878	1878				1878Bmag,
C		-46 4 38	-45 55 28.6					He II 3203		2058	2058				2058QSO?
0346-462	QSF2:26	3 46 20.2	3 47 55.71	20.80		-.38	2.118	H I 1216		1878	1878				1878Bmag
C		-46 15 25	-46 6 15.9					C IV 1549		2058	2058				
0346-462	QSF2:17	3 46 23.0	3 47 58.61	20.51		-.44	2.213	H I 1216		1878	1878				1878Bmag
C		-46 12 1	-46 2 52.0					C IV 1549		2058	2058				
0346-461	QSF2:42	3 46 26.2	3 48 1.83	19.94		-.21	(1.351)	C IV 1549		1878	1878				1878Bmag
C		-46 11 21	-46 2 12.2					C III 1909		2058	2058				
0346-279	PKS	3 46 34.0	3 48 38.12	19.4			0.988	C III 1909		1861	1861		1966		1305ir,1789mm
R		-27 58 20	-27 49 12.6					Mg II 2798							new id in 1861
0347-241	PKS	3 47 4.3	3 49 12.99	19.0			1.885	H I 1216		762	1304		1518		761sp
R		-24 10 14	-24 1 8.6					N V 1240					1966		
								Si II 1263							
								C IV 1549							
0347-450	C28.05	3 47 28.4	3 49 6.11	18.8			2.90			2277	2277				
		-45 3 29	-44 54 24.1												
0347-383		3 47 53.7	3 49 43.18	17.3			3.23 *	H I 1216	3.0252	431	431			478	597,911sp,
O		-38 19 30	-38 10 27.0					N V 1240	2.8487		478			911	846rnd
								Si IV 1397	2.8103					1994	Ly limit abs,
								O IV 1402	2.6508					2059	z=3.02,911,
								C IV 1549	2.5706					2125	1994,2247;
									2.3852					2228	damped Ly
									1.5263					2263	alpha,2243
									1.4581						
0348-450	C28.13	3 48 6.9	3 49 44.43	18.2			2.12			2277	2277				
		-45 5 53	-44 56 50.5												
0348+061	NAB	3 48 36.62	3 51 16.54	17.6			2.059*	H I 1216	2.0330	016	016			016	704,1202pol,
C		6 10 15.5	6 19 14.1					Si IV 1397	2.0237		1872			1872	853rnd,
								O IV 1402	1.9681		2281			1873	1531elp,
								C IV 1549	1.8409					2228	2251sp
									1.7975					2263	
									0.3997						
0348-120	PKS	3 48 49.0	3 51 10.81	19.0			1.520			011	1305		1518		1305ir,
R		-12 2 18	-11 53 19.5										1966		1526vlbi
													1976		
0349-146	MSH 03-19	3 49 9.5	3 51 28.60	16.22	.33	-.56	0.616	Mg II 2798		079	1467		128		003,079,
R	3C 95	-14 38 7	-14 29 9.7					Ne V 3426			098		775		1485ubv,1028,
	PKS										1731		1888		1202pol,799,
	NRAO 147												1891		1617ir,1032,
	OE 181.9												1966		1188sp,1028mm,
															1320rpol,
															1688imag,057,
															244fc

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0350–073	3C 94	3 50 4.02	3 52 30.57	16.70*	.44	–.68	0.962	C III 1909		079	002	212	128		007,299,
R	PKS	–7 19 55.8	–7 11 2.1					Mg II 2798				252	775		1485ubv,004,
	MSH 03–06											290	1586		705,1202pol,
	NRAO 149											875	1891		749pos,799ir,
	OE 083											920			057fc
	GC														1902avg Bmag
	WK														
0350–280		3 50 34.2	3 52 37.86	18.2	.40		0.170			1314	1314				
X		–28 4 38	–27 55 45.4												
0351–378		3 51 18.92	3 53 8.77	18.5			2.939	C IV 1549		1440	1440				
O		–37 49 39.9	–37 40 49.6												
0351–390		3 51 30.9	3 53 18.71	17.9			3.01 +	O VI 1034		431	431			911	846rnd,597,
O		–39 4 46	–38 55 56.4					H I 1216			478				911sp
								N V 1240							
								O I 1304							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
0351+187		3 51 57	3 54 50.15	19			2.71 *	O VI 1034	2.70	476	476			476	
R		18 45 47.7	18 54 33.5					H I 1216							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
0352–275	UM 684	3 52 1.5	3 54 5.70	18.0			2.823*	H I 1216	2.8001	1025	1874			1874	
O		–27 32 55	–27 24 7.8					N V 1240	2.5792		1025			2228	
								Si IV 1397	2.2002		2281			2263	
								O IV 1402	2.1442						
								C IV 1549	1.4051						
0352–164	PKS	3 52 7.94	3 54 25.02	18.0			1.187	C III 1909		296	1251		1251		1966rnd
R		–16 25 8.5	–16 16 22.1					Mg II 2798							
0352+123	PKS	3 52 59.25	3 55 45.60	19.31			1.616*	H I 1216	1.6007	087	436		489	2049	
R	4C 12.17	12 23 3.5	12 31 45.7					C IV 1549	1.4831		2049		1818	2263	
								He II 1640			2281		1891		
								O III 1663					1976		
								C III 1909							
								Mg II 2798							
0353–383		3 53 0.7	3 54 49.57	17.5			1.961*	H I 1216	1.4216	478	478		846	1000	842,2020sp
O		–38 18 36	–38 9 52.0					N V 1240			328		904	1394	
R								O I 1304			2281			2228	
								Si IV 1397						2263	
								O IV 1402							
								N IV 1488							
								C IV 1549							
								He II 1640							
								O III 1663							
								N III 1750							
								C III 1909							
0353+206	UT	3 53 42.1	3 56 37.51	19			1.92	H I 1216		1437	1437				
R		20 41 35	20 50 14.2					C IV 1549							
0354+202		3 54 55.52	3 57 50.47	19			1.728	H I 1216		476	476		1976		
R		20 13 19.2	20 21 53.8					C IV 1549							
0355+079	PKS	3 55 17.5	3 57 59.38	19.5			1.050	C III 1909		296	1304		1518		761sp
R		7 59 49	8 8 22.7					Mg II 2798					1976		
0355–483	PKS	3 55 52.57	3 57 21.99	16.38	.33	–.88	1.005	C III 1909		411	410		1519		736,1485ubv,
R		–48 20 50.2	–48 12 16.2					Mg II 2798		1898					418,761sp,886,
								Ar IV 2854							1617ir,420fc,
															1526vlbi,
															1966rnd
0357+107	1E	3 57 27.1	4 0 11.91	16.78	.30	–.75	0.182	H I 4340		1269	1269				1269ubv,
X		10 46 48	10 55 13.5					H I 4861							1269FeIIem,
								O III 5007							1269x,1207,
								H I 6563							1261imag,1910,
															2047sp
0357–432	C28.16	3 57 59.4	3 59 39.06	17.7			1.51			2277	2277				
		–43 13 40	–43 5 14.3												

1993ApJS...87..451H

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0400+258 R	OF 200 B2 DW CTD 26 GC	4 0 3.7 25 51 45	4 3 5.69 25 59 60.0	18			2.109	H I 1216 C IV 1549		348	443		1297		1119,1336rvar, 1241,1350xnd, 1181sp,1617ir, 1526vlbi, 2103pol
0400–271 O	UM 685	4 0 36.0 –27 6 33	4 2 40.10 –26 58 18.0	18.9			2.834*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.8540 2.7820 2.4685 1.2224	1025	1025 1874 2281			1025 1874 2228 2263	1874BAL
0400–402 O		4 0 37.0 –40 12 33	4 2 21.78 –40 4 17.5	17.9			1.11	C III 1909 Mg II 2798		980	980				
0401–350 O		4 1 1.0 –35 3 36	4 2 54.05 –34 55 22.3	17.4			0.22	H I 4861		980	980				
0401–350 O	B	4 1 18.4 –35 5 10	4 3 11.38 –34 56 57.4	19.5			3.242+	H I 1216 N V 1240 C IV 1549		980	980			980	Ly abs,2156
0402–362 R	PKS	4 2 2.65 –36 13 11.2	4 3 53.82 –36 5 1.3	17.17	.15	–.96	1.417*	C IV 1549 C III 1909	0.797	103	024		387 1966	954 2228 2263	736ubv,761, 954,1304sp, 780,886ir,847, 865pos, 1526vlbi, 2103pol
0402–337	A27.05	4 2 6.9 –33 42 54	4 4 1.85 –33 34 44.5	18.0			3.04			2277	2277				
0403–132 R X	PKS	4 3 13.98 –13 16 17.9	4 5 34.01 –13 8 13.5	17.17*	.28	–.57	0.571	Mg II 2798 Ne V 3426 O II 3727		079	002 1305	079 290	128 1162 1200 1367 1966		059,134ubv, 703,900,1201, 2103pol,1188, 2229sp,999x, 1305ir, 1526vlbi
0403–131 S	SHK 278–4	4 3 16 –13 7 0	4 5 36.19 –12 58 55.8	18.2	.56		0.121	O II 3727 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		2212	2212				
0404+177 R	PKS 4C 17.22	4 4 36.15 17 42 52.5	4 7 28.73 17 50 50.4	19.22			1.712	H I 1216 C IV 1549 C III 1909		124	436		789 1818 1891 2009		
0405–385 R	PKS	4 5 11.89 –38 34 25.2	4 6 58.92 –38 26 27.2	17.5			1.285			103	2199		767 1966		1526vlbi
0405–123 R	MSH 04–12 PKS OF 109 HEAO	4 5 27.45 –12 19 31.8	4 7 48.42 –12 11 36.0	15.35*	.18	–.60	0.574	Mg II 2798 H I 4340		035	054 1731	007 099 212 248 252 290 920 1068 2054	128 775 1792 1804 1966		007,134,1451, 1485ubv,099, 877,1202, 2103pol,772, 1355,1693, 1941,2061uv, 324,1032,1188, 2229sp, 1325FeIIem, 780,799,1305, 1617ir, 801rvar, 749pos,1466, 1526vlbi,057, 079fc, 1942uvvar gal 13 arcsec SW,1404,2118
0405–442	C29.01	4 5 41.8 –44 17 58	4 7 18.32 –44 10 1.6	17.6			3.00			2277	2277				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0406+121 BL Lac R X	PKS	4 6 35.62 12 9 49.5	4 9 22.15 12 17 40.0	20.5						1262			781 1212		1031ir,1356, 2112x,412rvar, 1262irvar, 855sp
0406−127 R	PKS OF 111	4 6 45.42 −12 46 40.9	4 9 5.87 −12 38 50.1	18.5			1.563	Si IV 1397 O IV 1402 C IV 1549 C III 1909		011	501		011 1966 1976		761,1304sp, 1526vlbi
0407−453	C29.08	4 7 27.8 −45 19 43	4 9 1.98 −45 11 53.3	17.5			1.84			2277	2277				
0407−199 R	MC	4 7 28.10 −19 55 49.9	4 9 40.51 −19 48 1.6	19.5			1.986	H I 1216 Si IV 1397 O IV 1402 C IV 1549		673	673		1818 1976		1704fc, 1966rnd
0409−340	A28.09	4 9 37.0 −34 1 3	4 11 30.80 −33 53 22.4	17.5			1.35			2277	2277				
0409+229 R X	3C 108 4C 22.08 NRAO 167 DA 128 PKS B2	4 9 44.7 22 57 27.8	4 12 43.70 23 5 5.6	18.7	.90		1.215	C III 1909 Mg II 2798 O II 3727		139	137		462 800 1976 2092		1201pol, 1172ir, 1320rpol, 1356x, 1526vlbi, 033fc
0410−430	C28.07	4 10 6.7 −43 2 12	4 11 45.12 −42 54 32.8	16.7			2.40			2277	2277				
0413−116 S		4 13 37.9 −11 41 22	4 15 59.33 −11 33 58.0	22			3.853*	O VI 1034 H I 1216 N V 1240 Si II 1307 Si IV 1397 O IV 1402 C IV 1549		2072	2072				2072BAL, 2072Bmag 1.22 arcmin from anon gal, 2118
0413−210 R	PKS	4 13 53.6 −21 3 51	4 16 4.35 −20 56 27.6	18.5			0.808	C III 1909 C II 2326 Mg II 2798		296	1304 1305		1518 1966		761sp, 1526vlbi
0414+009 BL Lac X R	1H	4 14 17.58 0 58 3.4	4 16 52.41 1 5 24.3	17.59*	.48	−.70				1044 2298		1902	1044 1658 2220		1044,2107, 2112x,1044ubv, 1800,1988, 2062pol 1902avg Bmag; 0.287zgal,2218 strange config of gals near, 2219
0414−189 R	PKS MC	4 14 23.35 −18 58 29.7	4 16 36.55 −18 51 8.4	18.5			1.536	C IV 1549 He II 1640 C III 1909 Mg II 2798 Mg V 2931 Ne V 3426		466	466 501		011 1966 1976		1526vlbi, 011fc,761, 1304sp,1789mm
0414−060 R X	PKS 4C 05.17 3C 110 OF 024 NRAO 170	4 14 49.18 −6 1 4.3	4 17 16.66 −5 53 45.2	16.25*	.30	−.70	0.781	C III 1909 Mg II 2798 H I 4340 H I 4861		048	100 1731	567 875	1518		736ubv,704, 877,1202pol, 1355,1628, 1693,1941, 2061uv,780ir, 912,1183, 1980x,958sp, 958FeIIem, 129pos 1902avg Bmag
0415−200 R	MC	4 15 6.42 −20 2 10.3	4 17 18.34 −19 54 51.7	19.5			0.604	C II 2326 Mg II 2798 Mg V 2931 O III 3133 Ne V 3426 H I 4102		673	673				1704fc, 1966rnd

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0416-456	C29.10	4 16 38.1 -45 39 26	4 18 10.35 -45 32 12.1	17.5			2.5			2277	2277				
0419-455	C29.03	4 19 20.2 -45 30 57	4 20 52.41 -45 23 53.8	17.9			2.45			2277	2277				
0420+070		4 20 0 7 0 0	4 22 41.27 7 6 58.2				2.918*	H I 1216 Si IV 1397 O IV 1402 C IV 1549	2.6526 2.2953 1.5269		1874			1874 2228 2263	
0420+003 X		4 20 7.7 0 23 22	4 22 41.92 0 30 19.9	19.1	.30		2.903			1314	1314				
0420-388 O X R	A	4 20 30.07 -38 51 50.4	4 22 14.99 -38 44 52.2	16.92	.78	.90	3.12 *	H I 1216 N V 1240 Si II 1263 O I 1304 Si IV 1397 O IV 1402	3.0863 2.2909 2.2619 2.2463	431	431 478		846 904	552 911 1358 1747 1830 2075 2228 2263	1382mm,696, 912,1488x,780, 886,919ir,597, 911sp,672, 1485ubv, 1941uv rich abs spectrum,~200 systems,Ly alpha abs, 1358, 2156; Ly limit abs, 2247
0420-388 O	B	4 20 36.6 -38 50 10	4 22 21.56 -38 43 12.3	20.8			2.403+	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1830	1830			1830	
0420-014 R X	PKS OF 035 OA 129	4 20 43.54 -1 27 28.5	4 23 15.80 -1 20 32.9	17.76*	.58	-.32	0.915*	C III 1909 Mg II 2798 Ne V 3426	0.633	026	026 436	254 255 290 728 754 755 1068 1802 2174	128 789 837 955 1212 1326 1544 1557 1807 1930	640 836 2228 2263	640,900,1626, 2103pol, 836FeIIem, 1357,1971mf, 899,1388rpol, 1028,1789mm, 1196,1580, 1617,2021ir, 1337ubv, 1119rvar,873, 955x,836sp, 847pos, 1526vlbi,077, 1748fc, 1805mmvar, 1806, 1860irvar, 1852phot, 2095imag IRAS source, 1644,1748
0420-390 X	1E	4 20 55.1 -39 3 25.3	4 22 39.64 -38 56 28.8	19.1			0.269	O II 3727 H I 4861 O III 5007		1416	1416				1048x
0421+019 R	PKS OF 036 GC	4 21 32.67 1 57 32.7	4 24 8.56 2 4 24.9	17.04*	.14	-.69	2.055*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	1.9993 1.6379 1.5977 1.5378 1.4555 0.0002	026	443 2281	1337	128 789 1297	974 1969 2228 2263	1337,1485ubv, 877,1201pol, 831,1181, 2251sp, 1526vlbi Ly alpha abs, 974

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0422+004	OF 038	4 22 12.46	4 24 46.79	16.05*	.10	-.49				052		682	837		682,1485ubv,
BL Lac R	PKS	0 29 16.9	0 36 6.5									875	955		642,877,1988,
X	GC											970	1127		2062,2167pol,
												1142	1200		1056,1389phot,
												1902	1326		781,1144,1399,
												1932	1557		2035ir,1008,
												2073	1792		1086rvar,955,
													1807		2112x,1576mf,
															009,432,
															1803sp,
															1466vlbi,
															1902OVV,
															2035uv,
															2259imag
															IRAS source,
															1806
															1902avg Bmag
0422-380	PKS	4 22 56.16	4 24 42.25	18.08	.07	-.69	0.782	Mg II 2798		103	410		387		761,1304sp,
R		-38 3 8.1	-37 56 19.7					Ne V 3426					1966		865pos,886,
								O II 3727							1617ir,
															1320rpol,
															1485ubv
0424-131	PKS	4 24 47.85	4 27 7.34	17.5			2.165*	H I 1216	2.1731	086	073		128	582	912,1980x,
R	NRAO 178	-13 9 33.4	-13 2 53.6					N V 1240	2.1633		569		1170	589	1513elp,582,
X	OF 141.3							O I 1304	2.1332		589		1818	1108	2251sp,1983ir
								Si IV 1397	2.0346		1872		1891	1394	
								O IV 1402	1.7886				1966	1872	
								C IV 1549	1.7161					2228	
								He II 1640	1.5615					2263	
								O III 1663	1.5527						
								C III 1909	1.5519						
									1.0348						
									0.6999						
									0.6602						
									0.0000						
0426-380	PKS	4 26 54.74	4 28 40.47	19.0			1.030			2121	2121				
		-38 2 52.4	-37 56 19.9												
0428-136		4 28 0	4 30 18.90				3.244*		2.5496		2059			2059	
O		-13 36 0	-13 29 33.1						2.3663					2125	
									2.3639					2228	
									1.5189					2263	
0428-365	A29.06	4 28 26.6	4 30 14.74	18.0			2.09			2277	2277				
		-36 32 59	-36 26 32.7												
0431-512	PKS	4 31 4.36	4 32 21.08	17.3			0.557	Mg II 2798		420	418		1966		1526vlbi,
R		-51 15 40.9	-51 9 24.2					O III 3133		1898					494fc
								Ne V 3426							
								H I 4861							
								O III 4959							
								O III 5007							
0433-188	PKS	4 33 56.9	4 36 9.45	19.0			2.705	O VI 1034		011	1304		1518		761sp,1305ir,
R		-18 51 0	-18 44 56.9					H I 1216			1305		1966		1526vlbi
								N V 1240							
								Si II 1263							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
0435-300	PKS	4 35 38.97	4 37 36.74	17.5			1.328	C IV 1549		412	501		011		761,1304sp,
R		-30 0 2.6	-29 54 6.0					C III 1909					1966		1526vlbi
								Mg II 2798							
0436-129	PKS	4 36 15.5	4 38 34.93	19.8			1.277	C IV 1549		011	1304		1518		761sp
R		-12 56 50	-12 50 56.6					C III 1909					1966		
													1976		
0438-166	1E	4 38 11	4 40 26.07	17.65*	.66	-1.19	1.96			698	698	1486			1486ubv,696,
X		-16 38 12	-16 32 26.4												698x
0438-165	1E	4 38 26	4 40 41.11	19.8	.20		0.50			698	698		991		698ubv,696,
X		-16 35 36	-16 29 51.4												698x
R															

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0438–108 X	1E	4 38 39.1 –10 49 48.2	4 41 0.90 –10 44 4.7	20.2			0.868	Mg II 2798 O II 3727		1416	1416		991		1048x
0438–436 R X	PKS	4 38 43.19 –43 38 54.0	4 40 17.20 –43 33 9.1	18.8			2.852+	H I 1216 Si IV 1397 O IV 1402 C IV 1549		502	502		1966	502 2306	1282,1526vlbi, 1617ir,912, 1686,1980x, 1800,2103pol, 847,865pos
0439–433 R	PKS	4 39 43.7 –43 19 10	4 41 18.30 –43 13 29.3	16.36	.28	–.65	0.593	Mg II 2798 H I 4102 H I 4340		103	1304		103		761sp,1485ubv, 1617ir, 1966rnd
0440–160 O		4 40 0 –16 0 0	4 42 15.77 –15 54 21.9				2.679*	Si IV 1397 O IV 1402 C IV 1549	2.2290 2.2142 1.0067		1872			1872 1873 2228 2263	
0440–109 X	1E	4 40 1.1 –10 57 30.6	4 42 22.72 –10 51 52.7	18.8			0.279	H I 4102 H I 4340 H I 4861 O III 5007		1416	1416				1048x,1910sp
0440–003 R X	PKS NRAO 190 OF 067 DA 145	4 40 5.31 –0 23 20.6	4 42 38.68 –0 17 43.5	17.0 *	.37	–1.05	0.844	C III 1909 Mg II 2798		077	443 143 436	755 756 1068 1802 2054	789 803 1145 1888		056ubv,1201, 2103pol,847, 1810pos,873, 1980x,831sp, 936rvar, 1526vlbi
0440–285 R	PKS	4 40 38.04 –28 31 6.3	4 42 37.66 –28 25 30.2	19.2			1.952*	H I 1216 C IV 1549 C III 1909 Mg II 2798	1.9541	296	1861		1861	1861 2263	1966rnd
0441–368	A29.20	4 41 28.0 –36 51 45	4 43 14.58 –36 46 11.8	17.2			0.68			2277	2277				
0442–301	F27.26	4 42 18.0 –30 9 58	4 44 15.14 –30 4 28.7	18.1			2.40			2277	2277				
0443–358	A29.22	4 43 46.5 –35 52 7	4 45 34.60 –35 46 43.4	18.3			2.61			2277	2277				
0443–408	B27.07	4 43 53.6 –40 53 59	4 45 32.66 –40 48 35.6	18.9			3.27			2277	2277				
0443–320	F27.21	4 43 57.9 –32 3 51	4 45 52.09 –31 58 28.4	17.8			3.00			2277	2277				
0445–418	B27.06	4 45 21.8 –41 51 4	4 46 58.87 –41 45 46.6	17.8			2.70			2277	2277				
0445+097 R	PKS 4C 09.17	4 45 37.07 9 45 36.2	4 48 21.78 9 50 50.0	19.55			2.115*	H I 1216 C IV 1549 He II 1640 C III 1909	2.1141 2.1070 1.4666 0.8392	124	436 2049 2281		789 1818 1891	2049 2263	1526vlbi, 1818pos, 2266imag 2236sp of fuzz
0445–457	C30.10	4 45 51.0 –45 42 37	4 47 19.84 –45 37 21.3	17.2			0.91			2277	2277				
0445–307	F27.24	4 45 51.7 –30 47 2	4 47 47.73 –30 41 47.4	18.0			2.42			2277	2277				
0446–208 R	MC 1	4 46 49.22 –20 49 55.8	4 48 58.85 –20 44 45.6	17			1.896*	H I 1216 N V 1240 Si IV 1397 O IV 1402 N IV 1488 C IV 1549 C III 1909	1.8674 0.0668	849	849	2174	1966 1976	809 849 1394 2228 2263	0.2 arcmin from anon gal, 0.067zgal 1650,2118,2248
0447–092 X	1E	4 47 9.5 –9 17 17.9	4 49 32.90 –9 12 9.7	18.5			0.946	Mg II 2798		1416	1416				1048x
0447–395 O		4 47 27.1 –39 34 11	4 49 8.40 –39 29 2.4	18.1			1.98	C IV 1549 C III 1909		478	478				846rnd

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0448-392 R	PKS	4 48 0.48 -39 16 16.2	4 49 42.29 -39 11 10.0	16.46*	.24	-.89	1.288	C IV 1549 N III 1750 C III 1909 Mg II 2798		103 1898	410 478	103	846 904		594,761, 1304sp, 1320rpol, 1485ubv,478fc, 1352spvar, 1526vlbi
0448-187 R	PKS	4 48 24.4 -18 42 1	4 50 36.65 -18 36 57.5	21.2			(2.05)	C IV 1549		762	1304		1518 2162		761sp
0449-135 O		4 49 0 -13 30 0	4 51 18.50 -13 24 59.3				3.097*	H I 1216 N V 1240 Si IV 1397 O IV 1402	3.0547 3.0536 2.9536 2.8165 2.3132 1.4204 1.2667		1872 1874			1872 1874 2228 2263	Ly limit abs, z=2.963,1874
0449-183 X R	1E	4 49 26.3 -18 23 55.0	4 51 38.89 -18 18 55.9	18.5	.10	-.20	0.338	Ne V 3426 O II 3727 NeIII 3869 NeIII 3968 H I 4340 O III 4363 He II 4686 H I 4861 O III 4959 O III 5007		976 1416	976		991 1490		976ubv,976ext, 1048x,1910sp, 1911imag
0450-132 O		4 50 0 -13 12 0	4 52 18.83 -13 7 3.4				2.253*	Si IV 1397 O IV 1402 C IV 1549	2.2315 2.1063 2.0699 1.1745 0.4940		1872			1872 1873 2228 2263	2251sp
0450-299 IR R		4 50 33.0 -29 58 31	4 52 29.98 -29 53 35.9	16.0			0.286			1860	1860		2300		1909imag, 1860Bmag IRAS source 1860;
0450-221 R	PKS MC	4 50 36.91 -22 6 14.1	4 52 44.78 -22 1 19.7	18.5			0.898	Mg II 2798 NeIII 3869		466	466		1518 1966		
0451-336	A30.15	4 51 11.2 -33 38 43	4 53 2.49 -33 33 50.4	17.33			1.8			2277	2277				
0451-282 R	PKS	4 51 15.1 -28 12 30	4 53 14.63 -28 7 38.0	18.5			2.559*	O VI 1034 H I 1216 N V 1240 Si II 1263 O I 1304 C II 1335 Si IV 1397 O IV 1402 C IV 1549	2.50	191	1304 1305 1418		1518 1966	1418 2263	761sp, 1320rpol, 1526vlbi, 2103pol
0451-418 O		4 51 36.8 -41 52 24	4 53 13.32 -41 47 32.6	18.2			2.13	H I 1216 N V 1240 C IV 1549		478	478				846rnd
0452-398 O		4 52 24.2 -39 49 41	4 54 4.65 -39 44 53.1	19.2			2.05	H I 1216 N V 1240 C IV 1549		478	478				846rnd
0452-515 R	PKS	4 52 24.4 -51 35 3	4 53 37.59 -51 30 14.1				1.157	Mg II 2798		2151	2151		011		
0453-423 O		4 53 48 -42 21 0	4 55 23.39 -42 16 17.8	17.06	.71	-.22	2.661*	H I 1216 N V 1240 C IV 1549	2.3967 2.2765 1.1496 0.9087 0.7261	330	331 414 478 535 559			414 535 559 562 954 1394 1747 2020 2228 2244 2263	846rnd, 1485ubv,954sp, 1779,2095imag Ly alpha abs, 562; nearby gal 0.726zgal, 2262

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0454-220	PKS	4 54 2.2	4 56 10.00	15.51*	.06	-.62	0.534*	Mg II 2798	0.4833	087	501		1518	501	736ubv,761,
R		-22 3 56	-21 59 15.9					Mg V 2931	0.4745		1731		1902	761	1304,1420sp,
									0.0001				1966	1420	781ir,1355,
													1976	1731	1693,1941uv,
														1754	1420FeIIem
														2228	1902avg Bmag
														2263	
0454+039	PKS	4 54 8.91	4 56 47.12	16.53	.23	-.81	1.350*	C IV 1549	1.1538	026	094		775	439	704,1202pol,
R	OF 092	3 56 14.6	4 0 53.1					N III 1750	0.8596	1898	410		789	560	761,1032,1181,
	GC							C III 1909	-.0002		436			761	1304,2251sp,
								Mg II 2798			2281			1969	1108absr,
														2075	1485ubv,
														2228	1352spvar,
														2263	1526vlbi,
															2061uv,
															2095imag,
															2174varnd
															faint gals
															nearby,2118
0454-810	PKS	4 54 17.50	4 50 5.02	19.6			0.444	Mg II 2798		1898	1984				
R		-81 5 55.0	-81 1 2.6					H I 4861							
								O III 5007							
								H I 6563							
0454-463	PKS	4 54 24.09	4 55 50.69	17.4			0.858	C II 2326		422	1418	1966	023		1418FeIIem,
R		-46 20 39.0	-46 15 59.0					Mg II 2798		1898			422		1483rvar,
								Ne V 3426							1526vlbi,
															2103pol
0454-344	A30.19	4 54 53.3	4 56 43.10	18.1			2.43			2277	2277				
		-34 25 52	-34 21 14.9												
0454-234	PKS	4 54 57.32	4 57 3.21	16.6 *			1.003*	C III 1909	0.891	296	1984	1800		781	1800hpq,
R	OF 292	-23 29 28.9	-23 24 52.6					Mg II 2798	0.752	494	1305			1984	2103pol
									0.630					2263	
									0.606						
0454+844	S5	4 54 57.40	5 8 42.51	16.5						933			933		933,2112x,933,
BL Lac R		84 27 52.5	84 32 4.0							1811			1216		2046pol,865fc,
X													1441		996,1280,1526,
													1543		1862vlbi,
													1555		1667rvar,
													1793		1855mm,
															2041rpol
															IRAS source,
															1806
0455-395	PKS	4 55 48.00	4 57 28.77	18.4			0.570	O III 4959		1861	1861		1861		
R		-39 32 11.9	-39 27 38.3					O III 5007							
0456+025	KP 1	4 56 22.3	4 58 58.92	17.5			1.43	C IV 1549		457	867				853rnd
O		2 31 15	2 35 44.2					C III 1909							
0456-395		4 56 39.5	4 58 20.28	18			1.85	C IV 1549		478	478				846rnd
O		-39 30 1	-39 25 31.0					C III 1909							
0457+024	OF 097	4 57 15.55	4 59 52.06	19.40			2.384*	O VI 1034	1.8326	026	342	2174	789	589	831,1181sp,
R	PKS	2 25 6.1	2 29 31.5					H I 1216	0.4717		436		803	2228	1108absr,
	GC							N V 1240			443			2263	1526vlbi,
								O I 1304			598				1810pos
								Si IV 1397			748				
								C IV 1549							
								C III 1909							
0457-059	1E	4 57 57.9	5 0 24.99	17.94			0.303	H I 4102		1233	1233				
X		-5 55 57.7	-5 51 34.9					H I 4340							
								H I 4861							
0458-020	PKS	4 58 41.28	5 1 12.75	18.4 *			2.286*	H I 1216	2.089	045	044	756	789	1375	1201,1800,
R	DA 157	-2 3 34.5	-1 59 14.9					Si IV 1397	2.0398		578	1181	803	1551	2103pol,
X	4C 02.19							C IV 1549					1981	2113	936rvar,1241x,
	OF 098												2162	2168	1181sp,1789mm,
	OA 141													2263	1810pos,057fc,
	GC														1375absr,
															1526vlbi
															IRAS source,
															1806

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0459-373	A30.25	4 59 25.9 -37 18 31	5 1 10.52 -37 14 12.8	18.5			1.93			2277	2277				
0500-335	A30.13	5 0 3.8 -33 33 36	5 1 54.75 -33 29 20.7	17.0			2.0			2277	2277				
0501-340	A30.20	5 1 54.9 -34 4 11	5 3 44.92 -34 0 3.5	18.0			2.8			2277	2277				
0503-043 BL Lac R	A	5 3 22.5 -4 23 16	5 5 51.31 -4 19 16.1	18.5						1418			2139		1418fc,2112x, 2259imag
0504+030 R	PKS 4C 03.10 OG 008 GC	5 4 59.26 3 3 59.0	5 7 36.53 3 7 51.7	18.57			2.463	H I 1216 C IV 1549 C III 1909		026	1181 432 436		789 1877		1526vlbi, 087fc
0506-612 R	PKS	5 6 8.55 -61 13 33.1	5 6 44.10 -61 9 40.9	16.85	.51	-.52	1.093	C III 1909 Mg II 2798 Ne V 2974		188	410		1966		736ubv,761, 1304sp, 1483rvar, 1617ir, 1526vlbi, 2103pol 29 arcmin from NGC 1796,1650, 2118
0511-220 R	PKS OG 220	5 11 49.94 -22 2 44.8	5 13 57.24 -21 59 20.2	19.5			1.296+	C IV 1549 C III 1909		412 761	1984			1984	
0514-005 X	1E	5 14 0.3 -0 30 30	5 16 33.50 -0 27 15.7	16.18	.08	-.77	0.292	Mg II 2798 NeIII 3968 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		1269	1269 1968				1269ubv,1269x, 1910sp, 2145imag
0514-161 R	PKS OG 123	5 14 1.09 -16 6 22.2	5 16 15.95 -16 3 7.3	16.95*	.51	-.99	1.278	C IV 1549 C III 1909 Mg II 2798 Mg V 2931 Ne V 2974		011	009 410	1485	1167 1966 1976		761,1304, 2251sp, 1320rpol, 1485ubv, 1526vlbi
0515-379	A31.05	5 15 59.5 -37 57 33	5 17 42.10 -37 54 25.3	18.3			3.02			2277	2277				
0518-350	A31.07	5 18 11.5 -35 0 43	5 19 59.23 -34 57 45.0	18.2			2.23								
0518+165 R X	3CR 138 4C 16.12 PKS OG 130.2 DA 170 NRAO 205	5 18 16.51 16 35 26.2	5 21 9.88 16 38 21.4	18.84*	.53	-.16	0.759	C III 1909 Mg II 2798 O II 3727		008	102 101	754	128 462 882 1150 1340 1393 1557 1792 1888 1891 2000 2013 2015		008ubv,1201, 2103pol,696, 912,1107x, 1336rvar, 245fc, 1526vlbi, 1789mm
0521-365 BL Lac R X	PKS MSH 05-36	5 21 12.93 -36 30 16.0	5 22 57.95 -36 27 30.9	14.5 *	.76	-.28				191		745	1200 1367 1961 1966		654,683ubv, 703,1087,1626, 2138pol,638, 1572ext,1089, 1185,1348uv, 781,886ir,410, 638,683,729, 761,969sp,668, 2071,2107, 2112x,1164mf, 683fc,1670, 1954imag 0.061zgal,191; IRAS source, 1806

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0522−611	PKS	5 22 0.49	5 22 34.56	18.05	−.05	−.74	1.40	C IV 1549		420	501		1966		761,1304sp,
R		−61 10 41.2	−61 7 56.9					C III 1909		1898					494fc,
															1526vlbi,
															1485ubv
0524−702		5 24 31.94	5 24 2.26	20			0.15			2045	2045				
X		−70 13 45.1	−70 11 9.4												
0528−250	PKS	5 28 5.16	5 30 7.93	17.24*	.83	.31	2.779*	Si IV 1397	2.8145	412	555	399	011	399	1201pol,
R		−25 5 44.8	−25 3 30.1					O IV 1402	2.8121			2054	1966	410	1320rpol,781,
X								C IV 1549	2.8118					555	1092ir,761,
								C III 1909	2.8052					764	1139,1835sp,
									2.6736					911	912,1088x,
									2.5385					935	1485ubv,
									2.5376					1139	1526vlbi,
									2.3733					1378	1810pos
									2.2080					1716	Ly alpha abs,
									2.2066					1824	764;Ly limit
									2.2057					1872	abs,z=2.839,
									2.1408					1873	1874; prob
									2.0331					1874	damped Ly
									2.0148					2032	alpha,z=2.14,
									0.9442					2228	1874;damped Ly
														2263	alpha,z=2.8121
															1139,2243;
0530−379		5 30 48.6	5 32 30.72	16.7			0.29			478	478				1222elp,
O		−37 55 26	−37 53 22.3												846rnd,1617ir,
															1630,2145imag
0532−424	B30.05	5 32 58.9	5 34 32.01	18.0			2.81			2277	2277				
		−42 25 55	−42 24 0.4												
0534−201	MC 1	5 34 12.86	5 36 22.29	19.4			0.995	C III 1909		673	673		1888		1704fc,
R		−20 7 18.9	−20 5 31.0					Mg II 2798							1966rnd
0537−158	PKS	5 37 17.18	5 39 32.04	17.5			0.947	LYB 1026		011	501		011		761sp,
R		−15 52 4.1	−15 50 29.8					O VI 1034		1898			1966		1526vlbi
								H I 1216							
								N V 1240							
								C IV 1549							
								C III 4155							
0537−441	PKS	5 37 21.09	5 38 50.39	15.5 *	.46	−.57	0.894	C III 1909		103	024	024	1452		103,453,736,
R		−44 6 45.4	−44 5 9.7					Mg II 2798				453	1966		1485,1958ubv,
X												561			1348,1941uv,
												745			1164,1368,
												2054			1676mf,761,
															954,1304sp,
															668,912,1088,
															1183,1980x,
															810,886,1196,
															1617ir,865pos,
															1526vlbi,1626,
															1800,2103,
															2138pol,
															1748fc,
															1806irvar,
															1961rvar
															IRAS source,
															1644,1748;
															11 arcsec from
															anon gal,0.186
															zgal,2118;
															grav lens,1951
0537−286	PKS	5 37 56.94	5 39 54.30	20			3.11 *	LYB 1026	3.098	011	596		1340	596	761,911sp,696,
R	OG 263	−28 41 28.3	−28 39 56.2					O VI 1034	2.976		472		1966	911	912x,1526vlbi
X	B1							H I 1216			501			2228	Ly limit abs,
								N V 1240						2263	z=2.976,596
								Si IV 1397							
								O IV 1402							
								C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0538+498 R X	3CR 147 4C 49.14 NRAO 221 OG 465 DA 186 CTA 39	5 38 43.55 49 49 42.8	5 42 36.17 49 51 7.2	17.8 *	.65	−.37	0.545	O III 3133 Ne V 3426 O II 3727 NeIII 3869 NeIII 3968		104	065	006 290	128 462 830 833 837 843 882 1167 1340 1393 1891 2000 2013		063ubv,1201, 2103pol, 750pos,912, 1107x,923, 1129,1336rvar, 1060,1280, 1526vlbi,161, 245,295fc, 1789mm, 2104rmap
0540−389 O		5 40 12.1 −38 57 43	5 41 52.02 −38 56 20.1	17.2			0.83	Mg II 2798		478	478				846rnd
0545−417 O		5 45 20.5 −41 42 56	5 46 54.81 −41 41 55.3	18.7			2.12	H I 1216 N V 1240 C IV 1549		478	478				846rnd
0546−357	A32.02	5 46 16.5 −35 43 8	5 48 2.29 −35 42 11.8	17.7			2.45			2277	2277				
0548−322 BL Lac R X	PKS H	5 48 50.3 −32 16 56	5 50 41.89 −32 16 11.2	15.5 *	.57	−.30				384		745	1367 1961 1966		653ubv,703, 1481,1626pol, 1039,1348uv, 668,701,778, 824,1052,1088, 1306,1542, 1836,1936, 2071,2107, 2112x,1164mf, 823phot,781, 886ir,928, 1703xvar 0.069zgal, 656; IRAS source,1806;
0549−213 R	MC	5 49 50.56 −21 20 29.6	5 51 58.23 −21 19 49.8	20			2.245	H I 1216 C II 1335 O IV 1402 N IV 1488 C IV 1549 He II 1640 N III 1750 C III 1909 C II 2326		466	466		1818 1891 1966 2162		2266imag
0550−384	B31.05	5 50 33.4 −38 28 57	5 52 14.08 −38 28 19.3	18.0			2.13			2277	2277				
0551−366 O		5 51 2 −36 37 56	5 52 46.11 −36 37 20.5	17.57	.15	.04	2.318*	H I 1216 O I 1304 Si IV 1397 O IV 1402 C IV 1549	1.9615 1.8971 1.7476 1.3007	409	1000 409 2281			1000 1394 1747 2228 2263	1617ir, 1485ubv
0552+398 R	DA 193 OA 198 B2	5 52 1.43 39 48 21.8	5 55 30.83 39 48 49.0	18			2.365	H I 1216		009	009 1550		908 1148 1544 2070 2139		865pos, 936rvar,1061, 1372,1526, 1955vlbi, 1388rpol, 1789mm, 1805mmvar, 426fc
0553−205 R	MC	5 53 9.95 −20 30 17.3	5 55 18.72 −20 29 52.1	19.9			1.544	Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909		673	673		1818 1891 1976		1704fc, 1818pos, 1966rnd
0556−363	A33.03	5 56 28.8 −36 19 50	5 58 13.42 −36 19 38.4	18.1			2.22			2277	2277				
0557−168 R	PKS MC	5 57 27.19 −16 52 18.4	5 59 40.68 −16 52 12.1	18.27	.54	−1.14	1.24	C III 1909 Mg II 2798		466	466		1966 1976		1485ubv,129fc

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0557–672 O		5 57 27.2 –67 13 49	5 57 21.78 –67 13 37.6	17.5			0.142	O II 3727 NeIII 3869 He 3970 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		1629	1629				
0558–504 R X	PKS 1H	5 58 34.6 –50 26 55	5 59 47.44 –50 26 51.4	14.97	.21	–.89	0.137	O II 3727 H I 4102 H I 4340 He I 5876		1519	1571				1571, 1842FeIIem, 1571ubv,1571x HEAO–1 source, 2176
0602–319 R	PKS	6 2 22.5 –31 55 48	6 4 14.61 –31 56 2.4	18.3			0.452	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 NeIII 3968 He 3970 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		188	410 419		384 2056		761,1304sp, 1222elp, 1320rpol, 1526vlbi
0602–398	B31.18	6 2 47.3 –39 50 58	6 4 25.29 –39 51 13.7	18.2			2.2			2277	2277				
0605–085 R X	OH 010	6 5 36.0 –8 34 19	6 7 59.68 –8 34 48.7	18.5 *			0.87	C III 1909 Mg II 2798		078	1437	1800	1557 1792 1937		1466vlbi, 1241x,1800, 2103pol, 1789mm
0606–223 R	PKS	6 6 53.42 –22 19 47.2	6 8 59.74 –22 20 21.9	20			1.926	H I 1216 N V 1240 C IV 1549 C III 1909		412 1876	501		011 2056		761,1304, 1876sp, 1526vlbi, 1810pos, 2103pol
0607–157 R X	PKS MC	6 7 26.10 –15 42 4.2	6 9 41.07 –15 42 41.6	17 *			0.324	H I 4861 O III 4959 O III 5007 H I 6563		466	466	2054	1074 1557 1792 2056		847,865pos, 936,1483rvar, 899rpol,1207, 1261,1884imag, 1241x,1617ir, 1466,1526vlbi, 129fc,2103pol
0608–352	A34.09	6 8 1.2 –35 14 55	6 9 47.76 –35 15 33.9	17.2			0.81			2277	2277				
0610+260 R	3CR 154 4C 26.20 NRAO 230 CTA 40 DA 201 OH 218 CTD 42	6 10 43.75 26 5 30.7	6 13 50.15 26 4 37.0	18 *			0.580	NeIII 3869 H I 4340 H I 4861 O III 4959 O III 5007		236	105		236 1591 1804 1998		793,1159,1349, 1526vlbi, 1617ir,105fc
0615+820 R	S5	6 15 32.74 82 3 56.4	6 26 2.94 82 2 25.5	17.5			0.71			937	1667		937 1793		1855mm
0621–786 R	PKS	6 21 29.7 –78 41 33	6 18 30.16 –78 43 0.3	16.96	.41	–.68	0.942	Mg II 2798		495	493		2056		761,1304sp, 1485ubv
0622–441 R	PKS	6 22 2.7 –44 11 24.2	6 23 31.79 –44 13 3.6	16.93*	.22	–.73	0.688	C II 2326 Mg II 2798 Ar IV 2854 O III 3133 Ne V 3345 H I 4861		025 1898	410	736	387 2056		736ubv,761, 1304sp,780, 886ir, 1526vlbi

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0624+691	HS	6 24 35.2	6 30 2.69	14.2			0.370	Mg II 2798		2022	2022				
O		69 7 33	69 5 33.8					O II 3727							
								NeIII 3869							
								NeIII 3968							
								H I 4102							
								H I 4340							
								H I 4861							
								O III 4959							
								O III 5007							
0629–418	PKS	6 29 37.86	6 31 12.21	19.3			1.416	C IV 1549		1898	1251		1251		1526vlbi
R		–41 52 14.3	–41 54 26.9					C III 1909					2056		
0630+180		6 30 43.58	6 33 38.83	19.1			1.187	C III 1909		1067	1067		1067		1191sp
R		18 1 52.8	17 59 32.6					Mg II 2798					1976		
0636+680	S4	6 36 47.4	6 42 4.01	16.46			3.178*	H I 1216	3.0589	510	1443		1521	1443	1526vlbi
R	GC	68 1 26.6	67 58 35.1					Si IV 1397	3.0174		1874			1874	Ly limit abs,
								O IV 1402	2.9040		2263			2263	z=2.909,1874,
								C IV 1549	2.8051		2281				2125
									2.4754						
									1.2941						
0637–752	PKS	6 37 23.35	6 35 46.53	15.75	.33	–.60	0.656*	Mg II 2798	0.152	031	1304		023	1420	736ubv,761,
R	MC	–75 13 37.8	–75 16 17.1					Ne V 3426	0.0000	1898	418		386	2228	1304,1420,
X	HEAO							NeIII 3869			466		2056	2263	2229sp,780ir,
								NeIII 3968			1731				912,1210,
															1781x,1195,
															1753xvar,1210,
															1941uv,
															1420FeIIem,
															1526vlbi,
															1897pos,
															2103pol
0640+448		6 40 18.2	6 43 57.31	18.2			1.805	H I 1216		1438	1692				
O		44 53 39	44 50 35.9					C IV 1549							
								C III 1909							
0640+449		6 40 43.1	6 44 22.22	18.3			2.123	H I 1216		1438	1692		1438		
O		44 54 24	44 51 19.1					C IV 1549							
								C III 1909							
0642–506	ALW 11	6 42 13.40	6 43 27.05	18.5			3.09	H I 1216		1444	1444				
O		–50 38 7	–50 41 13.2					N V 1240							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
0642–349	PKS	6 42 36.8	6 44 24.66	18.5			2.165*	H I 1216	2.159	188	410		384	954	761,954,
R		–34 56 36	–34 59 45.1					N V 1240	2.143				2056	2228	1304sp,
								C IV 1549						2263	1320rpol,
								He II 1640							1526vlbi
								C III 1909							
0642+449	OH 471	6 42 53.02	6 46 32.02	18.42*	1.08	1.70	3.408*	O VI 1034	3.343	109	1874	875	775	107	106,481ubv,
R		44 54 31.1	44 51 16.9					H I 1216	3.2483	1438	044	1068	852	108	704,1201pol,
X								N V 1240	3.191		108	1902	1340	911	750pos,912,
								Si IV 1397	3.1238		430		1521	1874	1980x,936rvar,
								O IV 1402	2.9724		2281		1771	2039	582,597,911,
								N IV 1488	2.911				1807	2228	986sp,1092,
								C IV 1549	2.491				1930	2263	1617ir,
									2.4459				2085		1526vlbi,
									2.0144				2162		165fc,1789mm
									1.2464						Ly limit abs,
									0.805						z=3.295 and
															z=3.121,1874;
															1902avg Bmag
0645+349	UT	6 45 39.7	6 48 59.05	18			1.36	C III 1909		1437	1437				
R		34 55 46	34 52 20.6					Mg II 2798							
0646–176	MC	6 46 15.46	6 48 28.33	19.1			1.232	C III 1909		1445	1445				1445FeIIem
R		–17 40 40.0	–17 44 5.6					Mg II 2798							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0650+371	B2	6 50 35.2	6 53 58.20	18			1.982	H I 1216		510	1443		1521		1526vlbi
R	UT	37 9 27	37 5 40.4					Si IV 1397		1437	1437		1976		
	S4							O IV 1402							
	GC							C IV 1549							
								C III 1909							
0657+176		6 57 37.14	7 0 31.42	18.5			(0.722)	Mg II 2798		476	476				
R		17 40 8.3	17 35 52.9												
0701+392	B3	7 1 5.1	7 4 31.34	18.7			1.283	C III 1909		1990	2270				
R		39 15 54	39 11 22.9					Mg II 2798							
								O III 3133							
0704+384	4C 38.20	7 4 8.39	7 7 32.92	17.5			0.579	Mg II 2798		033	032		462		1201pol,831,
R	OI 306.8	38 26 57.3	38 22 13.4					Ne V 3426					774		1188sp,
	B2							NeIII 3869					775		1320rpol,1617,
													1888		2021ir,
													1891		1813ir/r,
													2021		2099mm
0705+350	UT	7 5 5.96	7 8 24.45	18.4			1.266	C III 1909		1437	1447				
R		35 0 29.6	34 55 41.9					Mg II 2798		1446	1437				
0710+118	3CR 175	7 10 15.38	7 13 2.42	16.6 *	.46	−.51	0.768	C III 1909		064	002	1142	128		005ubv,704,
R	4C 11.26	11 51 23.9	11 46 15.8					Mg II 2798					462		1202pol,696,
X	PKS							Ne V 3426					775		912,1107x,
	OI 117												787		749pos,
	NRAO 258												1804		1320rpol,
	DA 231												1891		295fc,1617ir
													1998		
													2013		
0711+356	OI 318	7 11 5.62	7 14 24.83	18.06*			1.626	N V 1240		096	084	150	775		1280,1526,
R		35 39 53.3	35 34 40.6					Si IV 1397			2281	875	1521		1862vlbi,
								O IV 1402				1068	1976		1478fc,
								Si II 1531				1902	2060		1513elp,1617,
								C IV 1549					2085		2021ir,
								He II 1640					2144		2103pol,
								Si II 1817							2144rvar
								C III 1909							1902avg ph mag
0713+745	MKN 380	7 13 28.1	7 19 49.53	17			0.475	H I 4102		503	2181				
C		74 33 33	74 28 4.1					H I 4340							
								H I 4861							
								O III 4959							
								O III 5007							
								He I 5876							
								H I 6563							
0714+457	S4	7 14 13.8	7 17 52.21				0.940	C III 1909			1443		1521		1526vlbi
R		45 43 27	45 38 0.6					Mg II 2798							
0716+714	S5	7 16 12.98	7 21 53.39	15.5 *						933		933	933		933,2112x,933,
BL Lac R		71 26 15.0	71 20 36.2							1811		2054	996		2046pol,1348,
X												2133	1212		1679uv,1667,
													1441		1766,1945,
													1543		2133rvar,1789,
													1555		1855mm
													1557		IRAS source,
													1793		1806;
0721+690		7 21 15.0	7 26 31.31	16.8	−.10		0.111			1314	1314				1207,1261imag
X		69 3 44	68 57 45.4												20 arcmin from
															NGC 2366,1314,
															2118
0723+679	4C 67.14	7 23 4.29	7 28 10.89	18.0			0.846	C III 1909		110	009		534		1201pol,951,
R	NRAO 263	67 54 53.4	67 48 47.7					Mg II 2798			509		979		1280,1526,
	DA 233												1128		1672vlbi,
	3C 179												1145		1003sp,426fc
													1152		superluminal
													1166		source,1827,
													1167		1845;
													1605		
													1708		

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0725+147	3CR 181	7 25 20.36	7 28 10.36	17.68*	.43	-1.02	1.387*	C IV 1549	1.3878	008	098	006	128	1749	008ubv,111fc
R	4C 14.24	14 43 47.2	14 37 36.9					C III 1909			1749	080	462	2263	1902avg ph mag
	PKS											252	787		
	NRAO 266											290	1585		
	OI 142											875	1976		
	DA 235											1068	2013		
0726+431	4C 43.14	7 26 16.76	7 29 48.40	18.5			1.072	C IV 1549		009	009		1111		
R	VR43.07.02	43 7 35	43 1 19.5					C III 1909							
	OI 444							Mg II 2798							
0729+818	NRAO 271	7 29 23.49	7 39 3.26	17.5			1.022	C III 1909		073	073				2251sp
R		81 52 41.7	81 46 1.3					C II 2326		1111					
0729+391	B3	7 29 57.02	7 33 20.84	18.4			0.663	Mg II 2798		1990	2078				
R		39 11 34.9	39 5 4.9					H I 4861							
								O III 5007							
0730+257	4C 25.21	7 30 5.48	7 33 8.79	20			2.690*	O VI 1034	2.0023	033	032		462	986	831,986sp,
R	OI 250	25 42 54.8	25 36 24.9					H I 1216			2049		774	2049	1320rpol,
	B2							O I 1304			2281		800	2263	203fc,
								Si IV 1397					1111		2266imag
								O IV 1402					1778		
								C IV 1549					1818		
								C III 1909					1891		
													2162		
0730+659	W1	7 30 17.96	7 35 9.21	19.3 *	.55	-.26	1.927	C IV 1549		530	689	689	1818		689ubv,
C		65 59 39.0	65 53 4.6					He II 1640			2049		1891		2049noabs
R											2281				
0731+479	S4	7 31 20.6	7 35 2.22	18			0.782	C III 1909		510	1443		1521		1526vlbi
R	GC	47 56 44	47 50 7.8					Mg II 2798					2060		
0731+653	W1	7 31 34.26	7 36 21.03	18.5	.60	1.19	3.038*	LYB 1026	2.9099	530	689		2162	1685	689ubv,1685sp,
C		65 19 49.8	65 13 10.5					O VI 1034	2.8861		1685			1874	2174varnd
								H I 1216	2.3620		1874			2039	Ly limit abs,
								N V 1240	2.2770		2281			2228	z=2.912,1685,
								Si II 1307	1.6604					2263	1874
								Si IV 1397	0.9315						
								O IV 1402							
								C IV 1549							
								He II 1640							
								O III 1663							
								N III 1750							
								C III 1909							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0735+178	PKS	7 35 14.11	7 38 7.38	15.10*	.47	-.58	*		0.4246	096		227	801	337	305,323,337,
BL Lac R	VR17.07.02	17 49 9.3	17 42 19.1									337	837	489	648,648,
X	DA 237											721	852	553	1451ubv,642,
	GC											723	859	641	856,1098,1541,
	OI 158											754	907	966	1626,1730,
												755	955	1754	1809,1988,
												861	1084	2228	2046,2062,
												970	1160	2263	2103,2167pol,
												997	1162		856,1056,
												1068	1212		1389phot,781,
												1791	1367		1012,1141,
												1802	1557		1144,1399,
												1932	1775		1580,1589ir,
												1933	1792		1164,1184,
												2054	1807		1357,1649,
												2073	1930		1971mf,936,
												2174	1937		1008,1086,
												2271	2085		1336rvar,966,
															1348uv,1028,
															1789mm,955,
															1057,1088,
															1307,1849,
															2107,2112x,
															1108absr,1388,
															1960rpol,
															749pos,307,
															723fc,1884,
															2259imag
															IRAS source,
															1806;
															superluminal
															source,448,
															1845; faint
															gals near,2118
0736-019	PKS	7 36 2.35	7 38 33.95	17.6			1.033	Mg II 2798		026	432		1111		704pol,
R	3C 185	-1 57 27.9	-2 4 20.6					Ne V 3426					1976		1526vlbi
	4C 01.18							NeIII 3869							
0736-063	PKS	7 36 30.2	7 38 57.13	18.5			1.901*	H I 1216	1.9310	086	571		023	327	954,1000sp,
R	OI 061	-6 20 2.9	-6 26 57.3					N V 1240	1.9132		044		087	954	1526vlbi
								Si IV 1397			1901		1976	1000	
								C IV 1549			2281			1394	
								He II 1640						2228	
								C III 1909						2263	
0736+017	PKS	7 36 42.49	7 39 18.01	16.05*	.43	-.77	0.191	Mg II 2798		111	002	754	128		059ubv,004,
R	OI 061	1 44 0.1	1 37 4.6					H I 4340			334	813	803		900,1541,1730,
X								H I 4861				861	955		1988,2062,
								O III 5007				875	1171		2103pol,1204,
								H I 6563				1068	1212		1322rvar,
												1902	1229		1388rpol,780,
													1367		1144,1399,
													1557		1580,1617,
													1792		2021ir,334,
															958,1181,
															1632sp,1181,
															1679,1941uv,
															1028,1789mm,
															1357,1567,
															1649,1971mf,
															940ext,
															958FeIIem,873,
															955,1980x,749,
															1810,1898pos,
															1466,1526vlbi,
															112,746fc,
															1630,1884imag,
															1942uvvar
															IRAS source,
															1806; 1902avg
															ph mag; faint
															gals near,2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0738+313 R X	OI 363 B2 DW GC	7 38 0.18 31 19 1.8	7 41 10.70 31 12 0.0	16.16*	.07	–.61	0.631*	C II 2326 Mg II 2798 O III 3133 Ne V 3426 O II 3727 H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007	0.2213	113	084 009 443	150 756 875 1068 1902	775 1557 1792 1888	1869 2263	704,1202, 2103pol, 749pos,776, 831,958,1032, 1188sp,936, 1336rvar,958, 1325FeIIem, 1241,1350x, 1617ir, 1526vlbi,096, 110fc,1451ubv 1902avg ph mag
0738–674 R	PKS	7 38 49.76 –67 28 51.2	7 38 56.69 –67 35 50.3	19.8			1.663			031 1707	1866 2199		1707 2056		1707Jmag
0739+398 R	B3	7 39 46.0 39 48 41	7 43 9.95 39 41 31.8	19.2			1.700	C IV 1549 C III 1909		1990	2270				
0740+235 R	OI 267	7 40 44.97 23 35 51	7 43 44.96 23 28 38.7	19 *			0.77	C III 1909 Mg II 2798		009	009	009			
0740+380 R X	3CR 186 4C 38.21 NRAO 273 OI 368 LHE 208	7 40 56.82 38 0 31.0	7 44 17.52 37 53 17.2	17.6	.45	–.71	1.063	C III 1909 Mg II 2798 Ne V 3426		008	102		128 462 774 787 1585 1804 1891 2000 2013		008ubv, 1201pol, 749pos,912, 1107,1980x, 1526vlbi, 245fc
0741+169 R		7 41 3.58 16 55 24.4	7 43 55.58 16 48 11.1	19.5			1.894	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		476	476				
0742+318 R	4C 31.30 OI 371 B2 GC	7 42 30.75 31 50 15.7	7 45 41.68 31 42 56.1	16	.15	–.58	0.462*	Mg II 2798 Ne V 3426 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007 H I 6563	0.1917 0.0000	113	009 443 1731		800 1145 1161 1167 1171	560 1869 2263	704,877, 1202pol, 1337ubv,1181, 1355,1693uv, 749pos,799, 1617,2021ir, 776,831,1032, 1181,1467sp, 793,1159, 1526vlbi,1207, 1261,1688imag, 1325FeIIem faint gals near,2118
0742+333 R	GC	7 42 47 33 20 55	7 46 0.13 33 13 34.3	17.7			(0.61)	Mg II 2798		216	152 476		388 467		1617ir
0743–006 R	PKS 4C 00.28 OI 072	7 43 20.8 –0 36 56.9	7 45 53.84 –0 44 18.6	17.1			0.994	C III 1909 Mg II 2798 H I 4340		1418	1861 1984		1861 1877		026,165fc, 1789mm, 1810pos, 2103pol,2112x
0743–673 R	PKS	7 43 22.9 –67 19 8.4	7 43 32.35 –67 26 25.6	16.37*	.24	–.73	1.511	C IV 1549 C III 1909 Mg II 2798 H I 6563		114 1898	1898 115 1731 1983	745 2054	023 2056		736,1485ubv, 1617,1983ir, 1526vlbi, 1897pos, 2103pol ref 1420 z is incorrect,1898
0745+557 X	1E	7 45 8.2 55 45 27	7 49 9.33 55 37 55.5	17.84	.57	–.86	0.174	O II 3727 H I 4340 H I 4861 O III 4959 O III 5007		1269	1269				1269phot, 1910sp
0745+241 R	B2 PKS OI 275	7 45 35.70 24 7 55.2	7 48 36.08 24 0 23.9	19			0.409	O II 3727 O III 4959 O III 5007		149 412 761	1984				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0746+483 R	OI 478 S4	7 46 40.0 48 22 30	7 50 20.49 48 14 53.2	18.5			1.951	H I 1216 C IV 1549 C III 1909		510	1443		1521 2060		1526vlbi, 1789mm
0747+613 C R	SBS 1 OI 680	7 47 50.17 61 20 6.0	7 52 11.99 61 12 23.3	17.5			2.492*	O VI 1034 H I 1216 N V 1240 O I 1304 C II 1335 Si IV 1397 O IV 1402 C IV 1549 O III 1663 C III 1909	2.210 1.986	507 1285	708 1285		1818 1891	708 2228 2263	1122,2237, 2251sp, 2010imag
0748+126 R	PKS	7 48 5.1 12 38 45.8	7 50 52.09 12 31 5.2	17.8	.32	–.83	0.889	C III 1909 C II 2326 Mg II 2798		010	500 009		010 412 1807		1337ubv,761, 1304sp,1789mm, 1526vlbi,1617, 2021ir, 2103pol
0748+333 R	OI 380 B2 GC	7 48 41 33 21 4	7 51 53.62 33 13 20.3	18.04			1.932	H I 1216 C IV 1549 C III 1909		216	443 476 748		216 1297 2060		1181sp, 1336rvar, 1526vlbi
0749+379 R	UT	7 49 8.8 37 58 41	7 52 28.61 37 50 55.2	16.5			1.20	C IV 1549 C III 1909 Mg II 2798		1437	1437				
0750+339 R	UT	7 50 14.3 33 58 43	7 53 27.71 33 50 53.2	18.5			2.07	C IV 1549 C III 1909		1437	1437				
0751+563 O	PC	7 51 40.7 56 23 6	7 55 42.58 56 15 9.1	19.91			4.285+	H I 1216 N V 1240 O I 1304 Si II 1307 O IV 1402 C IV 1549		2014	2014				2014rmag Ly alpha abs, 2014
0751+298 R	4C 29.27 B2	7 51 50.96 29 49 50.7	7 54 58.32 29 41 54.9	18.5			2.108*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 C III 1909	1.9185	113	009 2049 2281		1818 1891 2162	2049 2263	1617ir, 2266imag
0752+258 R	OI 287 B2 VR25.07.04	7 52 34.88 25 50 37.5	7 55 36.97 25 42 39.1	18.41*	.55	–.35	0.446	Mg II 2798 O II 3727 O III 4959 O III 5007		078	009 828	1902	1200 1367 1708 1887		704,877,900, 1202,1914, 1915pol, 1337ubv, 1222elp,1261, 1700,2259imag, 1026ext, 1617ir 1902avg Bmag
0754+100 BL Lac R X	OI 090.4 PKS	7 54 22.58 10 4 39.8	7 57 6.65 9 56 35.0	15.71*	.43	–.66				655		655 858 970 1902 1932 2073 2271	837 1367 1557 1771 1807		642,655,670, 856,1087,1098, 1541,1626, 1730,1988, 2062pol, 1388rpol,1164, 1254mf,1348uv, 856,1389phot, 781,1012,1141, 1144ir,1057, 1307,2107, 2112x, 1086rvar,655, 761sp,749pos, 1337,1485ubv, 1526vlbi, 1789mm, 1806irvar, 2259imag 1902avg Bmag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0755+147	UT	7 55 32.6	7 58 21.63	18.5			2.39	H I 1216		1437	1437				
R		14 45 29	14 37 19.6					C IV 1549							
0757+604	SBS	7 57 6.0	8 1 21.48	19			1.776	Si IV 1397		2238	2237				
O		60 24 0	60 15 42.0					O IV 1402							
								C IV 1549							
								O III 1663							
								C III 1909							
0758+120	MC 5	7 58 14.49	8 1 0.50	20			2.670*	H I 1216	2.0262	116	116		1818	986	986sp,1092,
R		12 1 43.3	11 53 23.8					Si IV 1397			458		1891	2049	1617ir,
								O IV 1402			2049			2263	2266imag
								C IV 1549			2281				2236sp of fuzz
								C III 1909							
0758+143	3CR 190	7 58 45.05	8 1 33.55	20.32	.52	–.35	1.195	C III 1909		424	137		882		1201pol,1172,
R	PKS	14 23 4.3	14 14 42.7					C II 2326		684			1393		1617ir,1356x,
X	4C 14.25							Mg II 2798					1804		1491ubv,064fc,
	NRAO 278							O III 3133					1891		1526vlbi
	OI 198							Ne V 3426					2000		
	DA 242							O II 3727					2013		
													2085		
0759+341	UT	7 59 33.4	8 2 46.14	18.5			2.44	H I 1216		1437	1437		2162		
R		34 7 46	33 59 20.7					C IV 1549							
0759+651		7 59 53.0	8 4 30.48	15.5			0.148	H I 4861		1860	1923				IRAS source
		65 8 22	64 59 52.8					He I 5876		1923	1860				1860;1923
								H I 6563							strong FeIIem;
															2196CO spec
0800+608	OJ 401	8 0 9.0	8 4 25.39	18.8			0.689	Mg II 2798		581	1003		2067		1653radio jet
R		60 48 38	60 40 8.5												
0801+303	4C 30.13	8 1 34.90	8 4 42.16	18.5			1.446	C IV 1549		033	032		462		831sp,
R	B2	30 21 10.9	30 12 38.1					C III 1909					774		1320rpol,
	VR30.08.01												800		113fc
	OJ 302														
0801+581	SBS	8 1 48.0	8 5 53.80	16.5			0.440	Mg II 2798		2238	2237				
O		58 11 0	58 2 24.6												
0802+103	3CR 191	8 2 3.76	8 4 47.96	18.19*	.25	–.84	1.956*	H I 1216	1.9499	008	119	506	128	117	008ubv,1107,
R	4C 10.25	10 23 56.3	10 15 22.4					C IV 1549	1.9453		117	1902	462	118	1980x,1513elp,
X	PKS							He II 1640	1.3547		118		789	119	1617ir,
	OJ 103.3							C III 1909			2049		882	120	1818pos,050,
	DA 243										2281		1585	1110	505fc
	NRAO 279												1804	1749	1795rpol jet
													1818	2049	2105rm jet
													1891	2228	1902avg ph mag
													2000	2263	
													2013		
0804+761	PG	8 4 35.4	8 10 58.46	15.15			0.100	O III 4959		1117	1117		2011		1487,1980,
C		76 11 32	76 2 41.9					O III 5007							2112x,1598sp,
X															1729,2005ir,
R															2061uv
															22.4 arcmin
															from gal
															A0805+76,1650;
															0.100zgal near
															1788; 24arcsec
															from anon gal,
															0.100zgal,1788
															2118; faint
															gals near,2118
0804+499	OJ 508	8 4 58.3	8 8 39.57	17.5			1.43	C IV 1549		510	1443		988		1280,1526,
R	S4	49 59 23	49 50 36.5					C III 1909			1997		1152		1862vlbi,
	GC							Mg II 2798					1543		2103pol
													2060		

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0805+046 R X	4C 05.34 OJ 008	8 5 19.17 4 41 20.5	8 7 57.51 4 32 34.6	18.35*	.37	–.04	2.880*	O VI 1034 H I 1216 N V 1240 O I 1304 C II 1335 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 C III 1909	2.8786 2.4775 2.4509 1.0142 0.9598 0.7029	124	122 331 1865 1874 2049 2281	254 290 506 756 875 1068 1902	128 462 775 1170 1818	123 125 126 911 935 1874 2049 2228 2263	121ubv,345, 582,911,954, 986,1865sp, 1092ir,873x, 506fc, 1526vlbi, 2266imag Ly alpha abs, 935; Ly limit abs,z=2.651, 1874; 1902avg ph mag; 2236sp of fuzz
0805+047 O	KP 2	8 5 29.0 4 45 31	8 8 7.41 4 36 44.5	18.5			2.055	H I 1216 C IV 1549		457	867 2199				873xnd,853rnd
0805+410 R	UT	8 5 33.8 41 1 33	8 8 56.80 40 52 44.9	19			1.42	C IV 1549 C III 1909		1437	1437				1526vlbi
0805–077 R	PKS	8 5 49.63 –7 42 24.0	8 8 15.62 –7 51 11.4	18.4			1.837	H I 1216 O IV 1402 C IV 1549 He II 1640 Mg II 2798		052	1861		1861		
0805+578 R	4C 57.15	8 5 58.79 57 52 36.2	8 10 2.49 57 43 45.3	19			0.438	Mg II 2798 Ne V 3426		507	508		1111 1888		1003sp
0808+289 R	B2	8 8 32.18 28 54 2.2	8 11 36.92 28 45 3.6	18.8			1.887*	H I 1216 Si IV 1397 C IV 1549 C III 1909	1.8753 1.8332 1.1417 1.0472 0.6492	138	404 2049		783 790 1476 1790 1818	2049 2263	
0808+019 BL Lac R X	PKS DW OJ 014	8 8 51.1 1 55 50.3	8 11 26.67 1 46 51.4	17.5 *	.38	–.64				045			1367 1441 1557		323,1485ubv, 323pol,1008, 1086rvar, 2259imag, 044sp,1441, 2112x, 1526vlbi, 1789mm
0809+558 C	NGC 2534 U1	8 9 11 55 49 45	8 13 7.22 55 40 42.5	18.7			2.40			948	1421				2.02 arcmin from NGC 2534, 2118
0809+481 X	1E	8 9 52.7 48 9 32.7	8 13 28.90 48 0 28.2	19.1			0.459	Mg II 2798 H I 4102 H I 4340 H I 4861 O III 5007		1416	1416				1048x
0809+483 R X	3CR 196 4C 48.22 CTA 45 OJ 417 DA 246 NRAO 285	8 9 59.39 48 22 7.7	8 13 36.03 48 13 2.8	17.79*	.57	–.43	0.871*	C III 1909 Mg II 2798 Ne V 3426 O II 3727	0.8714 0.4369	067	102	006 066 127 290	128 462 534 787 917 1105 1804 1891 2013	2114 2262 2263 2267	063,067, 127ubv,1201, 2103pol,1280, 1526,1631vlbi, 912,1107, 1980x,1090, 1889absr,161, 245,295fc, 1789mm,1926, 2180spext, 2174varnd
0810+327 R	B2	8 10 59.59 32 46 39.8	8 14 9.24 32 37 32.0	18			0.842	C III 1909 Mg II 2798		138	152		790 1790 1888		
0812+367 R	OJ 320 B2 CSO 182	8 12 10.56 36 44 28.9	8 15 25.79 36 35 16.7	18			1.025	C III 1909 Mg II 2798			342		993 1145 1167		1526vlbi
0812+332 R	B2	8 12 24.03 33 14 42.1	8 15 34.18 33 5 29.2	18			2.420+	H I 1216 C IV 1549		216	476		216 2162	476	

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0812+020	PKS	8 12 47.28	8 15 22.97	16.43*	.18	−.77	0.402*	Mg II 2798		050	054	875	128	054	551,761,1093,
R	4C 02.23	2 4 11.7	1 54 58.4					O III 3133				1068	775		1304sp,940ext,
	OJ 021							Ne V 3345				1902	1093		1222elp,
	MSH 08+02							Ne V 3426					1111		1526vlbi,
								O II 3727					1804		079fc,1485ubv
								NeIII 3869					1877		in cluster
								H I 4102					1888		of gals,1839;
								H I 4340							z=0.3,gal 6
								H I 4861							attached to
								O III 4959							QSO,2272;anon
								O III 5007							gal near,0.40
															zgal,2118;
															1902avg ph mag
0814+578	NGC 2549	8 14 16	8 18 17.61	18.9			2.40			948	1421				6.83 arcmin
C	BSO 1	57 52 54	57 43 32.8												from NGC 2549,
															2.23 arcmin
															from anon gal
															0.0263zgal,
															2118
0814+350		8 14 27.66	8 17 40.16	20.0			1.348			1446	1447				
R		35 4 12.9	34 54 52.4												
0814+227	4C 22.20	8 14 38.15	8 17 35.05	18			0.98	C III 1909		033	032		128		831sp,202fc
R	NRAO 287	22 46 38.6	22 37 17.9					Mg II 2798					462		
	OJ 225												774		
	3C 197												775		
	B2												800		
0814+425	OJ 425	8 14 51.67	8 18 16.00	18.5			(0.258)			2121	2121				
	S4	42 32 7.7	42 22 45.4												
0818−128	OJ 131	8 18 36.24	8 20 57.44	17.01*						655		655	837		642,655,670,
BL Lac R	PKS	−12 49 24.9	−12 58 58.9									858	1200		1541,1626,
												1895	1367		1988,2062pol,
												1902	1557		781,1141ir,
												2054	1961		1164mf,
												2073	2056		1057xnd,
															1526vlbi,
															655sp,1789mm,
															1902OVV,2112x
															1902avg Bmag
0819−032	PKS	8 19 9.54	8 21 40.13	18.2			2.352	H I 1216		045	410		803		761,1304sp,
R		−3 13 38.8	−3 23 15.0					N V 1240							1320rpol,
								O I 1304							1526vlbi
								C II 1335							
								O IV 1402							
								C IV 1549							
								He II 1640							
								C III 1909							
0820+225	PKS	8 20 28.57	8 23 24.81	19.2			0.951*	H I 1216	2.0218	2121	2121b				
R	4C 22.21	22 32 44.7	22 23 3.1					C IV 1549							
	MG 0823+2223														
0820+121	H0830+026	8 20 37.24	8 23 22.62				1.695	Si IV 1397		2279	2279				
		12 9 27.8	11 59 46.0					C IV 1549							
0820+560	OJ 535	8 20 53.21	8 24 47.24	18.0			1.417	C IV 1549		009	1003		534		1526vlbi
R	4CP56.16A	56 2 27.8	55 52 43.1					C III 1909			009		1521		
								Mg II 2798			508				
0821+621	4CP62.12B	8 21 22.25	8 25 37.95	17.6			0.542	Mg II 2798		507	1288		1145		538sp
R		62 7 20.5	61 57 33.4					H I 4340					1166		
0821+103	H0830+008	8 21 27.41	8 24 11.01				2.170	H I 1216		2279	2279				
		10 22 45.1	10 13 0.4					Si IV 1397							
								C IV 1549							
0821−153	MC	8 21 29.06	8 23 47.83	19.3			1.345	C IV 1549		1445	1445				
R	PKS	−15 20 37.4	−15 30 21.6					He II 1640							
								C III 1909							
								Mg II 2798							
								Ar IV 2854							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0821+394 R	4C 39.23 OJ 336 LHE 226 B2 GC	8 21 37.26 39 26 28.0	8 24 55.43 39 16 41.7	18.5			1.216	C IV 1549 C III 1909 Mg II 2798		033	032 009		462 774		831sp, 1320rpol, 1526vlbi
0821+447 R	4C 44.17	8 21 49.86 44 46 22.1	8 25 17.14 44 36 34.8	18.1			0.904	C III 1909 Mg II 2798		507	1003 538 580		534 1166 1888		
0822+272 C	W1	8 22 45.91 27 14 10	8 25 47.35 27 4 20.1	17.7			(2.06)			530	689				
0823+033	PKS OJ 038 MG 0825+0309	8 23 13.56 3 19 15.7	8 25 50.36 3 9 24.9	18.0			0.506			2103 2121	2103 2121				
0823−223 BL Lac R	PKS	8 23 50.7 −22 20 35.0	8 26 2.21 −22 30 27.3	15.7			*		0.9103	412			011	2101 2199 2263	
0823+147	H0830+046	8 23 55.71 14 44 20.3	8 26 43.53 14 34 26.7				2.318	H I 1216 C IV 1549		2279	2279				
0824+110 R X	MC 5 H0830+022	8 24 22.39 11 2 19.4	8 27 6.54 10 52 24.3	18.5			2.278*	N II 1085 H I 1216 Si IV 1397 O IV 1402 C IV 1549	2.1803 2.1090 1.6229 0.4990	116 1898	116 458 589 2279		116 1818	589 2228 2263	1005x,1617ir, 1526vlbi
0824+355 R	4C 35.20	8 24 26.61 35 35 1.1	8 27 38.65 35 25 5.0	20.5			2.249	C IV 1549 C III 1909		1380	1943		1271		1380rmag
0825+472 O	PC	8 25 38.9 47 15 21	8 29 10.31 47 5 20.1	19.08			1.977	Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798		1546	1546				
0825+103	H0830+011	8 25 52.75 10 22 17.7	8 28 36.21 10 12 17.4				2.112	H I 1216 N V 1240 Si IV 1397 C IV 1549		2279	2279				
0825+132	H0830+030	8 25 59.48 13 13 1.1	8 28 45.70 13 3 0.3				2.350	H I 1216 C IV 1549		2279	2279				
0827+193 R	4C 19.30 OJ 145 PKS	8 27 10.95 19 20 47.5	8 30 3.30 19 10 42.4	18	*		0.658	C III 1909 Mg II 2798		129	100 436	506	789 1888		1188sp
0827+243 R X	OJ 248 AO B2	8 27 54.41 24 21 7.7	8 30 52.10 24 10 59.9	17.26*	.36	−.79	0.939*	C III 1909 Mg II 2798	0.5248	130	747 009 044	747	955 1888	482 747 2228 2263	1201pol,1112, 1526vlbi, 750pos,955x, 1108absr, 1422ubv, 2251sp
0827+378 R	4C 37.24 OJ 346.5 B2 CSO 193	8 27 55.12 37 52 18	8 31 10.02 37 42 9.7	18.11	.42	−.81	0.914	C III 1909 Mg II 2798		033	002		128 462 774 800 1996		059ubv
0828−706 X	H	8 28 16 −70 38 55	8 28 17.22 −70 48 59.1	16.65	.41	−.75	0.239			2177	2177				pos from HEAO cat
0828+124	H0830+059	8 28 30.34 12 29 54.5	8 31 15.76 12 19 45.0				2.798	H I 1216 N V 1240 Si IV 1397		2279	2279				2279BAL
0828+493 BL Lac R	OJ 448	8 28 48.20 49 23 34.1	8 32 23.45 49 13 22.2	18.82*	.64	−.61			.	153		1288 2054	153 507 1152 1544 2060 2144		133,1288sp, 1422ubv, 1526vlbi, 1789mm, 2046pol,2112x, 2144rvar

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0829+046	OJ 049	8 29 10.91	8 31 48.90	16.66*	.70	-.37				010		009	837		323,1485ubv,
BL Lac R	PKS	4 39 51.1	4 29 39.4									718	1160		703,877,1541,
X												970	1171		1730pol,1348,
												1902	1200		1679uv,1057,
													1367		1307,2112x,
													1557		1008,1086rvar,
															009,501,761sp,
															1056phot,781,
															1144ir,1164,
															1649mf,237fc,
															1526vlbi,
															2259imag
															IRAS source,
															1806; OVV;
															1902avg Bmag;
															0.18zgal,2205
0829+337	B2	8 29 27.8	8 32 36.66	18.5			1.10	C III 1909		113	131				
R	UT	33 42 14	33 32 0.5					Mg II 2798			1437				
0829+111		8 29 28.9	8 32 12.94	20.2	-1.50		0.453			1314	1314				
X		11 6 34	10 56 21.1												
0830+115	MC 5	8 30 29.94	8 33 14.38	18.5			2.979*	O VI 1034	2.7664	116	116		1170	589	873xnd,582,
R		11 33 52.9	11 23 36.5					H I 1216	2.7084	1898	458		1818	1874	986sp,1092ir,
								N V 1240	2.4496		589		2162	2228	1526vlbi
								Si IV 1397	2.2168		1440			2263	
								O IV 1402	2.1247		1874				
								N IV 1488	0.9166		2281				
								C IV 1549	0.8036						
								C III 1909							
0830+112		8 30 35.7	8 33 19.85	17.5			0.589	Mg II 2798			027		1170		873x
		11 15 30	11 5 13.3					O III 4363							
X															
0831+106	H0830+013	8 31 1.28	8 33 44.80				2.246	H I 1216		2279	2279				
		10 37 5.2	10 26 47.0					N V 1240							
								Si IV 1397							
0831+349		8 31 9.78	8 34 20.15	19.2			1.405			1446	1447				
R		34 59 6.6	34 48 47.2												
0831+128	H0830+056	8 31 23.11	8 34 8.72	17.8			2.748*	O VI 1034	2.0844	1440	1440			1872	
O		12 48 52.5	12 38 33.0					H I 1216			1872			2228	
								N V 1240			2279			2263	
								O I 1304							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
0831+119	H0830+062	8 31 34.19	8 34 18.93				0.982	C III 1909		2279	2279				
		11 54 51.2	11 44 31.1												
0831+101	MC 5	8 31 57.57	8 34 40.61	18			1.758*	H I 1216	1.7589		027		1818	2049	1617ir,
R		10 8 16.5	9 57 55.1					C IV 1549			2049		1976	2263	1818pos,458sp
								C III 1909			2281				
								Mg II 2798							
0832+100	H0830+070	8 32 8.01	8 34 50.93				0.661	Mg II 2798		2279	2279				
		10 1 6.5	9 50 44.5												
0832+251	PG	8 32 37.6	8 35 35.81				0.320				1260				1729,2005ir
C		25 10 4.3	24 59 40.2												2.6arcmin from
															NGC 2611,faint
															gals near,2118
0833+654	3CR 204	8 33 18.02	8 37 44.88	18.21	.55	-.99	1.112	C IV 1549		008	098		462		008ubv,
R	4C 65.09	65 24 4.4	65 13 35.6					C III 1909					534		1320rpol,696,
X	NRAO 297												775		912,1107,
													787		1980x,245fc
													870		
													917		
													1166		
													1167		
													1235		
													1891		
													2013		

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0833+276 R	OJ 256	8 33 22 27 39 19	8 36 22.96 27 28 52.3				0.765	C III 1909 Mg II 2798			458		1520 1888		
0833+585 R	S4 GC	8 33 23.7 58 35 29	8 37 22.35 58 25 0.6	18			2.101	H I 1216 C IV 1549		510	1443		988 1152 1521		1526vlbi
0833+446 C	US 1329	8 33 33.9 44 36 29	8 36 58.83 44 26 1.0	15.51			0.255	O II 3727 H I 4340 H I 4861 O III 4959 O III 5007		1001	1255				1423,2047sp, 2137Bmag, 2137varnd
0834+096	H0830+073B	8 34 13.01 9 36 11.9	8 36 55.47 9 25 42.8				0.814	Mg II 2798		2279	2279				
0834–201 R	PKS	8 34 24.60 –20 6 30.1	8 36 39.22 –20 16 59.1	19.4			2.752	H I 1216 Si IV 1397 O IV 1402 C IV 1549		086	1418		1557 1792 2056 2162		1483rvar, 1526vlbi, 1810pos, 2103pol
0834+096	H0830+073A	8 34 34.44 9 37 45.5	8 37 16.92 9 27 15.2				2.238	H I 1216 Si IV 1397 C IV 1549		2279	2279				
0834+250 R	OJ 259 B2 GC	8 34 42.34 25 4 54.2	8 37 40.27 24 54 23.0	18			1.122	C IV 1549 C III 1909 Mg II 2798		132	009		1520		1526vlbi 3.47 arcmin from NGC 2620, 5.33 arcmin from NGC 2621, 8.32 arcmin from NGC 2622, 2118
0835+580 R X	3CR 205 4C 58.16 OJ 558 NRAO 298 DA 254	8 35 10.02 58 4 51.8	8 39 6.48 57 54 17.5	17.62	.49	–.49	1.536*	C IV 1549 He II 1640 C III 1909	1.5427 1.538 1.5343 1.4353	064	005 571 1901 2049 2281		128 462 534 775 787 917 1153 1166 1235 1476 1636 1818 1891 2013	005 560 571 1635 1749 2049 2228 2263	005,059ubv, 912,1107, 1980x, 1526vlbi, 245fc 10 arcsec from anon gal,0.236 zgal,2118
0836+443 C	US 1420	8 36 11.4 44 18 51	8 39 35.33 44 8 14.1	17.46			1.473	C IV 1549 C III 1909		1001	1255				2137varnd, 2137Bmag
0836+195 R	4C 19.31 LB 384 OJ 160	8 36 15.00 19 32 24.6	8 39 6.97 19 21 48.4	17.6 *	0.00	–.81	1.691*	H I 1216 C IV 1549 Ne IV 1602 He II 1640 O III 1663 Si II 1817 C III 1909	1.6723 1.4246 1.3457 1.2751	133	133 018	506	462 775 789 1145 1818 1891 1976	327 1635 2228 2263	121ubv, 1320rpol, 1159vlbi, 1617ir, 1813ir/r, 1513elp, 2099mm
0836+710 R	4C 71.07 S5	8 36 21.56 71 4 22.1	8 41 24.36 70 53 41.9	16.5			2.17			1443 1811	996		1145 1338 1667 1793 1937		996,1862vlbi, 1789,1855mm, 2103pol,2133, 2174varnd radio jet 2074
0836+654 O		8 36 37.5 65 24 1	8 41 3.01 65 13 21.0	19.0			1.9	H I 1216		1439	1439				
0836+182 BL Lac R		8 36 40.10 18 13 24.9	8 39 30.72 18 2 47.3	16.8 *						476		970			476sp,996vlbi, 877pol,2112x, 2259imag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0836+113 O	H0830+064	8 36 48.99 11 22 41.9	8 39 33.02 11 12 4.0	18.8			2.696*	H I 1216 N V 1240	2.469 2.4660 1.8221 0.7874 0.3680	1440	1440 2279			1550 1551 2106 2115 2228 2263 2279	damped Ly alpha,1550, 2241
0837+109 O		8 37 0 10 54 0	8 39 43.58 10 43 21.5				3.326*	H I 1216 C IV 1549	3.1430 2.9558 2.4165 1.4634		1872			1872 1873 2228 2263	
0837+470 C	US 1443	8 37 1.4 47 1 57	8 40 30.16 46 51 17.2	17.22			1.564	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1001	1255				2137Bmag, 2137varnd
0837–120 R X	3C 206 PKS NRAO 299 OJ 162	8 37 27.95 –12 3 54.2	8 39 50.62 –12 14 33.8	15.76*	.02	–.85	0.198	Mg II 2798 He II 3203 Ne V 3345 Ne V 3426 O II 3727 NeIII 3869 NeIII 3968 H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		086	954 054 334 468	099 256 290 2006	023 775 2056		099ubv,099, 877,1202pol, 1222,1797elp, 780,799,886, 1319,1530, 1617,2021ir, 868,1032, 2081sp,1183x, 868,940ext, 1320rpol,1700, 1884,1911, 2145imag, 1701uv,468fc, 1813ir/r, 2006OVV, 2099mm in cluster gals,2006 0.193zgal, 6.8 arcsec W, 2006;gal pair 0.203zgal, 11 arcsec NE,868 10 arcsec from anon gal,0.236 zgal,2118
0837+497 C	NGC 2639 U15	8 37 34.00 49 43 56.1	8 41 8.10 49 33 14.3	19.3			1.535	C IV 1549 C III 1909 Mg II 2798		545	1103 545				47.7 arcmin from NGC 2639, 2118
0838+133 R X	3CR 207 4C 13.38 PKS OJ 163 NRAO 300 DA 255	8 38 1.72 13 23 5.6	8 40 47.59 13 12 23.5	18.15*	.43	–.42	0.684	C III 1909 Mg II 2798		008	002	506	128 462 789 1167 1340 1591 1891 2013		008ubv,912, 1107,1980x, 1159,1526vlbi, 050,506fc 1795rpol jet
0838+359 C	CSO 199	8 38 7.6 35 55 42	8 41 18.34 35 44 59.0	16			1.775+	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1533	1992			1992	1992Bmag
0838+376	CG 200	8 38 9.0 37 37 12	8 41 22.09 37 26 28.8	17			0.14	O III 5007 H I 6563		1533	2213				
0838+106	H0830+001A	8 38 25.72 10 36 55.6	8 41 8.98 10 26 12.3				1.922+	Si IV 1397 C IV 1549		2279	2279			2279	
0838+770 C	PG	8 38 32.0 77 3 59	8 44 45.58 76 53 9.5	16.30			0.131	H I 4861 O III 4959 O III 5007		1117	1117				1117Bmag
0838+134 X	1E	8 38 38.3 13 24 38.2	8 41 24.16 13 13 54.1	19.6			0.723	Mg II 2798		1416	1416				1048x
0838+131 O		8 38 48.4 13 10 0	8 41 34.03 12 59 15.3	19.1			1.88	H I 1216 C IV 1549		1439	1439				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0838+456	US 1498	8 38 49.8	8 42 15.55	17.39			1.406	C IV 1549		1001	1255				2137Bmag,
C		45 36 33	45 25 47.2					C III 1909							2137varnd
								Mg II 2798							
0838+133		8 38 50.5	8 41 36.28	19.0			1.80	H I 1216		1439	1439				
O		13 19 42	13 8 57.2					C IV 1549							
0838+501	NGC 2639	8 38 55.81	8 42 30.50	18.1			0.305	H I 4861		545	545				1026,1207ext,
C	U10	50 8 50.4	49 58 4.0					O III 4959			1103				1261imag
								O III 5007							18.33 arcmin
															from NGC 2639,
															2118
0839+616	4C 61.19	8 39 4.54	8 43 12.46	17			0.862	C III 1909		096	009		534		704,1202pol,
R	OJ 665	61 40 31.4	61 29 43.6					Mg II 2798					782		129fc
													1166		
													1804		
0839+187	UT	8 39 14.1	8 42 5.11	16.36	.27	−.84	1.27	C IV 1549		1437	1437		124		458sp,149fc,
R	GC	18 46 27	18 35 40.8					C III 1909					2085		1485ubv
0839+447	55W 110	8 39 28.5	8 42 52.60	19.1			1.79	C IV 1549		1387	1387		1405		
O		44 45 12	44 34 24.1					C III 1909		1406					
R										1497					
0839+446		8 39 33.3	8 42 57.16	20.6			2.80	H I 1216		1387	1387				
O		44 37 30	44 26 41.8												
0839+186	LB 6158	8 39 58.38	8 42 49.26	18.40	.22	−.88	2.052	H I 1216			573				573ubv
C		18 41 6.4	18 30 17.7					Si IV 1397							
								O IV 1402							
								C IV 1549							
0839+444		8 39 59.0	8 43 22.41	18.5			2.22	H I 1216		1387	1387				
O		44 24 48	44 13 58.4												
0840+501	NGC 2639	8 40 0.03	8 43 34.52	19.4			2.80 *	LYB 1026	2.37	545	1103			1103	1026ext
C	U8	50 10 0.3	49 59 10.4					H I 1216			545			2263	13.83 arcmin
								Si IV 1397							from NGC 2639,
								C IV 1549							2118
0840+499	NGC 2639	8 40 9.65	8 43 43.54	18.7			(0.78)			545	545				1103pos
C	U4	49 54 13.0	49 43 22.6												29.83 arcmin
															from NGC 2639,
															5.5arcmin from
															anon gal,2118
0840+448		8 40 11.9	8 43 36.08	21.1			2.49	H I 1216		1387	1387				
O		44 52 30	44 41 39.7												
0840+447		8 40 14.9	8 43 38.86	20.6			(3.30)	H I 1216		1387	1387				
O		44 45 18	44 34 27.5												
0840+109	H0830+065	8 40 24.66	8 43 8.13				0.507	Mg II 2798		2279	2279				
		10 55 7.6	10 44 17.6												
0840+450		8 40 24.7	8 43 49.16	19.1			2.73	H I 1216		1387	1387				
O		45 3 36	44 52 45.0												
0840+446		8 40 32.2	8 43 55.84	21.5			2.20	H I 1216		1387	1387				
O		44 36 12	44 25 20.6												
0840+499	NGC 2639	8 40 40.89	8 44 14.71	18.8			1.177	C III 1909		545	545				28.83 arcmin
C	U1	49 55 37.4	49 44 45.2					Mg II 2798			1103				from NGC 2639,
															3.13 arcmin
															from anon gal,
															0.0056zgal,
															2118
0840+499	NGC 2639	8 40 46.62	8 44 20.42	19.5			1.105			545	545				1103pos
C	U2	49 55 29.7	49 44 37.2												29.5 arcmin
															from NGC 2639,
															3.68 arcmin
															from anon gal,
															2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	 Z	 VAR	 R	 ABS	NOTES
0840+499 C	NGC 2639 U3	8 40 55.50 49 59 55.9	8 44 29.42 49 49 2.9	19.1			1.522			545	545				1103pos 25.83 arcmin from NGC 2639, 5.03 arcmin from anon gal, 2118
0841+495 C	NGC 2639 U14	8 41 9.71 49 34 47.5	8 44 42.69 49 23 53.8	19			2.132+	H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909		545	1103 545			1103	51.17 arcmin from NGC 2639, 2118
0841+449 O		8 41 22.0 44 55 36	8 44 46.05 44 44 41.8	20.9			2.17	H I 1216		1387	1387				13 arcsec from anon gal,1387, 2118
0841+450 O		8 41 23.3 45 5 54	8 44 47.64 44 54 59.7	20.4			2.03	C IV 1549 C III 1909		1387	1387				
0841+174 C		8 41 30.29 17 29 39.9	8 44 19.91 17 18 46.2	18.17*	.20	−1.10	(0.891)	C III 1909 Mg II 2798		737	573	737			737ubv
0841+498 C	NGC 2639 U5	8 41 38.12 49 50 48.2	8 45 11.56 49 39 52.9	18.3			(1.494)			545	545				1103pos 37 arcmin from NGC 2639,2118
0841+129 BL Lac O R		8 41 38.9 12 56 43	8 44 24.20 12 45 48.9	18.5					2.51 2.5057 1.9385 1.9239	2234				2234	
0842−754 R	PKS MC	8 42 11.47 −75 29 36.2	8 41 27.42 −75 40 26.6	18.9			0.524	Mg II 2798 Ar IV 2854 Ne V 3345 Ne V 3426 O II 3727 NeIII 3869 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		432	432 466		023 386 2056		1483rvar, 2229sp,310, 675fc, 1526vlbi
0842+448 O		8 42 14.9 44 53 36	8 45 38.72 44 42 38.9	21.4			2.36	C IV 1549 C III 1909		1387	1387				
0842+446 O		8 42 18.7 44 38 42	8 45 42.08 44 27 44.7	20.6			2.31	H I 1216		1387	1387				
0842+498 C	NGC 2639 U7	8 42 21.85 49 49 23.9	8 45 55.07 49 38 26.2	19.3			2.00	H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909		545	1103				41.67 arcmin from NGC 2639, 2118
0842+345 C	CSO 203	8 42 30.5 34 31 54	8 45 38.81 34 20 56.5	17			2.126+	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1533	1992				1533BAL, 1992Bmag
0842+449 O		8 42 34.6 44 56 54	8 45 58.45 44 45 55.8	19.1			2.30	C IV 1549 C III 1909		1387	1387				32 arcsec from spiral gal, 1387,2118
0842+445 O		8 42 47.6 44 31 36	8 46 10.68 44 20 37.1	21.7			2.15	H I 1216		1387	1387				
0842+175 C		8 42 49.63 17 34 9.8	8 45 39.24 17 23 11.7	18.61*	−.10	−1.00	(0.270)	Mg II 2798		737	573	737			737ubv
0842+445 O		8 42 56.8 44 32 48	8 46 19.89 44 21 48.6	21.1			1.87	C IV 1549 C III 1909		1387	1387				
0842+181 C	LB 8644	8 42 59.51 18 10 22.0	8 45 49.69 17 59 23.3	18.01*	.18	−.95	(1.470)	C IV 1549 C III 1909			573	737			573ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
										ID	Z	VAR	R	ABS	
0843+446	49/W3	8 43 0.2	8 46 23.52	21.8			1.10			1978	1978		1978		
R		44 41 14	44 30 14.4												
0843+136	4C 13.39	8 43 1.35	8 45 47.25	17.8	.45	-1.05	1.875*	H I 1216	1.7067	124	121	506	462	560	121ubv,1818,
R	OJ 171	13 39 57.4	13 28 58.7					C IV 1549	0.6073				789	1635	1891pos
								C III 1909					1818	2228	
														2263	
0843+161		8 43 2.02	8 45 50.25	18.15*	0.00	-1.00	(0.863)	C III 1909		737	573	737			737ubv
C		16 8 39.7	15 57 40.9												
0843+148		8 43 20.78	8 46 7.81	18.64	.10	-.80	1.414	C IV 1549		737	573				737ubv
C		14 53 39.6	14 42 39.8					C III 1909							
0843+447		8 43 26.3	8 46 49.58	21.8			2.86	H I 1216		1387	1387				
O		44 42 42	44 31 41.0												
0843+349		8 43 50.59	8 46 59.31	18.5			1.575			1446	1447				1487x,
R		34 59 27.2	34 48 25.3												2100FeIIem
X															
0844+377		8 44 1.0	8 47 13.39	17.7	-.50		0.451			1265	1265				1265ubv,1026,
X		37 43 54	37 32 51.4												1207ext,
															1261imag,
															1910sp
0844+444		8 44 7.8	8 47 30.50	19.1			2.37	C IV 1549		1387	1387				
O		44 27 12	44 16 8.8					C III 1909							
0844+446	55W 179	8 44 21.61	8 47 44.56				0.465			1406	1396				19.06Jmag,1396
R		44 37 15.2	44 26 11.2												
0844+319	4C 31.32	8 44 51.8	8 47 56.63	18.87			1.834	H I 1216		033	044		462		1320rpol,033,
R		31 59 2	31 47 56.8					Si IV 1397		568	032				450fc
								O IV 1402			831				30 arcsec from
								C IV 1549							IC 2402,2118
0845+378		8 45 7.1	8 48 19.50	17.9	-.30		0.307			1265	1265				1265ubv,1207,
X		37 51 32	37 40 25.8								1314				1261imag,1026,
															1207ext,
															1095spext,
															1910sp
0845+159		8 45 11.7	8 47 59.65	19.01			1.321	C III 1909			1859				
O		15 58 41	15 47 35.2					Mg II 2798							
0845-051	PKS	8 45 29.55	8 47 58.71	19			1.242	C IV 1549		011	501		011		761,1304sp
R	OJ 076	-5 9 26.7	-5 20 33.1					C III 1909							
								Mg II 2798							
0845+302	CSO 2	8 45 59.9	8 49 2.52	16			0.660	Mg II 2798		1370	1992				1992Bmag
C	TON 11	30 13 54	30 2 45.2					O II 3727							
								NeIII 3869							
								NeIII 3968							
								H I 4340							
0846+145	LB 8707	8 46 1.08	8 48 47.64	18.17*			1.693	H I 1216		018	1803	737			
C		14 32 4.3	14 20 55.8					Si IV 1397			573				
								O IV 1402							
								C IV 1549							
								C III 1909							
								Mg II 2798							
0846+156		8 46 20.50	8 49 8.11	18.3			2.912*	H I 1216	2.8977	1440	1874			1440	1208,1440,
O		15 40 41.0	15 29 31.4					N V 1240	2.8864		1440			1874	1874BAL
								Si IV 1397	2.8745					2228	Ly limit abs,
								O IV 1402	2.858					2263	1874
								C IV 1549	2.795						
									2.594						
									2.2800						
									1.8097						
									1.3733						
									0.7698						

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0846+513 BL Lac C R	W1	8 46 22.51 51 19 39.9	8 49 58.03 51 8 29.0	17 *	.70	-.32	1.86	C IV 1549 C III 1909		546	546	546 658 1068 2174	1127 1175 1851 2144		546ubv,900, 1175,1541pol, 1056phot, 2144rvar,2010, 2023imag, 2112x 35 arcsec from NGC 2681,11 arcsec from anon spiral, 0.072zgal, 1650,2118; IRAS source, 1806;
0846+149 C	LB 8716	8 46 25.63 14 59 4.3	8 49 12.59 14 47 54.5	18.26*	.39	-.82	(0.865)	C III 1909 Mg II 2798			573	737			573ubv
0846+434 C	US 1742	8 46 39.1 43 28 2	8 49 59.69 43 16 50.6	17.40			0.693	Mg II 2798		1001	1255				2137Bmag, 2137varnd
0846+152 O		8 46 50.95 15 17 33.7	8 49 38.17 15 6 22.5	19.1			2.629	O VI 1034 H I 1216 C IV 1549		1440	1440				
0846+100 R	4C 09.31 PKS OJ 078	8 46 57.3 10 0 42	8 49 39.72 9 49 30.6	19.20	.20	-.78	0.366	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4861 O III 4959 O III 5007		124	121	506	462 775 789 1171		121ubv, 1207ext,1261, 1884,1911imag, 1320rpol, 746fc faint gals near,2118
0847+100 R	21 W 17	8 47 7.5 10 1 49	8 49 49.93 9 50 37.0	18.5			2.8				1424		1424 2162		
0847+155 O	KP 3	8 47 15.0 15 30 2	8 50 2.39 15 18 49.5	21.0			2.19	H I 1216 C IV 1549		457	867				873xnd,853rnd
0847+190 C	LB 8741	8 47 38.65 19 5 3.1	8 50 29.41 18 53 49.2	16.6 *	-.20	-.50	0.568	Mg II 2798			030	737			135ubv,704, 1202pol,850, 853,921rnd, 921,992, 1617ir, 921phot, 1420sp, 1420FeIIem 9.32 arcmin from NGC 2677, 2118
0847+156 O	KP 5	8 47 40.5 15 39 36	8 50 28.02 15 28 22.1	19.0			2.041			457	1830 853				853rnd
0847+156 O R	KP 4	8 47 40.5 15 40 40	8 50 28.04 15 29 26.1	18.0			2.667+	O VI 1034 H I 1216		457	1830 867		457 2162	1830	873xnd,853rnd 64 arcsec from KP 5,1830
0847+429 C	US 1786	8 47 56.8 42 54 50	8 51 16.25 42 43 34.4	17.45			0.487	Mg II 2798		1001	1255				2137Bmag, 2137varnd
0847+204 C	LB 8746	8 47 56.88 20 25 39.3	8 50 48.92 20 14 24.4	18.12*	.24	-.62	0.693	C III 1909 Mg II 2798			573	737			573ubv
0848+155 C X R	LB 8755 OJ 180	8 48 4.48 15 33 31.4	8 50 51.88 15 22 16.2	17.7 *	-.20	-.60	2.017+	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 N III 1750 C III 1909		018	1872 018 030 100 1000 2281	737 1242	789 853 1118 1818 1891	1000 1872	303,1485ubv, 873x,1242, 2251sp, 1513elp
0848+120 C	LB 3597	8 48 14.7 12 2 54	8 50 58.89 11 51 38.3	20.2	.20		2.58	H I 1216 C IV 1549		329	329				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0848+163 C	LB 8775	8 48 53.7 16 23 39.8	8 51 41.83 16 12 22.0	16.9 *	–.20	–.50	1.926*	H I 1216 N V 1240 Si IV 1397 C IV 1549	1.9176 1.4686 1.4575 0.5903 0.5862		1872 030 2281	737 1068		560 1000 1394 1635 1747 1872 1873 1969 2228 2263	135ubv,704, 1202pol,850, 853,921, 1586rnd,992ir, 1000,2251sp, 1513elp
0849+287 R X	B2 1E	8 49 5.8 28 45 15.9	8 52 6.40 28 33 57.1	20.2			1.273	C III 1909 Mg II 2798		1416	1416		991		1048x
0849+120 C	LB 6378	8 49 5.9 12 1 11	8 51 50.03 11 49 52.6	20.5	–.10		1.76	H I 1216 C IV 1549		329	329				
0849+336 C	NGC 2683 U1	8 49 35 33 36 30	8 52 41.21 33 25 9.5	17.4			0.621	Ne IV 2424 Mg II 2798 Mg V 2931 2973		1065	1065				54 arcmin from NGC 2683, 9 arcmin from UGC 4658,1650, 2118
0849+336 C	NGC 2683 U2	8 49 35 33 36 30	8 52 41.21 33 25 9.5	18.7			1.262+	C IV 1549 C III 1909 Mg II 2798		1065	1065			1065	46.95 arcmin from NGC 2683, 7.55 arcmin from UGC 4658, 2118
0849+336 C	NGC 2683 U3	8 49 35 33 36 30	8 52 41.21 33 25 9.5	19.3			1.252+	C IV 1549 C III 1909 Mg II 2798		1065	1065			1065	46.38 arcmin from NGC 2683, 10.97 arcmin from UGC 4658, 2118
0849+180 C		8 49 43.29 18 2 48.2	8 52 32.92 17 51 27.7	18.05*	.30	–.80	(1.07)	C III 1909		737	573	737			737ubv
0849+202 C	LB 8798	8 49 45.31 20 15 31.8	8 52 37.06 20 4 11.1	18.27*	.02	–.78	(0.461)	Mg II 2798			573	737			573ubv
0849+154 C	LB 8796	8 49 47.35 15 29 57.8	8 52 34.60 15 18 37.1	18 *	–.10	–.40	1.32	C IV 1549 C III 1909			030	737 1068			135ubv,853rnd, 873xnd
0849+283 X	1E	8 49 48.7 28 20 1.4	8 52 48.76 28 8 40.3	18.5			0.197	H I 4102 H I 4340 H I 4861 O III 4959		1416	1416				1048x
0850+284 X R	1E	8 50 2.9 28 28 6.7	8 53 3.08 28 16 44.9	20.0			1.273	C III 1909 Mg II 2798		1416	1416		991		1048x
0850+172 C		8 50 3.43 17 13 8.0	8 52 52.26 17 1 46.4	18.26*	.50	–.40	0.726	C III 1909 Mg II 2798		737	573	573			573ubv
0850+283 O		8 50 3.6 28 18 32	8 53 3.61 28 7 10.1	19.3			2.90	H I 1216 C IV 1549		1439	1439				
0850+440 C	US 1867	8 50 13.6 44 0 29	8 53 34.40 43 49 6.1	16.62			0.513	Mg II 2798 H I 4340		1001	1255	2137			2137Bmag
0850+284 X	1E	8 50 17.9 28 25 17.2	8 53 18.00 28 13 54.6	17.7			0.922	Mg II 2798 Ne V 3426		1416	1416		991		1048x
0850+140 R X	3CR 208 4C 14.28 PKS OJ 184 NRAO 301 DA 257 OTL	8 50 22.79 14 3 58.3	8 53 8.71 13 52 35.7	17.30*	.34	–1.00	1.11	C IV 1549 C III 1909 C II 2326 Mg II 2798		136	046 098	506 875 1068 1902	128 462 775 787 789 917 1235 1585 1804 1891 2013		136ubv, 1201pol,696, 912,1107x,050, 158,295fc, 324sp 1902avg ph mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0850+189 C	LB 8814	8 50 24. 18 59 0	8 53 14.48 18 47 37.3	18.59*			0.183	Mg II 2798 Ne V 3426 O II 3727 H I 4340 H I 4861			573	573			
0850+473 C	US 1885	8 50 36.9 47 23 14	8 54 3.50 47 11 49.7	18.6 *			(0.470)	Mg II 2798		1001	1116	1116			
0850+581 R	4C 58.17 S4 GC	8 50 50.18 58 8 55.3	8 54 42.02 57 57 29.6	18			1.322	C IV 1549 C III 1909 C II 2326 Mg II 2798		510 581	580 1443		945 988 1111 1145 1152		1280,1526, 1862vlbi, 1003sp, 1843rpol 1795rpol jet superluminal source,1674, 1827;
0851+142	A	8 51 53.28 14 17 19.5	8 54 39.32 14 5 52.1	19.26			1.011	Mg II 2798		2087	2087				2087rmag
0851+202 BL Lac R X	OJ 287 VR20.08.01 GC PG	8 51 57.26 20 17 58.2	8 54 48.89 20 6 30.5	14 *	.39	-.64	0.306+	H I 4861 O III 5007 H I 6563		096	553 1516	323 723 754 755 861 997 1010 1068 1142 1146 1147 1158 1178 1397 1601 1602 1657 1758 1791 1802 1834 1895 1932 1933 1984 2016 2054 2055 2073 2174 2271	837 882 898 955 1127 1160 1171 1212 1229 1367 1543 1544 1557 1771 1807 1930 2055 2070	1984	501,553,662, 761sp,323, 662ubv,323, 642,657,662, 856,1179,1541, 1626,1730, 1801,1988, 2046,2062, 2103,2167pol, 899,1388, 1783rpol,822, 856,1056,1389, 1880phot,1164, 1357,1649, 1971,1972mf, 836,887,1086, 1336,1596, 1721,1844rvar, 1040,1051, 1348uv, 1261imag,955, 1057,1088, 1307,1849, 2107,2112x, 781,1012,1041, 1141,1144, 1256,1580, 1589,1702, 1768,1782ir, 1207ext,1027, 1028,1789mm, 749pos,1381, 1588uvvar, 1526,1919vlbi, 657,723fc, 1805mmvar, 1806, 2031irvar superluminal source, 1907
0851+197 C	LB 8863	8 51 59.64 19 42 5.4	8 54 50.69 19 30 37.6	18 *	.10	-.50	2.214	H I 1216 Si IV 1397 C IV 1549			030	737 1068			135ubv,853rnd, 2251sp
0852+197 O		8 52 0 19 42 0	8 54 51.05 19 30 32.2				2.221*	Si IV 1397 O IV 1402 C IV 1549	2.1716 1.9399 0.4151		1872			1872 1873 2228 2263	
0852+170 C		8 52 14.92 17 2 35.5	8 55 3.46 16 51 6.9	18.73*	.20	-1.00	1.917	H I 1216 C IV 1549		737	573	737			737ubv
0852+152 C	LB 8880	8 52 29.93 15 17 4.6	8 55 16.84 15 5 35.3	19.10*	.06	-.09	(0.684)	Mg II 2798			573	737			573ubv
0852+181 C	LB 8891	8 52 48.37 18 6 57.4	8 55 37.87 17 55 27.0	18.21*	.26	-.71	1.013				573	737			573ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	Z	VAR	R	ABS	NOTES
0853+183	LB 8909	8 53 20.01	8 56 9.73	18.61*	.19	-.70	1.530	Si IV 1397			573	737			573ubv
C		18 23 32.0	18 11 60.0					O IV 1402							
								C III 1909							
0853+515	NGC 2693	8 53 24.6	8 56 58.83	19.5			2.31				948				3.13 arcmin
C	UB 1	51 32 18	51 20 44.6												from NGC 2693,
															92 kpc from
															NGC 2694,2118
0853+176	LB 8913	8 53 28.87	8 56 17.92	18.12*	.37	-.80	1.217	C IV 1549			573	737			573ubv
C		17 41 7.5	17 29 35.0					C III 1909							
0854+144	LB 8938	8 54 2.57	8 56 48.61	17.61	.08	-.89	(0.335)	Mg II 2798			573				573ubv
C		14 24 55.6	14 13 21.4												
0854+191		8 54 5.53	8 56 55.90	19.39*	-.30	-.70	(0.419)	Mg II 2798		737	573	737			737ubv
C		19 8 35.3	18 57 0.8												
0854+193	OTL	8 54 15.78	8 57 6.33	17.4 *	.23	-.86	0.331	Mg II 2798			030	737			040ubv,853rnd,
C	LB 8948	19 20 29	19 8 54.0					H I 4861			040	1068			873xnd
								O III 5007							
0854+191	LB 8956	8 54 36.54	8 57 26.85	17.6 *	-.20	-.60	1.896*	H I 1216	1.8550		1872	737	853	560	135ubv,873xnd,
C		19 7 0.5	18 55 24.4					N V 1240	1.8424		030	1068	1118	1635	2251sp
R								Si IV 1397	1.7367					1872	
								O IV 1402	1.7323					2228	
								C IV 1549	1.6916					2263	
									1.4754						
									1.354						
									1.3019						
									1.2954						
									0.2711						
0854+161	LB 8960	8 54 45.55	8 57 33.16	17.20*	.29	-.74	0.828	C III 1909			573	737			573ubv
C		16 11 53.5	16 0 17.0					Mg II 2798							
0854+165		8 54 59.37	8 57 47.28	18.5			2.540+	H I 1216		1440	1440				1440BAL?
O		16 32 36.6	16 20 59.4					N V 1240							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
0855+539	NGC 2701	8 55 26	8 59 5.20	19.4			0.243				948				7 arcmin from
C	UB 1	53 57 46	53 46 6.1												NGC 2701, 1.83
															arcmin from
															anon gal,2118
0855+188	LB 8991	8 55 40.17	8 58 30.12	17.3 *	-.20	-.80	1.013	C III 1909			030	737			135ubv,853rnd,
C		18 48 48.4	18 37 9.0					Mg II 2798				1068			873xnd
0855-196	PKS	8 55 48.73	8 58 5.30	18.7			0.659*	Mg II 2798	0.6463	057	1861		1861	1861	310pos
R		-19 38 58.1	-19 50 37.2					Ne V 3426					2056	2263	
								O II 3727							
								H I 3889							
								He 3970							
								H I 4102							
								H I 4340							
								O III 4363							
								H I 4861							
								O III 4959							
								O III 5007							
0855+143	3CR 212	8 55 55.56	8 58 41.45	19.06	.90	-.30	1.048	C III 1909		064	137		787		900,1201pol,
R	4C 14.30	14 21 24.3	14 9 44.2					C II 2326					870		1159,1526vlbi,
X	PKS							Mg II 2798					917		1356x,059ubv,
	NRAO 310												1167		050,137fc
	OJ 193.1												1804		IRAS source,
													1891		1806
													2013		
													2085		
0855+183		8 55 59.70	8 58 49.22	19.0			2.619	H I 1216		1440	1440				
O		18 21 51.0	18 10 10.6					C IV 1549							
0856+468	US 2068	8 56 0.0	8 59 24.40	16.97			0.924	C III 1909		1001	1255				2137Bmag,
C		46 49 2	46 37 20.7					Mg II 2798							2137varnd,
															2251sp

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0856+186 C	LB 9010	8 56 0.72 18 37 45.1	8 58 50.48 18 26 4.6	18.3 *	−.10	−.40	1.711	H I 1216 O IV 1402 C IV 1549 C III 1909			030	737		560	135ubv,853rnd, 873xnd
0856+170 C R	4C 17.46 LB 9013 OJ 195	8 56 4.09 17 3 9.1	8 58 52.40 16 51 28.5	17.4 *	.27	−.90	1.454*	C IV 1549 C III 1909 Mg II 2798	1.4639 1.3836	133	133 018 030 1901	506 737 1068	462 775 789 853 1118 1586	133 560 1635 2228 2263	121,436, 1485ubv
0856+156 C	LB 9024	8 56 23.89 15 39 12.0	8 59 10.91 15 27 30.4	18.78*			0.424	Mg II 2798 Ne V 3426			573	737			
0856+172 O		8 56 29.58 17 14 1.1	8 59 18.03 17 2 19.2	19.0			2.311*	N V 1240 Si IV 1397 C IV 1549 C III 1909 Mg II 2798	2.32 2.3	1227	1227		1213	1227	1479sp,1208, 1227,1514BAL z(abs) 2.29– 2.07,1514
0856+189 C	LB 9029	8 56 37.45 18 55 32.2	8 59 27.44 18 43 49.8	17.7 *	−.10	−.30	1.286	C IV 1549 C III 1909 Mg II 2798			030	737 1068			135ubv,853rnd, 873xnd
0856+124 R	MC 5	8 56 49.55 12 28 17.1	8 59 33.74 12 16 34.2	18			1.770*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909	1.1415		027 2049 2281		1818 1891 1976	2049 2263	1818pos
0856+179 C	LB 9040	8 56 53.68 17 57 30.3	8 59 42.76 17 45 47.1	18.28*	.14	−1.03	1.403	O IV 1402 C IV 1549 C III 1909			573	737			573ubv
0858−279 R	PKS	8 58 30.9 −27 56 33	9 0 39.44 −28 8 20.3	17			(1.14)	Mg II 2798		2151	2151		011		radio pos, QSO is 3 arcsec N, 2151
0858−771 R	PKS	8 58 38.99 −77 7 48.6	8 57 42.64 −77 19 31.7	17.57	.20	−.68	0.489	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		495	1304		023 386 2056		761,2151sp, 1485ubv, 1707pos, 1707fc, 2151syl, 2145imag
0858+179 C	LB 9115	8 58 57.01 17 57 41.9	9 1 45.96 17 45 52.3	18.83*	.07	−.97	1.896	H I 1216 N V 1240 C IV 1549			573	737			573ubv
0859+470 R	4C 47.29 OJ 499	8 59 40.13 47 2 56.6	9 3 4.13 46 51 4.0	18.7			1.462	C IV 1549 He II 1640 N III 1750 C III 1909 C II 2326		507	580		945 988 993 1111 1145 1152 1338 1543 1976 2060		865pos,510fc, 1003sp,1280, 1526,1862vlbi, 1789mm, 2103pol
0859+176 C	LB 9147	8 59 42 17 40 0	9 2 30.63 17 28 8.1	19.03*			1.407	O IV 1402 C IV 1549 C III 1909			573	737			
0859−140 R	PKS OJ 199 MSH 09-11	8 59 54.97 −14 3 38.9	9 2 16.86 −14 15 30.9	16.59	.20	−.85	1.339	C IV 1549 He II 1640 C III 1909 Mg II 2798		079	101 2281		023 128 1557 1792 1937 1976 2056	560	059,1485ubv, 1202,2103pol, 780,1983ir, 801rvar,847, 1810pos,1304, 2251sp,057fc, 1466,1526vlbi, 1352spvar, 1789mm

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0900+154	LB 9179	9 0 35.21	9 3 21.80	18.1 *	-.10	-.40	0.176	Mg II 2798			030	737			135ubv,853rnd
C		15 25 45.1	15 13 50.5					H I 4102				1068			
								H I 4340							
								H I 4861							
								O III 4959							
								O III 5007							
0900+200		9 0 59.97	9 3 50.69	18.92*		-.40	1.745	H I 1216		737	573	737			737ubv
C		20 3 45.7	19 51 49.8					C IV 1549							
								C III 1909							
0901+499	PC	9 1 1.3	9 4 30.42	21.22			2.435	C IV 1549		1517	1517				
O		49 58 50	49 46 53.1					C III 1909							
0901+285	B2	9 1 30.64	9 4 29.62	17.6			1.121	C IV 1549		138	403		790		
R		28 31 30.8	28 19 33.1					C III 1909					1476		
								Mg II 2798					1790		
													1976		
0902+186		9 2 21.72	9 5 11.06	17.53	.90	-.80	(0.465)	Mg II 2798		737	573				737ubv
C		18 39 16.7	18 27 16.7					Ne V 3426							8.18 arcmin
															from NGC 2744,
															2.22 arcmin
															from NGC 2747,
															8.48 arcmin
															from NGC 2749,
															2118
0902-197	MC	9 2 23.79	9 4 40.74	17.9			0.758	C II 2326		1445	1445		2056		
R		-19 45 27.3	-19 57 26.7					Mg II 2798							
0902-256	PKS	9 2 40.83	9 4 52.14	19			1.635+	O I 1304		011	501		011	501	761,1304sp,
R		-25 40 50.9	-25 52 51.1					C II 1335					2056		1526vlbi
								Si IV 1397							
								O IV 1402							
								C IV 1549							
								C III 1909							
0903+155		9 3 5.20	9 5 51.77	18.0			2.655	O VI 1034		1440	1440				
O		15 34 48.0	15 22 45.8					H I 1216							
								C IV 1549							
0903+198	LB 9292	9 3 13.17	9 6 3.57	16.42*	.50	-.77	1.206	C IV 1549			573	737			573ubv
C		19 53 47.0	19 41 44.3					C III 1909							
0903-573	PKS	9 3 32.21	9 4 53.22	19			0.695	Mg II 2798		2151	2151		1707		2151syi
R		-57 23 2.0	-57 35 3.6					O II 3727							
0903+169	3CR 215	9 3 44.16	9 6 31.91	18.27*	.21	-.66	0.411	Mg II 2798		008	102	506	462		008ubv,912,
R	4C 16.26	16 58 15.7	16 46 11.5					Ne V 3426			030	737	775		1107,1781x,
X	PKS							O II 3727				1068	789		1222elp,050fc,
	LB 9308							NeIII 3869					853		2180spext
	OK 106							O III 5007					916		1796rpol jet;
	NRAO 315												1111		faint gal near
													1476		1344; 8 arcsec
													1545		from anon gal,
													1888		0.41zgal,2118
													1891		
													2013		
0903+175		9 3 49.95	9 6 38.23	17.3			2.756*	N V 1240	2.730	1227	1479			1227	1213rnd,1208,
O		17 34 27.9	17 22 23.4						2.681		1227				1227,1440BAL,
											1440				1685uv,
															2174varnd
															3.9 arcsec
															from 18mag gal
															0.127zgal,1501
0903+167		9 3 52.6	9 6 40.16	18.2			2.4	H I 1216		1439	1439				
O		16 46 15	16 34 10.4												
0903+187	LB 9317	9 3 52.92	9 6 42.26	18.55*			(0.752)	Mg II 2798			573	737			
C		18 46 33.4	18 34 28.8												
0904+386	UT	9 4 35.0	9 7 45.38	18.5			1.74	H I 1216		1437	1437				
R		38 39 48	38 27 40.8					Si IV 1397							
								O IV 1402							
								C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0905+204		9 5 34.72	9 8 25.45	19.47*		−1.00	(0.293)	Mg II 2798		737	573	737			737ubv
C		20 27 6.2	20 14 56.4					Ne V 3426							
0905+151		9 5 37.60	9 8 23.63	19.4			3.157	H I 1216		1440	1440				
O		15 7 24.0	14 55 14.2					N V 1240							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
0906+328	TON 1009	9 6 3	9 9 6.07	17			0.81	C III 1909		1370	1369				
O	CSO 6	32 48 54	32 36 42.6					Mg II 2798							
0906+429	1E	9 6 10.6	9 9 26.58	18.16	.31	−.88	0.242	H I 4340		1269	1269				1269ubv,
X		42 54 41	42 42 28.9					H I 4861							1910sp
								O III 4959							
								O III 5007							
0906+198		9 6 13.44	9 9 3.62	17.99*	.60	−1.10	1.820	H I 1216		737	573	737			737ubv
C		19 53 57.5	19 41 45.8					Si IV 1397							
								O IV 1402							
								C IV 1549							
0906+430	3CR 216	9 6 17.28	9 9 33.52	18.48*	.49	−.60	0.67	Mg II 2798		014	137	323	787		014,063,
R	4C 43.17	43 5 59	42 53 46.5					Ne V 3426					988		323ubv,323,
X	NRAO 317							O II 3727					1152		900,2103pol,
	OK 410							NeIII 3869					1200		1280,1526,
	DA 262							O III 4959					1367		1862vlbi,
	VR43.09.01							O III 5007					1393		1356x,1649mf,
	LHE 244												1557		158,295fc,
													1804		1852phot
													1807		superluminal
													1996		source,1890
													2000		
													2013		
0906−091		9 6 24.9	9 8 51.25	18.3	−.70		0.129			1314	1314				1207,1261imag
X		−9 6 39	−9 18 50.8												
0906+167	LB 9388	9 6 28.68	9 9 16.10	17.2 *	−.20	−.50	1.07	C IV 1549			030	737			135ubv,853rnd
C		16 47 36	16 35 23.6					C III 1909							
								Mg II 2798							
0906+546	4C 54.18	9 6 34.24	9 10 11.87	17.5			0.625	Mg II 2798		507	1288		534		
R		54 39 34.6	54 27 20.8					H I 4340					1166		
0906+015	PKS	9 6 35.19	9 9 10.10	17.79*	.47	−.85	1.018	C III 1909		052	084	253	775		1399ir,900,
R	4C 01.24	1 33 48.2	1 21 35.8					C II 2326			410	290	789		1201,1988,
X	DA 263							Mg II 2798			436	436	955		2062pol,
	OK 011							Ne V 3426				492	1877		1162rvar,761,
												731			836,1304sp,
												754			873,955,1980x,
												755			749,1810pos,
												1068			836FeIIem,
												1802			1485ubv,
															1526vlbi,
															1789mm
0906+484	PG	9 6 45.25	9 10 10.07	16.06*	.40	−.91	0.118	O II 3727		017	017	1427			017,1451ubv,
C		48 25 55.8	48 13 41.7					H I 4340							704,1202pol,
								H I 4861							1028,1382mm,
								O III 4959							1214,1797elp,
								O III 5007							1207,1261imag,
															799,921,992,
															1196,1617,
															1729,2005,
															2018,2029ir,
															850,921rnd,
															921phot,956sp,
															1536ext,
															1701uv,
															1863irpol
0907−091		9 7 9.8	9 9 36.18	18.0	.10		0.253			1314	1314				
X		−9 6 5	−9 18 19.0												
0907−023	PKS	9 7 13.11	9 9 44.94	18.56			0.957	C III 1909		026	436		789		1526vlbi,
R		−2 19 15.9	−2 31 30.2					C II 2326							1898pos
								Mg II 2798							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0907+072 C	NGC 2775 U1	9 7 40 7 14 30	9 10 19.43 7 2 14.2	18.8			1.442	C IV 1549 He II 1640 O III 1663 N III 1750 C III 1909		1065	1065				11.02 arcmin from NGC 2775, 2.02 arcmin from anon gal, 2118
0907+381 R	UT	9 7 45.0 38 11 30	9 10 54.23 37 59 13.4	18			2.16	H I 1216 C IV 1549 C III 1909		1437	1437				
0908+201 R	UT	9 8 43.1 20 10 33	9 11 33.33 19 58 13.9	18.0			1.61	H I 1216 C IV 1549 C III 1909		1437	1437				
0910+392 R	B3	9 10 39.5 39 14 36	9 13 49.58 39 2 10.8	19.0			0.638	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4102 H I 4340		1990	2270				
0910+564 O	PC	9 10 57.3 56 25 49	9 14 37.87 56 13 22.2	20.95			4.040+	O VI 1034 H I 1216 N V 1240 Si II 1307 O IV 1402 C IV 1549		1726	1726				1726rmag, 2014sp,2014fc z=4.036 Ly alpha abs, 2014
0911+053 R	4C 05.38 OK 019	9 11 24.00 5 20 17.0	9 14 1.83 5 7 50.3	17.43	.17	–.95	0.303	Mg II 2798 O III 4959 O III 5007		124	121	506	775 789 1476		121ubv, 1884imag faint gals near,2118
0911+402 C X	NGC 2782 U1	9 11 34.9 40 15 34	9 14 46.14 40 3 6.1	19.0	–.10		0.936	C III 1909 Mg II 2798 Mg V 2931 Ne V 2974		1065 1314	1065				1314x 8.8arcmin from NGC 2782, 3 arcmin from UGC 4872,1314, 2118
0912+297 BL Lac R	OK 222 B2	9 12 53.50 29 45 55.5	9 15 52.41 29 33 24.0	16 *	.37	–.73				138 322 659		660 721 970 2054	790 837 1367 1794		323,648ubv, 323pol, 1086rvar,1012, 1141,1144ir, 749pos, 1389phot, 009sp,1576mf, 1526vlbi, 1679uv,2112x, 2259imag
0913+072 O		9 13 34.60 7 15 0.5	9 16 13.87 7 2 27.5	17.1			2.785*	O VI 1034 H I 1216 N V 1240	2.1460 2.0637 2.0440 2.0002	1440	1872 1440			1872 2228 2263	damped Ly alpha,2243; Ly limit abs, 2247
0913+391 R	B3	9 13 39.5 39 7 2	9 16 48.89 38 54 28.1	18.5			1.25	C III 1909 Mg II 2798		1990	2270 1943				
0913+391 R	4C 38.28	9 13 39.55 39 7 0.8	9 16 48.94 38 54 26.9	20			1.269	Mg II 2798		1380	1943		1271		1380rmag
0913–025 R	PKS 4C 02.38	9 13 48.5 –2 32 2	9 16 20.22 –2 44 35.6	18.05			1.203	C IV 1549 C III 1909		026	436		789 1877		
0915–213 R	PKS	9 15 10.40 –21 18 56.3	9 17 26.98 –21 31 33.5	17.5			0.847	C III 1909 Mg II 2798 Ne V 3426		412 1898	501		011 2056		761,1304sp, 1526vlbi
0916+513 C	UB 3	9 16 31 51 19 0	9 19 58.65 51 6 17.5	16.5			0.553			948	948				21.4 arcmin from NGC 2841, 3.7 arcmin from UGC 4932, 1650,2118; 2152strong FeIIem
0917–070 X	H	9 17 0 –7 0 0	9 19 28.35 –7 12 42.6	17.34	.52	–.73	0.169			2177	2177				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0917+624 R	S4	9 17 40.3 62 28 39	9 21 36.22 62 15 52.6	19.5			1.44			510 2142	2142				2286,2287rvar
0917+449 R	S4	9 17 41.9 44 54 39	9 20 58.44 44 41 53.4	19			2.180	H I 1216 C IV 1549		510	1443		1521 2162		1526vlbi, 1789mm
0917+341 X		9 17 59.9 34 6 31	9 21 2.68 33 53 44.9	19.9			0.227			1455	1455				1455x,1616rnd
0918+511 C	NGC 2841 UB 5	9 18 34.5 51 11 18	9 22 1.34 50 58 29.7	19.2			0.297			948	948				38.5 arcmin from NGC 2841, 25 arcmin from UGC 4932,2118
0918+511 C	NGC 2841 UB 2	9 18 34.5 51 11 18	9 22 1.34 50 58 29.7	18.7			0.120			948	948				26.9 arcmin from NGC 2841, 3.33 arcmin from UGC 4932, 2118
0918+511 C	NGC 2841 UB 1	9 18 34.5 51 11 18	9 22 1.34 50 58 29.7	18.5			2.028			948	948				21.4 arcmin from NGC 2841, 6.78 arcmin from UGC 4932, 2118
0918+381 R	B3	9 18 37.3 38 6 40	9 21 44.57 37 53 52.0	18.8			1.108	Mg II 2798 Ne V 3426		1990	2270				
0919−260 R	PKS OK 232	9 19 16.67 −26 5 53.5	9 21 29.33 −26 18 42.3	18.41	.28	−.53	2.30	LYB 1026 O VI 1034 H I 1216 N V 1240 Si II 1263 Si IV 1397 O IV 1402 C IV 1549 C III 1909		011	501		011 2056		761,1304sp, 1125ir, 1485ubv, 1526vlbi, 1789mm, 1810pos, 2103pol
0919+515 X		9 19 19.6 51 33 30	9 22 46.93 51 20 39.6	17.9	−.30		0.161			1265	1265				1265ubv, 1209ext, 1910sp
0919+218 R	4C 21.25 VR21.09.02 OK 233 PKS B2	9 19 53.07 21 49 33.5	9 22 43.81 21 36 42.3	18.5			1.421	C IV 1549 C III 1909		033	032		462 774 800 1111 2092		831sp, 1320rpol
0920+580 O	SBS 2	9 20 0 58 0 0	9 23 41.51 57 47 7.4	17.5			1.376	C IV 1549 C III 1909		1285	1285				
0920−397 R	PKS	9 20 48.22 −39 46 42.3	9 22 46.41 −39 59 35.0	18.8			0.591+	Mg II 2798 H I 3889 He 3970 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		1876	1861		1861	1861	
0920+313 R	B2	9 20 48.45 31 20 49.2	9 23 47.93 31 7 55.3	18			0.892	C III 1909 Mg II 2798		100	009 100		389 790 1794 1888 2056		790pos,113, 138fc
0921+348 C	NGC 2859 U1	9 21 31.7 34 53 29	9 24 34.80 34 40 33.0	19.2			0.23			643	643				873xnd 285 arcsec from Q0921+ 348;1.0 arcmin from anon gal, 0.006zgal,9.57 arcmin from NGC 2859,2118; x-ray object (below)

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0921+344 C	NGC 2859 U3	9 21 51.6 34 29 45	9 24 54.22 34 16 48.1	20.3			1.46			643	643				873xnd 1.22 arcmin from anon gal, 0.006zgal, 24 arcmin from NGC 2859,2118
0921+348 X		9 21 52.0 34 51 11	9 24 55.00 34 38 14.1	18.6			0.487			1455	1455				1455x,1616rnd 9.93 arcmin from NGC 2859, 2118
0921+348 C	NGC 2859 U2	9 21 54.8 34 52 49	9 24 57.82 34 39 52.0	19.7			2.25			643	643				873xnd 13 min from Q0921+348; 1.1arcmin from anon gal,0.006 zgal, 22arcmin from NGC 2859, 2118; x-ray object(above)
0922+149 R	PKS 4C 14.31 OK 136	9 22 22.41 14 57 23.2	9 25 7.32 14 44 25.2	17.38*	.54	−.52	0.896	C III 1909 Ne IV 2424 Mg II 2798		047	102 085 436 437	506 1068 1902	462 775 789 1476 1804 1891		047ubv, 1320rpol, 050fc 1902avg ph mag
0922+005 R	PKS OK 037	9 22 33.72 0 32 12.4	9 25 7.79 0 19 14.1	18.07	−.21	−.78	1.72	H I 1216 C IV 1549 C III 1909		083	083 436		128 789		083ubv,1032, 1181sp, 1526vlbi, 1810pos
0923+201 C X	PG TON 1057	9 23 5.8 20 7 7	9 25 54.82 19 54 7.0	16.04			0.190	H I 4340 O III 5007		168	1117		2011		1487,1980, 2112x,1598sp, 1729,2005ir 129 arcmin from NGC 2903, 1650;3 compan gals,1788; 9 arcsec from anon gal,0.190 zgal,2118
0923+392 R X	4C 39.25 DA 267 OK 340 B2	9 23 55.30 39 15 23.5	9 27 3.00 39 2 20.9	17.86*	.06	−.31	0.699	C III 1909 Mg II 2798 Ar IV 2854 Ne V 3426		139	102 101	1201 2054	128 462 774 800 801 848 898 988 993 1128 1145 1152 1212 1340 1543 1544 1557 1691 1721 1771 1804 1807 1930 2060 2070 2085		059ubv,1320, 2161rpol, 1336rvar,1028, 1789,1805mm, 1188sp,1280, 1526,1603, 1762,1862, 1952,1955vlbi, 1028,1201, 2103pol, 749pos,912, 1781x,1649mf, 033,304fc, 1617ir superluminal source,1717;
0924+301		9 24 24.8 30 7 18	9 27 22.58 29 54 14.2	21			2.02 *		1.95	679	547			547	8.0arcmin from gal B2,2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0925-203	PKS	9 25 33.48	9 27 51.77	16.4 *	.07	-.87	0.348	Mg II 2798		011	500	736	011		736ubv,761,
R		-20 21 46.1	-20 34 52.3					O II 3727		1898			2056		1304sp,780,
								NeIII 3869							886ir,1222elp,
								He 3970							1526vlbi,1700,
								H I 4102							2145imag,
								H I 4340							1789mm
								H I 4861							
								O III 4959							
								O III 5007							
0926+117	4C 11.32	9 26 1.06	9 28 43.35	19.06	.12	-.87	1.755	H I 1216		124	121	506	462		121ubv,
R	OK 142	11 47 32.4	11 34 24.6					C IV 1549			2049		789		1320rpol,
								He II 1640			2281		1818		2049noabs
								O III 1663					1891		
								C III 1909							
								Mg II 2798							
0926+388	B3	9 26 34.5	9 29 41.18	18.5			1.630	C III 1909		1990	2270				
R		38 49 12	38 36 2.2					C II 2326							
								Mg II 2798							
0927+218		9 27 10.5	9 30 0.61	19.6			2.50	H I 1216		1387	1387				
O		21 51 42	21 38 30.9												
0927+362	3CR 220.2	9 27 29.95	9 30 33.55	19			1.157	C IV 1549		064	140		462		1320rpol
R	4C 36.15	36 14 36.9	36 1 24.7					C III 1909					774		
	NRAO 322							Mg II 2798					775		
	OK 345.8												787		
	DA 268												916		
													1804		
													1891		
													1996		
0927-257	M98.06	9 27 44.5	9 29 58.38	17.9			2.15			2277	2277				
		-25 47 5	-26 0 17.0												
0927+217	W3	9 27 53.07	9 30 42.98	19.4	.32	-1.05	2.00	C IV 1549		530	1387				689ubv,
C		21 42 31.7	21 29 18.7					C III 1909		1387	689				1818pos
0928+312	B2	9 28 3.25	9 31 1.65	18.6			1.31	C IV 1549		138	404		790		
R		31 15 49	31 2 35.4					C III 1909					1976		
								Mg II 2798							
0928+349		9 28 6.02	9 31 8.13	19.8			(0.926)			1446	1447				
R		34 56 45.9	34 43 32.1												
0928+218		9 28 15.1	9 31 5.12	20.2			2.75	H I 1216		1387	1387				
O		21 52 30	21 39 16.0												
0928+008	PKS	9 28 18.08	9 30 52.32	19.5			0.505	Mg II 2798		1300	1251		1251		
R		0 48 13.5	0 34 59.7					O III 4959							
								O III 5007							
0928+348		9 28 50.84	9 31 52.76	20.3			2.304			1446	1447		2162		
R		34 52 36.5	34 39 20.7												
0929+219		9 29 7.2	9 31 57.20	20.9			2.42	C IV 1549		1387	1387				
O		21 57 12	21 43 55.7					C III 1909							
0929+214		9 29 17.7	9 32 7.29	20.1			1.69	C IV 1549		1387	1387				
O		21 28 24	21 15 7.3					C III 1909							
0929+218		9 29 42.9	9 32 32.73	20.9			2.53	H I 1216		1387	1387				8.33 arcmin
O		21 48 24	21 35 6.1												from NGC 2903,
															2118
0929+221		9 29 44.9	9 32 35.04	19.9			2.31	H I 1216		1387	1387				
O		22 11 48	21 58 30.0												
0930+214		9 30 57.0	9 33 46.40	20.4			2.20	H I 1216		1387	1387				
O		21 25 18	21 11 56.9												
0931+217		9 31 19.0	9 34 8.60	21.1			2.31	H I 1216		1387	1387				
O		21 42 30	21 29 7.9												
0931-169	R02.37	9 31 19.8	9 33 41.27	17.37			0.32			2277	2277				
		-16 55 43	-17 9 4.6												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0931+437 C	US 737 PG	9 31 50.7 43 44 36	9 35 2.45 43 31 12.1	16.32			0.456	Mg II 2798 H I 4340		995	1255				1260,1688imag, 1729,2005ir, 2137varnd, 2137Bmag faint gals near,2118
0931+485 R		9 31 52.0 48 32 0	9 35 10.66 48 18 35.9	17.17	.16	-.55	0.223			1124	1124				1124ubv
0932+219 C	NGC 2916 UB 5	9 32 7.8 21 55 48	9 34 57.50 21 42 23.8	19.1			0.732			948	948				12.43 arcmin from NGC 2916, 2118
0932+219 C	NGC 2916 UB 4	9 32 7.8 21 55 48	9 34 57.50 21 42 23.8	19.3			1.868			948	948				9.77 arcmin from NGC 2916, 2118
0932+219 C	NGC 2916 UB 3	9 32 7.8 21 55 48	9 34 57.50 21 42 23.8	18.2			1.279			948	948				20.57 arcmin from NGC 2916, 2118
0932+219 C	NGC 2916 UB 2	9 32 7.8 21 55 48	9 34 57.50 21 42 23.8	17.6			0.793			948	948				6.17 arcmin from NGC 2916, 2118
0932+219 C	NGC 2916 UB 1	9 32 7.8 21 55 48	9 34 57.50 21 42 23.8	19.2			0.238			948	948				3.6arcmin from NGC 2916,2118
0932+367 R	UT	9 32 28.6 36 46 42	9 35 31.93 36 33 16.6	18.5			2.84	O VI 1034 H I 1216		1437	1437				
0932+501 O		9 32 30 50 6 42	9 35 51.05 49 53 16.2	17.39	.16	-.59	1.92 *	H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909	1.846 1.815 1.779 1.76 1.738	738	738			738 1110 1187 2228	738,1124ubv, 1187,2251sp, 1213rnd,1187, 1208,1514BAL z(abs) 1.85- 1.74,738
0932+022 R	PKS 4C 02.27 OK 055	9 32 42.93 2 17 39.6	9 35 18.20 2 4 14.1	17.39	.13	-.45	0.659+	C III 1909 Mg II 2798		083	083 436		128 775 789 1111 1476 1888	083	083ubv,1159, 1526vlbi, 1320rpol
0933+733 O		9 33 0 73 18 0	9 37 44.16 73 4 31.2	17			2.528*	LYB 1026 O VI 1034 H I 1216 N V 1240 O I 1304 C II 1335 Si IV 1397 O IV 1402 C IV 1549 O III 1663 C III 1909	2.506 2.333	532	708 532			708 2228 2263	1122,2251sp
0934+546 O	SBS	9 34 46.4 54 41 50.0	9 38 15.19 54 28 18.2	18.0			0.100	O II 3727 NeIII 3869 H I 3889 NeIII 3968 He 3970 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		2192	1285				
0934+452 C	US 784	9 34 56.4 45 17 52	9 38 9.53 45 4 20.1	17.82			1.544			995	1492				
0935-199	J01.09	9 35 12.8 -19 58 48	9 37 32.22 -20 12 19.7	18.9			2.21			2277	2277				
0935+424 C	US 792	9 35 25.3 42 28 31	9 38 34.64 42 14 57.9	17.58			0.380	Mg II 2798 H I 4102 H I 4340 H I 4861		995	1255				2137Bmag, 2137varnd

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0935+501 O	SBS	9 35 36.0 50 9 0	9 38 56.24 49 55 26.3	19.5			1.321	C IV 1549 Ne IV 1602 N III 1750 C III 1909		2239	2237				
0935+417 C	PG	9 35 37.0 41 43 0.0	9 38 45.36 41 29 26.5	16.25			1.966				1260 2281				1218uv,1729, 2005ir faint gals near,2118
0935+430 C	US 795	9 35 47.3 43 2 4	9 38 57.26 42 48 30.0	18.83			2.044			995	1492				
0936+518 O	SBS	9 36 1.0 51 53 0	9 39 24.07 51 39 25.2	18			(0.608)	Mg II 2798		2239	2237				
0936+562 O	SBS	9 36 11.9 56 16 7	9 39 43.50 56 2 31.5	16.5			0.117	H I 1216		2192	1285				
0936+514 O	SBS	9 36 24.0 51 27 0	9 39 46.20 51 13 24.2	17.5			1.936+	H I 1216 N V 1240 SiIVb 1400 C IV 1549		2239	2237			2237	
0936+368 O	CSO 233	9 36 32.3 36 53 48	9 39 35.04 36 40 12.2	17			2.03	H I 1216 C IV 1549		1533	1533				
0936+396 C	PG	9 36 38.8 39 37 38.3	9 39 44.50 39 24 2.2	17.40			0.458				1260				1688imag 28.27 arcmin from 3C 223.1, faint gals near,2118
0936+553 O	SBS	9 36 54.0 55 23 0	9 40 23.48 55 9 22.8	19.5			1.880	H I 1216 SiIVb 1400 C IV 1549 C III 1909		2192	2240				
0937+118 X	1E	9 37 49.4 11 53 17.9	9 40 31.18 11 39 39.2	18.6			0.783	Mg II 2798		1416	1416				
0937+503 O	SBS	9 37 50.3 50 23 0	9 41 10.29 50 9 20.6	18.5			1.878	H I 1216 N V 1240 C II 1335 SiIVb 1400 C IV 1549 He II 1640 O III 1663 N III 1750 C III 1909		2239	2237				
0937+521 O	SBS	9 37 54.0 52 10 0	9 41 17.00 51 56 20.4	18			1.105	N III 1750 C III 1909 O II 2470 Mg II 2798		2239	2237				
0937+121 O		9 37 56.8 12 9 33	9 40 38.76 11 55 54.0	19.0			2.7	H I 1216		1439	1439				3.62 arcmin from NGC 2958, 2118
0937+391 R	4C 39.27 OK 362 B2	9 37 59.2 39 7 30.0	9 41 4.08 38 53 50.5	18			0.618	C II 2326 Mg II 2798		033	084 032		462 774 775 800 1167 1888 1891		831sp
0938+455 C	US 842	9 38 13.9 45 33 47	9 41 26.61 45 20 6.8	18.50			1.048			995	1492				
0938+117 O		9 38 13.9 11 45 32	9 40 55.57 11 31 52.3	19.9			2.30	H I 1216 C IV 1549		1439	1439				
0938+120 O		9 38 14.7 12 5 45	9 40 56.60 11 52 5.3	19.5			2.00	H I 1216 C IV 1549		1439	1439				2.73 arcmin from NGC 2958, 2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0938+450	US 844	9 38 16.9	9 41 28.87	18.7 *			(0.800)	Mg II 2798		995	1116	1116			
C		45 1 24	44 47 43.7												
0938+120		9 38 23.9	9 41 5.80	20.2			2.4	H I 1216		1439	1439				6.63 arcmin
O		12 5 58	11 52 17.9					C IV 1549							from NGC 2958,
															2118
0938+119	MC 5	9 38 31.75	9 41 13.56	19			3.19 +	O VI 1034		141	141		1170	911	582,597,911,
R		11 59 12.6	11 45 32.2					H I 1216			116		1818	2243	986sp,1092ir,
								O IV 1402			430		2162		696,912xnd,
								C IV 1549			458				1382mm,
								O III 1663							1526vlbi
0938+185	PKS	9 38 36.61	9 41 23.16	19.3			(0.943)	Mg II 2798		129	1251		1251		
R		18 34 46.8	18 21 6.1												
0938+451	US 851	9 38 48.4	9 42 0.41	18.36			(0.444)			995	1492				
C		45 8 40	44 54 58.3												
0938+117		9 38 50.8	9 41 32.41	18.6			2.2	H I 1216		1439	1439				
O		11 42 54	11 29 12.8												
0938+496	SBS	9 38 54.0	9 42 12.43	19.5			1.201	O III 1663		2239	2237				
O		49 36 0	49 22 18.0					C III 1909							
								Mg II 2798							
0939+121		9 39 14.5	9 41 56.37	19.0			1.80	H I 1216		1439	1439				
O		12 7 24	11 53 41.8					C IV 1549							
0939+117		9 39 17.2	9 41 58.82	19.8			1.9	H I 1216		1439	1439				
O		11 46 2	11 32 19.7												
0939+435	US 871	9 39 36.9	9 42 46.70	18.45			1.547			995	1492				
C		43 35 19	43 21 35.4												
0940+460	US 889	9 40 36.1	9 43 48.85	18.11			1.495			995	1492				
C		46 1 22	45 47 35.9												
0941+441	US 905	9 41 20.7	9 44 30.80	18.17			0.579			995	1492				
C		44 8 10	43 54 22.1												
0941-200	MC	9 41 30.18	9 43 50.06	18.2			0.715	Mg II 2798		1445	1445				9.67 arcmin
R		-20 5 44.4	-20 19 31.9					H I 4861							from NGC 2983,
								O III 4959							2118
								O III 5007							
0941+522	OK 568	9 41 30.24	9 44 52.32	18.6			0.565+	Mg II 2798		507	1288		1521	1288	
R		52 16 24.1	52 2 35.6												
0941+261	OK 270	9 41 50.22	9 44 42.30	18.7			2.913*	O VI 1034	2.9146	009	1874		1818	986	986,1685sp,
R	B2	26 8 32.0	25 54 43.2					H I 1216	1.4236		009		1891	1874	1092ir,
								N V 1240	1.0907		2049			2049	2266imag
								Si IV 1397	0.8545		2281			2228	2236sp of fuzz
								O IV 1402	0.7113					2263	
								C IV 1549							
								C III 1909							
0942+443	US 922	9 42 18.7	9 45 28.88	18.99			1.783			995	1492				
C		44 23 2	44 9 11.7												
0942+564	SBS	9 42 42.0	9 46 11.56	18.5			1.368	C IV 1549		2192	2240				
O		56 24 0	56 10 8.4					C III 1909							
0943+527	SBS	9 43 0	9 46 22.44	19.5			1.583	C IV 1549		2239	2237				
O		52 45 0	52 31 7.8					N III 1750							
								C III 1909							
0943+511	SBS	9 43 0.0	9 46 19.79	18.5			0.505	Ne IV 2424		2239	2237				
O		51 11 0	50 57 7.9					Mg II 2798							
								O III 3133							
0943+451	US 946	9 43 29.6	9 46 40.43	18.63			1.916			995	1492				
C		45 6 39	44 52 45.8												
0943+329	CSO 18	9 43 42	9 46 39.62	17			1.30	C IV 1549		1370	1369				
O		32 54 0	32 40 6.5					C III 1909							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0943+498 O	SBS	9 43 42.0 49 49 0	9 46 59.41 49 35 6.2	19.5			1.810+	SiIVb 1400 C IV 1549 O III 1663 N III 1750 C III 1909		2239	2237				
0944+440 C	US 969	9 44 26.7 44 5 45	9 47 36.02 43 51 49.5	18.48			1.695			995	1492				
0944+540 O	SBS 3	9 44 30 54 3 0	9 47 54.30 53 49 4.1	17.0			0.492	Mg II 2798 NeIII 3869		1285	1285 2240				
0945+114 R	MC 5	9 45 4.76 11 27 51.0	9 47 45.89 11 13 54.5	18			1.76	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909			027		1818		1818pos
0945+436 C	US 987	9 45 27.4 43 37 0	9 48 35.90 43 23 2.1	17.78			1.892	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		995	1255 1492				2137Bmag, 2137varnd
0945+549 O	SBS	9 45 41.6 54 59 10	9 49 7.26 54 45 11.2	18			1.369	C IV 1549 C III 1909		2192	2240				
0945+408 R	4C 40.24 DA 273 VR40.09.02 OK 476	9 45 50.05 40 53 42.8	9 48 55.31 40 39 44.1	17.5			1.252	C IV 1549 C III 1909 Mg II 2798		110	009 509		534 945 988 1152 1338 1557 1792		865pos,1003sp, 1280,1526, 1862vlbi
0945+438 C	US 995	9 45 50.8 43 49 19	9 48 59.46 43 35 20.2	16.34			0.226	H I 4340 H I 4861 O III 4959 O III 5007		995	1255 1492				2137Bmag, 2137varnd
0945−321 R	PKS	9 45 58.90 −32 9 48.2	9 48 9.52 −32 23 46.5	18.3			2.14	H I 1216 N V 1240 C IV 1549		1861	1861		1861		ref 420 incorrect id, 1861
0946+501 O	SBS	9 46 12.0 50 9 0	9 49 29.20 49 55 0.2	19			1.223	C IV 1549 C III 1909 Mg II 2798		2239	2237				
0946−197 R	MC	9 46 45.24 −19 43 10.4	9 49 5.86 −19 57 10.7	17.5			0.519	Mg II 2798 H I 4102 H I 4340 H I 4861		1445	1445				1445FeIIem
0946+301 C	PG CSO 19	9 46 46.3 30 9 19	9 49 41.06 29 55 18.2	16.00			1.216*	C IV 1549 C III 1909 Mg II 2798		1117 1370	1117 1369				1598,2251sp, 1729,2005ir, 1688imag,1941, 2061uv,2112x, 1331BAL faint gals near,2118
0947+496 O	SBS	9 47 0.0 49 36 0	9 50 16.14 49 21 58.3	18.5			1.342+	C IV 1549 He II 1640 N III 1750 C III 1909		2239	2237				
0947+433 C	US 1016	9 47 7.1 43 23 8	9 50 14.94 43 9 6.2	18.9 *			0.363	Mg II 2798 H I 4340 H I 4861		995	1116 1492	1116			
0947+458 C	US 1023	9 47 30.1 45 49 15	9 50 40.86 45 35 12.2	17.41			1.038	C III 1909 Mg II 2798		995	1255 1492				2137Bmag, 2137varnd
0947+482		9 47 32.0 48 15 0	9 50 46.03 48 0 57.1	17.65	−.08	−.79	1.737			1124	1124				1124ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0947+396 C R	PG K 347-45	9 47 44.8 39 40 54	9 50 48.35 39 26 50.8	16.40			0.206	O III 4959 O III 5007		1117	1117		2011		1260imag, 1598sp,1729, 2005ir,2112x compan gal, 1788; 8 arcsec from anon gal, 0.207zgal,2118
0947+306 O	CSO 21	9 47 50.7 30 39 42	9 50 45.73 30 25 38.7	17			1.19	C IV 1549 C III 1909 Mg II 2798		1370	1369				
0947+507 O	SBS	9 47 54.0 50 45 0	9 51 11.63 50 30 56.2	19			2.130	H I 1216 N V 1240 SiIVb 1400 C IV 1549 N III 1750 C III 1909		2239	2237				
0948+722		9 48 0.0 72 12 0	9 52 24.57 71 57 54.6				0.529				1122				
0948+518		9 48 5.0 51 51 0	9 51 24.32 51 36 55.7	19.32			1.377	C IV 1549 C III 1909		1124	1070				
0948+421 C	US 1041	9 48 25.9 42 6 15	9 51 31.95 41 52 10.1	18.6 *			(0.835)	Mg II 2798		995	1116	1116			
0949+510 O	SBS	9 49 12.0 51 3 0	9 52 29.70 50 48 53.1	18			1.546	H I 1216 N V 1240 SiIVb 1400 C IV 1549 N III 1750 C III 1909		2239	2237				
0949+444 C	US 1053	9 49 15.1 44 25 42	9 52 23.69 44 11 35.2	18.25			0.617			995	1492				
0949+363 R	UT	9 49 26.6 36 20 16	9 52 26.47 36 6 8.8	18.5			2.05	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1437	1437				
0949+507 O	SBS	9 49 42.0 50 43 0	9 52 59.04 50 28 52.0	19			0.408	Mg II 2798 H I 4340 H I 4861		2239	2237				
0950+080 X	1E	9 50 12 8 4 0	9 52 50.71 7 49 51.4	17.69			1.45			1696	1696				1.72 arcmin from UGC 5340, 0.023zgal,14.8 vgal,1696,2118
0950+565 O	SBS	9 50 48.0 56 30 0	9 54 14.79 56 15 49.2	19.5			2.089	H I 1216 O I 1304 SiIVb 1400 C IV 1549 He II 1640 C III 1909		2192	2240				
0951+699 C	NGC 3034 M82 4	9 51 41 69 54 54	9 55 49.74 69 40 40.4	20.2			0.85			1065	1065				9.6arcmin from NGC 3034,2118
0952+516 O	SBS	9 52 0.0 51 36 0	9 55 17.71 51 21 46.6	19			1.184	C III 1909 Mg II 2798		2239	2237				
0952+179 R	AO VR17.09.04 OK 186 PKS	9 52 11.83 17 57 44.9	9 54 56.85 17 43 31.6	17.23	.08	−.74	1.478*	C IV 1549 He II 1640 O III 1663 C III 1909	0.2377 0.0001	142	054 005 2281		128	560 1635 2228 2263	059ubv,749pos, 761,2251sp, 1526vlbi, 2080imag faint gals near,2118
0952+097 R	4C 09.35 OK 085	9 52 17.16 9 44 8.8	9 54 56.84 9 29 55.4	17.24*	.06	−.79	0.298	Ne V 3426 O II 3727 NeIII 3869 O III 4363 O III 4959 O III 5007		124	121 084	506	775 789 1111 1152		121ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0952+441	US 1101	9 52 20.9	9 55 28.47	17.28			0.465	Mg II 2798		995	1255				2137Bmag,
C		44 11 49	43 57 35.0												2137varnd
0952+457	US 1107	9 52 30.4	9 55 39.84	16.76			0.259	H I 4102		995	1255				2137Bmag,
C		45 46 31	45 32 16.6					H I 4340							2137varnd
								H I 4861							
								O III 4959							
								O III 5007							
0952+338	CSO 239	9 52 40.9	9 55 37.91	17			2.500+	H I 1216		1533	1992			1992	1992Bmag
C	TON 1125	33 49 30	33 35 15.4					C IV 1549							
								C III 1909							
0952+357	4C 35.21	9 52 49.3	9 55 48.05	18.5			1.241	C IV 1549		033	032		462		222fc,831sp,
R	OK 388	35 47 37.7	35 33 22.8					C III 1909					774		1384ir
	B2												800		
0952+698	HOAG 1	9 52 52.2	9 56 59.99	20			2.053	H I 1216		563	1837				6.4arcmin from
O		69 53 6	69 38 49.7					C IV 1549			563				NGC 3034,2118
								C III 1909							
0953+698	HOAG 2	9 53 15.1	9 57 22.59	21			2.058	H I 1216		563	1837				8.6arcmin from
O		69 52 38	69 38 20.9					C IV 1549			563				NGC 3034,2118
								C III 1909							
0953+556	SBS 4	9 53 18	9 56 42.13	18			1.410	C IV 1549		1285	1285				
O		55 36 0	55 21 43.6					C III 1909							
0953+698	HOAG 3	9 53 21.4	9 57 28.65	21			2.033	H I 1216		563	1837				9.6arcmin from
O		69 50 34	69 36 16.6					C IV 1549			563				NGC 3034,2118
								C III 1909							
0953+555	SBS	9 53 21.8	9 56 45.88	18.0			1.405	C IV 1549		2192	2240				
O		55 35 17	55 21 0.4					C III 1909							
0953+540	SBS	9 53 35.2	9 56 56.48	18.0			(0.605)	Mg II 2798		2195	2240				
O		54 4 41	53 50 24.0												
0953+549	SBS 6	9 53 48	9 57 10.66	17.5			2.584*	LYB 1026	2.5033	1285	2189			1285	2251sp,
O		54 54 0	54 39 42.5					O VI 1034	2.4514		1285			1832	2174varnd
								H I 1216						2189	
								N V 1240						2263	
								O I 1304							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
0953+414	PG	9 53 48.3	9 56 52.51	14.5			0.239	LYB 1026		772	1598		2011		1617,1729,
C	K 348 7	41 29 58	41 15 40.8					O VI 1034			772				2005ir,
R								H I 1216							1362ext,2112x,
								N V 1240							772uv
								Si IV 1397							compan gal,
								O IV 1402							1788; faint
								C IV 1549							gals near,2118
								Mg II 2798							
								H I 4340							
								H I 4861							
								O III 4959							
								O III 5007							
0953+549	SBS	9 53 52.0	9 57 14.66	17.5			2.580	OVIbl 1030		2195	2240				
O		54 54 35	54 40 17.3					H I 1216							
								N V 1240							
								Si II 1263							
								O I 1304							
								SiIVb 1400							
								C IV 1549							
								N III 1750							
0953+254	OK 290	9 53 59.75	9 56 49.89	17.13*	.25	–.53	0.712	C II 2326		096	084	150	775		305ubv,1201,
R	VR25.09.08	25 29 33.5	25 15 16.0					Mg II 2798				253	816		2103pol,936,
X	B							O III 3133				305	955		1336rvar,
	GC											756	1888		749pos,955x,
												875	2085		1526vlbi
												1068			1902avg ph mag
												1902			

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0954+556 R	PKS 4C 55.17 DA 278 OK 591	9 54 14.9 55 37 17.7	9 57 38.73 55 22 59.1	17.7			(0.909)	C III 1909 Mg II 2798		110	163 538		534 534 945 988 993 1557		1280,1526vlbi, 865pos, 2103pol
0954+495 X	E SBS	9 54 19 49 32 7	9 57 32.93 49 17 48.4	19.2			1.687	C IV 1549 He II 1640 N III 1750 C III 1909		1417	1417 2237				1417x
0954+504 O	SBS	9 54 48.0 50 24 0	9 58 3.03 50 9 40.3	19			0.882	C III 1909 Mg II 2798		2239	2237				
0954+502 O	SBS	9 54 48.0 50 14 0	9 58 2.79 49 59 40.3	19			1.316	C IV 1549 C III 1909 Mg II 2798		2239	2237				
0954+503 O	SBS	9 54 54.0 50 21 0	9 58 8.93 50 6 40.1	19.5			1.589	C IV 1549 He II 1640 C III 1909		2239	2237				
0954+658 BL Lac R	S4	9 54 58.61 65 48 12.4	9 58 47.99 65 33 51.7	16.7 *						507		2133	534 988 1152 1544 1807		538,1288sp, 1280,1526vlbi, 1649mf, 1805mmvar, 2046pol,2112x, 2133rvar (0.368)zgal, 1540; IRAS source,1806;
0955+387 R	B3	9 55 1.0 38 44 24	9 58 2.13 38 30 4.1	20.0			1.405	C III 1909 Mg II 2798		1990	2270 1943				
0955+476 R	OK 492	9 55 8.5 47 39 32	9 58 19.64 47 25 11.6	18			1.873	H I 1216 Si IV 1397 C IV 1549 C III 1909		458	458 342		1145		1526vlbi
0955+560 O	SBS	9 55 12.0 56 4 0	9 58 36.32 55 49 39.3	18.0			1.021	C III 1909 Mg II 2798		2195	2240				
0955+259 X		9 55 20.6 25 55 23	9 58 10.89 25 41 2.5	17.9	–.30		0.194			1314	1314				
0955+326 R X	TON 469 3C 232 4C 32.33 NRAO 342 OK 393 B2 DA 279	9 55 25.44 32 38 23.0	9 58 20.99 32 24 2.3	15.78*	.10	–.68	0.533*	C II 2326 MgVII 2632 Mg II 2798 Ar IV 2869 Mg V 2931 O III 3133 O II 3727 NeIII 3869 H I 4340 H I 4861	0.5132 0.0047 0.0000	144	005 133 485	212 247 248 290 920 1068 1142 1895 2054	128 462 774 790 1790 1937 2060	485 560 2148 2228 2263	003,007,322, 1451ubv,004, 704,1202pol, 1015,1355, 1693,1941, 2061uv,1183x, 776,958,1032, 1188,1467, 2081sp,799ir, 749pos, 958FeIIem, 1526vlbi,1575, 1942uvvar,033, 113,295,306, 1478fc, 550absr, 1789mm, 2174varnd 1.9arcmin from NGC 3067,849, 1973,2079,2118 2148,2248; faint gals near,2118
0955+472 O	PC	9 55 35.0 47 17 48	9 58 45.56 47 3 26.7	17.76			2.482	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909 Mg II 2798		1546	1546				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0956+122 O		9 56 11.22 12 17 5.5	9 58 52.31 12 2 43.2	17.5			3.306*	H I 1216 Si IV 1397 O IV 1402 C IV 1549	3.2230 2.9145	1440	1685 1440 1874 2281			1685 1874 2228 2243 2263	Ly limit abs, z=3.096,1874, 2125,2247
0956+225 X	E	9 56 22.0 22 32 32	9 59 9.77 22 18 9.3	18.7			0.485			1417	1417				1417x
0956–207	J02.11	9 56 47.5 –20 43 22	9 59 8.34 –20 57 45.4	18.00			1.90			2277	2277				
0956–073 X	1E	9 56 52 –7 21 6	9 59 21.31 –7 35 29.6	16.5			0.327	H I 4340 H I 4861 O III 5007 H I 6563		1224	1224				1224x 87.6 arcmin from NGC 3115, 1650,2118
0957–055 O		9 57 3.3 –5 35 28	9 59 33.67 –5 49 52.1	18.0	.60		1.810+			1799	1799			1799	1799BAL 50.67 arcmin from A1008–04, 1799,2118
0957+558 C	NGC 3073 UB 4	9 57 28.8 55 51 39	10 0 51.89 55 37 13.2	17.4			1.154			948	948				15.55 arcmin from NGC 3073, 3.32 arcmin from NGC 3079, 2118
0957+558 C	NGC 3073 UB 2	9 57 28.8 55 51 39	10 0 51.89 55 37 13.2	17.3			2.091			948	948				11.55 arcmin from NGC 3073, 17.95 arcmin from NGC 3079, 2118
0957+558 C	NGC 3073 UB 1	9 57 28.8 55 51 39	10 0 51.89 55 37 13.2	18.8			1.53			948	948				3.17 arcmin from NGC 3073, 12.08 arcmin from NGC 3079, 2118
0957+227 BL Lac R	4C 22.25 PKS OK 296 GC	9 57 33.9 22 47 47	10 0 21.72 22 33 21.6	18	.30	–.66				033			1086 1171 1323		323ubv,323pol, 1026ext,1207, 1261imag, 032sp,2112x
0957+003 R	PKS 4C 00.34 OK 096	9 57 43.84 0 19 50.0	10 0 17.72 0 5 24.4	17.03*	.47	–.71	0.907*	C III 1909 O III 2321 MgVII 2632 Mg II 2798 Ne V 3426 O II 3727	0.6720	047 1898	102 085 437	875 1068 1902	775 789 1111 1476 1877 1888 1891	1510 2228 2263	047ubv, 1201pol, 1320rpol, 1526vlbi,050, 295fc 1902avg ph mag
0957+537 O	SBS	9 57 48.0 53 45 0	10 1 7.28 53 30 33.6	17.5			1.348	C IV 1549 He II 1640 C III 1909		2195	2240				
0957+557 O	SBS 7	9 57 54 55 42 0	10 1 16.64 55 27 33.3	17.5			2.100	H I 1216 N V 1240 Si IV 1397 C IV 1549		1285 2192	1285 2240				2174varnd, 2251sp
0957+561 R	A	9 57 57.3 56 8 22.6	10 1 20.73 55 53 55.8	17.25*			1.413*	Si IV 1397 O IV 1402 Si II 1531 C IV 1549 He II 1640 C III 1909 Mg II 2798	1.3911 1.1249	537	537 2281	947 962 1006 1126 1458 1607 2164 2174	770 811 814 864 889 890 894 902 1167 1257 1363 1364	537 836 844 953 1969 2228 2263	877pol,987, 1190phot,740, 836,844,874sp, 835,839,1617, 2076ir,749pos, 832absr,840, 953,1606uv, 741fc, 1934vlbi grav lens, 537,2295;14.7 arcmin from NGC 3079,1650, 2118; 1902avg Bmag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
0957+561	B	9 57 57.43	10 1 20.85	17.35*			1.415*	Si IV 1397	1.3911	537	537	947	770	537	987,1190phot,
R		56 8 16.9	55 53 50.1					O IV 1402	1.1249		2281	962	811	836	740,836,844,
								Si II 1531				1006	814	844	874sp,835,839,
								C IV 1549				1126	864	953	1617,2076ir,
								He II 1640				1458	889	1969	749pos,
								C III 1909				1607	890	2228	832absr,840,
								Mg II 2798				1902	894	2263	953,1606uv,
												2164	902		741fc,877pol,
												2174	1167		1934vlbi
													1257		grav lens,537;
													1363		1902avg Bmag
													1364		
0958+731		9 58 0	10 2 22.90	17.0			2.067*	H I 1216	1.836		708			708	1122sp
		73 8 0	72 53 32.0					N V 1240						2228	
								O I 1304						2263	
								Si IV 1397							
								C IV 1549							
								O III 1663							
0958−042		9 58 1.5	10 0 32.71	18.1	.30		0.497			1799	1799				42.83 arcmin
		−4 13 8	−4 27 34.2												from A1008−04,
															1799,2118
0958+551	MKN 132	9 58 8.05	10 1 29.62	16	.25	−.84	1.760*	H I 1216	1.7330	146	1872			145	148ubv,704,
C		55 9 5.8	54 54 38.6					N V 1240	1.7310		145			147	1202pol,799,
								Si II 1263	1.3771		2281			560	1617ir,474,
								C II 1335	1.3563					592	592,2251sp,
								Si IV 1397	1.2768					1635	1513elp,
								O IV 1402	1.2726					1872	1941uv
								C IV 1549	1.2142					1873	45 arcmin from
									1.2102					1969	NGC 3079,2118
									1.2065					2228	
									0.2413					2263	
0959+105	MC 5	9 59 17.86	10 1 57.71	17.5			1.535	Si IV 1397			1635		1818	560	1818pos
R		10 30 19.0	10 15 49.9					O IV 1402			027			1635	
								C IV 1549							
								He II 1640							
								C III 1909							
0959−075		9 59 18.7	10 1 47.98	17.8	.10		1.559			1799	1799				36.67 arcmin
O		−7 31 51	−7 46 20.0												from NGC 3115,
															1799,2118
0959−028		9 59 19.6	10 1 51.62	18.7	.50		1.816			1799	1799				45.17 arcmin
O		−2 52 6	−3 6 35.1												from A1008−04,
															1799,2118
0959−443	PKS	9 59 58.91	10 2 0.07	15.9			0.837	C III 1909			1304		103		761sp,103fc,
R		−44 23 25.1	−44 37 55.2					Mg II 2798			410		2056		1183x
X											501				
1000−037		10 0 4.8	10 2 36.32	17.6	.70		0.143			1799	1799				36.17 arcmin
O		−3 44 22	−3 58 52.7												from A1008−04,
															1799,2118
1000−032		10 0 47.0	10 3 18.83	19.4	.60		0.526			1799	1799				37 arcmin from
O		−3 13 6	−3 27 38.2												A1008−04,1799,
															2118
1001+291	TON 28	10 1 9	10 4 0.94	15.5	.12	−.90	0.329	Mg II 2798		144	476				685ubv,877pol,
C	PG	29 9 50	28 55 16.8					H I 4340			1598				1700imag
								H I 4861							29.9 arcmin
															from 3C 234,
															2118
1001−033		10 1 39.7	10 4 11.46	19.8	.30		0.458			1799	1799				34.5 arcmin
O		−3 22 8	−3 36 42.1												from A1008−04,
															1799,2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1001+054 C	PG	10 1 43.3 5 27 34.8	10 4 20.10 5 13 0.5	16.38	.31	-.86	0.161	O II 3727 H I 4340 H I 4861 O III 4959 O III 5007		017	017		2011		017,1451ubv, 704,1202pol, 1028,1382mm, 780,799,921, 992,1617,1729, 2005,2018ir, 831,1117, 1598sp,850, 853,921rnd, 921phot, 1863irpol, 2112x
1001+226 R	4C 22.26 OL 205 PKS B2	10 1 58.53 22 39 53.6	10 4 45.79 22 25 18.7	18			0.974	C III 1909 Mg II 2798		033	032		462 774 800		831sp,686fc
1002-248 O		10 2 28.2 -24 53 19	10 4 46.80 -25 7 54.7	17.7	.20		2.437			1799	1799				38.5 arcmin from NGC 3109, 1799,2118
1003-240 O	M00.02	10 3 13.59 -24 2 21.0	10 5 32.86 -24 16 58.3	17.5			0.154			2193	2194				
1003-026 O		10 3 37.8 -2 36 57	10 6 10.02 -2 51 35.3	18.2	.20		2.871			1799	1799				35.67 arcmin from A1008-04, 1799,2118
1004-217 R X	PKS	10 4 25.4 -21 44 44	10 6 46.32 -21 59 23.8	16.89	.16	-.83	0.331	Mg II 2798 NeIII 3869 NeIII 3968 H I 4102 H I 4340 H I 4861 O III 5007		433	432		432 2056		761,1304sp, 780ir,1485ubv, 1686x,1700, 2145imag
1004-018 R	PKS	10 4 31.72 -1 52 30.8	10 7 4.36 -2 7 11.0	19.17	.32	-1.14	1.212	C IV 1549 C III 1909		026	436 748		351		436ubv,1181sp, 1526vlbi, 1810pos
1004-256 O		10 4 32.8 -25 41 17	10 6 51.10 -25 55 57.1	18.2	.30		1.876			1799	1799				29.83 arcmin from NGC 3109, 1799,2118
1004+130 R X	PKS 4C 13.41 OL 107.7 PG MC	10 4 45.05 13 3 37.1	10 7 26.12 12 48 56.4	14.72*	.13	-.82	0.241	Mg II 2798 H I 4861 O III 4959 O III 5007		052	051 083 334 436 1260	051 080 252 254 258 290 492 506 875 1068 1142 1902	462 775 789 1167 1170 1171 1476 2011		083ubv,704, 1202pol, 1018phot, 1320rpol, 1028mm,696, 1183,2112x, 1210,1941uv, 1222,1797, 1947elp,334, 1117,1598sp, 912xnd,780, 799,1530,1729, 2005ir,749pos, 1700,1884imag, 1942uvvar 0.6 and 0.75 arcmin from anon gals, 33.6 arcmin from LeoI,1650 faint gals near,2118; 1902avg ph mag
1004+141 R	OL 108.1 PKS GC	10 4 59.82 14 11 11.3	10 7 41.54 13 56 30.1	19			2.707*	O VI 1034 H I 1216 Si IV 1397 O IV 1402 C IV 1549		149	009 501		010	986	761,986, 1304sp,1092ir, 1320rpol, 010fc, 1526vlbi Ly limit abs, 2247

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1006–023 O		10 6 17.8 –2 23 38	10 8 50.17 –2 38 21.8	18.6	.30		0.687			1799	1799				34.5 arcmin from A1008–04, 1799,2118
1006+817 X	E	10 6 37.0 81 45 22	10 12 41.01 81 30 34.1	16.1			0.630			1417	1417				1417x
1006–050 O		10 6 56.1 –5 3 41	10 9 27.01 –5 18 26.1	18.8	.10		1.169			1799	1799				12.5 arcmin from A1008–04, 1799,2118
1007+307 O	CSO 34	10 7 3.5 30 42 36	10 9 55.71 30 27 50.4	17			0.82	C III 1909 Mg II 2798		1370	1369				
1007+303 C	TON 488 CSO 35	10 7 9.0 30 18 24	10 10 0.91 30 3 38.2	17			0.26	Mg II 2798 H I 4861		1370	1369				
1007+417 R	4C 41.21 GC	10 7 26.13 41 47 24.4	10 10 27.57 41 32 37.9	16.5			(0.611)	Mg II 2798		507	538		534 1145 1166 1584 1804 1996		877pol, 1526vlbi, 1688imag
1007–174	J02.03	10 7 27.8 –17 25 34	10 9 51.69 –17 40 20.2	18.08			2.60			2277	2277				
1008–055 O		10 8 6.6 –5 35 12	10 10 37.25 –5 49 59.5	18.3	.20		2.109			1799	1799				19.33 arcmin from A1008–04, 1799,2118
1008+009 O		10 8 10.22 0 58 18.7	10 10 44.43 0 43 31.0	16.5			0.18			2183	2183				2183B(J)mag
1008+133 C	PG	10 8 30.0 13 19 2	10 11 10.99 13 4 13.6	16.24			1.287			1117	1450				1352spvar, 1598sp, 1688imag,1729, 2005ir,2112x 60.4 arcmin from LeoI, 1650; faint gals near,2118
1008+348 X	1E	10 8 54.9 34 52 46	10 11 49.99 34 37 56.6	17.62	.82	–.83	0.144	O II 3727 H I 4340 H I 4861 O III 4959 O III 5007		1269	1269				1269phot, 1910sp
1009+299 C	CSO 38	10 9 4.6 29 56 48	10 11 55.96 29 41 58.3	16			2.62 +	H I 1216 C IV 1549		1370	1992			1992	1992Bmag
1009+023 O		10 9 13.98 2 22 20.8	10 11 48.94 2 7 31.0	18.6			1.349+			2183	2183				2183B(J)mag, 2183BAL
1009+334 R	UT	10 9 17.5 33 24 18	10 12 11.37 33 9 27.9	17.5			2.26	H I 1216 C IV 1549		1437	1437				
1009–321 R	PKS	10 9 41.8 –32 8 45	10 11 56.21 –32 23 35.6	18.1			1.757	C IV 1549 O III 1663 C III 1909 C II 2326 Mg II 2798		421 1876	1304 418		384 418 2056		761,1304sp
1009–028 O		10 9 43.58 –2 52 11.6	10 12 15.73 –3 7 2.4	17.6			2.745			2183	2183				2183B(J)mag
1010+023 O		10 10 37.19 2 19 7.8	10 13 12.11 2 4 15.2	17.7			0.222			2183	2183				2183B(J)mag
1010–009 O		10 10 43.96 –0 56 4.0	10 13 17.15 –1 10 56.8	18.3			0.201			2183	2183 LBQS				2183B(J)mag
1010+350 R	B2 OL 318 GV 076 GC	10 10 54.75 35 0 44.1	10 13 49.58 34 45 50.7	19.8 *			1.414	Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798		150 1446	009 748 1447	150 756	1297 1521 2060		831,1181sp, 1526vlbi,113, 443fc

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1010–072 O		10 10 56.1 –7 14 28	10 13 25.94 –7 29 21.2	17.8	.10		0.640			1799	1799				47.17 arcmin from A1008–04, 1799,2118
1011+091 O		10 11 3.32 9 6 20.6	10 13 41.85 8 51 27.1	17.8			2.268*	N V 1240 C IV 1549	1.4923 1.04	1227	1479 1227			1078 1227 1293 2228 2263	1078sp, 1213rnd,1208, 1227BAL
1011+250 C X R	TON 490 B2 GC	10 11 5.65 25 4 11	10 13 53.45 24 49 17.3	15.4 *	.25	–1.05	1.636*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 C III 1909 Mg II 2798	1.5996 1.4569 0.2584 0.0002	144	151 009 327 458 582 2281	1201	850 853 921 1586	327 560 1000 1242 1502 1635 1747 2228 2263	704,1202pol, 1337,1451ubv, 873,1183x,582, 831,1000, 1242sp,886, 921,992, 1983ir, 921phot,950, 1789mm,149fc, 1513elp,1628, 1941uv, 1942uvvar, 2080imag, 2174varnd faint gals near,2118
1011–282 R X	PKS OL 219	10 11 12.2 –28 16 31.9	10 13 29.60 –28 31 25.5	16.88	–.08	–.83	0.253	H I 4340 H I 4861 O III 4959 O III 5007 H I 6563		078	432		1171 2056		780ir,1109sp, 1222,1329elp, 1320rpol, 1485ubv,1195, 1686,1980x 1207,1261, 1700,1884 imag/ext; faint gals near,2118
1011–017 O		10 11 41.30 –1 44 23.2	10 14 14.08 –1 59 17.9	17.9			2.236			2183	2183				2183B(J)mag
1011+280 R	4C 28.25 B2	10 11 46.07 28 3 58.3	10 14 35.75 27 49 3.3	18.6			(0.899*	C III 1909 Mg II 2798	0.8895	033	032		462 774 790 800 816 1476 1790	032 551 2228 2263	831sp, 1108absr,138, 222fc
1011+034 X	1E	10 11 50.2 3 29 24	10 14 25.72 3 14 29.0	17.72	.83	.12	0.313	O II 3727 H I 4861 O III 4959 O III 5007		1269	1269				1269ubv,1269x, 1910sp
1011–019 O		10 11 54.04 –1 57 33.8	10 14 26.70 –2 12 28.9	18.1			1.378			2183	2183				2183B(J)mag
1011+496 BL Lac R		10 11 55.29 49 40 57.2	10 15 4.16 49 26 1.6	16.15	.41	–.68				1558			1559 2060		1559fc,1558, 1865phot, 1558pol, 1558sp,2112x
1011+010 O		10 11 56.69 1 2 49.2	10 14 30.93 0 47 54.0	18.6			0.15			2183	2183				2183B(J)mag
1012+232 R	4C 23.24 PKS OL 220	10 12 0.50 23 16 11.4	10 14 47.06 23 1 16.0	17.5			0.565	Mg II 2798 Ne V 3426 O II 3727		033	032		462 774 775 800 1111 2092		1320rpol, 1526vlbi, 1789mm,100, 202fc,1188sp

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1012+008 C R	PG	10 12 20.78 0 48 33	10 14 54.89 0 33 37.0	16			0.185			1117	487		2011		1202pol, 1117sp, 1260imag,1729, 2005ir,2112x 2 compan gals,1788; 3 arcsec from anon gal,0.186 zgal, anon gal near,0.187zgal faint gals near,2118
1012–021 O		10 12 33.91 –2 6 21.3	10 15 6.50 –2 21 17.7	18.5			2.135			2183	2183				2183B(J)mag
1012+736 C	NGC 3147 U1	10 12 39 73 39 0	10 16 52.84 73 24 2.0	19.0			1.055	C III 1909 Mg II 2798		1065	1065				30 arcmin from NGC 3147, 1.0 arcmin from anon gal,2118
1012+022 R	PKS 4C 02.30	10 12 40.77 2 13 48.5	10 15 15.62 1 58 51.8	17.8			1.374	C IV 1549 C III 1909		026 2183	436 748 2183		789		1032sp
1012+488 R	4C 48.28 OL 422	10 12 50.00 48 52 57.9	10 15 57.63 48 38 0.6	19			0.385	Mg II 2798 Mg V 2931 O III 3133 H I 4861 O III 4959 O III 5007		153	133		775 1111 1888		
1013–018 O		10 13 6.41 –1 49 2.5	10 15 39.16 –2 3 60.0	18.2			0.760			2183	2183				2183B(J)mag
1013+014 O		10 13 22.61 1 24 10.7	10 15 57.03 1 9 12.7	16.6			0.779			2183	2183				2183B(J)mag
1013–003 O		10 13 22.75 –0 20 7.9	10 15 56.27 –0 35 5.9	18.6			1.787			2183	2183				2183B(J)mag
1013–020 O		10 13 34.94 –2 0 40.2	10 16 7.59 –2 15 38.6	18.5			0.977			2183	2183				2183B(J)mag, 2183neml
1013–013 O		10 13 48.49 –1 21 58.5	10 16 21.48 –1 36 57.3	18.4			0.617			2183	2183				2183B(J)mag
1014+003 O		10 14 2.05 0 23 49.3	10 16 35.94 0 8 50.0	18.2			2.292			2183	2183				2183B(J)mag, 2183neml
1014+001 O		10 14 24.86 0 7 50.4	10 16 58.62 –0 7 9.6	18.5			0.337			2183	2183				2183B(J)mag
1015+277 R	B2 4C 27.21 CTD 66 NRAO 351 OL 227 3C 240	10 15 0.42 27 47 5.6	10 17 49.46 27 32 4.3	17.5			0.469	Mg II 2798 O II 3727 NeIII 3869 H I 4340		138	009		790 1790 1888 2085		687fc
1015–205	J03.13	10 15 1.0 –20 31 44	10 17 23.74 –20 46 45.1	17.08			2.80			2277	2277				
1015+017 O		10 15 7.77 1 47 17.5	10 17 42.37 1 32 16.1	18.3			1.455			2183	2183				2183B(J)mag
1015+359 R	OL 326 B2 S4 CSO 257	10 15 15.9 35 57 39	10 18 10.66 35 42 37.2	19			1.226	C IV 1549 C III 1909 Mg II 2798		458	458 076 1443		1521		510fc, 1526vlbi
1015+416 C	NGC 3184 UB 4	10 15 16.8 41 40 0	10 18 16.32 41 24 58.1	18.1			2.029			948	948				15 arcmin from NGC 3184, 4.6 arcmin from anon gal,2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1015+416	NGC 3184	10 15 16.8	10 18 16.32	19.1			(0.92)			948	948				9.73 arcmin
C	UB 3	41 40 0	41 24 58.1												from NGC 3184,
															5.65 arcmin
															from anon gal,
															2118
1015+416	NGC 3184	10 15 16.8	10 18 16.32	17.7			0.152			948	948				4.73 arcmin
C	UB 1	41 40 0	41 24 58.1												from NGC 3184,
															13.28 arcmin
															from anon gal,
															2118
1015+383	UT	10 15 28.4	10 18 25.01	18			0.38	H I 4340		1437	1437				
R		38 20 25	38 5 22.8					H I 4861							
								O III 4959							
								O III 5007							
1015–013		10 15 37.98	10 18 10.99	18.4			0.319			2183	2183				2183B(J)mag
O		–1 21 0.4	–1 36 2.7												
1015–003		10 15 47.34	10 18 20.87	18.4			1.508			2183	2183				2183B(J)mag
O		–0 19 30.3	–0 34 32.9												
1015–214	J03.14	10 15 59.3	10 18 21.62	17.95			2.47			2277	2277				
		-21 24 53	-21 39 55.9												
1016+018		10 16 24.64	10 18 59.28	18.4			0.916			2183	2183				2183B(J)mag
O		1 52 34.1	1 37 30.3												
1016–006		10 16 26.59	10 18 59.95	18.7			2.176			2183	2183				2183B(J)mag,
O		–0 39 17.4	–0 54 21.3												2183neml
1016+359	CSO 259	10 16 27.2	10 19 21.71	17			1.552	C IV 1549		1883	1992				1992Bmag
C		35 55 42	35 40 37.9					C III 1909							45 arcsec from
								Mg II 2798							anon gal,0.055
															zgal,2118
1016–028		10 16 28.55	10 19 0.82	18.5			0.717+			2183	2183			2183	2183B(J)mag,
O		–2 48 47.3	–3 3 51.2												2183neml
1016+021		10 16 36.56	10 19 11.33	18.5			0.19			2183	2183				2183B(J)mag
O		2 8 57.7	1 53 53.5												
1016+359	CSO 261	10 16 53.6	10 19 48.05	17			2.67	Si IV 1397		1533					1992Bmag
C		35 56 54	35 41 49.1					O IV 1402							
								C IV 1549							
								C III 1909							
1017+280	TON 34	10 17 6	10 19 54.90	15.69	.37	–.86	1.922*	H I 1216	1.8343	144	1872		1872	1000	685ubv,877pol,
C		28 1 0	27 45 54.8					Si IV 1397	1.7984		476			1872	1000sp
								O IV 1402	1.7667		2281			2228	5.23 arcmin
								C IV 1549	1.6081					2263	from NGC 3204,
									1.5951						2118
									1.5368						
									0.0000						
1017–001		10 17 23.13	10 19 56.75	17.5			1.127			2183	2183				2183B(J)mag
O		–0 9 5.5	–0 24 11.1												
1017+109		10 17 30.85	10 20 10.04	18.4			3.158*	Si IV 1397	3.1101	1440	1874			1874	1874BAL
O		10 55 8.1	10 40 2.2					O IV 1402	2.9970		1440			2228	Ly limit abs,
								C IV 1549	2.9720		2281			2263	z=3.048,1874,
								C III 1909	2.5401						2125,2247
									1.2401						
1017–426	MC	10 17 56.46	10 20 3.89	18.9			1.280	He II 1640		1445	1445		387		
R		–42 36 24.1	–42 51 30.6					C III 1909					2056		
								Mg II 2798							
1018+201	1E	10 18 9.8	10 20 53.90	18.54			0.250	H I 4102		1233	1233				1233FeIIem
X		20 10 34.3	19 55 27.1					H I 4340							
								H I 4861							
1018+348	OL 331	10 18 24.10	10 21 17.46	17.75	.24	–.92	1.404	Si IV 1397		113	443		1512		831,1181sp,
R	GV 081	34 52 29.4	34 37 21.7					O IV 1402		1446	748				1526vlbi,
	B2							C IV 1549			1447				1865phot
	GC							C III 1909							
	TON 1208														
	CSO 263														

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1018+012 O		10 18 25.42 1 15 40.9	10 20 59.74 1 0 33.3	18.5			0.588			2183	2183				2183B(J)mag, 2183neml
1018–000 O		10 18 25.92 –0 5 20.0	10 20 59.57 –0 20 27.6	18.3			2.596			2183	2183				2183B(J)mag
1019+309 R	OL 333 B2 GC	10 19 39.86 30 56 14.9	10 22 30.28 30 41 4.9	16.75*	.26	–.77	1.319	C IV 1549 C III 1909		129	476 100 2281	150 1902	789		704,1202pol, 1451ubv,150fc, 1526vlbi, 2251sp 1902avg ph mag
1019+017 O		10 19 44.42 1 47 27.6	10 22 18.99 1 32 17.6	17.3			0.792			2183	2183				2183B(J)mag
1020–103 R	OL 133 MSH 10–17 PKS UT	10 20 4.20 –10 22 33.6	10 22 32.79 –10 37 44.2	16.11	.14	–.82	0.197	O III 4959 O III 5007		100 1898	009		1170 2056		780ir,1026ext, 1202pol,1207, 1261,1884imag, 1022elp, 1485ubv, 1526vlbi, 010fc faint gals near,2118
1020+191 R	PKS OL 133	10 20 11.9 19 8 46	10 22 55.24 18 53 35.1	18.5			2.136	H I 1216 C IV 1549		010	009		010 2162		1526vlbi
1020+014 O		10 20 13.06 1 26 2.6	10 22 47.45 1 10 51.7	18.1			1.615			2183	2183				2183B(J)mag
1020+400 R	UT GC	10 20 14.7 40 3 28	10 23 11.70 39 48 16.9	17.5			1.25	C IV 1549 C III 1909		1437	1437				1526vlbi
1020–014 O		10 20 14.99 –1 28 5.4	10 22 47.97 –1 43 16.3	18.5			0.840			2183	2183				2183B(J)mag
1020+004 O		10 20 56.02 0 28 20.6	10 23 29.94 0 13 8.4	18.6			1.901			2183	2183				2183B(J)mag
1021–028 O		10 21 24.55 –2 50 31.2	10 23 56.88 –3 5 44.2	17.4			0.496			2183	2183				2183B(J)mag
1021–026 O		10 21 27.17 –2 36 21.8	10 23 59.61 –2 51 34.9	17.8			1.095			2183	2183				2183B(J)mag
1021–011 O		10 21 30.11 –1 7 24.4	10 24 3.27 –1 22 37.6	18.3			0.787			2183	2183				2183B(J)mag
1021–013 O		10 21 39.16 –1 18 36.1	10 24 12.23 –1 33 49.6	17.9			0.743			2183	2183				2183B(J)mag
1021–006 R	PKS	10 21 56.19 –0 37 42.9	10 24 29.58 –0 52 56.9	17.84*	.20	–.22	2.547	LYB 1026 O VI 1034 H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		086	436	756 1068 1902	789 2162	2020	436ubv,1181, 2020sp, 1526vlbi 1902avg ph mag 2.1arcmin from gal ZWG,2118
1022+194 R	4C 19.34 OL 136	10 22 1.38 19 27 35.3	10 24 44.72 19 12 21.1	17.49*	.46	–.69	0.828	C III 1909 O III 2321 Mg II 2798		124	121 458	506	128 789 1111 1888		121ubv, 1194imag, 1526vlbi
1022–000 O		10 22 16.87 –0 5 49.4	10 24 50.52 –0 21 4.0	18.3			0.323			2183	2183				2183B(J)mag, 2183neml
1022–099 R	UT	10 22 19.2 –9 54 19	10 24 48.13 –10 9 33.6	18.0			1.34	C IV 1549 C III 1909		1437	1437				
1022–000 O		10 22 23.76 –0 2 28.9	10 24 57.44 –0 17 43.7	17.4			1.492			2183	2183				2183B(J)mag
1022–102 R	UT	10 22 27.5 –10 16 30	10 24 56.25 –10 31 44.9	17			2.00	H I 1216 C IV 1549		1437	1437				
1022+007 O		10 22 28.68 0 46 40.3	10 25 2.74 0 31 25.3	18.6			0.363			2183	2183				2183B(J)mag, 2183neml

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1022+008 O		10 22 32.19 0 51 6.7	10 25 6.29 0 35 51.6	18.4			0.986			2183	2183				2183B(J)mag
1023–014 O		10 23 3.90 –1 24 45.4	10 25 36.93 –1 40 1.4	17.2			0.15			2183	2183				2183B(J)mag
1023–006 O		10 23 8.98 –0 40 29.3	10 25 42.36 –0 55 45.4	18.6			1.763			2183	2183				2183B(J)mag
1023–015 O		10 23 27.07 –1 35 3.4	10 26 0.02 –1 50 20.1	18.6			0.738			2183	2183				2183B(J)mag
1023–214	J03.16	10 23 31.6 –21 25 0	10 25 54.70 –21 40 16.8	18.69			2.5			2277	2277				
1023+067 R	4C 06.40 3C 243 PKS OL 040 NRAO 355	10 23 55.15 6 42 50.7	10 26 32.00 6 27 33.2	18.54	.54	–.55	1.707	H I 1216 C IV 1549 C III 1909 Mg II 2798	1.7161 1.7077 1.6295	124	121 2049 2281	506	775 789 1804 1818 1891	1747 1749 2049 2263	912xnd, 1320rpol, 307fc,121ubv 1795rpol jet
1024+005 O		10 24 3.01 0 30 46.4	10 26 36.95 0 15 28.7	18.6			2.166			2183	2183				2183B(J)mag
1024–009 O		10 24 50.77 –0 57 43.0	10 27 24.02 –1 13 2.1	18.5			1.267			2183	2183				2183B(J)mag
1024–012 O		10 24 57.05 –1 16 2.3	10 27 30.16 –1 31 21.6	18.2			0.322			2183	2183				2183B(J)mag
1025+023 O		10 25 10.65 2 18 45.8	10 27 45.42 2 3 26.1	18.6			0.745			2183	2183				2183B(J)mag
1025+007 O		10 25 19.81 0 46 13.7	10 27 53.86 0 30 53.7	18.6			1.129			2183	2183				2183B(J)mag
1025–027 O		10 25 38.60 –2 45 54.2	10 28 11.02 –3 1 14.7	17.7			1.283			2183	2183				2183B(J)mag
1025+017 O		10 25 41.47 1 45 25.3	10 28 15.98 1 30 4.7	18.4			1.055			2183	2183				2183B(J)mag
1025–005 O		10 25 58.66 –0 30 47.5	10 28 32.12 –0 46 8.6	18.5			2.872			2183	2183				2183B(J)mag Ly limit abs, 2183
1026–007 O		10 26 1.67 –0 45 24.0	10 28 35.02 –1 0 45.2	18.5			1.438			2183	2183				2183B(J)mag
1026–007 O		10 26 3.69 –0 45 7.8	10 28 37.04 –1 0 29.0	18.4			1.520			2183	2183				2183B(J)mag
1026–017 O		10 26 24.32 –1 44 2.7	10 28 57.22 –1 59 24.5	17.1			0.217			2183	2183				2183B(J)mag
1027–198	J03.23	10 27 23.8 –19 48 25	10 29 48.15 –20 3 48.5	19.2			2.12			2277	2277				
1027–012 O		10 27 23.83 –1 14 14.7	10 29 56.97 –1 29 38.2	17.6			0.958			2183	2183				2183B(J)mag
1027–009 O		10 27 43.69 –0 58 9.5	10 30 16.95 –1 13 33.6	18.4			1.470			2183	2183				2183B(J)mag
1028+313 R X	B2 OL 347	10 28 9.79 31 18 20.6	10 30 59.08 31 2 55.7	16.71*	.36	–.75	0.177				322		1145 1170 1171 1340		322ubv,704, 1202pol,696, 912,1359x, 1018phot
1029–014 O		10 29 16.49 –1 25 46.2	10 31 49.55 –1 41 12.9	18.4			2.029+			2183	2183				2183B(J)mag, 2183BAL
1030–008 O		10 30 3.59 –0 50 44.8	10 32 36.92 –1 6 12.8	16.9			1.264			2183	2183				2183B(J)mag
1030+415 R	VR10.41.03 GC	10 30 7.56 41 31 33.3	10 33 3.47 41 16 5.1	18.2			1.12	C IV 1549 C III 1909 Mg II 2798		507	538		534 988 1152		510fc,865pos, 1526vlbi

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1030–357 R	PKS	10 30 51.92 –35 46 27.9	10 33 7.55 –36 1 57.1	18.5			1.455	C IV 1549 C III 1909 Mg II 2798		1898	1251				1526vlbi
1031+028 O		10 31 3.3 2 48 6	10 33 38.22 2 32 36.4	18.62			2.172	H I 1216		2179	2179				2179B(J)mag
1031+583 X	1E	10 31 7.6 58 22 24	10 34 21.45 58 6 54.0	18.66	.59	–.79	(0.248)	O II 3727 H I 4861 O III 4959 O III 5007		1269	1269				1269ubv,1269x, 1207,1261imag, 1910sp 9.92 arcmin from 3C 244.1, 2118
1031+058 O		10 31 10.7 5 52 7	10 33 46.96 5 36 37.2	18.87			1.667	C IV 1549		2179	2179				2179B(J)mag
1031+036 O		10 31 25.4 3 41 26	10 34 0.70 3 25 55.8	18.91			2.341	H I 1216		2179	2179				2179B(J)mag
1031+034 O		10 31 54.6 3 29 28	10 34 29.81 3 13 57.0	19.41			1.960	H I 1216		2179	2179				2179B(J)mag
1031+147 R		10 31 57.12 14 45 17.1	10 34 37.32 14 29 46.0	18			1.732+	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		476	476			476	
1031+068 O		10 31 58.4 6 52 0	10 34 35.07 6 36 28.9	19.20			1.484	C IV 1549		2179	2179				2179B(J)mag
1032+072 O		10 32 14.5 7 16 53	10 34 51.34 7 1 21.5	19.05			1.241	C IV 1549		2179	2179				2179B(J)mag
1032+062 C		10 32 29.6 6 17 13	10 35 6.00 6 1 41.1	18.74			0.245				2184				2184B(J)mag
1032–199 R	PKS MC	10 32 37.40 –19 56 1.9	10 35 2.20 –20 11 34.0	17.3			2.189	O VI 1034 H I 1216 N V 1240 Si II 1263 Si IV 1397 O IV 1402 C IV 1549		011 1898	1304 501		011 2056		761,1304, 1445sp,1125ir, 307,1445fc, 1526vlbi, 1810pos
1032–276 O	TOLOLO 3	10 32 45.1 –27 36 31	10 35 5.97 –27 52 3.3	20.0			2.00			812	812				
1032–276 O	TOLOLO 4	10 32 49.8 –27 38 7	10 35 10.67 –27 53 39.4	19.2			2.240+	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		812	2201			2201	
1032–276 O	TOLOLO 6	10 32 52.4 –27 40 42	10 35 13.25 –27 56 14.5	19.1			0.389	Mg II 2798 H I 4861		812	2201				1761sp
1032+026 O		10 32 58.2 2 39 15	10 35 33.03 2 23 42.3	19.32			2.547	H I 1216		2179	2179				2179B(J)mag
1033–268 O	TOLOLO 7	10 33 4.7 –26 53 57	10 35 26.00 –27 9 29.8	19.2			2.42 *	O VI 1034 H I 1216 C IV 1549 C III 1909	2.430 2.394 1.744	812	1831 812 2201			1831 2263	
1033–273 O	TOLOLO 8	10 33 4.7 –27 18 9	10 35 25.78 –27 33 41.8	21.8			1.61	C IV 1549 C III 1909		212	2201				
1033+070 O		10 33 7.8 7 2 6	10 35 44.51 6 46 33.0	19.29			1.696	C IV 1549		2179	2179				2179B(J)mag
1033–276 O	TOLOLO 9	10 33 28.3 –27 38 41	10 35 49.25 –27 54 14.5	20.6			1.46	C IV 1549 C III 1909 Mg II 2798		812	2201				
1033+293 O	CSO 52 BA 54–182	10 33 30.6 29 23 6	10 36 17.93 29 7 32.4	17			1.02	C III 1909 Mg II 2798		1370	1369				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1033+035 C		10 33 40.5 3 34 50	10 36 15.72 3 19 16.2	18.56			1.513				2184				2184B(J)mag
1033+137 R	UT	10 33 47.3 13 42 26	10 36 26.90 13 26 52.0	18			3.07	O VI 1034 H I 1216		1437	1437				
1033+051 O		10 33 50.4 5 10 10	10 36 26.29 4 54 35.9	18.28			0.382	Mg II 2798		2179	2179				2179B(J)mag
1033-283 O	TOLOLO 11	10 33 59.5 -28 20 50	10 36 20.15 -28 36 24.3	19.8			2.170	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		812	2201				
1034+030 O		10 34 3.7 3 5 35	10 36 38.70 2 50 0.6	17.73			0.406	Mg II 2798		2179	2179				2179B(J)mag
1034+053 BL Lac C		10 34 5.8 5 23 41	10 36 41.78 5 8 6.5	19.25							2184				2184B(J)mag
1034+054 C		10 34 5.9 5 25 15	10 36 41.89 5 9 40.5	19.27			1.061				2184				2184B(J)mag
1034+065 O		10 34 7.6 6 35 59	10 36 44.09 6 20 24.5	18.43			0.813	C III 1909		2179	2179				2179B(J)mag
1034+062 O		10 34 18.7 6 17 51	10 36 55.05 6 2 16.2	19.43			2.276	H I 1216		2179	2179				2179B(J)mag
1034+496 O	PC	10 34 34.4 49 37 28	10 37 36.15 49 21 52.6	20.85			2.327	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1517	1517				
1034-277 O	TOLOLO 13	10 34 37.1 -27 47 56	10 36 58.13 -28 3 31.3	20.8			0.171	O II 3727 H I 4861 O III 4959 O III 5007		812	2201				
1034-374 R	PKS	10 34 38.24 -37 28 39.7	10 36 53.50 -37 44 15.0	19.5 *			1.821	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		494 1898	1251	1800	1251 2056		1526vlbi, 1800pol
1034-293 R X	PKS OL 259	10 34 55.87 -29 18 27	10 37 16.13 -29 34 2.8	16.46	.62	-.51	0.312	O II 3727 H I 4861 O III 4959 O III 5007 H I 6563		011	1894		1399 1557 2056		1485ubv,1350, 1441,2112x, 781,1125, 1399ir,1595, 1961rvar, 1526vlbi,418, 493,761, 1803sp,865pos, 1789mm,1800, 2103pol IRAS source, 1806; 213 incorrect id
1034-283		10 34 59.5 -28 20 50	10 37 20.29 -28 36 25.9	19.8			2.170	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		2201	2201				
1035+032 O		10 35 2.0 3 16 30	10 37 37.07 3 0 54.0	19.45			1.524	C IV 1549		2179	2179				2179B(J)mag
1035+043 C		10 35 12.9 4 18 17	10 37 48.39 4 2 40.8	17.82			1.085				2184				2184B(J)mag
1035+040 O		10 35 21.6 4 5 59	10 37 57.01 3 50 22.5	18.80			2.166	H I 1216		2179	2179				2179B(J)mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1035–282 o	TOLOLO 15	10 35 32.3 –28 17 13	10 37 53.21 –28 32 49.7	18.2			1.920*	Si IV 1397 O IV 1402 C IV 1549 C III 1909	1.721 0.643	812	2201			2201	
1035–276 o	TOLOLO 16	10 35 47.2 –27 37 14	10 38 8.50 –27 52 51.1	18.9			2.15 *		2.125 1.982 0.823	812	1831 812			1831 2263	
1036+355 c	CSO 282	10 36 13.9 35 34 48	10 39 4.38 35 19 10.1	17			1.999	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1883	1992				1992Bmag
1036–272 o	TOLOLO 17	10 36 27.4 –27 13 41	10 38 49.00 –27 29 19.1	20.3			3.09	H I 1216 N V 1240 C IV 1549		812	1831				
1036+052 o		10 36 32.8 5 15 27	10 39 8.66 4 59 48.7	19.40			1.942	H I 1216		2179	2179				2179B(J)mag
1037–270 o	TOLOLO 19	10 37 0.13 –27 3 37.0	10 39 21.89 –27 19 16.0	17.4			2.18 *	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.1378 2.1283 2.0825 2.0755 2.0708 2.0289 1.9722 1.9122 1.077 0.0153 0.0001	812	1506 812 1705 1761			1506 1627 1705 1706 1761 2228 2263	1706pos, 2095imag 40 arcsec from anon gal,1705, 2118; BAL?
1037+057 o		10 37 1.1 5 47 25	10 39 37.17 5 31 46.0	19.13			2.027	H I 1216		2179	2179				2179B(J)mag
1037–282 o	TOLOLO 20	10 37 3.4 –28 16 17	10 39 24.54 –28 31 56.1	19.3			1.619	C IV 1549 C III 1909		812	2201				
1037–277 o	TOLOLO 21	10 37 6.1 –27 42 57	10 39 27.54 –27 58 36.1	19.4			1.886			812	1761				
1037+068 o		10 37 15.7 6 49 2	10 39 52.18 6 33 22.6	18.90			1.386	C IV 1549		2179	2179				2179B(J)mag
1037+035 o		10 37 30.3 3 35 34	10 40 5.46 3 19 54.2	19.72			2.060	H I 1216		2179	2179				2179B(J)mag
1037+038 o		10 37 48.2 3 53 22	10 40 23.47 3 37 41.8	19.84			2.252	H I 1216		2179	2179				2179B(J)mag
1038–272 o	TOLOLO 22	10 38 10.40 –27 12 7.8	10 40 32.25 –27 27 48.6	17.8			2.331*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.3047 2.1455 2.0851 2.0768 2.0652 2.0144 1.9564 1.8936 1.8502 0.0001	812	1761 812 1705			1507 1705 1706 1761 2228 2263	1706pos 17.9 arcmin from 1037–2703 1507;95 arcsec from gal,1705, 2118; BAL?
1038–271 o	TOLOLO 23	10 38 11.6 –27 7 17	10 40 33.50 –27 22 57.8	19.5			1.937*	Si IV 1397 C IV 1549 C III 1909	1.887	812	1761 1831			1761 1831	5 arcmin from QSO Tololo 22 (1038–2712), 1761; BAL
1038–271 o	TOLOLO 18	10 38 18.0 –27 9 38	10 40 39.89 –27 25 18.9	19.8			2.549	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.233	812	2201			2201	
1038+045 o		10 38 30.7 4 35 11	10 41 6.24 4 19 29.7	20.04			2.404	H I 1216		2179	2179				2179B(J)mag
1038+311 o	CSO 55	10 38 31.2 31 10 54	10 41 18.72 30 55 12.7	17			1.45	Si IV 1397 C IV 1549 C III 1909		1370	1369				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1038+054 O		10 38 38.0 5 28 19	10 41 13.89 5 12 37.5	19.59			2.737	H I 1216		2179	2179				2179B(J)mag
1038+041 O		10 38 38.9 4 6 21	10 41 14.25 3 50 39.5	18.87			0.928				2184				2184B(J)mag
1038+054 O		10 38 39.6 5 29 26	10 41 15.50 5 13 44.5	19.62			1.253	C IV 1549		2179	2179				2179B(J)mag
1038+064 R X	4C 06.41 OL 064.5 OTL	10 38 40.87 6 25 58.6	10 41 17.15 6 10 17.1	16.81*	.16	−.84	1.265*	C IV 1549 C III 1909 Mg II 2798	0.4414	124 2184	121	506 2054	128 462 789 1111	439 560 2228 2263	121ubv,704, 1202pol,780ir, 958,2251sp, 958FeIIem, 1005x, 1108absr, 1526vlbi 9.6arcsec from anon gal,0.441 zgal,2118,2262
1038+528 R	OL 564 A	10 38 43.13 52 49 10.4	10 41 46.77 52 33 28.7	17.4			(0.677)	Mg II 2798		507	538 632		534 1180 1888		1391,1526vlbi
1038+528 R	B	10 38 45.27 52 49 37.6	10 41 48.90 52 33 55.8	18.5			2.296	H I 1216 N V 1240 C IV 1549 C III 1909		507	632		1180		1391vlbi
1038+041 O		10 38 48.6 4 10 31	10 41 23.97 3 54 49.3	18.02			1.423	C IV 1549		2179	2179				2179B(J)mag
1038+016 C	QNB1:16	10 38 56.6 1 36 13	10 41 30.94 1 20 31.1	20.40		−.26	0.236	Ne V 2974 Ne V 3426 O II 3727		1878 2058	1878 2058				1878Bmag, 2058neml
1038+050 O		10 38 59.6 5 1 47	10 41 35.31 4 46 5.0	19.57			1.83	C IV 1549 He II 1640 N III 1750 C III 1909 Mg II 2798			2184				2184B(J)mag
1039+015 C	QNB1:10	10 39 3.2 1 31 56	10 41 37.51 1 16 13.9	20.99		−1.11	1.704	C IV 1549		1878 2058	1878 2058				1878Bmag
1039+059 O		10 39 4.3 5 54 57	10 41 40.36 5 39 14.9	19.88			2.359	H I 1216		2179	2179				2179B(J)mag
1039+050 O		10 39 7.7 5 3 31	10 41 43.42 4 47 48.8	20.17			1.96	O IV 1402 C IV 1549 C III 1909			2184				2184B(J)mag
1039+049 O		10 39 15.1 4 59 15	10 41 50.79 4 43 32.6	19.60			1.53	C IV 1549 C III 1909 Mg II 2798			2184				2184B(J)mag
1039+017 C	QNB1:08	10 39 21.4 1 47 22	10 41 55.81 1 31 39.5	20.26		−.58	0.202	O II 3727 H I 4861 O III 4959 O III 5007		1878 2058	1878 2058				1878Bmag, 2058neml
1039+013 C	QNB1:32	10 39 21.8 1 21 50	10 41 56.04 1 6 7.5	20.64		−.72	1.724	C IV 1549 C III 1909		1878 2058	1878 2058				1878Bmag
1039+049 O		10 39 24.3 4 57 37	10 41 59.97 4 41 54.4	20.32			1.97	O IV 1402 N IV 1488 C IV 1549 C III 1909			2184				2184B(J)mag
1039+811 R	S5	10 39 27.79 81 10 23.4	10 44 23.08 80 54 39.2	16.5			1.26			937	1667		937 1793		1855mm
1039+140 C	NGC 3338 UB 1	10 39 30 14 0 36	10 42 9.35 13 44 53.3	20.4			(2.04)				549				3.63 arcmin from anon gal, near NGC 3338, 2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1039+140	NGC 3338	10 39 30	10 42 9.35	19.7			2.14				549				4.18 arcmin
C	UB 2	14 0 36	13 44 53.3												from anon gal,
															near NGC 3338,
															2118
1039+582	SBS 8	10 39 36	10 42 45.89	17.5			1.472	C IV 1549		1285	1285				
O		58 12 0	57 56 16.9					O III 1663							
								C III 1909							
1039+046		10 39 36.9	10 42 12.46	19.81			1.63	C IV 1549			2184				2184B(J)mag
O		4 41 44	4 26 1.1					C III 1909							
								Mg II 2798							
1039+067		10 39 37.1	10 42 13.48	19.27			2.022	H I 1216		2179	2179				2179B(J)mag
O		6 44 36	6 28 53.1												
1039+047		10 39 41.3	10 42 16.90	19.40			0.419	Mg II 2798			2184				2184B(J)mag
O		4 47 30	4 31 47.0					O II 3727							
								H I 4340							
								H I 4861							
								O III 4959							
1039+047		10 39 50.2	10 42 25.76	20.15			2.20	H I 1216			2184				2184B(J)mag
O		4 42 54	4 27 10.8					Si IV 1397							
								C IV 1549							
								C III 1909							
1039+012	QNB1:34	10 39 56.5	10 42 30.70	18.61		-1.34	1.398	C IV 1549		1878	1878				1878Bmag
C		1 15 45	1 0 1.6					N III 1750		2058	2058				
								C III 1909							
								Mg II 2798							
1039+012	QNB1:38	10 39 59.7	10 42 33.91	19.05		-.68	2.109+	H I 1216		1878	1878				1878Bmag,
C		1 17 50	1 2 6.5					N V 1240		2058	2058				2058BAL
								Si IV 1397							
								C IV 1549							
								C III 1909							
1040+051		10 40 0.5	10 42 36.22	21.4			3.27				2184				2184B(J)mag
O		5 7 37	4 51 53.5												
1040+123	3CR 245	10 40 6.11	10 42 44.72	16.45*	.46	-.82	1.029	C III 1909		014	012	506	128		014,063,
R	4C 12.37	12 19 15.1	12 3 31.5					Mg II 2798			154	875	462		066ubv,
X	PKS							Mg II 2804				1068	787		1201pol,799ir,
	OL 166.6							Ar IV 2854				1902	789		1107,1980x,
	NRAO 358							Ar IV 2869					882		1159,1526vlbi,
	DA 289												1111		335sp,158,
	AO												1591		295fc
													1804		superluminal
													2013		source 1827,
													2069		1727; 1902avg
													2092		ph mag
1040+015	QNB1:43	10 40 10.2	10 42 44.52	20.34		-1.47	1.845	Si IV 1397		1878	1878				1878Bmag
C		1 33 33	1 17 49.3					C IV 1549		2058	2058				
								C III 1909							
1040+013	QNB1:24	10 40 14.5	10 42 48.75	20.73		-1.04	0.700	Mg II 2798		1878	1878				1878Bmag
C		1 23 6	1 7 22.2							2058	2058				
1040+014	QNB1:22	10 40 17.4	10 42 51.68	20.01		-1.02	(1.426)	C IV 1549		1878	1878				1878Bmag
C		1 28 46	1 13 2.1					C III 1909		2058	2058				
1040+015	QNB1:49	10 40 18.0	10 42 52.31	19.66		-.86	2.433+	H I 1216		1878	2058				1878Bmag
C		1 33 21	1 17 37.1					C IV 1549							Ly alpha abs,
															2058
1040+008	QNB2:36	10 40 19.5	10 42 53.52	20.61		-.97	2.116	H I 1216		1878	1878				1878Bmag
C		0 48 50	0 33 6.0					C IV 1549			2058				
1040+011	QNB2:02	10 40 29.7	10 43 3.86	19.32		-.86	(0.730)	Mg II 2798		1878	1878				1878Bmag
C		1 10 4	0 54 19.8								2058				
1040+039		10 40 31.8	10 43 7.05	18.08			0.854				2184				2184B(J)mag
C		3 57 7	3 41 22.7												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1040+014	QNB1:20	10 40 32.3	10 43 6.56	20.93		-.55	2.503	H I 1216		1878	1878				1878Bmag
C		1 24 33	1 8 48.7					N V 1240			2058				
								Si IV 1397							
								C IV 1549							
1040+011	QNB2:06	10 40 35.6	10 43 9.74	20.76		-.94	1.692	C IV 1549		1878	2058				1878Bmag
C		1 6 41	0 50 56.6					C III 1909							
1040+012	QNB1:26	10 40 40.0	10 43 14.21	19.94		-1.45	1.917	H I 1216		1878	1878				1878Bmag
C		1 17 54	1 2 9.5					N V 1240			2058				
								Si IV 1397							
								C IV 1549							
1040+013	QNB1:28	10 40 40.5	10 43 14.73	20.61		-.74	1.494	C IV 1549		1878	1878				1878Bmag
C		1 21 25	1 5 40.5					C III 1909			2058				
1040+009	QNB2:07	10 40 47.5	10 43 21.59	19.74		-.66	0.627	Mg II 2798		1878	1878				1878Bmag
C		0 59 6	0 43 21.4								2058				
1040+046		10 40 48.1	10 43 23.61	18.92			2.330	H I 1216		2179	2179				2179,
O		4 38 2	4 22 17.3								2184				2184B(J)mag
1041+007	QNB2:46	10 41 7.0	10 43 41.00	20.29		-1.00	1.402	C III 1909		1878	2058				1878Bmag
C		0 45 52	0 30 6.9												
1041+010	QNB2:01	10 41 13.1	10 43 47.23	19.22		-1.53	1.253	C IV 1549		1878	1878				1878Bmag
C		1 5 48	0 50 2.7					C III 1909			2058				
1041+049		10 41 15.0	10 43 50.60	19.35			0.556				2184				2184B(J)mag
O		4 54 3	4 38 17.7												
1041+011	QNB2:17	10 41 16.7	10 43 50.86	21.01		-.69	0.305	O II 3727		1878	1878				1878Bmag,
C		1 11 8	0 55 22.6								2058				2058neml
1041+049		10 41 22.2	10 43 57.80	18.60			2.409	H I 1216		2179	2179				2179B(J)mag
O		4 54 9	4 38 23.5												
1041+011	QNB2:15	10 41 26.6	10 44 0.73	19.04		-.72	1.697	C IV 1549		1878	1878				1878Bmag
C		1 6 40	0 50 54.4					C III 1909			2058				
1041-147	R05.12	10 41 27.2	10 43 55.06	18.4 *			2.12			2277	2277				
		-14 47 30	-15 3 15.6												
1041+009	QNB2:28	10 41 28.4	10 44 2.47	20.98		-.93	1.194	C III 1909		1878	1878				1878Bmag
C		0 56 46	0 41 0.4								2058				
1041+035		10 41 31.3	10 44 6.36				0.267				2184				2184B(J)mag
		3 30 36	3 14 50.3												
1041+057		10 41 33.6	10 44 9.54	17.95			2.092				2184				2184B(J)mag
O		5 47 20	5 31 34.2												
1041+008	QNB2:24	10 41 43.2	10 44 17.25	19.35		-.54	0.192	H I 4102		1878	1878				1878Bmag
C		0 53 10	0 37 24.0					H I 4861			2058				
								O III 4959							
								O III 5007							
1041+009	QNB2:25	10 41 49.1	10 44 23.17	19.49		-1.08	1.324	C III 1909		1878	1878				1878Bmag
C		0 56 42	0 40 55.9					Mg II 2798			2058				
1041+007	QNB2:42	10 41 49.7	10 44 23.68	20.91		-1.12	(0.600)	Mg II 2798		1878	1878				1878Bmag
C		0 43 28	0 27 41.9								2058				
1041+055		10 41 54.0	10 44 29.85				1.92				2184				2184B(J)mag
C		5 34 44	5 18 57.8												
1042+007	QNB2:45	10 42 0.0	10 44 34.01	20.81		-1.27	1.244	C III 1909		1878	2058				1878Bmag
C		0 47 47	0 32 0.6												
1042+029		10 42 2.4	10 44 37.24	18.55			2.094	H I 1216		2179	2179				2179B(J)mag
O		2 57 58	2 42 11.6												
1042+041		10 42 16.7	10 44 51.99	17.16			0.213				2184				2184B(J)mag
C		4 8 38	3 52 51.2												
1042+007	QNB2:40	10 42 19.1	10 44 53.09	20.48		-.92	0.857	C III 1909		1878	1878				1878Bmag
C		0 44 1	0 28 14.2					Mg II 2798			2058				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1042+071	PKS	10 42 19.42	10 44 55.88	20.5			0.698	Mg II 2798		412	1861		1861		
R		7 11 24.4	6 55 37.5					O II 3727							
								O III 4959							
								O III 5007							
1042+008	QNB2:23	10 42 21.6	10 44 55.64	20.11		-.85	1.166	C III 1909		1878	1878				1878Bmag
C		0 53 10	0 37 23.1					Mg II 2798			2058				
1042-000	F855:174	10 42 41.8	10 45 15.48	21.90	.73	-.91	(1.737)			2214	2214				
C		-0 4 28	-0 20 15.4												
1042+349		10 42 49.87	10 45 38.70	18.5			2.347			1446	1447				
R		34 56 59.0	34 41 11.4												
1042+048		10 42 52.6	10 45 28.15	18.92			0.294				2184				2184B(J)mag
C		4 50 50	4 35 2.4												
1042+066		10 42 53.6	10 45 29.84	19.16			2.122	H I 1216		2179	2179				2179B(J)mag
O		6 39 27	6 23 39.3												
1043+071		10 43 7.2	10 45 43.63	19.29			2.114	H I 1216		2179	2179				2179B(J)mag
O		7 11 12	6 55 24.0												
1043-152	R05.17	10 43 8.4	10 45 36.22	19.2 *			2.12			2277	2277				
		-15 12 46	-15 28 34.0												
1043+001	F855:159	10 43 9.0	10 45 42.77	21.65	.84	-1.46	(1.203)	C IV 1549		2214	2214				
C		0 10 38	-0 5 10.0					C III 1909							
1043+000	F855:107	10 43 13.1	10 45 46.81	20.12	.63	-.87	(1.087)	C III 1909		2214	2214				
C		0 0 41	-0 15 7.1												
1043+066		10 43 16.5	10 45 52.73	17.88			1.507				2184				2184B(J)mag
C		6 40 25	6 24 36.8												
1043+066		10 43 21.8	10 45 58.03	19.06			0.429				2184				2184B(J)mag
C		6 40 14	6 24 25.7												
1043+000	F855:137	10 43 24.4	10 45 58.13	21.28	.72	-1.26	(1.180)	C III 1909		2214	2214				
C		0 4 0	-0 11 48.4												
1043+038		10 43 37.3	10 46 12.46	18.95			1.480				2184				2184B(J)mag
C		3 52 13	3 36 24.3												
1043-003	F855:121	10 43 37.6	10 46 11.17	20.68	.60	-.67	2.113+	C IV 1549		2214	2214				
C		-0 22 46	-0 38 34.7												
1043-004	F855:86	10 43 37.9	10 46 11.44	18.60	.62	-1.03	0.967	C III 1909		2214	2214				
C		-0 27 24	-0 43 12.7												
1043+000	F855:158	10 43 38.1	10 46 11.82	21.65	.33	-.04	2.354	H I 1216		2214	2214				
C		0 2 29	-0 13 19.7					C IV 1549							
1043-000	F855:168	10 43 40.1	10 46 13.78	21.81	.60	-.69	1.045			2214	2214				
C		-0 4 7	-0 19 55.8												
1043-001	F855:125	10 43 41.4	10 46 15.06	20.80	.56	-.70	1.952+	H I 1216		2214	2214			2214	BAL
C		-0 6 59	-0 22 47.8					C IV 1549							
1043+000	F855:134	10 43 45.8	10 46 19.53	21.21	.51	-.83	1.107	C III 1909		2214	2214				
C		0 2 52	-0 12 56.9												
1043-002	F855:108	10 43 52.0	10 46 25.62	20.22	.80	-.61	1.446+	C IV 1549		2214	2214			2214	BAL
C		-0 14 50	-0 30 39.0					He II 1640							
								C III 1909							
1043+001	F855:162	10 43 55.9	10 46 29.66	21.73	.54	-.43	1.254	C III 1909		2214	2214				
C		0 8 52	-0 6 57.1												
1044-000	F855:123	10 44 3.7	10 46 37.40	20.75	.28	-.84	2.057	H I 1216		2214	2214				
C		-0 0 44	-0 16 33.3					Si IV 1397							
								C IV 1549							
								C III 1909							
1044+001	F855:156	10 44 6.7	10 46 40.46	21.60	.47	-.23	(1.602)	C IV 1549		2214	2214				
C		0 8 15	-0 7 34.4					C III 1909							
1044+027		10 44 7.3	10 46 42.05	18.60			0.534	Mg II 2798		2179	2179				2179B(J)mag
O		2 47 19	2 31 29.6												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1044–001 C	F855:102	10 44 12.8 –0 10 12	10 46 46.44 –0 26 1.5	19.90	.39	–.85	2.050	H I 1216 C IV 1549		2214	2214				
1044+059 O		10 44 20.8 5 57 39	10 46 56.73 5 41 49.3	18.28			1.226	C III 1909		2179	2179				2179B(J)mag
1044+000 C	F855:124	10 44 22.5 0 4 12	10 46 56.23 –0 11 37.8	20.79	.69	–.76	1.395	C IV 1549 C III 1909 Mg II 2798		2214	2214				
1044–002 C	F855:152	10 44 23.2 –0 17 26	10 46 56.80 –0 33 15.8	21.51	.54	–.56	2.113	H I 1216 C IV 1549		2214	2214				
1044–000 C	F855:155	10 44 28.7 –0 4 14	10 47 2.38 –0 20 3.9	21.59	.82	–1.23	1.789	C IV 1549 C III 1909		2214	2214				
1044+000 C	F855:133	10 44 32.9 0 0 28	10 47 6.61 –0 15 22.0	21.21	.55	–1.19	1.073	C III 1909		2214	2214				
1044+476 R	OL 474	10 44 35.75 47 41 20.9	10 47 32.66 47 25 30.8	18.4			0.800	C III 1909 Mg II 2798		507	1288		1521 2060		
1044+000 C	F855:111	10 44 37.7 0 2 8	10 47 11.42 –0 13 42.1	20.41	.64	–.31	0.729	Mg II 2798		2214	2214				
1044+000 C	F855:140	10 44 39.7 0 4 0	10 47 13.43 –0 11 50.2	21.32	.51	–.95	1.518	C IV 1549 C III 1909		2214	2214				
1044+061 O		10 44 40.4 6 7 49	10 47 16.39 5 51 58.8	18.26			0.893	C III 1909		2179	2179				2179B(J)mag
1044+054 O		10 44 45.8 5 29 38	10 47 21.54 5 13 47.7	19.33			1.738	H I 1216		2179	2179				2179B(J)mag
1044+056 O		10 44 57.4 5 40 46	10 47 33.21 5 24 55.4				1.306				2184				2184B(J)mag
1045+050 O		10 45 4.0 5 3 33	10 47 39.58 4 47 42.3	19.33			1.723	C IV 1549		2179	2179				2179B(J)mag
1045+350 R		10 45 5.16 35 3 52.3	10 47 53.63 34 48 1.6	20.8			0.923			1446	1447				8.63 arcmin from NGC 3381, 2118
1045+060 O		10 45 6.8 6 5 50	10 47 42.76 5 49 59.2	19.48			2.212	H I 1216		2179	2179				2179B(J)mag
1045+052 O		10 45 11.5 5 12 28	10 47 47.13 4 56 37.1	19.21			2.118	H I 1216		2179	2179				2179B(J)mag
1045+065 O		10 45 16.6 6 34 19	10 47 52.73 6 18 28.0	19.12			1.310	C IV 1549		2179	2179				2179B(J)mag
1045+604 R	4C 60.15 OL 676	10 45 23.10 60 24 37.3	10 48 33.50 60 8 46.0	17.5			1.722	H I 1216 C IV 1549 C III 1909		100	100		534 789 1818		1320rpol
1045+056 O		10 45 24.6 5 38 0	10 48 0.38 5 22 8.8	19.39			1.230	C III 1909		2179	2179				2179B(J)mag
1045+044 O		10 45 26.9 4 26 33	10 48 2.24 4 10 41.8	19.18			0.865	C III 1909		2179	2179				2179B(J)mag
1045+026 O		10 45 33.0 2 36 29	10 48 7.66 2 20 37.6	18.70			1.832	H I 1216		2179	2179				2179B(J)mag
1045+128 C	NGC 3384 UB 13	10 45 38 12 53 42	10 48 16.50 12 37 50.5	20.6			(0.497)	O II 3727		543	543				873xnd 10 arcsec from NGC 3379, 2.78 arcmin from NGC 3384, 6.95 arcmin from NGC 3389,2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1045+128 C	NGC 3384 UB 14	10 45 38 12 53 42	10 48 16.50 12 37 50.5	20.5			(0.52)			543	543				873xnd 27.48 arcmin from NGC 3379, 24.35 arcmin from NGC 3384, 18.43 arcmin from NGC 3389, 2118
1045+128 C	NGC 3384 UB 2	10 45 38 12 53 42	10 48 16.50 12 37 50.5	19.8			1.28	C III 1909 Mg II 2798		543	543				873xnd 16 arcmin from NGC 3379, 11.8 arcmin from NGC 3384, 6 arcmin from NGC 3389,2118
1045+128 C	NGC 3384 UB 5	10 45 38 12 53 42	10 48 16.50 12 37 50.5	19.2			1.192	C III 1909 Mg II 2798		543	543				873xnd 16 arcmin from NGC 3379,17.73 arcmin from NGC 3384, 24 arcmin from NGC 3389,2118
1045+128 C	NGC 3384 UB 8	10 45 38 12 53 42	10 48 16.50 12 37 50.5	18.7			1.134	C III 1909 Mg II 2798		543	543				873xnd 19.82 arcmin from NGC 3379, 13.25 arcmin from NGC 3384, 10.95 arcmin from NGC 3389, 2118
1045+128 C	NGC 3384 UB 15	10 45 38 12 53 42	10 48 16.50 12 37 50.5	19.7			1.131	C III 1909 Mg II 2798		543	543				873xnd 31.3 arcmin from NGC 3379, 26.78 arcmin from NGC 3384, 21.57 arcmin from NGC 3389 2118
1045+128 C	NGC 3384 UB 4	10 45 38 12 53 42	10 48 16.50 12 37 50.5	19.9			1.107	C III 1909 Mg II 2798		543	543				873xnd 10.78 arcmin from NGC 3379, 11.13 arcmin from NGC 3384, 17.38 arcmin from NGC 3389, 2118
1045+128 C	NGC 3384 UB 1	10 45 38 12 53 42	10 48 16.50 12 37 50.5	19.4			1.111	C III 1909 Mg II 2798		543	543				873xnd 9.73 arcmin from NGC 3379, 4.17 arcmin from NGC 3384, 2.43 arcmin from NGC 3389, 2118
1045-188 R	MC	10 45 40.08 -18 53 44.1	10 48 6.61 -19 9 35.7	18.8			0.595	Mg II 2798 O III 3133 Ne V 3426 NeIII 3869 H I 4102 H I 4340 O III 4363 H I 4861 O III 5007		1445	1445		023 087 2056		1526vlbi, 1789mm, 1445FeIIem
1046+058 O		10 46 4.3 5 51 42	10 48 40.15 5 35 49.9	18.66			1.956	H I 1216		2179	2179				2179B(J)mag
1046-409 R	PKS	10 46 22.71 -40 58 6.9	10 48 38.34 -41 13 59.4	17.5			0.620	Mg II 2798 H I 4340 H I 4861 O III 5007		1898	1251		1251		1526vlbi

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1046+045		10 46 39.0	10 49 14.34	19.07			1.608	C IV 1549		2179	2179				2179B(J)mag
O		4 30 20	4 14 27.1												
1046+031		10 46 42.8	10 49 17.66	18.56			2.173	H I 1216		2179	2179				2179B(J)mag
O		3 10 36	2 54 43.0												
1046+044		10 46 48.0	10 49 23.33	20.11			1.37				2184				2184B(J)mag
		4 29 11	4 13 17.9												
1046+060		10 46 53.2	10 49 29.08	19.07			1.850	H I 1216		2179	2179				2179B(J)mag
O		6 0 46	5 44 52.8												
1046+053	4C 05.46	10 46 56.63	10 49 32.27	18.94	.24	–.88	1.115	C IV 1549		124	121	506	462		121ubv
R	OL 078.4	5 21 25.6	5 5 32.3					C III 1909		2184			775		
								Mg II 2798					789		
													1111		
1047+067		10 47 0.8	10 49 36.94	16.73			0.148	Mg II 2798		2179	2179				2179B(J)mag
O		6 45 15	6 29 21.6												
1047+031		10 47 24.9	10 49 59.75	18.44			1.310	C IV 1549		2179	2179				2179B(J)mag
O		3 11 11	2 55 17.1												
1047+048		10 47 34.7	10 50 10.13	18.42			1.207	C IV 1549		2179	2179				2179B(J)mag
O		4 48 42	4 32 47.9												
1047+050		10 47 46.6	10 50 22.10	19.56			1.292	C IV 1549		2179	2179				2179B(J)mag
O		5 1 29	4 45 34.6												
1047+096	4C 09.37	10 47 48.95	10 50 26.13	17.86*	.40	–.66	0.786	C III 1909		124	121	506	462		121ubv,
R	OL 079.2	9 41 47.7	9 25 53.3					Mg II 2798					775		1159vlbi
								NeIII 3869					789		
													1111		
													1888		
1047–281	IRAS	10 47 55.3	10 50 18.12	16			0.190	He II 4686		2230	2230		2300		
IR		–28 7 45	–28 23 39.6					H I 4861							
R								O III 4959							
								O III 5007							
								He I 5876							
								H I 6563							
								S II 6717							
								S II 6731							
1047+047		10 47 55.4	10 50 30.81	19.72			1.215	C IV 1549		2179	2179				2179B(J)mag
O		4 46 49	4 30 54.4												
1048+045		10 48 7.5	10 50 42.83	19.20			0.230	Mg II 2798		2179	2179				2179B(J)mag
O		4 33 34	4 17 39.2												
1048+347	B2	10 48 10.4	10 50 58.11	20.45			2.52	C IV 1549		1297	1181		1521		
R	GC	34 46 3	34 30 8.1										2060		
1048+240	4C 24.23	10 48 46.72	10 51 29.38	18.5			1.274	C IV 1549		155	831		462		1320rpol,003,
R	CTD 68	24 3 57.2	23 48 1.5					C III 1909			155		774		020fc
	OL 281												800		
	PKS														
	B2														
1048+342	CSO 294	10 48 56.1	10 51 43.41	15.81			0.167	O II 3727		1117	1117		2011		1260imag,
C	PG	34 15 23	33 59 27.1					H I 4340							1598sp,1729,
								H I 4861							2005ir,2112x
								O III 4959							2 compan gals,
								O III 5007							1788; 11 kpc
															from anon gal,
															0.167zgal, 50
															kpc from anon
															gal,20.2vgal,
															faint gals
															near,2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1048–090 R X	PKS 3C 246 NRAO 359 OL 082 MSH 10–019 PG MC	10 48 59.41 –9 2 13.6	10 51 29.94 –9 18 9.6	16.79*	.06	–.49	0.344	Mg II 2798 Ar IV 2854 O III 3133 He II 3203 Ne V 3345 Ne V 3426 O II 3727 NeIII 3869 NeIII 3968 H I 4340 O III 4959 O III 5007		112	054 1968	492	775 2011 2056		059,112ubv, 156,704, 1202pol, 940ext,749pos, 1222elp,1117, 1420,1598sp, 1487,2112x, 1526vlbi, 077fc, 1420FeIIem, 1688,1700, 1884,2145imag, 1729,2005ir 0.4 arcmin from anon gal,1650; 23 arcsec from anon gal, 26 arcsec from anon gal, 0.1255zgal, faint gals near,2118
1049+302 O	CSO 59	10 49 0.7 30 12 0	10 51 46.02 29 56 4.0	17			0.97	C III 1909 Mg II 2798		1370	1369				
1049+073 O		10 49 2.4 7 19 33	10 51 38.68 7 3 37.0	19.86			2.318	H I 1216		2179	2179				2179B(J)mag
1049+215 R	4C 21.28 OL 282 PKS	10 49 7.26 21 35 48.4	10 51 48.86 21 19 52.3	17.89*			1.30	C IV 1549 C III 1909 Mg II 2798		132	009	875 1068 1902	086		1201pol, 1526vlbi 1902avg ph mag
1049–005 C R	PG OL 084	10 49 18.0 –0 35 20	10 51 51.51 –0 51 16.4	15.95			0.357	Mg II 2798 O II 3727 NeIII 3869		1117	1117		2011		1598sp,1700, 2145imag,1729, 2005ir,2112x 17.9 arcmin from IC 653, 1650; faint gals near,2118
1049+616 R	4C 61.20 OL 682	10 49 22.43 61 41 18.2	10 52 32.77 61 25 21.6	16.48*	.10	–.76	0.422*	Mg II 2798 O II 3727 H I 4340 H I 4861 O III 4959 O III 5007	0.3933 0.2251	129	100 828	567	534	1869 2263	106ubv,704, 1202pol,958sp, 1320rpol,958, 1469FeIIem, 1688,1700imag 17.7 arcmin from NGC 3435, 2.9 arcmin from NGC 3407, 1650,2118
1049+045 O		10 49 26.1 4 32 36	10 52 1.39 4 16 39.4				2.198	H I 1216		2179	2179				2179B(J)mag
1049+489 R	5C2.10	10 49 41 48 55 53	10 52 37.33 48 39 56.1	18			0.478	Mg II 2798 Ar IV 2854 Ar IV 2869		018	018				308fc
1050–184 R	PKS	10 50 6.9 –18 29 21	10 52 34.01 –18 45 18.5	17.06	–.07	–.53	0.544	Mg II 2798 Ar IV 2854 Ar IV 2869 Ne V 2974 O III 3133 O II 3727 NeIII 3869 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		433	432		432 2056		780ir,1222elp, 1485ubv, 1686xnd, 2145imag
1050+069 O		10 50 36.1 6 54 17	10 53 12.18 6 38 18.9				1.930	H I 1216		2179	2179				2179B(J)mag
1050+045 O		10 50 37.4 4 34 1	10 53 12.67 4 18 2.9				2.151	H I 1216		2179	2179				2179B(J)mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1050+542 R		10 50 57.1 54 17 52	10 53 57.72 54 1 53.4	18.2			1.003	C III 1909 Mg II 2798		581	1288		1521		
1051+040 O		10 51 25.4 4 3 59	10 54 0.49 3 47 59.9				2.088	H I 1216		2179	2179				2179B(J)mag
1054+015 O		10 54 6.3 1 35 22	10 56 40.53 1 19 19.6	18.5			1.430	C IV 1549 C III 1909		1856	1692 2217				
1054–034 O X R		10 54 10.35 –3 24 38.7	10 56 42.96 –3 40 41.2	18			2.118+	H I 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 C IV 1549		409	1000 409 1872 2281		1162	1000 1872	912,1488x
1054–053 O R		10 54 37.11 –5 18 58.7	10 57 9.11 –5 35 1.8	18			1.456	C IV 1549 C III 1909		409	409		1162		
1054+020 O		10 54 39.1 2 3 58	10 57 13.48 1 47 54.9	20.0			2.290	H I 1216 C IV 1549 C III 1909		1856	1692 2217				
1054–207	J05.03	10 54 59.0 –20 44 32	10 57 25.76 –21 0 35.6	17.9			2.10			2277	2277				
1055+017 O		10 55 10.7 1 45 27	10 57 44.98 1 29 23.3	20.1			1.688	H I 1216 C IV 1549 C III 1909		1856	1692 2217				
1055+499 R	5C2.56 OL 492	10 55 17.73 49 55 39.7	10 58 13.02 49 39 35.8	19.5 *			2.399*	H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909	2.367	018	018 073 084 2049 2281	073 084 257 290	1297 1818	084 2049 2263	1818,1891pos, 308fc
1055+019 O		10 55 19.4 1 54 9	10 57 53.72 1 38 5.1	20.5			1.064	C III 1909 Mg II 2798		1856	1692 2217				
1055+021 O		10 55 22.1 2 10 7	10 57 56.51 1 54 3.0	17.8			2.730	H I 1216 C IV 1549		1856	1692 2217				
1055+020 O		10 55 25.2 2 1 19	10 57 59.56 1 45 15.0	20.1			1.356	C IV 1549 C III 1909 Mg II 2798		1856	1692 2217				
1055+017 O		10 55 33.4 1 44 48	10 58 7.67 1 28 43.8	20.5			1.940	H I 1216 C IV 1549		1856	1692 2217				
1055+605 X	E	10 55 34 60 33 31	10 58 39.64 60 17 26.7	17.0	.20		0.149	H I 4861 O III 5007		1417	1417				1417x,1910sp
1055+201 R	PKS 4C 20.24 OL 293 DA 292	10 55 37.59 20 7 55.3	10 58 17.95 19 51 51.1	16.25*	.44	–.81	1.11	C III 1909 Mg II 2798		052	083	253 290 1068	128 775 979 1111 1591 1804		083ubv, 1201pol,1159, 1526vlbi 1902avg ph mag
1055–045 O R		10 55 40.18 –4 34 8.5	10 58 12.44 –4 50 12.8	17.79	.07	–.73	1.428*	C IV 1549 C III 1909	1.256	409	409 1635		1162	560 1635 2228 2263	704,1202pol, 1485ubv
1055+021 O		10 55 40.3 2 8 35	10 58 14.69 1 52 30.7	18.9			1.647	C IV 1549 C III 1909		1856	1692 2217				
1055+016 O		10 55 51.2 1 38 28	10 58 25.43 1 22 23.5	19.7			0.497	Mg II 2798 O II 3727		1856	1692 2217				
1055+584 O	SBS 9	10 55 54 58 24 0	10 58 56.88 58 7 55.4	18			2.239*	H I 1216 Si IV 1397 C IV 1549	2.215	1285	1285			1285 2263	

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1055+018	PKS	10 55 55.33	10 58 29.62	18.28*	.46	-.53	0.888	C III 1909		050	076	1800	1162		438ubv,1399ir,
R	DA 293	1 50 3.4	1 33 58.8					Mg II 2798		1856	436		1212		936,1140,1157,
	OL 093										2217		1399		1204,1322rvar,
	4C 01.28												1557		1388,1388rpol,
													1771		1028,1789mm,
													1792		079fc,1466,
													1807		1526vlbi,1800,
													1877		2103pol
													1930		
													1937		
													2085		
1056+015		10 56 17.8	10 58 52.01	20.2			2.650	H I 1216		1856	1692				
O		1 33 32	1 17 26.9					C IV 1549			2217				
1056+162	UT	10 56 25.0	10 59 3.95	18			1.006	C III 1909		1437	836				
R		16 16 50	16 0 44.8					Mg II 2798			1437				
1056+017		10 56 26.7	10 59 0.97	20.3			2.518	H I 1216		1856	1692				
O		1 45 54	1 29 48.8					Si IV 1397			2217				
								O IV 1402							
								C IV 1549							
1057+016		10 57 17.1	10 59 51.32	18.5			1.978	H I 1216		1856	1692				
O		1 37 33	1 21 26.8					C IV 1549			2217				
								C III 1909							
1057+100	MC	10 57 43.8	11 0 20.64	17.76	.39	-.74	1.317	C III 1909		166	2205		837		323,648,
R		10 5 42	9 49 35.3					Mg II 2798					1086		1485ubv,
													1367		323pol,044sp,
															2107,2112x,
															2259imag,
															648phot
1058+110	4C 10.30	10 58 10.8	11 0 47.92	17.1 *	.04	-.74	0.423	Mg II 2798		124	121	121	462		121ubv,
R	AO	11 2 19.4	10 46 12.2					NeIII 3869				290	775		1201pol,
	OL 196							O III 4959				506	789		1159vlbi,
								O III 5007							1320rpol,
															1420sp,
															1420FeIIem,
															1688,1700,
															1884imag
															2.0 arcmin
															from anon
															spiral,1650;
															faint gals
															near,2118
1058+726	W1	10 58 20.02	11 1 48.73	17.9			(0.375)			690	689		937		873x,1526vlbi
R	4C 72.16	72 41 44.7	72 25 37.0							1811			1170		
X	S5														
1059+450		10 59 0	11 1 50.84				0.76	Mg II 2798			1867				
X		45 0 0	44 43 51.9					H I 4861							
1059+282	GC	10 59 31.41	11 2 14.26	19			1.861	H I 1216		132	009		1520		
R		28 13 17.9	27 57 9.2					C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1100+772	3CR 249.1	11 0 27.44	11 4 13.87	15.72*	−.02	−.77	0.311	Mg II 2798		008	157	006	128		008ubv,156,
R	4C 77.09	77 15 8.6	76 58 58.4					O II 3727		1811	085	247	462		704,1202pol,
X	NRAO 363							NeIII 3869			098	248	775		1320rpol,1015,
	NB 77.13							H I 4102				290	870		1355,1693,
	PG							H I 4340				1142	937		1941,2061uv,
	S5							H I 4861					1105		1133,1223,
								O III 4959					1167		1362ext,912,
								O III 5007					1235		1107,1183,
													1476		1487,1781,
													1891		2112x,038,324,
													1998		336,570,1117,
													2011		1598sp,799,
													2013		1617,1729,
															2005,2021ir,
															749pos,
															1813ir/r,
															1526vlbi,158,
															245fc,1947elp,
															2099mm
															1700imag/ext;
															faint gals
															near,2118
1100−264		11 0 59.9	11 3 25.30	16.02	.06	−.71	2.152*	O VI 1034	2.1250	409	409		1162	552	780,1319,
O		−26 29 4.9	−26 45 15.4					H I 1216	1.8391		328			710	1983ir,883uv,
X								N V 1240	1.6532		710			911	1000,1138,
R								Si II 1263	1.4769		2281			1000	2020sp,
								Si IV 1397	1.2677					1197	1485ubv,1488x,
								C IV 1549	1.2023					1394	2080imag
								He II 1640	1.1869					1747	Ly alpha abs,
								C III 1909	0.3592					1754	1197; nearby
									0.3564					2020	gal 0.359zgal,
									0.0000					2075	2262; 17
														2228	arcsec from
														2263	anon gal,0.18
															zgal, 1 arcmin
															from anon gal,
															0.297zgal,
															11.67 arcmin
															from anon gal,
															0.370zgal,2118
1101−325	PKS	11 1 8.42	11 3 31.49	16.3 *	−.01	−.81	0.355	Mg II 2798		025	410	745	384		736ubv,761,
R	K15.03	−32 34 51.4	−32 51 2.0					Ne V 3426		2193	2194	2054	2056		1304sp,780,
								O II 3727							886,1617ir,
								NeIII 3869							1222elp,
								He 3970							1320rpol,
								H I 4102							1526vlbi,
								H I 4340							2145imag
								O III 4363							
								He II 4686							
								H I 4861							
								O III 4959							
								O III 5007							
1101−232	HEAO	11 1 11.1	11 3 37.68	16.55	.45	−.61				2034					1800pol
BL Lac X		−23 13 20	−23 29 30.7												0.186zgal,
															18.3vgal,2034

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1101+384 BL Lac C X R	MKN 421 B2 OM 303	11 1 40.57 38 28 43	11 4 27.32 38 12 31.9	13.82*	.51	-.55				371 715 732	535 635	661 723 875 970 1068 1142 1791 1902 1932 1933 2271	791 837 907 1084 1127 1367 1557 1757 1807		323,661ubv, 323,661,877, 900,968,1541, 1988,2062, 2167pol,900, 1011,1056, 1389phot,1185, 1348uv,1384ir, 1238,1563xvar, 668,700,829, 915,1057,1278, 1307,1534, 1542,1936, 2107,2112x, 1164,1687, 1712,2102mf, 915ubvri,1526, 2159vlbi, 637sp,723fc 0.0308zgal, 661; IRAS source,1806; 1902avg Bmag
1103-006 R	PKS 4C 00.43 OM 006 PG	11 3 58.07 -0 36 37.7	11 6 31.62 -0 52 51.3	16.46	-.07	-.77	0.426	Mg II 2798 Ne V 3426 NeIII 3869 H I 4340 H I 4861 O III 4959 O III 5007		026	410 436		789 1111 1877 2011	560	736ubv,704, 1202pol,761, 1117,1181, 1304,1420, 1598sp,780, 886,1729, 2005ir, 1222elp, 1181uv, 1320rpol, 1420FeIIem, 1526vlbi,1688, 1700,2145imag, 1898pos,2112x 53 arcmin from NGC 3521,1650; faint gals near,2118
1104+728 R	W1	11 4 18.10 72 48 49.8	11 7 41.84 72 32 35.7	18.9			2.10			690	689		937 1818		1526vlbi 4.25 arcmin from NGC 3516, 2118
1104+167 R	4C 16.30 OM 109 VR16.11.01 GC MC	11 4 36.66 16 44 17.1	11 7 15.07 16 28 2.9	15.7 *	.21	-.65	0.634	Mg II 2798 Ne V 3426 H I 4340 H I 4861		124	121	506	462 789 1111 1145 1888	560	121ubv,704, 1202pol,886, 1617ir,958, 1188,1420sp, 1320rpol,958, 1325, 1420FeIIem, 1526vlbi, 1688imag faint gals near,2118
1104+058 R	PKS 4C 05.48	11 4 39.8 5 49 23	11 7 15.11 5 33 8.7	18.25			0.881	C III 1909 Mg II 2798		124	436		789		
1104-445 R	PKS	11 4 50.37 -44 32 53.5	11 7 8.70 -44 49 8.0	18.2			1.598+	C IV 1549 N III 1750 C III 1909		095	500		787 2056	500	1526vlbi,761, 1304sp,847, 865pos, 2103pol
1105-680 R	PKS	11 5 17.90 -68 4 35.8	11 7 12.81 -68 20 50.7	18.4			0.588	Mg II 2798 H I 4340 H I 4861 O III 4959 O III 5007		1707 1898	1251				1526vlbi
1105+392 R	B3	11 5 49.8 39 15 16	11 8 35.96 38 59 0.6	18.5			0.781	Ne IV 2424 Mg II 2798 Ne V 3426 O II 3727 NeIII 3968		1990	2270				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1107+487 O		11 7 48.2 48 47 30	11 10 38.64 48 31 12.7	16.7			3.0	H I 1216		1993	1993				
1107+036 R	OTL	11 7 49.25 3 37 53.6	11 10 23.91 3 21 36.2	18.9			0.963+	N V 1240 C III 1909 Mg II 2798 O II 3727 H I 4861	0.952	680	681 578		1086	578 2228	1097sp 20 arcsec from anon gal,0.029 zgal,2118
1108+289 C		11 8 26.67 28 57 54	11 11 8.42 28 41 36.1	20			2.192+	H I 1216 O I 1304 C IV 1549		160	159			159	853rnd,498fc 8.87 arcmin from NGC 3550, 6.48 arcmin from NGC 3552 and NGC 3553, 5.45 arcmin from NGC 3554, 9.57 arcmin from NGC 3558, 1.1arcmin from NGC 3561,2118
1109+357 X	1E	11 9 18 35 44 0	11 12 1.97 35 27 41.3	18.1			0.91			1696	1696				2174varnd 0.52 arcmin from NGC 3569, 0.027zgal,14.5 vgal,1696,2118
1109+437 R	4C 43.21	11 9 52.28 43 42 19.6	11 12 39.45 43 26 0.4	19.0			1.680+	Si IV 1397 O IV 1402 C IV 1549 C III 1909		507	1288		1521 1804 1996	1288	
1109+350 R	UT	11 9 55.16 35 2 58.4	11 12 38.75 34 46 39.1	18.5			1.945	C IV 1549 C III 1909		1437 1446	1437 1447				
1110–184	J06.07	11 10 29.4 –18 24 7	11 12 58.48 –18 40 27.0	19.3			2.96			2277	2277				
1111–152	R07.04	11 11 21.1 –15 17 24	11 13 51.07 –15 33 44.7	18.7 *			3.37			2277	2277				
1111+149 R	OM 118 PKS GC	11 11 21.27 14 58 47.7	11 13 58.66 14 42 27.1	18 *			0.869	C III 1909 Mg II 2798		149	009 458 500	759	010		1526vlbi, 010fc,761, 1304sp
1111+137 O		11 11 38.0 13 47 24	11 14 15.07 13 31 3.1	20.0			2.32	H I 1216 C IV 1549		1387	1387				
1111+136 O		11 11 50.7 13 37 54	11 14 27.71 13 21 32.9	20.7			2.49	H I 1216		1387	1387				
1111+137 O		11 11 51.1 13 43 18	11 14 28.14 13 26 56.9	21.4			2.14	H I 1216		1387	1387				
1111+408 R X	3CR 254 4C 40.28 VR40.11.01 NRAO 369 DA 298	11 11 53.28 40 53 41.2	11 14 38.70 40 37 20.1	17.98	.15	–.49	0.734	C III 1909 Mg II 2798 Ne V 3426 O II 3727 NeIII 3869		161	012		128 462 775 787 917 1111 1166 1804 1891 1996 2013		008ubv,877pol, 1107,1980x, 309fc,2066sp
1112+431 C	PG	11 12 19.7 43 6 10.4	11 15 5.94 42 49 49.0	17.89			0.302			1598	1260				1729,2005ir faint gals near,2118
1112+136 O		11 12 46.5 13 38 18	11 15 23.45 13 21 56.1	20.3			2.37	H I 1216		1387	1387				
1113+183 O		11 13 8.4 18 21 18	11 15 46.50 18 4 55.8	18.6			2.20	H I 1216 C IV 1549		1439	1439				5.43 arcmin from NGC 3599, 2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1113+137 O		11 13 8.4 13 43 18	11 15 45.35 13 26 55.8	20.3			1.74	C IV 1549 C III 1909		1387	1387				
1113+140 O		11 13 16.4 14 5 0	11 15 53.43 13 48 37.7	21.4			2.54	H I 1216		1387	1387				
1113+142 O		11 13 29.5 14 14 1	11 16 6.55 13 57 38.5	20.3			2.11	H I 1216 C IV 1549		1387	1387				
1113+142 O		11 13 30.1 14 14 36	11 16 7.15 13 58 13.5	21.5			3.06	H I 1216		1387	1387				
1113+182 O		11 13 41.9 18 12 53	11 16 19.91 17 56 30.3	19.5			1.9	H I 1216		1439	1439				7.63 arcmin from NGC 3605, 2118
1113+142 O		11 13 46.4 14 12 6	11 16 23.42 13 55 43.2	20.3			2.38	C IV 1549 C III 1909		1387	1387				
1114+184 O		11 14 19.2 18 28 38	11 16 57.22 18 12 14.8	20.3			2.20	H I 1216 C IV 1549		1439	1439				8.45 arcmin from NGC 3607, 2.5arcmin from NGC 3608,2118
1114+445 C R	PG	11 14 20.5 44 30 1	11 17 6.80 44 13 37.8	16.05			0.144	O III 4959 O III 5007		1117	1117		2011		1598sp,1729, 2005ir,2112x faint gals near,2118
1114+136 O		11 14 24.3 13 39 48	11 17 1.15 13 23 24.7	20.2			2.10	H I 1216		1387	1387				
1114+183 O		11 14 46.6 18 19 42	11 17 24.54 18 3 18.4	19.7			1.9	H I 1216		1439	1439				10 arcmin from NGC 3605, 9.57 arcmin from NGC 3608,2118
1115+536 R	OM 525	11 15 21.24 53 36 5.8	11 18 11.90 53 19 41.8	18.4			1.235	C IV 1549 He II 1640 C III 1909 Mg II 2798		507	580				1003sp 1795rpol jet
1115+180 O		11 15 33.3 18 2 39	11 18 11.10 17 46 14.8	18.1			1.90	H I 1216 C IV 1549		1439	1439				
1115+080 C	B PG	11 15 41.5 8 2 24	11 18 16.99 7 45 59.6	18.74*	.45		1.718*	C III 1909	1.7353 1.7322 1.7304 1.7283 1.6998	845	845 1598	1566		974 1069	845sp,943, 1398si,893, 1597imag, 1681phot, 1729ir,2170uv grav lens,845, 2295
1115+080	A 2 PG	11 15 41.5 8 2 24	11 18 16.99 7 45 59.6	17.27*	.47		1.722			1597					1681phot, 2112x,2170uv grav lens,1597 2295
1115+080 C	A A 1 PG	11 15 41.5 8 2 24	11 18 16.99 7 45 59.6	16.99*	.49		1.728*	H I 1216 C II 1335 Si IV 1397 O IV 1402 C IV 1549 C III 1909	1.7353 1.7322 1.7304 1.7283 1.6998 0.0000	772	772 1598 1901 2251 2281	1566	2011 2263	845 974 1000 1069 1747 1969 2228 2263	943,1398si, 845,1000sp, 772,1941uv, 893,1597imag, 1681phot, 1980x,2005ir grav lens,845, 2295;1.68 arcmin from anon spiral, 6.15 arcmin from UGC 6312, 1650,2118; faint gals near,2118 Ly alpha abs, 974;

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1115+080 C	C PG	11 15 41.5 8 2 24	11 18 16.99 7 45 59.6	18.26*	.45		1.718*	C IV 1549 C III 1909	1.7353 1.7322 1.7304 1.7283 1.6998	845	845 1598	1566		974 1069	845sp,943, 1398si,893, 1597imag, 1681phot, 2170uv grav lens,845, 2295
1115+407 C X	PG	11 15 46.2 40 42 14	11 18 30.59 40 25 49.7	16.02			0.154	H I 4340 H I 4861		1117	1114 1117				1117Bmag, 2112x 6 arcsec from anon gal,0.154 zgal,2264
1115+140 O		11 15 53.1 14 1 30	11 18 29.93 13 45 5.5	19.7			1.46	C IV 1549 C III 1909		1387	1387				
1116−462 R	PKS	11 16 6.19 −46 17 50.1	11 18 26.93 −46 34 15.0	17.00	.30	−.44	0.713	Mg II 2798 H I 4340		162 310 1898	1251 115		023 2056		1485ubv,310, 311fc, 1526vlbi, 1617ir, 2103pol
1116+603 O	SBS	11 16 19.2 60 21 22	11 19 14.34 60 4 57.2	16.5			2.628*	LYB 1026 OVIbl 1030 O VI 1034 H I 1216 SiIVb 1400 C IV 1549		2190	2189 2240				
1116+128 R	PKS 4C 12.39 DA 299 OM 127 DW	11 16 20.79 12 51 6.3	11 18 57.32 12 34 41.4	18.47*	.14	−.76	2.118*	H I 1216 C IV 1549	1.949	047	164 098	506 756 875 1068 1902	128 462 789 801 816 1792 1937	098 163 164 2228 2263	047ubv, 1320rpol, 1789mm,050fc, 1466,1526vlbi, 2103pol 1902avg ph mag
1116+215 C X R	PG TON 1388	11 16 30.1 21 35 43	11 19 8.66 21 19 18.0	15.17			0.177	H I 4861 O III 5007		168	1117		2011		1362spext, 1222elp, 1598sp,1701, 2061uv,1729, 2005ir,1781, 1980,2112x, 2100FeIIem faint gals near,2118
1117+139 O		11 17 10.8 13 54 24	11 19 47.51 13 37 58.5	19.9			2.06	C IV 1549 C III 1909		1387	1387				7.8arcmin from NGC 3628,2118
1117+136 O		11 17 12.3 13 36 6	11 19 48.94 13 19 40.4	20.7			1.75	C IV 1549 C III 1909		1387	1387				
1117+535 O	SBS	11 17 18 53 30 0	11 20 7.85 53 13 34.4	18			1.921	H I 1216 N V 1240 Si IV 1397 C IV 1549		1285	1285				8.38 arcmin from NGC 3631, 2118
1117+137 O		11 17 35.9 13 47 48	11 20 12.56 13 31 22.1	19.7			2.15	H I 1216		1387	1387				4.63 arcmin from NGC 3628, 2118
1117−248 R	PKS OM 229	11 17 41.6 −24 51 36	11 20 9.81 −25 8 2.1	17.07*	.19	−.61	0.466	Mg II 2798 O II 3727 NeIII 3869 NeIII 3968 H I 4861 O III 4959 O III 5007		011	418	736 745	011 2056		736,1485ubv, 1884,2145imag, 761,1304sp, 1222elp faint gals near,2118
1118+138 O		11 18 5.1 13 52 18	11 20 41.74 13 35 51.8	21.2			2.43	H I 1216		1387	1387				5.68 arcmin from NGC 3628, 2118
1118+143 O		11 18 17.2 14 19 6	11 20 53.92 14 2 39.6	20.8			2.20	H I 1216		1387	1387				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1118+609	SBS	11 18 26.7	11 21 21.27	17.5			1.349	C IV 1549		2190	2240				
O		60 56 48	60 40 21.5					He II 1640							
								C III 1909							
1118+139		11 18 29.1	11 21 5.72	20.5			(1.94)	H I 1216		1387	1387				
O		13 54 54	13 38 27.4					C IV 1549							
1118+128	4C 12.40	11 18 53.43	11 21 29.80	18 *			(0.685)	Mg II 2798		009	009	506	789		506fc
R	MC	12 52 44.5	12 36 17.6										1111		
													1888		
1119+612	SBS	11 19 37.5	11 22 31.68	18.5			1.988	H I 1216		2190	2240				
O		61 12 37	60 56 9.7					N V 1240							
								SiIVb 1400							
								C IV 1549							
								C III 1909							
1119+183	OM 133	11 19 52.26	11 22 29.73	18.03*			1.04	C III 1909		132	009	875			165fc,
R		18 21 54	18 5 26.4					Mg II 2798			458	1068			1526vlbi
												1902			1902avg ph mag
1120+019	UM 425	11 20 46.6	11 23 20.70	16			1.465	C IV 1549		922	1956				2010imag,
O		1 54 16	1 37 47.7					He II 1640			922				2174varnd,
								C III 1909							2251sp
								Mg II 2798							grav lens,1956
1121+612	SBS	11 21 12.3	11 24 5.73	18.5			0.912	C III 1909		2190	2240				
O		61 17 21	61 0 52.5					Mg II 2798							
1121+595	SBS	11 21 45.2	11 24 37.03	19.0			1.024	C III 1909		2190	2240				
O		59 32 58	59 16 29.1					Mg II 2798							
1121+423	PG	11 21 55.7	11 24 39.11	16.02			0.224	H I 4340		1117	1700				1598sp,
C		42 18 15	42 1 46.0					H I 4861			1117				1700imag,1729,
								O III 5007							2005ir,2112x
															faint gals
															near,2118
1122–168	R07.27	11 22 12.3	11 24 42.83	17.7 *			2.95			2277	2277				
		–16 48 41	–17 5 10.4												
1123+594	SBS	11 23 2.6	11 25 53.73	16.5			0.858	C III 1909		2190	2240				
O		59 26 52	59 10 22.3					Mg II 2798							
1123+441	W1	11 23 7.17	11 25 50.88	19.1	.24	–.89	(0.48)			530	689				689ubv
R		44 8 1.2	43 51 31.4												
1123+002	UM 427	11 23 8.5	11 25 42.29	17			1.690	C IV 1549		922	1968				
O		0 17 30	0 1 0.0					C III 1909							
								Mg II 2798							
1123+264	PKS	11 23 14.86	11 25 53.71	17.5			2.341	H I 1216		149	458				1526vlbi
R	B2	26 26 49.9	26 10 20.0					N V 1240							
	PB 2704							C IV 1549							
1123+356	CSO 340	11 23 32.6	11 26 13.62	17			1.285	C III 1909		1883	1992				1992Bmag
C		35 36 36	35 20 5.9					Mg II 2798							amid small
															group gals,
															2118
1123+275	US 2416	11 23 38.5	11 26 17.54	18.3			1.212			1303	1492				
C		27 33 50	27 17 19.8												
1123+434	W1	11 23 49.41	11 26 32.69	18.4	.58	–.28	(2.014)			530	689		1521		689ubv
R		43 26 7.4	43 9 37.1										2162		
1124+571	OM 540/4	11 24 51.3	11 27 40.13	19.0			2.890	H I 1216		581	1288		2162		2.87 arcmin
R		57 6 43	56 50 12.1					Si IV 1397							from NGC 3683,
								O IV 1402							2118
								C IV 1549							
1124+271	US 2450	11 24 57.6	11 27 36.36	17.0			0.378			1303	1492				
C		27 11 24	26 54 53.0												
1125+584	SBS	11 25 30	11 28 19.31	17.5 *			1.394	C IV 1549		1285	1285	1285			
O		58 26 0	58 9 28.7					C III 1909		2190	2240				
1125–130	R07.16	11 25 47.0	11 28 18.52	16.61			0.43			2277	2277				
		–13 2 50	–13 19 21.7												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1126+581	SBS	11 26 37.4	11 29 26.01	19.0			1.160	C III 1909		2190	2240				
O		58 7 19	57 50 47.0					Mg II 2798							
1126+101	PKS	11 26 38.7	11 29 14.10	18 *			1.516*	O IV 1402	1.5169	166	044	560	048	560	
R		10 8 32	9 51 59.8					C IV 1549	1.5095		1901		1586	571	
								C III 1909	1.4383				1818	1635	
									0.002					2263	
1127+078		11 27 0	11 29 35.00				2.661	H I 1216	1.4383		1550				
O		7 48 0	7 31 27.6												
1127–145	PKS	11 27 35.72	11 30 7.11	16.74*	.27	–.70	1.187	C IV 1549		112	101	2054	128		112,1485ubv,
R	DW	–14 32 54.7	–14 49 27.6					He II 1640					837		1202,2103pol,
X	OM 146							C III 1909					1557		761,1304sp,
								Mg II 2798					1792		801,1483rvar,
													2056		847pos,1241x,
													2085		1466,1526vlbi,
															077,109fc,
															1789mm
															1902avg ph mag
															nearby gal,
															0.313zgal,2118
															2262;9.5arcsec
															from anon gal,
															2118
1127+078	H1140+010	11 27 42.52	11 30 17.50				2.668	O VI 1034		2279	2279				
		7 48 52.8	7 32 20.0					H I 1216							
								C IV 1549							
1127+006		11 27 57.66	11 30 31.50	18.2			0.993			2183	2183				2183B(J)mag,
O		0 37 7.7	0 20 34.7												2183neml
1127+074	KP 6	11 27 58.0	11 30 32.91	20.5			(2.0)			457	853				
O		7 29 5	7 12 32.0												
1128+105		11 28 0	11 30 35.40				2.645	H I 1216			1550				
O		10 31 0	10 14 27.0												
1128+574	SBS	11 28 0	11 30 47.60	18.5			2.231+	H I 1216		1285	1285			1285	
O		57 25 0	57 8 27.2					Si IV 1397							
								C IV 1549							
1128+105	H1140+030	11 28 2.88	11 30 38.27				2.639	H I 1216		2279	2279				
		10 31 21.7	10 14 48.7					C IV 1549							
1128–023		11 28 3.62	11 30 36.99	18.3			0.580			2183	2183				2183B(J)mag
O		–2 20 56.4	–2 37 29.5												
1128+072	KP 7	11 28 14.2	11 30 49.07	19.0			2.12			457	853				853rnd
O		7 17 22	7 0 48.9												
1128+315	B2	11 28 30.34	11 31 9.45	16.53			0.289	Mg II 2798		138	009				704,1202pol,
C	PB 2843	31 30 39.9	31 14 6.7					H I 4340		1303	1255				1319ir,
	LB 10236							H I 4861							2137Bmag,
	TON 580							O III 4959							2137varnd
	US 2538							O III 5007							1259,1700imag/
															ext; 0.117,
															0.467,0.583
															arcmin from 3
															anon gals,1650
															7 arcsec from
															anon gal,
															0.2896zgal,28
															arcsec from
															anon gal,35
															arcsec from
															anon gal,
															0.2920zgal,
															2118;
1128+003		11 28 32.77	11 31 6.57	18.0			1.379			2183	2183				2183B(J)mag
O		0 22 12.0	0 5 38.7												
1128+074	KP 8	11 28 43.6	11 31 18.49	19.5			2.31	H I 1216		457	867				853rnd
O		7 29 16	7 12 42.6					C IV 1549							
1128–288	K03.02	11 28 49.6	11 31 18.54	18.36			2.30			2277	2277				
		–28 50 19	–29 6 52.6												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1129–023		11 29 7.84	11 31 41.23	17.4			1.246			2183	2183				2183B(J)mag
O		–2 18 50.1	–2 35 23.8												2183strong
															uvFeIIem
1129+001		11 29 42.81	11 32 16.57	18.3			0.961			2183	2183				2183B(J)mag
O		0 9 42.3	–0 6 51.7												
1129+315	US 2571	11 29 51.2	11 32 30.08	18.2			1.145			1303	1492				
C		31 33 10	31 16 36.1												
1129–024		11 29 56.65	11 32 30.03	17.7			0.333			2183	2183				2183B(J)mag
O		–2 29 46.8	–2 46 20.9												
1130+105	C	11 30 9.4	11 32 44.69	19			1.61			645	645				
O		10 33 44	10 17 9.8												
1130+003		11 30 14.40	11 32 48.19	18.2			1.255			2183	2183				2183B(J)mag
O		0 18 30.7	0 1 56.4												
1130+106	4C 10.33	11 30 24.19	11 32 59.48	17.49*	.11	–.63	0.54	Mg II 2798		124	121	506	462		121,1485ubv,
R	OM 150	10 40 16.8	10 23 42.5					H I 4340			645		789		1188sp,
	MC 2							H I 4861					1111		1320rpol,343,
	A												1888		645fc
1130+005		11 30 29.14	11 33 2.96	18.6			1.173			2183	2183				2183B(J)mag
O		0 32 24.1	0 15 49.7												
1130+107	B	11 30 30.3	11 33 5.59	19.4			2.12			645	645				
O		10 42 53	10 26 18.6												
1130+284	US 2599	11 30 36.6	11 33 14.76	17.52			0.513	Mg II 2798		1303	1255				2137Bmag,
C		28 28 36	28 12 1.6												2137varnd
1130+109	Z	11 30 44.2	11 33 19.52	19.9			1.72			645	645				
O		10 58 24	10 41 49.5												
1130+111	Y	11 30 55	11 33 30.33	16.9			0.51			645	645				
O		11 8 58	10 52 23.4												
1131+112	X	11 31 0.3	11 33 35.64	19			2.15			645	645				
O		11 14 53	10 58 18.4												
1131+358	CSO 352	11 31 3.5	11 33 43.02	17			0.203	H I 4102		1883	1992				FeIIem,Bmag,
C		35 48 12	35 31 37.4					H I 4340							5 arsec from
								H I 4861							faint gal,
								O III 4959							1992,2118
								O III 5007							
								He I 5876							
								H I 6563							
								S II 6717							
1131+118	H1140+032	11 31 4.59	11 33 40.02				2.318	H I 1216		2279	2279				
		11 51 25.3	11 34 50.6					C IV 1549							
1131+012		11 31 11.67	11 33 45.59	18.4			1.939			2183	2183				2183B(J)mag
O		1 14 49.0	0 58 14.2												
1131+113	J	11 31 15	11 33 50.34				2.05			1409	1409				
O		11 19 0	11 2 25.2												
1131–012		11 31 22.15	11 33 55.72	18.4			1.251			2183	2183				2183B(J)mag
O		–1 12 38.5	–1 29 13.4												
1131+115	M	11 31 35	11 34 10.35				2.31			1409	1409				
O		11 30 0	11 13 25.1												
1131+106	B	11 31 35	11 34 10.23				2.16			1409	1409				
O		10 40 0	10 23 25.1												
1131–007		11 31 39.22	11 34 12.86	18.6			2.160			2183	2183				2183B(J)mag
O		–0 43 12.5	–0 59 47.5												
1131+113	K	11 31 50	11 34 25.31				1.97			1409	1409				
O		11 21 0	11 4 24.9												
1131–006		11 31 58.55	11 34 32.20	17.9			0.268			2183	2183				2183B(J)mag
O		–0 39 13.1	–0 55 48.3												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1132+472 C	NGC 3726 BSO 1	11 32 6.0 47 17 0	11 34 48.08 47 0 24.9	18.4			1.13				547				1.67 arcmin from anon gal, 0.0320zgal, 16.45 arcmin from NGC 3726, 2118
1132+303 R	3C 261 4C 30.22 NRAO 378 OM 356 B2 PB 2964 LB 10265	11 32 16.25 30 22 2.3	11 34 54.49 30 5 27.1	18.24	.24	–.56	0.614	Mg II 2798 Ar IV 2854 O II 3727 NeIII 3869		008	102 032 101		462 774 775 1891 2092		008ubv,831sp, 1320rpol,033, 113,139fc
1132–030 O		11 32 31.46 –3 2 15.8	11 35 4.80 –3 18 51.3	17.0			0.237			2183	2183				2183B(J)mag
1132–009 O		11 32 41.28 –0 54 37.1	11 35 14.90 –1 11 12.7	18.0			2.756			2183	2183				2183B(J)mag
1132–002 O		11 32 49.18 –0 13 21.5	11 35 22.89 –0 29 57.1	17.7			0.955			2183	2183				2183B(J)mag
1132–008 O		11 32 54.73 –0 53 47.7	11 35 28.36 –1 10 23.4	18.3			1.354			2183	2183				2183B(J)mag
1133+006 O		11 33 7.33 0 39 11.8	11 35 41.16 0 22 36.0	17.9			0.18			2183	2183				2183B(J)mag
1133+704 BL Lac C X R	MKN 180 S5	11 33 32.40 70 26 4.2	11 36 26.46 70 9 28.4	14.49	.67	–.22				664 1811	535 635		1200 1367 1615 1757		703pol,1250mf, 964,1088,1925, 2107,2112x, 1348uv,211fc, 664sp,1426ubv, 2259imag 0.0458zgal, 146; IRAS source,1806;
1133+004 O		11 33 32.49 0 28 32.8	11 36 6.29 0 11 56.8	18.5			0.11			2183	2183				2183B(J)mag
1133+131 O	H1140+038	11 33 41.50 13 6 15.3	11 36 16.94 12 49 39.3	18.8			2.875	O VI 1034 H I 1216 C IV 1549		1440	1440 2279				
1133+022 O		11 33 57.84 2 14 37.9	11 36 31.87 1 58 1.7	18.4			1.467			2183	2183				2183B(J)mag
1134+301 C	US 2694	11 34 17.2 30 8 8	11 36 55.06 29 51 31.8	18.3			1.858			1303	1492				
1134+018 O		11 34 28.05 1 52 58.9	11 37 2.03 1 36 22.5	18.8			1.643			2183	2183				2183B(J)mag
1134+349 R		11 34 30.46 34 58 32.0	11 37 9.11 34 41 55.7	19.2			0.832			1446	1447				
1134+019 O		11 34 32.86 1 56 24.8	11 37 6.84 1 39 48.4	17.5			0.19			2183	2183				2183B(J)mag
1134+106	H1140+029	11 34 35.18 10 39 26.6	11 37 10.24 10 22 50.2				1.590	C IV 1549		2279	2279				
1134+069	H1140+003	11 34 36.59 6 57 11.7	11 37 11.19 6 40 35.3				2.044	H I 1216 Si IV 1397 C IV 1549		2279	2279				
1134–026 O		11 34 41.81 –2 37 59.6	11 37 15.23 –2 54 36.1	18.6			1.758			2183	2183				2183B(J)mag, 2183neml
1135+025 O		11 35 1.59 2 32 10.0	11 37 35.64 2 15 33.3	18.4			0.996			2183	2183				2183B(J)mag
1135+006 O		11 35 8.08 0 40 28.4	11 37 41.91 0 23 51.7	18.4			0.721			2183	2183				2183B(J)mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1135+007 O	UM 443	11 35 15.9 0 44 13	11 37 49.73 0 27 36.2	17			0.804+	C III 1909		922	2130 LBQS 2183				2130BAL?
1135−029 O		11 35 26.87 −2 55 11.4	11 38 0.27 −3 11 48.3	18.3			2.407			2183	2183				2183B(J)mag
1135+019 O		11 35 49.75 1 56 2.4	11 38 23.72 1 39 25.4	18.7			1.043			2183	2183				2183B(J)mag
1135+018 O		11 35 58.04 1 51 4.5	11 38 32.00 1 34 27.4	18.0			0.380			2183	2183				2183B(J)mag
1136−029 O		11 36 9.32 −2 57 27.2	11 38 42.73 −3 14 4.4	18.5			0.213			2183	2183				2183B(J)mag
1136+595 O	SBS	11 36 15.9 59 30 25	11 39 0.65 59 13 48.0	17.0			0.114	O III 4959 H I 6563		2190	1285 2191				
1136−011 O		11 36 30.76 −1 9 47.5	11 39 4.37 −1 26 24.8	18.5			1.378			2183	2183				2183B(J)mag
1136+000 O		11 36 35.90 0 0 28.9	11 39 9.65 −0 16 8.5	17.7			0.14			2183	2183				2183B(J)mag
1136−135 R	PKS OM 161 MSH 11−18 DW	11 36 38.51 −13 34 5.9	11 39 10.70 −13 50 43.3	16.08	.07	−.66	0.557	Mg II 2798 Ar IV 2854 Ar IV 2869 Ne V 3426 O II 3727 NeIII 3869 H I 4102 H I 4340		112	054		128 775 2056 2092		761,1188,1304, 1420sp,057fc, 736,1485ubv, 1420FeIIem, 1526vlbi, 2103pol
1136+122 O		11 36 44.16 12 14 45.4	11 39 19.29 11 58 8.1	17.6			2.894*	H I 1216 Si IV 1397 O IV 1402 C IV 1549	2.0744 1.7890 0.3168	1440	1440			1550 1551 2115 2228 2263	damped Ly alpha,z= 1.7890,2115
1136+016 O		11 36 45.04 1 41 34.9	11 39 18.98 1 24 57.5	18.6			0.644			2183	2183				2183B(J)mag
1137+008 O		11 37 9.22 0 51 59.1	11 39 43.06 0 35 21.5	18.3			0.874			2183	2183				2183B(J)mag
1137+660 R X	3CR 263 4C 66.13 NRAO 381 DA 305	11 37 9.34 66 4 26.9	11 39 57.07 65 47 49.6	16.32*	.18	−.56	0.652	Mg II 2798 Ar IV 2854 Ar IV 2869 Ne V 2974 O II 3727 NeIII 3968 H I 4102	0.655	008	1467 085 157	212 247 248 252 290 920 1068	128 462 534 775 787 1476 1891 1998 2013	157 2228	007,008ubv, 156,704, 1202pol,1355, 1693,1941uv, 696,912,1107, 1781x,793, 1159,1480, 1526vlbi,776, 1188sp,749pos, 1617ir,245fc, 1469FeIIem, 1688imag, 2180spext superluminal source,1827; faint gals near,2118
1137+659 X	1E	11 37 29.1 65 55 23.5	11 40 16.52 65 38 46.0	19.48			0.397	Mg II 2798 H I 4861		1233	1233				1233x
1137−008 O		11 37 30.66 −0 48 49.8	11 40 4.32 −1 5 27.5	18.0			0.347			2183	2183				2183B(J)mag
1137+011 O		11 37 42.81 1 10 29.7	11 40 16.68 0 53 51.9	18.2			1.138			2183	2183				2183B(J)mag
1137+305 C	US 2778	11 37 46.1 30 33 30	11 40 23.44 30 16 52.3	16.89			1.578	C IV 1549 C III 1909		1303	1255				2137Bmag, 2137varnd
1137−127	R08.06	11 37 53.9 −12 43 48	11 40 26.28 −13 0 26.0	17.2 *			2.29			2277	2277				

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1138-011		11 38 8.63	11 40 42.26	18.1			2.756			2183	2183				2183B(J)mag
O		-1 7 30.2	-1 24 8.2												
1138+002		11 38 9.88	11 40 43.65	18.6			1.760			2183	2183				2183B(J)mag
O		0 15 11.6	-0 1 26.4												
1138-014		11 38 37.98	11 41 11.58	18.5			1.266			2183	2183				2183B(J)mag,
O		-1 26 28.7	-1 43 6.9												2183neml
1138+584	SBS	11 38 38.5	11 41 21.68	18.0			1.699*	Si IV 1397		1285	2189				
O		58 26 30	58 9 52.1					O IV 1402		2190	2240				
								C IV 1549							
								C III 1909							
1138+040	PG	11 38 42.4	11 41 16.56	16.05			1.877*	Si IV 1397	1.5840	1117	1117		2011	1872	1598sp,1729,
C		4 3 38	3 46 59.8					O IV 1402			1872			2228	2005ir,2112x
								C IV 1549						2263	faint gals
															near,2118
1138+000		11 38 43.87	11 41 17.62	17.9			0.500			2183	2183				2183B(J)mag
O		0 3 48.0	-0 12 50.2												
1138+020		11 38 47.81	11 41 21.77	17.6			0.383			2183	2183				2183B(J)mag
O		2 4 42.7	1 48 4.5												
1138+022		11 38 53.15	11 41 27.13	18.6			0.687			2183	2183				2183B(J)mag
O		2 16 12.0	1 59 33.7												
1139+592	SBS	11 39 13.5	11 41 56.72	18.0			0.383	Mg II 2798		1285	2240				
O		59 17 51	59 1 12.8												
1139+011		11 39 24.66	11 41 58.52	18.3			0.462			2183	2183				2183B(J)mag
O		1 6 5.9	0 49 27.4												
1139-027		11 39 32.21	11 42 5.69	18.4			1.132			2183	2183				2183B(J)mag
O		-2 43 45.2	-3 0 23.7												
1139+286	US 2813	11 39 33.0	11 42 9.79	17.59			1.691	C IV 1549		1303	1255				2137Bmag,
C		28 39 36	28 22 57.6					C III 1909							2137varnd
1139+305	US 2816	11 39 35.3	11 42 12.33	17.36			0.479	Mg II 2798		1303	1255				2137Bmag,
C		30 32 52	30 16 13.6												2137varnd
1139-016		11 39 36.26	11 42 9.85	18.5			1.925			2183	2183				2183B(J)mag
O		-1 39 47.1	-1 56 25.6												
1139-006		11 39 37.87	11 42 11.56	18.4			1.913			2183	2183				2183B(J)mag
O		-0 37 5.9	-0 53 44.4												
1139-029		11 39 37.91	11 42 11.37	18.0			1.027			2183	2183				2183B(J)mag
O		-2 57 36.0	-3 14 14.6												
1139+285	US 2828	11 39 49.5	11 42 26.23	17.19			1.607	C IV 1549		1303	1255				2137Bmag,
C		28 33 46	28 17 7.5					C III 1909							2137varnd
1140+022		11 40 3.01	11 42 36.97	16.7			0.12			2183	2183				2183B(J)mag
O		2 12 32.7	1 55 54.0												
1140-009		11 40 14.54	11 42 48.20	18.0			0.223			2183	2183				2183B(J)mag
O		-0 54 18.0	-1 10 56.8												
1140-215	J07.05	11 40 19.6	11 42 51.23	16.9			0.39			2277	2277				
		-21 30 4	-21 46 42.9												
1140+024		11 40 45.65	11 43 19.63	18.2			0.451			2183	2183				2183B(J)mag
O		2 28 25.7	2 11 46.8												
1141-014		11 41 8.32	11 43 41.94	16.3			0.10			2183	2183				2183B(J)mag
O		-1 27 55.7	-1 44 34.8												
1141-006		11 41 13.40	11 43 47.09	18.5			0.520			2183	2183				2183B(J)mag
O		-0 38 9.8	-0 54 48.9												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1141+202 X	QSO 1	11 41 21.8 20 13 31.9	11 43 57.41 19 56 52.9	18.5			0.335	Mg II 2798 Ne V 3345 Ne V 3426 H I 4861 O III 5007 H I 6563		1286	1231				1231fc,1286x 73 arcsec from NGC 3842,1231; 3.32 arcmin from NGC 3837, 7.83 arcmin from NGC 3840, 1.88 arcmin from NGC 3841, 25.95 arcmin from NGC 3862, 1.3arcmin from NGC 3842, 4.83 arcmin from NGC 3844, 3.42 arcmin from NGC 3845, 5.12 arcmin from NGC 3851,2118
1141–023 O		11 41 21.90 –2 22 0.3	11 43 55.44 –2 38 39.5	18.1			1.394			2183	2183				2183B(J)mag
1141+202 R	QSO 3	11 41 29.7 20 12 42	11 44 5.29 19 56 2.9	21			2.205	Si IV 1397 C IV 1549 C III 1909		1298	1298		1298 2162		73 arcsec from NGC 3842,1298; 3.6arcmin from NGC 3837, 9.03 arcmin from NGC 3840, 2.93 arcmin from NGC 3841, 24.7 arcmin from NGC 3862, 1.23 arcmin from NGC 3842, 5.77 arcmin from NGC 3844, 3.63 arcmin from NGC 3845, 3.93 arcmin from NGC 3851,2118
1141+202 X	QSO 2	11 41 30.4 20 14 15.9	11 44 5.99 19 57 36.8	18.5			0.946*	C III 1909 O II 2470 H I 4340	0.947 0.928	1286	1231			1231 2263	1231fc,1286x 59 arcsec from NGC 3842,1231; 4.87 arcmin from NGC 3837, 7.62 arcmin from NGC 3840, 1.8arcmin from NGC 3841,25.37 arcmin from NGC 3862, 1.0 arcmin from NGC 3842, 4.32 arcmin from NGC 3844, 2.07 arcmin from NGC 3845, 2.97 arcmin from NGC 3851, 9.87 arcmin from NGC 3861B,2118
1141+024 O		11 41 33.34 2 27 18.7	11 44 7.30 2 10 39.5	17.7			0.217			2183	2183				2183B(J)mag
1141+015 O		11 41 49.65 1 33 56.0	11 44 23.53 1 17 16.7	18.3			1.756			2183	2183				2183B(J)mag
1142+102 O		11 42 2.08 10 15 50.2	11 44 36.71 9 59 10.9	19.2			3.152*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1440	1440				Ly limit abs, 2247
1142+016 O		11 42 6.41 1 38 23.2	11 44 40.30 1 21 43.8	18.6			2.424+			2183	2183				2183B(J)mag, 2183neml

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1142+275	US 2895	11 42 29.8	11 45 6.00	17.9			1.393			1303	1492				
C		27 30 5	27 13 25.6												
1142+016		11 42 31.92	11 45 5.81	18.3			1.139			2183	2183				2183B(J)mag
O		1 39 20.3	1 22 40.8												
1142+052	PKS	11 42 47.16	11 45 21.33	19.5			1.342*	C IV 1549	1.343	412	1861		1861	1861	
R		5 12 6.2	4 55 26.6					C III 1909	1.307					2263	
								Mg II 2798							
1142–023		11 42 52.62	11 45 26.19	18.4			0.446			2183	2183				2183B(J)mag
O		–2 18 5.8	–2 34 45.4												
1143+099		11 43 0	11 45 34.56				2.611	H I 1216			1550				
O		9 59 0	9 42 20.4												
1143+017		11 43 17.77	11 45 51.66	18.5			2.281			2183	2183				2183B(J)mag
O		1 42 46.4	1 26 6.7												
1143+026		11 43 31.38	11 46 5.34	18.6			0.963			2183	2183				2183B(J)mag
O		2 41 18.5	2 24 38.7												
1143+099	H1140+021	11 43 33.60	11 46 8.13				2.615	O VI 1034		2279	2279				
		9 59 0.1	9 42 20.3					H I 1216							
								Si IV 1397							
								C IV 1549							
1143–245	PKS	11 43 36.4	11 46 8.14	18.5			1.95			011	688		011		1526vlbi,1125,
R	OM 272	–24 30 53	–24 47 33.0										2056		1617ir,213fc,
															865pos
1144+115		11 44 0	11 46 34.63				2.438	H I 1216			1550				
O		11 33 0	11 16 20.1												
1144+005		11 44 13.93	11 46 47.72	18.4			0.941			2183	2183				2183B(J)mag
O		0 30 30.4	0 13 50.4												
1144+015	H1140+035	11 44 24.07	11 46 57.94				2.53	H I 1216		2279	2279				
		1 33 3.2	1 16 23.1					N V 1240							
								C IV 1549							
1144+016		11 44 26.06	11 46 59.93	18.5			2.587			2183	2183				2183B(J)mag
O		1 40 32.3	1 23 52.2												
1144–379	PKS	11 44 30.92	11 47 1.43	16.2 *	.50	–.40	(1.048)	Mg II 2798		702	1984	1800	1441		886ir,702ubv,
R		–37 55 30.6	–38 12 10.9							847		2054	2056		702sp,702rvar,
															1526vlbi,1800,
															2103pol,2112x
															IRAS source,
															1806
1144–012		11 44 44.37	11 47 18.03	18.1			0.382			2183	2183				2183B(J)mag
O		–1 15 27.7	–1 32 7.9												
1145–006		11 45 11.85	11 47 45.56	18.1			1.942			2183	2183				2183B(J)mag
O		–0 39 29.7	–0 56 10.0												
1145+002		11 45 15.89	11 47 49.66	18.4			1.263			2183	2183				2183B(J)mag
O		0 15 30.3	–0 1 10.0												
1145–071	PKS	11 45 18.30	11 47 51.56	17.5			1.342	C IV 1549		011	1304		011		761sp,
R	OM 076	–7 8 0.2	–7 24 40.5					C III 1909					1728		1526vlbi,
	A												1745		1810pos
													2085		binary system,
															4.2 arcsec
															from B,1728
1145+013		11 45 18.82	11 47 52.67	18.6			2.076			2183	2183				2183B(J)mag
O		1 21 10.8	1 4 30.5												
1145–071	B	11 45 21.6	11 47 54.87				1.345	C IV 1549		1745	1728				binary system,
O		–7 8 3.6	–7 24 44.0					C III 1909							1728
1145–008		11 45 21.85	11 47 55.55	18.6			1.253			2183	2183				2183B(J)mag
O		–0 49 9.3	–1 5 49.6												
1145–022		11 45 31.69	11 48 5.29	17.8			(0.566)			2183	2183				2183B(J)mag
O		–2 16 24.4	–2 33 4.8												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1145+321 C	US 2978	11 45 42.7 32 10 50	11 48 18.83 31 54 9.8	17.14			0.549	Mg II 2798		1303	1255				2137Bmag, 2137varnd
1145+013 O		11 45 43.07 1 20 37.9	11 48 16.91 1 3 57.5	18.6			1.620			2183	2183				2183B(J)mag
1145+025 O		11 45 56.20 2 35 10.1	11 48 30.12 2 18 29.7	17.9			1.216			2183	2183				2183B(J)mag
1146+111 O	K	11 46 0 11 11 0	11 48 34.49 10 54 19.6	18.9			2.22			645	645				
1146+111 O	P	11 46 0 11 11 0	11 48 34.49 10 54 19.6	19.5			1.89			645	645				
1146+111 O	J	11 46 0 11 11 0	11 48 34.49 10 54 19.6	18.2			1.67			645	645				
1146+111 O	H	11 46 0 11 11 0	11 48 34.49 10 54 19.6	18.9			1.93			645	645				
1146−023 O		11 46 4.86 −2 18 44.9	11 48 38.47 −2 35 25.4	18.5			1.347			2183	2183				2183B(J)mag
1146+111 O	C	11 46 4.92 11 6 57.1	11 48 39.40 10 50 16.7	18.9			1.01	C III 1909 C II 2326 Ne IV 2439 Mg II 2798		742	742 645				1556,1599sp, 1640imag, 645fc,1738uv grav lens?, 1683
1146+110 O	B E	11 46 7.83 11 3 50.6	11 48 42.30 10 47 10.2	18			1.10	C III 1909 C II 2326 Ne IV 2439 Mg II 2798		742	742 645				1292sp,645fc
1146+110 O	A B	11 46 9.84 11 4 38	11 48 44.31 10 47 57.6	19.5			1.01	C III 1909 C II 2326 Mg II 2798		742	742 645				1556,1599sp, 1640imag, 1738uv,645fc 2.6arcmin from 1146+111C,1599 grav lens?, 1683
1146+111 R	MC 2	11 46 13.33 11 11 38.9	11 48 47.80 10 54 58.4	18.5			0.863	C III 1909 C II 2326 Mg II 2798 O II 3727		343	019 645 742		1111 1888		1202pol,020, 645,742fc
1146+110 O	D	11 46 17.12 11 5 6.9	11 48 51.58 10 48 26.4	18.1			2.12 +	H I 1216 N V 1240 O IV 1402 C IV 1549 C III 1909		742	742 645			1292	1292sp,645fc
1146+562 R	W1	11 46 18.2 56 15 7.3	11 48 57.32 55 58 27.0	19.2			(0.958)			690	689				7.55 arcmin from NGC 3898, 2118
1146−037 R X	PKS	11 46 22.36 −3 47 29.1	11 48 55.88 −4 4 9.7	16.9	.06	−.74	0.341	Mg II 2798 Ne V 3345 Ne V 3426 O II 3727 NeIII 3869 H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		026	410 436		789 1111		736,1451ubv, 704,1202pol, 761,1032,1181, 1304sp,886ir, 940ext, 1320rpol, 1222elp,1181, 2061uv, 1526vlbi,1686, 1781x,1700, 2145imag, 2100FeIIem faint gals near,2118
1146+021 O		11 46 26.44 2 7 57.4	11 49 0.33 1 51 16.8	18.3			2.054			2183	2183				2183B(J)mag
1146−014 O		11 46 40.25 −1 28 14.5	11 49 13.91 −1 44 55.1	16.6			0.461			2183	2183				2183B(J)mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1146–107 O		11 46 40.48 –10 47 11.0	11 49 13.56 –11 3 51.7	19.09			1.382			2185	2185				2185B(J)mag
1146–191	J07.06	11 46 45.2 –19 11 1	11 49 17.74 –19 27 41.8	19.2			2.00			2277	2277				
1147+084 O		11 47 0 8 25 0	11 49 34.26 8 8 19.3				2.627	H I 1216			1550				
1147–108 O		11 47 3.77 –10 50 31.9	11 49 36.87 –11 7 12.7	18.37			(0.703)			2185	2185				2185B(J)mag
1147–111 O		11 47 5.04 –11 10 50.8	11 49 38.12 –11 27 31.6	21.18			2.312			2185	2185				2185B(J)mag
1147+020 O		11 47 10.59 2 2 23.3	11 49 44.46 1 45 42.6	18.4			1.460			2183	2183				2183B(J)mag
1147+074	H1140+000	11 47 17.90 7 29 13.9	11 49 52.09 7 12 33.2				1.787	C IV 1549		2279	2279				
1147–109 O		11 47 28.02 –10 58 9.3	11 50 1.14 –11 14 50.2	20.39			2.013			2185	2185				2185B(J)mag
1147–110 O		11 47 37.13 –11 4 21.4	11 50 10.25 –11 21 2.3	20.22			(0.482)			2185	2185				2185B(J)mag
1147+339 R	UT	11 47 43.7 33 58 25	11 50 19.60 33 41 44.3	18.5			1.49	C IV 1549 C III 1909		1437	1437				
1147+245 BL Lac R X	B2 OM 280 GC	11 47 44 24 34 35	11 50 19.22 24 17 54.3	16.66*	.46	–.57				149		970 2134	837 1086 1367 1557		323,648ubv, 323,642,1541, 1988,2046, 2062pol, 1012ir, 1389phot,009, 044sp,100fc, 1441,2107, 2112x, 1526vlbi IRAS source, 1806; 1902avg Bmag
1147+017 O		11 47 44.46 1 47 16.1	11 50 18.31 1 30 35.2	18.6			1.007			2183	2183				2183B(J)mag
1147–112 O		11 47 46.53 –11 12 9.7	11 50 19.65 –11 28 50.6	20.13			2.455			2185	2185				2185B(J)mag
1147+084	H1140+012	11 47 49.36 8 25 36.7	11 50 23.59 8 8 55.9				2.628	H I 1216 N V 1240 C IV 1549		2279	2279				
1147+004 O		11 47 49.83 0 25 19.7	11 50 23.61 0 8 38.8	18.1			0.13			2183	2183				2183B(J)mag
1148+568 R	W1	11 48 7.63 56 49 36.9	11 50 46.07 56 32 56.2	20.5			1.782			690	689		1818		1818pos
1148–001 R	PKS 4C 00.47 OM 080 DW UM 458	11 48 10.14 –0 7 14.2	11 50 43.89 –0 23 55.2	17.14*	.41	–1.07	1.980*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 C III 1909 C II 2326	1.9861 1.4669 1.2741	112	101 596 922 1872 1901 2183 2251 2281	253 290 1068 1902 2054	128 789 1162 1385 1557 1792 1877	327 1000 1394 1872 1901 2228	112,1485ubv, 847pos,1000, 1032,1181, 1242sp,1617ir, 1526vlbi, 077fc, 1204rvar, 1789mm, 2103pol, 2183neml 1902avg ph mag
1148–109 O		11 48 17.57 –10 57 32.2	11 50 50.74 –11 14 13.2	19.79			2.354			2185	2185				2185B(J)mag
1148–005 O		11 48 18.58 –0 33 36.3	11 50 52.31 –0 50 17.3	17.7			0.800			2183	2183				2183B(J)mag 2183strong uvFeIIem

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1148−171	PKS	11 48 30.45	11 51 3.29	19			1.751	H I 1216		011	501		011		761,1304sp,
R	OM 181	−17 7 19.9	−17 24 1.0					Si IV 1397					2056		412fc,
								O IV 1402							1526vlbi
								C IV 1549							
								C III 1909							
1148+477	4C 47.33	11 48 32.28	11 51 9.28	18.0			0.867	C III 1909		153	1288		507		073,133sp,
R		47 45 36.1	47 28 55.3					Mg II 2798			1989		534		1989fc
													1166		
1148+009		11 48 41.61	11 51 15.41	18.1			1.887			2183	2183				2183B(J)mag
O		0 55 7.6	0 38 26.5												
1148+549	PG	11 48 42.6	11 51 20.47	15.82*			0.978	C III 1909		1117	1117	1427	2011		1598sp,1729,
C	LB 2126	54 54 13	54 37 32.2					Mg II 2798			2281	1967			2005ir,1941uv,
R															2112x
															101 arcmin
															from NGC 3992,
															1650,2118
1148+387	4C 38.31	11 48 53.27	11 51 29.31	17.04	.18	−1.04	1.304*	C IV 1549	0.2130	473	476		800	1869	1384ir,
R	B2	38 42 34.2	38 25 53.3					He II 1640			2281		1111	2263	1865phot,
								C III 1909							2251sp
1148−109		11 48 58.36	11 51 31.56	20.59			2.512			2185	2185				2185B(J)mag
O		−10 59 9.4	−11 15 50.6												
1149−107		11 49 2.38	11 51 35.60	18.93			0.930			2185	2185				2185B(J)mag
O		−10 45 15.0	−11 1 56.2												
1149−109		11 49 37.08	11 52 10.32	19.31			0.991			2185	2185				2185B(J)mag
O		−10 58 45.2	−11 15 26.5												
1149+007		11 49 49.60	11 52 23.39	17.0			0.466			2183	2183				2183B(J)mag
O		0 43 8.3	0 26 27.0												
1149+086	H1140+011	11 49 54.95	11 52 29.10				1.858+	C IV 1549		2279	2279			2279	
		8 38 41.8	8 22 0.6												
1149−111		11 49 55.74	11 52 28.99	20.77			2.182			2185	2185				2185B(J)mag
O		−11 7 40.6	−11 24 21.9												
1150−176	POX 5B	11 50 0	11 52 32.95	17.0			2.207	H I 1216		931	931			2020	2020sp
O		−17 40 0	−17 56 41.4					Si IV 1397							
								C IV 1549							
								C III 1909							
1150+001		11 50 1.26	11 52 35.03	17.5			0.13			2183	2183				2183B(J)mag
O		0 10 57.6	−0 5 43.7												
1150+014		11 50 5.45	11 52 39.27	17.7			1.635			2183	2183				2183B(J)mag
O		1 27 58.8	1 11 17.5												
1150−162	R09.66	11 50 9.4	11 52 42.43	18.7 *			2.50			2277	2277				
		−16 16 4	−16 32 45.4												
1150+006		11 50 12.78	11 52 46.57	17.6			0.780			2183	2183				2183B(J)mag
O		0 41 20.9	0 24 39.6												2183strong
															uvFeIIem
1150−109		11 50 13.02	11 52 46.30	19.54			1.034			2185	2185				2185B(J)mag
O		−10 58 36.8	−11 15 18.2												
1150−186	POX 8	11 50 18	11 52 50.93	19.5			(2.765)			931	931				
O		−18 36 0	−18 52 41.4												
1150+812	S5	11 50 23.70	11 53 12.71	18.5			1.25			937	1667		937		1855mm
R		81 15 10.6	80 58 29.5										1793		superluminal
															source
1150−009		11 50 33.25	11 53 6.97	18.3			1.327			2183	2183				2183B(J)mag
O		−0 54 16.8	−1 10 58.2												
1150+095	PKS	11 50 38.41	11 53 12.56	17.58	.31	−.56	0.698	Mg II 2798		048	009		1111		1485ubv
R	4C 09.39	9 30 44.3	9 14 3.0					O II 3727							
	OM 083														
1150−110		11 50 42.50	11 53 15.80	18.20			1.722			2185	2185				2185B(J)mag
O		−11 1 23.4	−11 18 4.9												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1150+497 C R	LB 2136 4C 49.22 OM 484 LHE 310 BP 141 GB	11 50 47.98 49 47 49.7	11 53 24.45 49 31 8.5	17.50*	.30	-.97	0.334+	Mg II 2798 Mg V 2931 O III 3133 Ne V 3426 O II 3727 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		139	133 018	248 290 759 1068 2054 2174	128 534 775 988 993 1145 1166 1167 1367 2144	133	704,900pol, 749pos,776sp, 945,2144rvar, 1082,1526vlbi, 1259,1700, 1884imag,1617, 2021ir, 1865phot 1795rpol jet; IRAS source, 1806;21 arcsec from anon gal 2118; 1902avg Bmag
1150-108 O		11 50 48.93 -10 48 32.6	11 53 22.25 -11 5 14.1	19.61			0.269			2185	2185				2185B(J)mag
1151-109 O		11 51 3.18 -10 56 59.1	11 53 36.50 -11 13 40.6	20.52			1.981			2185	2185				2185B(J)mag
1151+489		11 51 6.5 48 55 24	11 53 42.79 48 38 42.8	18.0			2.03 +	H I 1216 C IV 1549		1493	1493				1493BAL
1151-004 O	UM 464	11 51 14.1 -0 29 45	11 53 47.84 -0 46 26.5	18			1.54	C IV 1549 C III 1909		922	922				
1151+102 R	MC 2	11 51 14.39 10 12 36.8	11 53 48.54 9 55 55.4	18.4			0.895	C III 1909 Mg II 2798		020	019		1111 1888		343fc
1151+117 C	PG	11 51 15.7 11 45 10	11 53 49.91 11 28 28.6	15.51			0.176	H I 4861 O III 4959 O III 5007		1117	1117				1222elp, 1598sp,1729, 2005ir,2112x anon compan gal,1788; faint gals near,2118
1151-112 O		11 51 23.20 -11 12 37.9	11 53 56.53 -11 29 19.5	20.19			1.507			2185	2185				2185B(J)mag
1151+106	H1140+027	11 51 33.21 10 37 12.7	11 54 7.36 10 20 31.2				(1.863)	C IV 1549		2279	2279				
1151-109 O		11 51 36.35 -10 54 50.7	11 54 9.71 -11 11 32.3	20.40			2.131			2185	2185				2185B(J)mag
1151+068	H1140+002	11 51 36.98 6 51 33.0	11 54 10.99 6 34 51.5				2.763	O VI 1034 H I 1216 Si IV 1397 C IV 1549		2279	2279				
1151+068 O		11 51 37.11 6 51 19.3	11 54 11.12 6 34 37.8	18.8			2.762*	O VI 1034 H I 1216 Si IV 1397 O IV 1402 C IV 1549	2.0894 1.9591 1.8187 1.7737 0.6843	1440	1440			2115 2228 2263	damped Ly alpha,z= 1.7737,2115
1151-107 O		11 51 48.65 -10 44 56.7	11 54 22.03 -11 1 38.3	20.62			1.981			2185	2185				2185B(J)mag
1151-348 R	PKS	11 51 49.42 -34 48 46.3	11 54 21.78 -35 5 28.1	17.84	.64	-.52	0.258	O II 3727 NeIII 3869 H I 4102 H I 4861 O III 4959 O III 5007		095	493		023 2056		761,1304, 2229sp, 1485ubv, 1526vlbi, 511fc,1810pos, 2103pol
1151+105 O	H1140+026	11 51 49.47 10 35 20.3	11 54 23.60 10 18 38.8	19.5			2.944	H I 1216 C IV 1549		1440	1440 2279				
1151-108 O		11 51 57.73 -10 48 39.4	11 54 31.11 -11 5 21.0	18.89			0.609			2185	2185				2185B(J)mag
1152+659 R	4C 65.13	11 52 40.07 65 55 58.6	11 55 17.73 65 39 17.2	17.8			1.199	C IV 1549 C III 1909 Mg II 2798		507	1288		534		

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1152–108 O		11 52 44.17 –10 51 25.2	11 55 17.59 –11 8 6.9	19.26			1.927			2185	2185				2185B(J)mag
1153–108 O		11 53 30.01 –10 51 53.5	11 56 3.48 –11 8 35.3	20.39			1.008			2185	2185				2185B(J)mag
1153–110 O		11 53 33.58 –11 1 25.1	11 56 7.05 –11 18 6.9	20.99			(2.523)			2185	2185				2185B(J)mag
1153–107 O		11 53 38.23 –10 46 45.9	11 56 11.71 –11 3 27.7	19.64			1.615			2185	2185				2185B(J)mag
1153+534 R	W1	11 53 42.84 53 25 26.8	11 56 18.55 53 8 45.3	20.3	.35	–.74	1.75			530	549		1818		689ubv 4.67 arcmin from anon gal, 14.1vgal,2118
1153+317 R	4C 31.38 NRAO 389 OM 389 B2	11 53 44.08 31 44 46.0	11 56 18.74 31 28 4.4	18.96	.37	–.65	1.557	C IV 1549 He II 1640		033	101		128 462 774 1818 1891 2000		059ubv,831sp, 097,113fc
1154–108 O		11 54 8.96 –10 53 2.2	11 56 42.46 –11 9 44.1	18.15			2.071			2185	2185				2185B(J)mag
1154–108 O		11 54 44.78 –10 49 24.7	11 57 18.32 –11 6 6.6	21.14			1.309			2185	2185				2185B(J)mag
1155–181 O	POX 30	11 55 0 –18 11 0	11 57 33.40 –18 27 42.0	18.0			2.251	H I 1216 C IV 1549		931	931				
1155+169 R	UT	11 55 0.9 16 55 41	11 57 34.99 16 38 59.2	17.5			1.05	C III 1909 Mg II 2798		1437	1437				
1155–187 O	POX 33	11 55 36 –18 44 0	11 58 9.45 –19 0 42.0	18.5			1.607	C IV 1549 C III 1909		931	931				
1155–150 O	POX 29	11 55 48 –15 0 0	11 58 21.53 –15 16 42.0	19.0			1.840	H I 1216 C IV 1549		931	931				
1155–109 O		11 55 52.82 –10 59 35.2	11 58 26.42 –11 16 17.2	20.66			(0.397)			2185	2185				2185B(J)mag
1155+115	H133A	11 55 59.26 11 30 19.6	11 58 33.18 11 13 37.7				2.05			2301	2301			2301	2301BAL
1156+089	H2	11 56 1.47 8 56 10.2	11 58 35.36 8 39 28.3				1.99			2301	2301				
1156+631 R	4C 63.15	11 56 3.89 63 11 3.4	11 58 39.16 62 54 21.7	16.8			0.594	Mg II 2798 NeIII 3869		507	509 580		534 1888 1891		1003sp, 1688imag
1156–185 O	POX 35	11 56 6 –18 31 0	11 58 39.51 –18 47 42.1	19.5			2.197	H I 1216 Si IV 1397 C IV 1549		931	931				
1156–110 O		11 56 24.56 –11 5 15.3	11 58 58.19 –11 21 57.3	20.16			1.995			2185	2185				2185B(J)mag
1156–221 R	PKS MC	11 56 37.77 –22 11 55	11 59 11.28 –22 28 37.1	19.5			0.565	Mg II 2798 O II 3727		011	501		011 2056		761,1445sp, 412,1445fc, 1526vlbi
1156+213 R		11 56 52.24 21 23 38.2	11 59 26.21 21 6 56.3	17.5			0.349	Mg II 2798 O III 4959 O III 5007		476	476				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1156+295 C R	4C 29.45 TON 599 CTD 77 OM 295 B2	11 56 57.80 29 31 25.7	11 59 31.85 29 14 43.9	14.41*	.39	−.50	0.729	C III 1909 Mg II 2798		144	018 032	1068 1802	128 462 774 801 1229 1367 1557 1708 1771 1792 1807 1930		704,900,1541, 1730,1809, 1988,2062pol, 1348uv,1141, 1144,1617, 1702ir,1189, 1852phot, 749pos,831sp, 1080,1649mf, 1526,2127vlbi, 033,113fc, 1189ubv, 1789mm,1080, 1081OVV IRAS source, 1806; faint gals near,2118
1157−197	J08.06	11 57 7.4 −19 42 42	11 59 41.00 −19 59 24.1	16.2			0.45			2277	2277				
1157−197		11 57 7.4 −19 42 42	11 59 41.00 −19 59 24.1	16.2			0.45			2277	2277				
1157+014 R X	PKS	11 57 10.99 1 28 49.4	11 59 44.76 1 12 7.4	17.74	.49	−.10	1.986*	C IV 1549 He II 1640 C III 1909 Mg II 2798	1.9740 1.9438 1.9199 1.7201 1.7199	028	410 1901		1213 1527	724 1000 1110 1258 1969 2228 2263	704,1202pol, 1201,1208, 1479,1514BAL, 1320rpol,724, 761,1304, 1479sp, 944absr,1182x, 1258BAL?, 1485ubv z(abs) 1.99– 1.96,724; damped Ly alpha,z= 1.94362,2263
1157+118 R	MC 2	11 57 12.59 11 50 30.7	11 59 46.44 11 33 48.8	19			0.731	Mg II 2798 Ne V 3426 O II 3727		343	019		1111 1888		020fc
1157−215 R	PKS	11 57 17.5 −21 32 10	11 59 51.10 −21 48 52.1	17.8			0.927	Mg II 2798 Ar IV 2854 Ar IV 2869 Ne V 3426		011	418		011 2056		761,1304sp, 494fc, 1526vlbi
1157−110 O		11 57 17.58 −11 5 51.9	11 59 51.26 −11 22 34.0	19.25			0.899			2185	2185				2185B(J)mag
1157−239	M08.02	11 57 28.8 −23 54 30	12 0 2.40 −24 11 12.1	17.67			(2.1)			2277	2277				2277BAL
1157−108 O		11 57 35.95 −10 52 1.6	12 0 9.65 −11 8 43.7	17.93			1.031			2185	2185				2185B(J)mag
1157−108 O		11 57 37.16 −10 52 19.1	12 0 10.86 −11 9 1.2	19.14			1.364			2185	2185				2185B(J)mag
1157+532 R	W2	11 57 37.26 53 17 28.4	12 0 11.45 53 0 46.7	19.7	.29	−.91	1.997			530	689		1818		689ubv
1157+144	H116	11 57 37.40 14 24 55.1	12 0 11.24 14 8 13.2				2.54			2301	2301				
1157−111 O		11 57 50.16 −11 9 18.1	12 0 23.87 −11 26 0.2	19.95			1.170			2185	2185				2185B(J)mag
1158+465 O	PC	11 58 2.9 46 35 29	12 0 36.87 46 18 47.2	20.20			4.733*	H I 1216 N V 1240 O I 1304 Si II 1307 O IV 1402 C IV 1549	4.478	2042	2042			2042	2042rmag Ly alpha forest,2042
1158−109 O		11 58 10.51 −10 54 14.2	12 0 44.24 −11 10 56.3	20.45			1.215			2185	2185				2185B(J)mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1158-187		11 58 11.3	12 0 45.01	17.4	.20		2.453			1799	1799				60 kpc from
O		-18 42 54	-18 59 36.1												NGC 4038,1799
1158-187	POX 42	11 58 12	12 0 45.71	16.93	.29	-.33	2.448+	H I 1216		931	931			931	931,1485ubv,
O		-18 42 0	-18 58 42.1					Si IV 1397							2020sp
								C IV 1549							Ly alpha abs,
															1870; 17.73
															arcmin from
															NGC 4038,2118
1158+122	MC 2	11 58 22.21	12 0 56.00	17.6			2.018*	H I 1216	2.0199		327		1818	327	1818pos
R	H38B	12 14 0.4	11 57 18.5					N V 1240	1.9968		458		1891	2049	
								Si IV 1397	1.9912		1901			2263	
								C IV 1549	1.2736		2049				
								He II 1640	1.2238		2281				
								O III 1663			2301				
								C III 1909							
1158-110		11 58 43.34	12 1 17.10	19.45			1.657			2185	2185				2185B(J)mag
O		-11 1 52.3	-11 18 34.4												
1158+007	PKS	11 58 50.1	12 1 23.86	19.09	.14	-.84	1.370	C IV 1549		026	761		351		436ubv,761,
R		0 44 54	0 28 12.0					C III 1909			436		1527		1304sp,
								Mg II 2798			583				1320rpol,
															028fc
1158+117	H15.71	11 58 57.47	12 1 31.22				2.11			2301	2301				
		11 42 49.7	11 26 7.8												
1158-109		11 58 59.97	12 1 33.75	20.45			2.033			2185	2185				2185B(J)mag
O		-10 54 2.2	-11 10 44.3												
1159-111		11 59 0.46	12 1 34.24	20.32			2.721			2185	2185				2185B(J)mag
O		-11 11 3.7	-11 27 45.8												
1159+115	H15.2	11 59 6.32	12 1 40.06				2.33			2301	2301				
		11 31 29.9	11 14 48.0												
1159+123		11 59 14.23	12 1 47.96	17.5			3.502*	LYB 1026	3.5261	1291	1872			1291	
O		12 23 11.9	12 6 30.0					H I 1216	3.2614		1291			1872	
								N V 1240	3.2256		1622			2228	
								O I 1304						2263	
								O IV 1402							
								C IV 1549							
1159-136	R09.11	11 59 24.9	12 1 58.71	17.2 *			0.50			2277	2277				
		-13 38 4	-13 54 46.1												
1159-036	PKS	11 59 38.4	12 2 12.18	19.41	.40	-1.15	1.102	C IV 1549		026	436		351		436ubv
R		-3 37 50	-3 54 32.0					C III 1909					1527		
1159+126	H13	11 59 43.11	12 2 16.81				2.54			2301	2301				
		12 36 49.9	12 20 8.0												
1159+089	H12	11 59 47.32	12 2 21.04				2.16			2301	2301				30 arcsec from
		8 56 31.3	8 39 49.3												faint gal
1159-109		11 59 49.95	12 2 23.78	19.22			(2.260)			2185	2185				2185B(J)mag
O		-10 56 13.1	-11 12 55.2												
1200-204	POX 50	12 0 0	12 2 33.90	19.5			2.750	LYB 1026		931	931				
O		-20 27 0	-20 43 42.1					H I 1216							
								Si IV 1397							
								C IV 1549							
1200-051	PKS	12 0 0.63	12 2 34.43	18			0.381	Mg II 2798		011	501		011		761,1304sp,
R	ON 001	-5 11 24.1	-5 28 6.1					O II 3727							213fc,
								H I 4102							1526vlbi,
								H I 4340							1884imag
								H I 4861							faint gals
								O III 5007							near,2118
1200-111		12 0 23.13	12 2 56.99	19.88			1.424			2185	2185				2185B(J)mag
O		-11 8 13.2	-11 24 55.3												
1200+107	H60	12 0 33.02	12 3 6.68				2.47			2301	2301				
		10 45 46.1	10 29 4.2												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1201−197	POX 54	12 1 18	12 3 52.04	19.8			(2.475+	H I 1216		931	931			931	
O		−19 44 0	−20 0 42.1					C IV 1549							
1201−107		12 1 28.97	12 4 2.89	20.83			(1.96)			2185	2185				2185B(J)mag
O		−10 47 49.4	−11 4 31.4												
1201−015	UM 473	12 1 46.1	12 4 19.89	18			2.165	H I 1216		922	2199				
O		−1 31 8	−1 47 49.9					O IV 1402			922				
								C IV 1549							
								C III 1909							
1202+121	H30	12 2 3.27	12 4 36.83				2.02			2301	2301				
		12 6 34.0	11 49 52.2												
1202−111		12 2 3.38	12 4 37.34	19.14			1.794			2185	2185				2185B(J)mag
O		−11 9 29.0	−11 26 11.0												
1202+281	GQ COMAE	12 2 8.94	12 4 42.17	15.51*	.19	−.93	0.165	Mg II 2798		223	223	223	2011		223ubv,704,
V	PG	28 10 53.4	27 54 11.7					He 3970			1117	405			1202pol,696,
X								H I 4102				406			912,1183,1487,
R								H I 4340				1967			1678,2112x,
								H I 4861							857,1598sp,
								O III 4959							1013,1018phot,
								O III 5007							1222elp,
															1362ext,
															1649mf,1701,
															1941,2061uv,
															1729,2005ir,
															1863irpol,
															1942,
															2111uvvar,
															2100FeIIem,
															2198irvar
															em line var,
															1763;IRAS
															source,1806;
															1700imag/ext
1202−207	POX 62	12 2 12	12 4 46.15	18.0			2.170	H I 1216		931	931				
O		−20 47 0	−21 3 42.0					C IV 1549							
1202−108		12 2 22.78	12 4 56.75	20.21			2.365			2185	2185				2185B(J)mag
O		−10 49 43.5	−11 6 25.4												
1202+105	H61A	12 2 31.52	12 5 5.08				2.15			2301	2301				
		10 33 39.9	10 16 58.1												
1202−110		12 2 47.92	12 5 21.92	20.11			1.929			2185	2185				2185B(J)mag
O		−11 0 28.2	−11 17 10.1												
1202−110		12 2 57.41	12 5 31.42	19.35			(0.380)			2185	2185				2185B(J)mag
O		−11 0 19.2	−11 17 1.1												
1202−262	PKS	12 2 58.79	12 5 33.17	19.5			0.789+	C III 1909		011	501		011	501	1304sp,
R		−26 17 21.9	−26 34 3.9					Mg II 2798		1898			2056		1526vlbi,
															1789mm
															0.83 arcmin
															from NGC 4087,
															2118
1203−111		12 3 5.29	12 5 39.31	19.56			2.283			2185	2185				2185B(J)mag
O		−11 6 20.5	−11 23 2.4												
1203+011	PKS	12 3 14.78	12 5 48.52	18.2			0.104	O II 3727		026	410		1171		761sp,1207,
R		1 10 26.2	0 53 44.4					H I 4861					1527		1259,1261imag,
								O III 4959							1320rpol,
								O III 5007							028fc
								H I 6563							
1203+109	4C 10.34	12 3 22.62	12 5 56.12	17.32*	.30	−.95	1.088	C III 1909		124	121	506	775		121,1485ubv,
R	ON 106	10 59 35.4	10 42 53.7					Mg II 2798					789		1159vlbi,
	MC 2												1111		343fc
													1591		9.92 arcmin
													2092		from NGC 4082,
															2118
1203−160	POX 61	12 3 42	12 6 16.19	17.8			2.455+	H I 1216		931	931			931	
O		−16 3 0	−16 19 41.9					Si IV 1397							
								C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1203+170		12 3 46.91	12 6 20.23	18.6			1.405+			1765	1765			1765	1765Jmag
O		17 3 21.0	16 46 39.3												
1203+107		12 3 52.06	12 6 25.54	17.9			1.330			1765	1765				1765Jmag
O		10 43 13.9	10 26 32.2												
1203+155		12 3 52.81	12 6 26.16	18.7			1.629+			2183	2183				2183B(J)mag,
O		15 30 17.0	15 13 35.3												2183BAL
1204+399	UT	12 4 4.8	12 6 37.26	18.5			1.33	C IV 1549		1437	1437				
R		39 57 45	39 41 3.5					C III 1909							
1204+110	H28	12 4 20.79	12 6 54.24				2.19			2301	2301				
		11 3 1.3	10 46 19.7												
1204+597	SBS 15	12 4 30	12 7 0.90	17.5			1.369	C IV 1549		1285	1285				
O		59 45 0	59 28 18.6					C III 1909							
1204+096	H49	12 4 39.21	12 7 12.69				2.21			2301	2301				
		9 38 11.9	9 21 30.3												
1204+095		12 4 49.39	12 7 22.86	17.7			1.563			1765	1765				1765Jmag
O		9 35 16.2	9 18 34.6												
1204–110		12 4 52.19	12 7 26.31	19.97						2185	2185				2185B(J)mag
O		-11 2 36.8	-11 19 18.5												
1204+116		12 4 52.88	12 7 26.28	18.1			1.007			1765	1765				1765Jmag
O		11 36 8.8	11 19 27.2												
1204+281	B2	12 4 55.02	12 7 27.82	18.1			2.177	H I 1216		138	152		790		1526vlbi,
R	ON 208	28 11 42.1	27 55 0.6					N V 1240			458		1794		512fc,
	GC							C II 1335							1967phot
								Si IV 1397							
								C IV 1549							
1205–008	PKS	12 5 7.89	12 7 41.69	18.6 *			1.007	Mg II 2798		028	1304	028	351		761,1304sp,
R		-0 49 55.6	-1 6 37.2								410		1527		1526vlbi,
															028rvar
															9.4arcsec from
															anon gal,0.306
															zgal,2118
1205+096	H50	12 5 30.49	12 8 3.92				2.24			2301	2301				
		9 39 22.1	9 22 40.6												
1205+174		12 5 33.11	12 8 6.25	17.0			0.547			1765	1765				1765Jmag
O		17 29 35.2	17 12 53.7												
1205+117	H52.2	12 5 41.09	12 8 14.44				2.06			2301	2301				
		11 46 55.1	11 30 13.6												
1205+093		12 5 47.61	12 8 21.04	18.3			2.077+			1765	1765			1765	1765Jmag
O		9 18 12.1	9 1 30.6												
1205+644	1E	12 5 49.0	12 8 18.48	17.70			0.105	H I 4102		1233	1233				1233xvar
X		64 27 13.0	64 10 31.7					H I 4340							12.7 arcmin
								H I 4861							from 3C 268.3,
															2118
1205–111		12 5 49.31	12 8 23.49	18.61			1.878			2185	2185				2185B(J)mag
O		-11 11 56.8	-11 28 38.4												
1205+100	H41B	12 5 49.68	12 8 23.08				2.09			2301	2301				in cluster of
		10 4 4.2	9 47 22.7												gals
1205+146		12 5 52.13	12 8 25.36	18.5			1.638+			1765	1765				1765Jmag,
O		14 36 1.9	14 19 20.5												1765BAL?
1206+123	H33	12 6 4.21	12 8 37.51				2.58			2301	2301				
		12 21 51.1	12 5 9.7												
1206+133		12 6 13.60	12 8 46.85	18.1			1.300			1765	1765				1765Jmag
O		13 18 2.6	13 1 21.2												
1206+150		12 6 15.35	12 8 48.53	18.2			2.604+			1765	1765			1765	1765Jmag
O		15 0 18.4	14 43 37.0												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1206+072 O		12 6 20.60 7 16 43.1	12 8 54.09 7 0 1.7	18.0			1.014			1765	1765				1765Jmag
1206+459 C	PG	12 6 26.6 45 57 17	12 8 58.05 45 40 35.8	15.79			1.158	C IV 1549 C III 1909 Mg II 2798		1117	1117				1352spvar, 1598,2251sp, 1729,2005ir, 2112x 48.1 arcmin from NGC 4144, 142.1 arcmin from NGC 4258, 1650,2118
1206+174 O		12 6 28.00 17 27 48.2	12 9 1.06 17 11 6.9	18.5			2.355			1765	1765				1765Jmag
1206+115	H101.3	12 6 37.56 11 32 28.7	12 9 10.86 11 15 47.3				2.33			2301	2301				
1206+439 R	3CR 268.4 4C 43.23 NRAO 393 ON 411 DA 317	12 6 42.13 43 56 1.7	12 9 13.67 43 39 20.5	18.42*	.58	−.69	1.396*	C IV 1549 C III 1909	1.3963 1.3767 0.4124	064	005 1749	006 290	128 462 534 775 787 917 1105 1111 1235 1636 1804 1891 1996 2013	1749 2263	003ubv,306, 463fc 2.9arcmin from NGC 4138,2118
1206+119 O	H 51.2	12 6 44.63 11 55 10.6	12 9 17.91 11 38 29.3	17.9			3.106*	O VI 1034 H I 1216 N V 1240		1440	1440 2301				Ly limit abs, 2247
1206+150 O		12 6 44.89 15 5 1.6	12 9 18.03 14 48 20.3	18.7			1.330			1765	1765				1765Jmag
1206−109 O		12 6 47.87 −10 56 41.0	12 9 22.10 −11 13 22.5	18.76			2.319			2185	2185				2185B(J)mag
1206−112 O		12 6 58.37 −11 13 33.3	12 9 32.62 −11 30 14.7	20.25			2.550			2185	2185				2185B(J)mag
1206−399 R X	PKS	12 6 59.59 −39 59 30.6	12 9 35.39 −40 16 12.2	17.01	.36	−.75	0.966	C III 1909 C II 2326 Mg II 2798 Ar IV 2869		103 1898	493		1170 2056		736,1485ubv, 761,1304sp, 912x,1526vlbi, 1617ir
1207−109 O		12 7 1.46 −10 57 50.1	12 9 35.70 −11 14 31.5	19.32			(2.520)			2185	2185				2185B(J)mag
1207+105 O		12 7 3.80 10 32 49.8	12 9 37.12 10 16 8.5	18.1			1.746			2183	2183				2183B(J)mag
1207+398 R	W3	12 7 11.57 39 53 23.0	12 9 43.28 39 36 41.9	19.4	.25	−.12	2.334			530	689		1818		689ubv
1207−107 O		12 7 17.68 −10 43 16.7	12 9 51.92 −10 59 58.1	19.03			2.237			2185	2185				2185B(J)mag
1207+110 O		12 7 25.76 11 0 1.9	12 9 59.04 10 43 20.7	18.6			1.306			1765	1765				1765Jmag
1207+106	H15	12 7 26.07 10 38 27.8	12 9 59.36 10 21 46.6				2.33			2301	2301				
1207+108	H5D	12 7 32.69 10 48 13.1	12 10 5.97 10 31 31.9				2.26			2301	2301				
1207−110 O		12 7 34.11 −11 0 32.4	12 10 8.38 −11 17 13.7	19.34			1.555			2185	2185				2185B(J)mag
1207+399 O		12 7 38.6 39 56 17	12 10 10.20 39 39 36.0	17.5			2.4	H I 1216		1439	1439				9.45 arcmin from NGC 4145A 2118

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1207-110		12 7 44.77	12 10 19.05	19.25			1.592			2185	2185				2185B(J)mag
O		-11 1 16.9	-11 17 58.2												
1207+397	W4	12 7 55.21	12 10 26.76	20.3 *	.47	-.77				530	689	1764	991		689ubv,1048,
BL Lac R	1E	39 45 51.9	39 29 10.9							1416			1416		1416,1764,
X													2083		2107,2112x,
															1481sp,
															1481pol
															0.59zgal,1481;
															4.72 arcmin
															from Seyfert
															NGC 4151,1764;
															4.83 arcmin
															from NGC 4156,
															2118; IRAS
															source,1806;
1207+122		12 7 56.71	12 10 29.90	18.6			1.384			1765	1765				1765Jmag
O		12 12 17.7	11 55 36.6												
1208+322	B2	12 8 5.38	12 10 37.43	16	-.20	-.70	0.388	Mg II 2798		138	009	731	783		322,1451ubv,
R	ON 313	32 13 48.8	31 57 7.8					NeIII 3869					790		704,1202pol
								O III 5007					1790		0.167 and
															0.567 arcmin
															from 2 anon
															gals,1650,2118
1208+178		12 8 5.55	12 10 38.44	18.4			1.386			1765	1765				1765Jmag
O		17 50 10.2	17 33 29.1												
1208+142	H102.1	12 8 5.98	12 10 39.06				2.33			2301	2301				
		14 13 35.0	13 56 53.9												
1208+142		12 8 6.18	12 10 39.26	18.5			2.328			1765	1765				1765Jmag
O		14 13 36.7	13 56 55.6												
1208+164		12 8 17.57	12 10 50.52	18.7			1.351			1765	1765				1765Jmag
O		16 26 47.4	16 10 6.4												
1208-112		12 8 18.08	12 10 52.41	20.70			2.181			2185	2185				2185B(J)mag
O		-11 12 3.9	-11 28 45.1												
1208+101		12 8 23.73	12 10 57.00	17.5			3.803*	O IV 1402	2.9158	1622	1623			1623	2306imag
O		10 11 9.3	9 54 28.2					C IV 1549	2.9137	2291	1622			2059	pos grav lens,
								C III 1909	2.8640					2125	2250; grav
									2.8606					2228	lens or binary
									2.8573					2263	2253;grav lens
															2291,2295,2306
1208+127	H9A	12 8 23.90	12 10 57.04				2.33			2301	2301			2301	
		12 43 40.2	12 26 59.2												
1208+128		12 8 30.82	12 11 3.94	17.2			1.003			1765	1765				1765Jmag
O		12 50 47.3	12 34 6.3												
1208+104	H36A	12 8 38.16	12 11 11.40				2.00			2301	2301				
		10 25 8.5	10 8 27.5												
1208-111		12 8 40.91	12 11 15.26	20.10			1.571			2185	2185				2185B(J)mag
O		-11 10 16.0	-11 26 57.1												
1208-110		12 8 44.55	12 11 18.89	20.68						2185	2185				2185B(J)mag
O		-11 2 50.0	-11 19 31.1												
1208+155		12 8 52.54	12 11 25.49	18.0			1.943+			1765	1765				1765Jmag,
O		15 35 32.3	15 18 51.4												1765BAL
1208+105		12 8 55.1	12 11 28.32	18.47			2.326	H I 1216			1859				20.0B(J)mag,21
O		10 31 33.7	10 14 52.7					N V 1240							
								Si IV 1397							
								O IV 1402							
								N IV 1488							
								C IV 1549							
								He II 1640							
								O III 1663							
								C III 1909							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1208−192 R	MC	12 8 56.99 −19 17 38.6	12 11 31.81 −19 34 19.7	19.9			2.054	H I 1216 N V 1240 C IV 1549 He II 1640 C III 1909		1445	1445				
1209+118	H50	12 9 0.54 11 50 2.6	12 11 33.68 11 33 21.7				1.98			2301	2301				5 arcsec from faint gal
1209+093 O		12 9 1.66 9 19 2.9	12 11 34.94 9 2 22.0	18.5			3.31 *	H I 1216 N V 1240		1784	1622 1784			1784	19.4B(J)mag,21 Ly limit abs, 2247;damped Ly alpha, 2243
1209+107	H3	12 9 7.27 10 46 42.6	12 11 40.47 10 30 1.7				2.19			2301	2301				
1209+107 O	KP 9	12 9 8.4 10 46 58	12 11 41.59 10 30 17.1	17.76	−.05	−.49	2.193*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	1.8434 0.6295 0.3930	457	1000 457 867 1765 2281			1000 1747 1769 2228 2263	853rnd, 1485ubv, 2174varnd, 1949,2080, 2095imag 7 arcsec from gal,0.3922zgal 1769,2262; 1.3arcsec from gal,0.629zgal, 1949;1.3arcsec from anon gal, 7 arcsec from anon gal, 0.3922zgal, 2118
1209+107 O	KP 10	12 9 12.2 10 42 23	12 11 45.40 10 25 42.1	20.5			(1.9)			457	853				853rnd
1209−111 O		12 9 46.88 −11 9 38.6	12 12 21.29 −11 26 19.5	20.96			1.916			2185	2185				2185B(J)mag
1209+129 O		12 9 54.90 12 59 35.2	12 12 27.92 12 42 54.5	18.5			0.418			2183	2183				2183B(J)mag
1209+109 O	KP 11	12 9 56.7 10 58 4	12 12 29.84 10 41 23.2	21.0			(2.1)			457	853				853rnd
1209+154 O		12 9 59.19 15 24 6.3	12 12 32.06 15 7 25.6	18.3			3.062			1765	1765				1765Jmag
1209+121 BL Lac R	MC 2	12 9 59.9 12 7 52.9	12 12 32.97 11 51 12.2	17.8 *	.44	−.27				343 634		634	1086		1337ubv, 877pol,914rnd, 2112x
1210−112 O		12 10 2.11 −11 14 10.5	12 12 36.54 −11 30 51.4	20.12			(2.570)			2185	2185				2185B(J)mag
1210+145 O		12 10 6.94 14 34 10.6	12 12 39.85 14 17 29.9	18.6			0.871			1765	1765				1765Jmag
1210−107 O		12 10 11.93 −10 46 22.3	12 12 46.34 −11 3 3.1	19.02			(1.460)			2185	2185				2185B(J)mag
1210−108 O		12 10 17.74 −10 49 28.8	12 12 52.16 −11 6 9.6	19.16			2.929			2185	2185				2185B(J)mag
1210+197 R	PKS	12 10 23.54 19 42 28.1	12 12 56.10 19 25 47.5	18.5			1.24	C IV 1549 C III 1909		412 475	476				
1210−112 O		12 10 30.13 −11 12 9.0	12 13 4.58 −11 28 49.8	20.16			2.327			2185	2185				2185B(J)mag
1210+175 O		12 10 30.39 17 31 3.8	12 13 3.08 17 14 23.2	17.4			2.537+			1765	1765			1765	1765Jmag
1210+151 O		12 10 35.16 15 7 46.8	12 13 8.00 14 51 6.2	17.3			1.608			1765	1765				1765Jmag
1210+144 O		12 10 36.22 14 25 12.8	12 13 9.10 14 8 32.2	18.0			0.724			1765	1765				1765Jmag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1210+157 O		12 10 36.72 15 44 59.7	12 13 9.52 15 28 19.1	17.9			0.13			2183	2183				2183B(J)mag
1210–107 O		12 10 54.34 –10 47 46.0	12 13 28.79 –11 4 26.7	18.13			(0.703)			2185	2185				2185B(J)mag
1210+134 R	4C 13.46 ON 119 DW PKS	12 10 59.28 13 24 1.3	12 13 32.20 13 7 20.8	18.09	.48	–.83	1.137	C IV 1549 He II 1640 C III 1909 Mg II 2798		124	121 458 1765	506	128 462 789 1111 1891		121ubv, 1526vlbi 5.95 arcmin from NGC 4193, 2118
1211–107 O		12 11 5.63 –10 44 55.6	12 13 40.09 –11 1 36.2	20.25			2.711			2185	2185				2185B(J)mag
1211–133	R10.07	12 11 11.7 –13 22 0	12 13 46.34 –13 38 40.6	16.14			0.43			2277	2277				
1211+088 O		12 11 23.99 8 48 43.0	12 13 57.19 8 32 2.6	17.8			0.817			1765	1765				1765Jmag
1211–190 R	MC	12 11 28.33 –19 5 1.9	12 14 3.39 –19 21 42.5	17.2			0.149	O II 3727 NeIII 3869 H I 3889 NeIII 3968 He 3970 H I 4102 H I 4340 He II 4686 H I 4861 O III 4959 O III 5007 H I 6563		1445	1445				
1211+111 O		12 11 31.77 11 6 15.5	12 14 4.81 10 49 35.1	17.8			1.332			1765	1765				1765Jmag
1211+118 O		12 11 32.05 11 53 50.4	12 14 5.04 11 37 10.0	18.2			1.181			2183	2183				2183B(J)mag
1211+334 R	ON 319 B2 CSO 398	12 11 32.6 33 26 18	12 14 3.91 33 9 37.7	17.89	–.05	–.94	1.598+	H I 1216 C IV 1549 C III 1909		113	009 443		1297 2060	560 1635	704,1202pol, 831sp,1513elp, 1526vlbi, 1865phot
1211+334		12 11 33.3 33 27 6	12 14 4.61 33 10 25.7	20.5			1.818	H I 1216 C IV 1549 He II 1640 O III 1663			633				
1211–109 O		12 11 45.11 –10 54 44.8	12 14 19.62 –11 11 25.3	20.57			1.796			2185	2185				2185B(J)mag
1211–107 O		12 11 51.85 –10 46 17.0	12 14 26.35 –11 2 57.4	20.74			3.002			2185	2185				2185B(J)mag
1211+086 O		12 11 57.40 8 41 48.5	12 14 30.59 8 25 8.2	17.6			0.583			1765	1765				1765Jmag 1765Fe em
1212+147 O		12 12 7.54 14 45 39.4	12 14 40.29 14 28 59.2	17.9			1.638			1765	1765				1765Jmag
1212+139 O		12 12 9.00 13 57 38.6	12 14 41.80 13 40 58.4	18.7			1.386			1765	1765				1765Jmag
1212–109 O		12 12 11.55 –10 56 33.0	12 14 46.08 –11 13 13.3	18.98			1.626			2185	2185				2185B(J)mag
1212–109 O		12 12 15.10 –10 54 35.7	12 14 49.64 –11 11 16.0	19.92			2.340			2185	2185				2185B(J)mag
1212+113 O		12 12 17.12 11 21 1.1	12 14 50.10 11 4 20.9	18.5			1.279			2183	2183				2183B(J)mag
1212+097 O		12 12 18.58 9 45 20.4	12 14 51.67 9 28 40.2	18.3			0.378			1765	1765				1765Jmag
1212+158 O		12 12 19.97 15 51 35.6	12 14 52.62 15 34 55.4	18.2			1.948			1765	1765				1765Jmag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1212+122 O		12 12 21.24 12 17 10.6	12 14 54.15 12 0 30.4	18.6			0.871			2183	2183				2183B(J)mag
1212+085 O		12 12 27.96 8 30 36.8	12 15 1.14 8 13 56.6	18.0			1.651			1765	1765				1765Jmag
1212+107 O		12 12 28.60 10 45 19.0	12 15 1.61 10 28 38.9	17.8			1.951			1765	1765				1765Jmag
1212–198 O	POX 101	12 12 30 –19 48 0	12 15 5.22 –20 4 40.3	19.5			2.139	H I 1216 Si IV 1397 C IV 1549		931	931				
1212+089 O		12 12 34.92 8 54 56.6	12 15 8.06 8 38 16.5	18.2			2.353			1765	1765				1765Jmag
1212+141 O		12 12 36.73 14 11 29.5	12 15 9.48 13 54 49.4	18.1			0.848			1765	1765				1765Jmag
1212–108 O		12 12 59.06 –10 50 33.9	12 15 33.63 –11 7 14.0	19.87			1.590			2185	2185				2185B(J)mag
1212+155 O		12 12 59.97 15 35 38.6	12 15 32.59 15 18 58.6	18.7			1.390			1765	1765				1765Jmag
1213+155 O		12 13 0.0 15 35 39	12 15 32.62 15 18 59.0	18.7			1.391			2274	2274				
1213+538 R	4C 53.24	12 13 1.52 53 52 38	12 15 29.62 53 35 58.2	17.9			1.065	C III 1909 Mg II 2798		507	580		534 1166 1804 1891		110fc,1003sp
1213+102 O	H60	12 13 5.87 10 15 25.7	12 15 38.89 9 58 45.7	18.3			2.517			2183	2183 2301				2183B(J)mag
1213+171 O		12 13 6.19 17 8 2.5	12 15 38.68 16 51 22.6	18.7			0.264			2183	2183				2183B(J)mag
1213+093 O	H41	12 13 6.54 9 22 49.4	12 15 39.62 9 6 9.4	17.2			2.719*	H I 1216 C IV 1549 C III 1909	2.5228 2.2345 2.0935 1.9634	1440 1765 2301	1872 1440 1765			1872 2228 2263	
1213–002 O	UM 485	12 13 15.7 –0 17 52	12 15 49.50 –0 34 32.0	17.0			2.691*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909	1.5534 1.3194	922	1251 922 2251			1747 2228 2263	
1213–110 O		12 13 21.66 –11 3 31.0	12 15 56.27 –11 20 11.0	20.11			2.462			2185	2185				2185B(J)mag
1213+350 R	4C 35.28 GC	12 13 24.82 35 4 55.1	12 15 55.60 34 48 15.3	20.1			0.851			1446	1447		1145 2060		1526vlbi, 1349fc
1213+121 O		12 13 27.96 12 8 48.0	12 16 0.81 11 52 8.1	17.6			1.469			1765	1765				1765Jmag 1765Fe em
1213–201 O	POX 103	12 13 30 –20 7 0	12 16 5.36 –20 23 40.0	19.9			2.717	H I 1216 C IV 1549		931	931				
1213–110 O		12 13 30.34 –11 0 34.0	12 16 4.95 –11 17 14.0	20.91			1.754			2185	2185				2185B(J)mag
1213+142 O	H97	12 13 31.71 14 17 52.9	12 16 4.39 14 1 13.1	18.9			2.562+	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1440	1440 2301				2183pos, 1440BAL? 8.02 arcmin from NGC 4216, 2118
1213+173 O		12 13 32.74 17 22 2.6	12 16 5.17 17 5 22.8	18.0			1.203			1765	1765				1765Jmag
1213+171 O		12 13 43.51 17 9 40.1	12 16 15.94 16 53 0.3	17.7			1.191			1765	1765				1765Jmag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1213+154 O		12 13 50.72 15 27 43.3	12 16 23.28 15 11 3.6	18.5			1.159			2183	2183				2183B(J)mag
1213–107 O		12 13 55.12 –10 47 9.2	12 16 29.74 –11 3 49.1	19.11			0.354			2185	2185				2185B(J)mag
1213–065 O R		12 13 59.95 –6 30 10.3	12 16 34.23 –6 46 50.1	17.72	.20	–.93	1.410*	C IV 1549 He II 1640 C III 1909	0.7888	409	409		1162	2020 2228 2263	704,1202pol, 1485ubv, 2020sp
1214–108 O		12 14 5.01 –10 48 7.9	12 16 39.64 –11 4 47.7	19.60			(2.550)			2185	2185				2185B(J)mag
1214+180 O		12 14 16.80 18 4 43.9	12 16 49.10 17 48 4.3	16.7			0.375			1765	1765				1765Jmag
1214+110	H68	12 14 18.79 11 3 12.7	12 16 51.68 10 46 33.1				2.16			2301	2301				
1214+178 O		12 14 24.62 17 53 53.4	12 16 56.92 17 37 13.8	17.6			(0.64)+			1765	1765				1765BAL?, 1765Jmag redshift based on MgII abs, 1765
1214–112 O		12 14 28.38 –11 15 45.7	12 17 3.07 –11 32 25.4	19.71			1.800			2185	2185				2185B(J)mag
1214+106 R	MC 2	12 14 28.42 10 36 33.3	12 17 1.34 10 19 53.7	18.5			1.886	C IV 1549 He II 1640 O III 1663 C III 1909 Mg II 2798		020	019 2049 2281		1818 1891		343fc,1818pos, 2049noabs 19.0B(J)mag,21
1214–107 O		12 14 37.05 –10 45 9.8	12 17 11.71 –11 1 49.5	20.35			1.535			2185	2185				2185B(J)mag
1214–107 O		12 14 41.42 –10 45 58.3	12 17 16.08 –11 2 37.9	19.70			0.914			2185	2185				2185B(J)mag
1214+084 · O		12 14 43.02 8 26 21.4	12 17 16.11 8 9 41.9	17.3			0.345			1765	1765				1765Jmag
1214+348 R		12 14 44.63 34 52 17.5	12 17 15.16 34 35 38.1	18.7			2.647			1446	1447		2162		
1214+474 R	W2	12 14 46.67 47 28 53.3	12 17 15.37 47 12 14.0	19.2	.25	–1.07	(1.10)			530	689				689ubv
1214+144 O		12 14 56.87 14 29 10.9	12 17 29.43 14 12 31.5	18.7			1.042			1765	1765				1765Jmag
1215+157 O		12 15 0.36 15 45 24.1	12 17 32.80 15 28 44.7	17.98			0.139			1765	1765				1765Jmag
1215+333 R	GC	12 15 1.94 33 22 17.6	12 17 32.60 33 5 38.3	17.5			2.606+	O VI 1034 H I 1216	1.99	216	476		216 2162	476 2168 2208	2251sp
1215–110 O		12 15 2.12 –11 3 38.3	12 17 36.83 –11 20 17.8	20.05			1.498			2185	2185				2185B(J)mag
1215+166 O		12 15 5.68 16 37 33.3	12 17 38.03 16 20 53.9	18.60			0.139			1765	1765				1765Jmag
1215–110 O		12 15 15.69 –11 1 30.4	12 17 50.41 –11 18 9.9	18.98			1.744			2185	2185				2185B(J)mag
1215–111 O		12 15 17.52 –11 11 53.9	12 17 52.25 –11 28 33.4	20.82			2.356			2185	2185				2185B(J)mag
1215+643 R	4C 64.15	12 15 18.06 64 23 47.2	12 17 41.86 64 7 8.1	17.2			1.288	C IV 1549 C III 1909		507	509 538		534 1521 1891		1003sp

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1215+303 BL Lac R X	ON 325 B2	12 15 21.16 30 23 39.8	12 17 52.10 30 7 0.6	15.73*	.46	–.61				663		723 753 756 861 875 970 1068 1142 1791 1902 1967 2054 2134	790 837 1084 1160 1200 1367 1794		323,648ubv, 323,642,662, 1541,1809, 2167pol, 1389phot, 1348uv,829, 1279,2107, 2112x, 1086rvar, 1243mf,749pos, 1526vlbi, 662sp,723fc, 1902OVV, 2259imag IRAS source, 1806 1902avg Bmag
1215–457 R	MC	12 15 27.41 –45 43 50.6	12 18 6.21 –46 0 30.2	20.3			0.529	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4340 O III 4959 O III 5007		1445	1445		2056		
1215–154 O		12 15 32.88 –15 27 48.5	12 18 8.01 –15 44 27.9	18.6			2.743+			1765	1765				1765Jmag, 1765BAL?
1215–110 O		12 15 33.02 –11 2 28.9	12 18 7.75 –11 19 8.3	20.94			(3.205)			2185	2185				2185B(J)mag
1215+127 O	H85	12 15 37.28 12 44 52.6	12 18 9.95 12 28 13.4	18.7			2.079			1765 2301	1765				1765Jmag, 2301BAL
1215+120 O		12 15 42.84 12 2 31.9	12 18 15.56 11 45 52.7	18.4			2.826			1765	1765				1765Jmag
1215+143 O		12 15 50.71 14 20 18.1	12 18 23.21 14 3 39.0	18.2			1.604			2183	2183				2183B(J)mag
1215+113 R	MC 2	12 15 53.31 11 21 44.6	12 18 26.08 11 5 5.5	16.86	.09	–.75	1.403	C IV 1549 He II 1640 C III 1909 Mg II 2798		343 1765	019 1765 2281		1586	560	1202pol,958sp, 958FeIIem, 1485ubv
1215–109 O		12 15 53.53 –10 57 0.0	12 18 28.28 –11 13 39.3	19.88			(0.906)			2185	2185				2185B(J)mag
1216–010 R	PKS	12 16 1.12 –1 3 14.8	12 18 34.99 –1 19 54.0	17.8			0.415			028	1527		1527		1320rpol
1216+152 O		12 16 1.32 15 17 46.0	12 18 33.72 15 1 6.9	18.6			1.830			1765	1765				1765Jmag
1216–107 O		12 16 1.58 –10 47 43.3	12 18 36.32 –11 4 22.5	19.47			(2.119)			2185	2185				2185B(J)mag
1216+125 O		12 16 2.42 12 33 52.3	12 18 35.07 12 17 13.2	18.7			1.592			2183	2183				2183B(J)mag
1216+121	H81	12 16 10.01 12 6 13.8	12 18 42.70 11 49 34.8				2.36			2301	2301				
1216–107 O		12 16 14.04 –10 46 54.2	12 18 48.79 –11 3 33.4	21.08			2.275			2185	2185				2185B(J)mag
1216+179 O		12 16 14.52 17 54 56.4	12 18 46.65 17 38 17.4	18.0			1.809			1765	1765				1765Jmag
1216+105 O		12 16 17.67 10 32 34.1	12 18 50.50 10 15 55.1	17.8			(0.544)	Mg II 2798		1765	1765				1765Jmag
1216–110 O		12 16 23.11 –11 0 16.8	12 18 57.89 –11 16 55.9	20.06			1.551			2185	2185				2185B(J)mag
1216–110 O		12 16 23.83 –11 3 4.2	12 18 58.61 –11 19 43.3	18.79			1.063			2185	2185				2185B(J)mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1216−111 O		12 16 37.20 −11 8 44.9	12 19 12.01 −11 25 23.9	18.79			0.439			2185	2185				2185B(J)mag
1216+487 R	ON 428 S4	12 16 38.51 48 46 33.7	12 19 6.36 48 29 55.0	18.5			1.073	C IV 1549 C III 1909 Mg II 2798		510	1443		534 988 2144		1526vlbi, 1789mm, 2144rvar
1216−110 O		12 16 38.62 −11 4 51.1	12 19 13.42 −11 21 30.1	19.70			1.538			2185	2185				2185B(J)mag
1216−015 C	MKN 1320	12 16 42 −1 33 0	12 19 15.92 −1 49 38.9	15			0.103	O II 3727 H I 4340 H I 4861		1309	1310				1617ir
1216+069 C X R	PG IC 3115	12 16 47.2 6 55 19	12 19 20.34 6 38 40.1	15.68*			0.334	Mg II 2798 H I 4340 O III 4959		1117	1117	1427	2011		1487,1980, 2112x,1207, 1261,1688, 1700imag, 1598sp,1729, 2005ir faint gals near,2118
1216+169 O		12 16 48.25 16 56 8.6	12 19 20.43 16 39 29.8	18.1			2.829			1765	1765				1765Jmag
1216−108 O		12 16 50.85 −10 48 6.8	12 19 25.64 −11 4 45.7	20.95			1.505			2185	2185				2185B(J)mag
1216+097 O	H57	12 16 53.82 9 47 41.9	12 19 26.69 9 31 3.1	18.4			2.312			1765	1765 2301				1765Jmag
1216+695 X		12 16 57.3 69 31 31	12 19 17.03 69 14 52.4	17.0	−.70		0.627			1314	1314				20 arcmin from NGC 4236,1314, 2118
1216+110 O		12 16 58.18 11 3 39.5	12 19 30.92 10 47 0.7	18.5			1.616+			1765	1765				1765Jmag, 1765BAL
1217+151 O	A3 12	12 17 14.3 15 9 37	12 19 46.62 14 52 58.3	19.0			0.564			1290 1765	1627 1765				3.02 arcmin from NGC 4262, 2118
1217+085	H45	12 17 31.75 8 30 40.9	12 20 4.71 8 14 2.3				2.16			2301	2301				
1217+023 R X	PKS ON 029 UM 492	12 17 38.35 2 20 20.9	12 20 11.90 2 3 42.3	15.93*	.02	−.87	0.240+	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 3934 H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007	0.24	079	102 085 157 334 437 492	006 080 247 248 249 252 290 753 760 875 1068 1902	775 789 1161 1170 1171 1340 1527	157 2228	047ubv,156, 704,1202pol, 1320rpol,912, 1781x,1195, 1195xvar,334, 1032,1109, 1181sp,780, 1530ir, 1222elp,1181, 1941,2061uv, 047,050fc, 1526vlbi,1700, 1884imag 1902avg ph mag faint gals near,2118
1217+348 BL Lac R	GV 136	12 17 38.37 34 48 0.2	12 20 8.33 34 31 21.8	17.09	.62	−.52				1558			1559		1560fc,1558, 1865phot, 1558pol, 1558sp,2112x
1217+126 O		12 17 41.62 12 36 58.5	12 20 14.16 12 20 20.0	18.5			1.047			2183	2183				2183B(J)mag
1217−107 O		12 17 49.70 −10 46 17.3	12 20 24.54 −11 2 55.9	21.09			1.401			2185	2185				2185B(J)mag
1217+100 O		12 17 58.93 10 5 31.8	12 20 31.71 9 48 53.4	18.3			0.994			2183	2183				2183B(J)mag
1217−109 O		12 17 59.21 −10 55 22.8	12 20 34.07 −11 12 1.3	19.88			2.092			2185	2185				2185B(J)mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1218–110 O		12 18 0.59 –11 2 10.6	12 20 35.47 –11 18 49.1	20.37			2.192			2185	2185				2185B(J)mag
1218+339 R	3CR 270.1 4C 33.29 NRAO 396 ON 330 B2 DA 320	12 18 3.89 33 59 50.1	12 20 33.88 33 43 11.8	18.61	.19	–.61	1.516*	C IV 1549 C III 1909	1.5004	008	098 1749		128 462 774 775 787 816 870 1531 1804 1891 1996 2013	098 571 1749 2263	008ubv,113, 216fc, 1526vlbi 1795rpol jet 5.05 arcmin from anon gal, 0.0220zgal, 2118
1218+175 R	UT	12 18 7.5 17 34 58	12 20 39.49 17 18 19.7	18.0			0.449	Mg II 2798 H I 4340		1437 1765	1437 1765				
1218–112 O		12 18 21.63 –11 13 47.5	12 20 56.55 –11 30 25.9	21.38			1.994			2185	2185				2185B(J)mag
1218+161 O		12 18 30.41 16 11 25.0	12 21 2.52 15 54 46.8	17.8			0.231			1765	1765				1765Jmag
1218–108 O		12 18 35.40 –10 48 39.9	12 21 10.29 –11 5 18.2	20.29			2.241			2185	2185				2185B(J)mag
1218+753 X	1E	12 18 44.9 75 22 18.1	12 20 56.74 75 5 40.1	18.16			0.645*	Mg II 2798 Ne V 3426	0.642	1233	1233			1233 2228 2263	2 arcmin from gal,17vgal, 1233,1696; 1.57 arcmin from ZWG 1210.9+7520, 2118
1218–024 R	PKS	12 18 49.94 –2 25 11.5	12 21 23.97 –2 41 49.7	20.2			0.665	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4861 O III 4959 O III 5007		026 649	1861				
1218+304 BL Lac R X	RS 4 2A	12 18 51.77 30 27 15.2	12 21 22.11 30 10 37.2	16.45*	.65	–.50				691		668 1902 1967			691ubv,877, 1541pol,927, 965,1056, 1389phot,668, 691,1088,1278, 1481,1542, 1925,1936, 2107,2112x, 928xvar,927ir 0.13zgal,965; 1902avg Bmag
1219+285 BL Lac R X	W COM ON 231 VR28.12.02 B2 GC	12 19 1.13 28 30 36.3	12 21 31.71 28 13 58.4	16.5 *	.61	–.54				663		753 754 755 861 970 1068 1791 1802 1895 1967 2054 2073 2134 2174	837 955 1212 1281 1367 1557 1771 1790 1794 1807 1930		323,648ubv, 323,662, 662pol, 1388rpol,662, 1361sp,965, 1389phot, 1259imag,829, 955,1057,1307, 2112x,1008, 1086rvar,1164, 1576,1649mf, 1028,1789mm, 749pos,1589ir, 1526vlbi, 723fc,1679uv 0.102zgal,1361 IRAS source, 1806; 5.6 arcmin from NGC 4295,2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1219+116 O		12 19 10.3 11 40 52	12 21 42.85 11 24 14.0	18.5			2.178+			1290 1765	1627 1765			1765	8.18 arcmin from NGC 4294, 6.48 arcmin from NGC 4299, 2188
1219–108 O		12 19 11.78 –10 52 23.9	12 21 46.71 –11 9 2.0	19.58			2.467			2185	2185				2185B(J)mag
1219+160 O		12 19 14.10 16 5 52.7	12 21 46.16 15 49 14.8	18.4			1.865+			1765	1765			1765	1765Jmag
1219–111 O		12 19 18.96 –11 10 35.7	12 21 53.93 –11 27 13.7	19.46			(0.310)			2185	2185				2185B(J)mag
1219–110 O		12 19 26.16 –11 0 55.9	12 22 1.12 –11 17 33.9	20.82						2185	2185				2185B(J)mag
1219–112 O		12 19 28.59 –11 12 12.4	12 22 3.57 –11 28 50.4	20.75			1.895			2185	2185				2185B(J)mag
1219–112 O		12 19 31.25 –11 13 35.1	12 22 6.23 –11 30 13.1	19.56			2.194			2185	2185				2185B(J)mag
1219+044 R X	PKS	12 19 48.4 4 29 59	12 22 21.70 4 13 21.2	17.98	–.10	–.88	(0.965)	Mg II 2798		048	1304				761sp, 1336rvar, 1485ubv, 1526vlbi,955x
1219+127 O		12 19 49.33 12 44 56.8	12 22 21.72 12 28 19.1	18.7			1.308+			2183	2183				2183B(J)mag, 2183BAL
1219–107 O		12 19 52.10 –10 44 24.9	12 22 27.05 –11 1 2.7	18.70			0.926			2185	2185				2185B(J)mag
1219+491 O	PC	12 19 52.1 49 8 41	12 22 18.80 48 52 3.5	18.86			2.325	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909 Mg II 2798		1517	1517				
1219+138 O	A3 45	12 19 54.3 13 50 56	12 22 26.56 13 34 18.3	18.4			1.525			1290 1765	1765				ref 1627 incorrect z
1219–108 O		12 19 54.73 –10 50 32.2	12 22 29.69 –11 7 10.0	19.40			1.623			2185	2185				2185B(J)mag
1219–112 O		12 19 56.42 –11 13 28.6	12 22 31.43 –11 30 6.4	18.76			2.105			2185	2185				2185B(J)mag
1220+567 O	SBS 17	12 20 0 56 43 0	12 22 24.41 56 26 22.5	18.5			1.400	C IV 1549 C III 1909		1285	1285				
1220–108 O		12 20 2.30 –10 53 52.0	12 22 37.28 –11 10 29.7	20.67			2.864			2185	2185				2185B(J)mag
1220–110 O		12 20 10.64 –11 1 52.1	12 22 45.64 –11 18 29.8	20.07			2.463			2185	2185				2185B(J)mag
1220–154	R10.29	12 20 36.8 –15 27 20	12 23 12.35 –15 43 57.5	18.7 *			0.44			2277	2277				
1220+101 O		12 20 39.49 10 6 55.7	12 23 12.13 9 50 18.3	17.8			0.277			1765	1765				1765Jmag
1220+373 R	B2	12 20 42.30 37 23 39.2	12 23 11.21 37 7 2.0	18.6			0.489	Ne V 3345 Ne V 3426 O II 3727 NeIII 3869 He II 4686 O III 4959 O III 5007		1380	1379		1271		1384ir
1220+096 O		12 20 45.08 9 39 44.8	12 23 17.77 9 23 7.5	17.6			0.682			1765	1765				1765Jmag 1765Fe em

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1221+177 O		12 21 3.21 17 45 19.8	12 23 34.91 17 28 42.6	18.6			1.349			1765	1765				1765Jmag
1221−107 O		12 21 13.00 −10 46 28.5	12 23 48.03 −11 3 5.7	20.29			2.028			2185	2185				2185B(J)mag
1221+186 R	4C 18.34 ON 135	12 21 14.61 18 37 43.3	12 23 46.19 18 21 6.2	18.74	.18	−.92	1.401	C IV 1549 C III 1909		124	121	506	775 789 1145 1476		121ubv
1221+545 O	SBS 19	12 21 18 54 30 0	12 23 42.63 54 13 23.1	18			2.106+	H I 1216 Si IV 1397 C IV 1549		1285	1285			1285	
1221−109 O		12 21 19.93 −10 55 30.1	12 23 54.98 −11 12 7.3	19.28			1.524			2185	2185				2185B(J)mag
1221+165 O		12 21 20.48 16 34 27.1	12 23 52.31 16 17 50.1	18.6			1.480			1765	1765				1765Jmag
1221+758 R	W1	12 21 21.26 75 53 6.1	12 23 29.33 75 36 29.2	18.8	.26	−.84	1.632			530	689				689ubv 6.23 arcmin from NGC 4386, 2118
1221+145 O		12 21 25.4 14 31 19.8	12 23 57.47 14 14 42.8	20.2			2.297			1290	1627				18.8B(J)mag, 2274
1221−109 O		12 21 32.26 −10 54 4.1	12 24 7.32 −11 10 41.2	20.47			(0.431)			2185	2185				2185B(J)mag
1221+173 O		12 21 32.60 17 18 35.9	12 24 4.32 17 1 58.9	18.3			1.406			1765	1765				1765Jmag
1221+113 R	MC 2	12 21 47.43 11 23 59.7	12 24 19.86 11 7 22.8	18.7			1.762*	C IV 1549 He II 1640 O III 1663 N III 1750 C III 1909 C II 2326 Mg II 2798	1.6144	020	020 2049 2281		1818 1891	2049 2263	343fc,1818, 1891pos, 2183B(J)mag 7.38 arcmin from NGC 4352, 2118
1221−110 O		12 21 52.68 −11 4 13.4	12 24 27.78 −11 20 50.4	18.57			2.495			2185	2185				2185B(J)mag
1222−111 O		12 22 6.35 −11 6 49.1	12 24 41.47 −11 23 26.0	20.49			2.171			2185	2185				2185B(J)mag
1222−108 O		12 22 6.54 −10 53 23.3	12 24 41.63 −11 10 0.2	18.71			(0.748)			2185	2185				2185B(J)mag
1222+131 O		12 22 15.94 13 10 49.1	12 24 48.12 12 54 12.4	18.7			1.059			1765	1765				1765Jmag 2.63 arcmin from NGC 4374, 8.9arcmin from NGC 4387,2118
1222+103 O		12 22 18.00 10 22 22.8	12 24 50.53 10 5 46.1	17.97			0.168			1765	1765				1765Jmag
1222+037 R	PKS 4C 03.23	12 22 19.05 3 47 27.2	12 24 52.38 3 30 50.5	19.02	.44	−1.05	0.957	He II 1640 C III 1909 Mg II 2798		026	436		789 1877		436ubv, 1526vlbi, 1789mm
1222+145 O		12 22 19.8 14 31 45.5	12 24 51.80 14 15 8.9	20.0			1.971			1290	1627				19.1B(J)mag, 2274
1222+094 O		12 22 23.34 9 28 49.4	12 24 55.97 9 12 12.8	18.3			1.470			1765	1765				1765Jmag
1222+216 R	4C 21.35 PKS ON 238	12 22 23.45 21 39 23.7	12 24 54.50 21 22 47.1	17.5	.06	−.69	0.435	Mg II 2798 Ne V 3426 O II 3727 H I 4340 O III 4363 H I 4861		052	101 002 1780		128 462 774 775 1111 1591 1888		059,299ubv, 1159,1526vlbi, 033,213fc, 1700,1884imag superluminal source,2249; faint gals near,2118

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1222+108		12 22 27.75	12 25 0.20	18.7			2.296+			1765	1765			1765	1765Jmag
o		10 53 33.4	10 36 56.8												
1222+166		12 22 31.52	12 25 3.23	17.8			(0.550)	Mg II 2798		1765	1765				1765Jmag
o		16 40 43.6	16 24 7.1												
1222+145		12 22 39.16	12 25 11.14	17.1			1.329			1765	1765				1765Jmag
o		14 33 44.7	14 17 8.2												
1222+101		12 22 39.76	12 25 12.29	18.3			0.400			1765	1765				1765Jmag
o		10 10 55.9	9 54 19.4												
1222+131		12 22 39.8	12 25 11.96	18.5			1.250	Mg II 2798		1290	1290				1290x
o		13 8 29.6	12 51 53.1												near NGC 4374,
X															1290
1222+125		12 22 40.9	12 25 13.13	18.0			0.415	Mg II 2798		1290	1290				
o		12 35 10	12 18 33.5							1765	1765				
1222+023	UM 497	12 22 44.9	12 25 18.39	17			2.022	H I 1216		922	922				
o		2 23 33	2 6 56.5					C III 1909			2251				
								Mg II 2798							
1222−016	UM 498	12 22 46.6	12 25 20.58	18			2.44	H I 1216		922	922				
o		−1 38 8	−1 54 44.5					C IV 1549							
1222+090		12 22 47.44	12 25 20.11	17.8			(0.530)	Mg II 2798		1765	1765				1765Jmag
o		9 1 25.3	8 44 48.9												
1222+102	WDM 6	12 22 50.3	12 25 22.81	18.3						548					547sp,2112x
BL Lac C		10 16 9.6	9 59 33.2												IRAS source,
															1806; pos & B
															(J)mag,2274;
															1.47 arcmin
															from NGC 4380,
															2118
1222+228	KP 13	12 22 52.9	12 25 23.73	19.0			1.87			457	853				853rnd
o		22 48 4	22 31 27.7												
1222+135	RMB 98	12 22 56.5	12 25 28.58	18.0			1.792	H I 1216		1290	1290				25.08 arcmin
o	A3 121	13 34 1	13 17 24.6					Mg II 2798		1765	1765				from NGC 4374,
															2118
1222+228	TON 1530	12 22 56.58	12 25 27.40	15.49			2.048*	H I 1216	2.0555	168	1872		2011	034	156,1202pol,
C	PG	22 51 49	22 35 12.7					N V 1240	1.9805		034			036	831,1000,
X								C II 1335	1.9372		085			169	1117sp,853rnd,
R								Si IV 1397	1.5239		1000			170	1218uv,1487,
								O IV 1402	1.4867		2281			171	2112x,1729,
								N IV 1488	0.6681					1000	1983,2005ir
								C IV 1549						1872	faint gals
								He II 1640						1873	near,2118
								O III 1663						2228	
								N III 1750						2263	
								C III 1909							
1222+146		12 22 57.59	12 25 29.54	18.4			1.547+			1765	1765				1765Jmag,
o		14 37 21.5	14 20 45.2												1765BAL?
1223+109		12 23 8.18	12 25 40.59	18.7			2.321			1765	1765				1765Jmag
o		10 59 17.3	10 42 41.0												
1223+252	TON 616	12 23 9.11	12 25 39.55	16 *	.01	−.72	0.268	Mg II 2798		144	133	258	775		1337ubv,
C	4C 25.40	25 15 11.9	24 58 35.7					O III 3133			018	290	1170		1202pol,696,
X	VR25.12.02							He II 3203			334		1171		912,1980x,
R	ON 239							Ne V 3345							1018phot,
	B2							Ne V 3426							1222elp,334sp
								NeIII 3869							1700,1884,2077
								S II 4071							imag/ext;
								H I 4340							0.57 arcmin
								O III 4363							from anon gal,
								H I 4861							1650,2118;
								O III 4959							
								O III 5007							
1223+116		12 23 14.83	12 25 47.15	18.5			1.036			1765	1765				1765Jmag
o		11 36 6.5	11 19 30.3												1765Fe em

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1223+123 O		12 23 14.9 12 20 50.6	12 25 47.12 12 4 14.4	18.8			2.170*		2.142	1290	1627			1627 2263	19.4B(J)mag,21
1223−157	R10.30	12 23 22.2 −15 43 37	12 25 58.01 −16 0 13.3	16.2 *			1.74			2277	2277				
1223+338 C	NGC 4395 UB 1	12 23 24 33 49 30	12 25 52.99 33 32 54.0	19.2			0.77				542				6.17 arcmin from NGC 4395, 2118
1223+338 C	NGC 4395 U 3	12 23 24 33 49 30	12 25 52.99 33 32 54.0	18.7			(1.677)				540				15.77 arcmin from anon gal, 0.0220zgal, NGC 4395 near, 2118
1223+338 C	NGC 4395 B6	12 23 24 33 49 30	12 25 52.99 33 32 54.0	18.4			1.038				540				5.48 arcmin from anon gal, 0.0220zgal, NGC 4395 near, 2118
1223+338 C	NGC 4395 UB 1	12 23 24 33 49 30	12 25 52.99 33 32 54.0	18.7			1.265				540				2.42 arcmin from anon gal, 0.0220zgal, NGC 4395 near, 2118
1223+164 O		12 23 27.46 16 26 57.2	12 25 59.12 16 10 21.1	18.7			1.930			1765	1765				1765Jmag
1223−108 O		12 23 31.29 −10 51 12.9	12 26 6.46 −11 7 49.1	19.74			1.872			2185	2185				2185B(J)mag
1223−112 O		12 23 31.87 −11 13 41.4	12 26 7.09 −11 30 17.6	19.91			1.828			2185	2185				2185B(J)mag
1223−108 O		12 23 32.16 −10 51 24.4	12 26 7.33 −11 8 0.6	19.26			0.383			2185	2185				2185B(J)mag
1223+178 O		12 23 35.78 17 53 25.2	12 26 7.23 17 36 49.2	18.1			2.918+			1765	1765			1765	1765Jmag
1223+124 O		12 23 42.77 12 26 2.1	12 26 14.95 12 9 26.1	18.5			0.872+			1765	1765			1765	1765Jmag
1223+110 O		12 23 43.88 11 5 26.9	12 26 16.24 10 48 50.9	18.2			0.829			1765	1765				1765Jmag
1223−111 O		12 23 50.65 −11 9 17.1	12 26 25.88 −11 25 53.2	20.16			(3.380)			2185	2185				2185B(J)mag
1223+227 O	KP 14	12 23 56.2 22 45 0	12 26 26.91 22 28 24.2	21.0			1.93			457	853				853rnd
1223+173 O		12 23 58.58 17 23 18.2	12 26 30.07 17 6 42.4	18.1			2.420			1765	1765				1765Jmag
1224−110 O		12 24 0.76 −11 1 43.4	12 26 35.98 −11 18 19.4	19.87			2.565			2185	2185				2185B(J)mag
1224+138 O		12 24 3.61 13 49 27.7	12 26 35.58 13 32 51.9	18.2			1.830+			1765	1765				1765Jmag
1224−111 O		12 24 35.17 −11 7 6.4	12 27 10.43 −11 23 42.1	20.12			(2.290)			2185	2185				2185B(J)mag
1224−109 O		12 24 35.41 −10 56 47.4	12 27 10.65 −11 13 23.1	19.97			(2.142)			2185	2185				2185B(J)mag
1224−109 O		12 24 36.79 −10 54 36.4	12 27 12.03 −11 11 12.1	19.54			1.424			2185	2185				2185B(J)mag
1224+160 O		12 24 37.81 16 4 50.4	12 27 9.43 15 48 14.9	18.7			0.532			1765	1765				1765Jmag
1224+127 O		12 24 41.2 12 44 40.1	12 27 13.28 12 28 4.6	18.6			2.167+			1290 1765	1627 1765			1765	

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1224+095 X	1E	12 24 44.0 9 30 45.8	12 27 16.52 9 14 10.3	18.73	.70	−.32	0.731	Mg II 2798 Ne V 3426		771	771				771ubv,1026, 1207,1261imag 19.3B(J)mag,21
1224−112 O		12 24 47.36 −11 13 51.8	12 27 22.65 −11 30 27.4	19.95			(0.600)			2185	2185				2185B(J)mag
1224−112 O		12 24 49.58 −11 16 59.3	12 27 24.88 −11 33 34.9	15.37			1.979			2185	2185				2185B(J)mag
1224+156 O		12 24 52.55 15 38 17.6	12 27 24.21 15 21 42.2	18.0			1.761			1765	1765				1765Jmag
1224+143 O		12 24 55.6 14 18 27.8	12 27 27.44 14 1 52.4	20.5			2.290	H I 1216 N V 1240		1290	1290				
1224−110 O		12 24 55.78 −11 4 15.7	12 27 31.06 −11 20 51.2	20.37			(1.883)			2185	2185				2185B(J)mag
1224+290 C	CSO 139	12 24 58.1 29 5 18	12 27 27.65 28 48 42.7	17			2.25	H I 1216 C IV 1549 C III 1909		1371	1992				1992Bmag
1225−108 O		12 25 3.00 −10 48 14.9	12 27 38.25 −11 4 50.4	20.59			2.242			2185	2185				2185B(J)mag
1225+150 O		12 25 24.82 15 2 53.4	12 27 56.52 14 46 18.3	17.7			0.854			1765	1765				1765Jmag
1225−017 O	UM 502	12 25 25.2 −1 46 28	12 27 59.23 −2 3 3.2	18			2.88	O VI 1034 H I 1216		922	922				
1225+206 BL Lac R X	4C 20.29 PKS ON 241 DW	12 25 40.5 20 40 23	12 28 11.33 20 23 48.0	18 *	.23	−.72				033		033	800 1086		829,2112x, 032sp
1225+086 O		12 25 46.25 8 36 50.8	12 28 18.84 8 20 15.8	17.7			1.470			1765	1765				1765Jmag
1225+152 O		12 25 50.53 15 12 29.4	12 28 22.17 14 55 54.5	18.0			2.007			1765	1765				1765Jmag
1225−137	R10.25	12 25 51.4 −13 47 21	12 28 27.12 −14 3 56.1	19.2 *			2.26			2277	2277				
1225+317 R X	B2	12 25 55.94 31 45 12.6	12 28 24.84 31 28 37.8	15.87	.28	−.68	2.219*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909	2.1199 2.1103 1.8974 1.8867 1.7956 1.6307 1.6250 1.3586	138 659	326	731	790 1170 1340 1794 1818	326 562 695 817 1000 1217 1621 1656 1969 2228 2263	322,1451ubv, 704,1202pol, 950,1319, 1617ir,696, 912,1980x,582, 584,726,727, 1000sp, 1108absr,918, 1941uv, 1018phot Ly alpha abs, 562
1225+113 O		12 25 57.07 11 20 28.9	12 28 29.27 11 3 54.0	17.63			0.168			1765	1765				1765Jmag
1225+161 O		12 25 57.47 16 10 57.7	12 28 28.96 15 54 22.8	18.7			2.232			1765	1765				1765Jmag
1225−112 O		12 25 59.30 −11 12 12.5	12 28 34.66 −11 28 47.5	19.97			(1.649)			2185	2185				2185B(J)mag
1226+152 O		12 26 0.99 15 14 57.3	12 28 32.61 14 58 22.5	18.2			1.408			1765	1765				1765Jmag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1226+105	MC 2	12 26 4.61	12 28 36.91	18.5			2.305*	H I 1216	2.1981	1765	019		1818	589	1108absr
R		10 35 16.4	10 18 41.6					O I 1304	0.9376		589		1891	2049	1795rpol jet
								Si IV 1397	0.4627		1765			2228	
								O IV 1402	0.4308		2049			2263	
								C IV 1549			2281				
								He II 1640							
								N III 1750							
								C III 1909							
								C II 2326							
1226+154		12 26 16.43	12 28 48.00	18.2			1.122			2183	2183				2183B(J)mag
O		15 26 53.2	15 10 18.5												
1226+167		12 26 24.27	12 28 55.64	18.3			1.285			1765	1765				1765Jmag
O		16 44 29.4	16 27 54.8												
1226+112		12 26 25.87	12 28 58.05	18.2			1.980			1765	1765				1765Jmag
O		11 15 29.8	10 58 55.2												
1226+130		12 26 26.1	12 28 58.02	20.2			2.502	H I 1216		1290	1290				pos & B(J)mag,
O		13 2 2.5	12 45 27.9					N V 1240							2274; 39.7
															arcmin from
															3C 274,2118
1226-111		12 26 26.16	12 29 1.53	19.30			2.455			2185	2185				2185B(J)mag
O		-11 6 43.2	-11 23 18.0												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z	VAR	R	ABS	NOTES
1226+023	3C 273	12 26 33.24	12 29 6.70	13.02*	.21	−.85	0.158	Mg II 2798	0.0000	069	172	007	128	2228	063,127,1451,
R	4C 02.32	2 19 43.2	2 3 8.6					He 3970			069	066	462		1660,1958ubv,
X	NRAO 400							H I 4102			173	127	775		004,071,156,
	ON 044							H I 4340			175	174	789		240,241,313,
	PKS							H I 4861			315	212	794		318,704,877,
	MSH 12+08							O III 5007			316	248	801		1202,1730,
	DA 324							H I 6563			334	250	816		2050,2103,
	PG										416	258	837		2136pol,841,
	2A											259	896		1018,1403,
	4U											260	898		1529phot,1320,
												261	934		1388rpol,271,
												262	961		696,873,912,
												263	993		1107,1215,
												264	1128		1306,1306,
												265	1145		1487,1610,
												266	1167		1735,1781,
												267	1212		2003,2065,
												268	1229		2084,2112x,
												269	1338		780,799,804,
												270	1340		810,886,930,
												271	1544		1075,1237,
												274	1557		1319,1319,
												275	1604		1471,1530,
												276	1697		1589,1608,
												277	1771		1617,1729,
												278	1804		2005,2021,
												290	1807		2097ir,175,
												484	1877		316,334,576,
												753	1930		594,761,776,
												861	2009		958,1117,1136,
												875	2011		1236,1812,
												920	2070		2229sp,876,
												997			940,1156,1211,
												1068			1223,1684,
												1132			1776,1787,
												1142			1894ext,1214,
												1401			1329elp,749,
												1657			943pos,1027,
												1834			1028,1091,
												1902			1789mm,798,
												1933			926,1155,
												1944			1195xvar,1071,
												2054			1373,1526,
												2271			1919,1921,
															2135,2158,
															2165vlbi,887,
															1330,1721,
															1938rvar,802,
															851,881,
															1701uv,1649,
															1732,2132mf,
															069,174,295,
															341,1748fc,
															1449,1525,
															1700imag,
															1362spext,
															1600,
															1893uvvar,
															1805mmvar,
															1645irvar,
															1816euv,
															2002emlvar,
															2197poljet
															958,1325,2100
															strong FeIIem;
															2037pol/phot;
															IRAS source,
															1644,1748,
															1806,1860;
															79.5 arcmin
															from NGC 4420,
															1650; 1.25
															arcmin from
															anon gal,0.158
															zgal,2118;
															superluminal
															source 1827,
															1845;Ly alpha
															forest,2225,
															2246;
															1902avg Bmag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1226–110 O		12 26 36.95 -11 5 55.7	12 29 12.33 -11 22 30.4	19.96			1.900			2185	2185				2185B(J)mag
1226+166 O		12 26 38.17 16 39 13.3	12 29 9.53 16 22 38.8	18.6			2.248			1765	1765				1765Jmag
1226+126 O		12 26 54.6 12 39 39.7	12 29 26.55 12 23 5.3	19.6			2.279			1290	1627				pos & B(J)mag, 2274; 9.42 arcmin from NGC 4476, 20.22 arcmin from 3C 274, 2118
1226+136 X	1E	12 26 54.6 13 36 54	12 29 26.40 13 20 19.6	17.19	.73	–.49	0.150	H I 4340 H I 4861 O III 4959 O III 5007		771	771				771ubv,1910sp, 939ext,1026, 1207,1261imag 8.92 arcmin from NGC 4458, 8.22 arcmin from NGC 4473, 2118
1227+024 X	1E	12 27 0 2 24 0	12 29 33.44 2 7 25.6				0.50				696				696x,1617ir
1227+140 X	1E	12 27 2.3 14 3 3.9	12 29 34.03 13 46 29.6	17.40	.70	–.39	0.100	H I 4340 He II 4686 H I 4861 O III 4959 O III 5007 He I 5876		771	771				771ubv,939ext, 1026,1207, 1261imag, 1910sp, 2183pos 21cm em,1662
1227+455 O	HS	12 27 3.2 45 30 16	12 29 28.64 45 13 41.8	16.3			0.194	Ne V 3426 O II 3727 NeIII 3869 H I 3889 H I 4102 H I 4340 O III 4363		2022	2022				
1227+151 O	A3 281	12 27 4.4 15 7 34.3	12 29 35.96 14 51 0.0	19.2			0.261			1290	1627				18.5B(J)mag,21
1227+120 O		12 27 9.4 12 5 53.8	12 29 41.42 11 49 19.6	19.2			2.458	H I 1216 N V 1240		1290	1290				pos & B(J)mag, 2274
1227+122 O		12 27 23.1 12 15 43	12 29 55.08 11 59 8.9	18.5			2.178			1290 1765	1627 1765				27.7 arcmin from 3C 274, 2118
1227+120 O		12 27 34.4 12 5 1.5	12 30 6.39 11 48 27.5	19.2			(0.80)			1290	1627				
1227+024 O		12 27 35.3 2 28 47	12 30 8.72 2 12 12.9	20.2			2.0	H I 1216		1439	1439				
1227–108 O		12 27 35.96 -10 51 55.8	12 30 11.36 -11 8 29.9	18.13			1.960			2185	2185				2185B(J)mag
1227–110 O		12 27 39.60 -11 5 47.7	12 30 15.04 -11 22 21.8	18.14			1.581			2185	2185				2185B(J)mag
1227+074 O	KP 15	12 27 50.0 7 26 45	12 30 22.68 7 10 11.1	20.5			(3.00)	O VI 1034 H I 1216		457	867				853rnd
1228+078 O	KP 16	12 28 1.62 7 49 39.2	12 30 34.24 7 33 5.4	17.47	–.06	–.99	1.816*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	1.8094 1.6332	457 2254	1000 457 867 2281			1000 1747 2228 2263	853rnd, 1485ubv, 2251sp 13.7 arcmin from KP 17, 1059
1228+100 O		12 28 3.55 10 1 52.1	12 30 35.83 9 45 18.3	18.0			0.636			1765	1765				1765Jmag
1228–310 R	PKS	12 28 6.00 -31 4 49.7	12 30 44.95 -31 21 23.6	20.4			2.276	H I 1216 C IV 1549 C III 1909		1861	1861		1861		

	OTHER NAMES	RA (1950)	RA (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES					NOTES
		DEC (1950)	DEC (2000)							ID	Z	VAR	R	ABS	
1228+167	1E	12 28 6.9	12 30 38.13	17.5	.35		0.839	Mg II 2798		1269	1269				1269ubv
X		16 42 19	16 25 45.3							1765	1765				
1228–108		12 28 16.13	12 30 51.56	19.58			2.392			2185	2185				2185B(J)mag
O		–10 48 40.3	–11 5 14.1												
1228–015		12 28 17.04	12 30 51.05	18.1			0.706			2183	2183				2183B(J)mag
O		–1 30 30.6	–1 47 4.3												
1228+112	RMB 207	12 28 22.0	12 30 54.07	18.0			0.235			1290	1290				
O		11 16 44	11 0 10.4							1765	1765				
1228+181		12 28 26.03	12 30 56.99	18.3			2.643			1765	1765				1765Jmag
O		18 8 12.2	17 51 38.7												
1228+076	KP 17	12 28 35.3	12 31 7.92	17.5			1.878	H I 1216		457	1059				853rnd,1059sp
O		7 41 12	7 24 38.5					C IV 1549			457				
								C III 1909			867				
1228–020		12 28 39.8	12 31 13.89	18.98		–.76	0.274			1203	1203				1203ubv,
C		–2 0 30.7	–2 17 4.2												19.2B(J)mag
1228+123	1E	12 28 41.2	12 31 13.09	17.10	.93	–.57	0.116			771	771				771ubv,1910sp
X		12 19 40	12 3 6.6												21.17 arcmin
															from 3C 274,
															2118
1228+122		12 28 44.53	12 31 16.42	17.3			1.400+			1765	1765				1765Jmag,
O		12 16 57.6	12 0 24.2												1765BAL?
1228+077	KP 18	12 28 47.9	12 31 20.51	17.59	–.01	–.07	2.391*	O VI 1034	2.1367	496	1059		853	1059	1059sp,457fc,
O		7 42 31	7 25 57.6					H I 1216	2.0192		457			1747	1485ubv
R								N V 1240	1.8971		496			2228	204 arcsec
								C IV 1549	1.3003		867			2263	from KP 17,
									0.0712						1059
1228+176		12 28 50.14	12 31 21.15	18.7			0.403			1765	1765				1765Jmag
O		17 38 22.5	17 21 49.2												
1228+141		12 28 55.86	12 31 27.43	18.7			0.511			1765	1765				1765Jmag
O		14 11 21.5	13 54 48.3												
1228+160		12 28 57.77	12 31 29.03	17.6			0.512			1765	1765				1765Jmag
O		16 2 43.5	15 46 10.3												
1229+085		12 29 1.37	12 31 33.83	18.6			0.766			2183	2183				2183B(J)mag
O		8 34 31.0	8 17 57.8												
1229+115		12 29 6.7	12 31 38.68	18.5			1.027	Mg II 2798		1290	1290				
O		11 33 49	11 17 15.8							1765	1765				
1229+116		12 29 12.4	12 31 44.37	19.7			1.80	H I 1216		1290	1439				
O		11 37 48.5	11 21 15.4					C IV 1549		1439					
1229+405	B3	12 29 14.2	12 31 40.43	19.0			0.649	Mg II 2798		1990	2270				
R		40 34 5	40 17 32.0												
1229+142		12 29 15.3	12 31 46.84	19.0			2.862+	H I 1216		1290	1290			1765	
O		14 14 2	13 57 28.9					N V 1240		1765	1765				
1229+149		12 29 16.7	12 31 48.13	19.2			2.320			1290	1627				
O		14 54 16.3	14 37 43.3												
1229+645	1E	12 29 18	12 31 33.34	16.89			0.17			1696	1696		2083		1.38 arcmin
BL Lac X		64 30 0	64 13 27.1												from NGC 4510,
R															0.009zgal,14.2
															vgal,1696,2118
1229+155		12 29 19.07	12 31 50.39	18.7			2.270			1765	1765				1765Jmag
O		15 31 20.8	15 14 47.8												
1229+117		12 29 22.3	12 31 54.23	18.8			(2.23)			1290	1627				pos & B(J)mag,
O		11 45 51.9	11 29 18.9												2274; 9.77
															arcmin from
															NGC 4497,2118
1229–108		12 29 25.80	12 32 1.31	20.15			1.904			2185	2185				2185B(J)mag
O		–10 52 41.9	–11 9 15.0												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1229–021	PKS	12 29 25.89	12 32 0.01	16.72*	.48	–.66	1.045*	C III 1909	0.395	112	571	006	128	054	112,736ubv,
R	4C 02.55	–2 7 32.5	–2 24 5.5					O II 2470			054	249	775	439	156,1202pol,
X	ON 049							Mg II 2798			436	290	789	560	1320rpol,551,
								Ne V 3345			1365	756	1111	571	761,1304,
								Ne V 3426			2183	760	1877	1365	1365sp,556,
												875		2228	1108absr,
												1068		2244	1005x,077fc,
												1142		2263	1526vlbi
												1902			1902avg ph mag
															2183strong
															uvFeIIem
1229+597	SBS 20	12 29 30	12 31 48.57	18			1.592	C IV 1549		1285	1285				
O		59 45 0	59 28 27.2					C III 1909							
1229+011		12 29 36.07	12 32 9.68	18.0			0.477			2183	2183				2183B(J)mag
O		1 6 47.6	0 50 14.7												
1229+078	KP 20	12 29 37.7	12 32 10.25	20.0			1.51	C IV 1549		457	867				853rnd
O		7 50 17	7 33 44.1					C III 1909							
1229+128		12 29 45.73	12 32 17.46	17.8			1.230			1765	1765				1765Jmag
O		12 50 32.4	12 33 59.6												
1229+077	KP 21	12 29 49.5	12 32 22.05	19.5			2.75	O VI 1034		457	867				853rnd
O		7 47 7	7 30 34.2					H I 1216							
1230+144		12 30 5.70	12 32 37.14	18.5			0.422			1765	1765				1765Jmag
O		14 27 29.3	14 10 56.7												
1230–110		12 30 6.17	12 32 41.75	20.65			1.399			2185	2185				2185B(J)mag
O		–11 5 56.8	–11 22 29.5												
1230+107		12 30 7.27	12 32 39.33	18.2			2.430			1765	1765				1765Jmag
O		10 42 36.4	10 26 3.8												
1230+120		12 30 11.0	12 32 42.84	19.1			1.90	H I 1216		1290	1439				
O		12 3 0.8	11 46 28.3					C IV 1549		1439	1627				
1230–107		12 30 15.67	12 32 51.20	20.95			1.540			2185	2185				2185B(J)mag
O		–10 45 20.3	–11 1 52.9												
1230+145		12 30 17.28	12 32 48.70	17.6			0.332			1765	1765				1765Jmag
O		14 30 59.5	14 14 27.0												
1230–111		12 30 19.60	12 32 55.20	20.38			2.614			2185	2185				2185B(J)mag
O		–11 7 4.3	–11 23 36.9												
1230+133		12 30 22.88	12 32 54.49	18.5			2.290			1765	1765				1765Jmag
O		13 18 40.1	13 2 7.7												
1230–107		12 30 23.65	12 32 59.18	19.21			1.934			2185	2185				2185B(J)mag
O		–10 43 25.5	–10 59 58.0												
1230–237	M10.08	12 30 27.6	12 33 5.46	16.73			1.80			2277	2277				
		–23 47 2	–24 3 34.5												
1230–002		12 30 30.20	12 33 4.03	17.0			0.470			2183	2183				2183B(J)mag
O		–0 15 3.0	–0 31 35.4												
1230+164		12 30 39.06	12 33 10.11	18.7			0.918			2183	2183				2183B(J)mag
O		16 27 58.7	16 11 26.5												
1230+164		12 30 39.42	12 33 10.47	17.8			2.700+			1765	1765			1765	1765Jmag
O		16 27 26.0	16 10 53.8												
1230+170		12 30 39.77	12 33 10.71	18.4			1.419+			2183	2183				2183B(J)mag,
O		17 5 38.0	16 49 5.8												2183BAL
1230+146		12 30 40.7	12 33 12.06	18.1			0.313			1290	1627				
O		14 40 27	14 23 54.8							1765	1765				
1230+108		12 30 45.76	12 33 17.76	17.5			1.370			1765	1765				1765Jmag
O		10 52 10.4	10 35 38.2												
1230+179		12 30 52.71	12 33 23.48	18.7			1.177			1765	1765				1765Jmag
O		17 56 38.8	17 40 6.7												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1230+097 O		12 30 53.64 9 47 54.6	12 33 25.82 9 31 22.5	16.2			0.420			1765	1765				1765Jmag
1230+137 O		12 30 55.77 13 45 57.1	12 33 27.27 13 29 25.0	18.2			0.840			1765	1765				1765Jmag
1230+096 O		12 30 57.53 9 41 49.3	12 33 29.72 9 25 17.2	18.4			1.840			1765	1765				1765Jmag
1231+480 R		12 31 0 48 0 0	12 33 23.43 47 43 28.1	17			0.379				2060		2060		ref for z is Wills et al. in prep,per 2060
1231+082 O		12 31 0.54 8 16 47.6	12 33 32.97 8 0 15.6	18.2			1.500			1765	1765				1765Jmag
1231+349 R		12 31 1.04 34 56 14.6	12 33 28.30 34 39 42.7	19.3			0.847			1446	1447				
1231+312 O	TON 83 CSO 150	12 31 13.62 31 17 33.7	12 33 41.69 31 1 1.9	16.2			0.29	Mg II 2798 H I 4102 H I 4861		1371	1369				1478fc
1231+174 O		12 31 18.12 17 28 28.5	12 33 48.93 17 11 56.7	18.6			0.621	Mg II 2798		1765	1765				1765Jmag
1231+153 O		12 31 23.20 15 18 36.2	12 33 54.40 15 2 4.4	18.7			1.745			1765	1765				1765Jmag
1231+164 O		12 31 25.50 16 27 25.1	12 33 56.49 16 10 53.4	18.8			0.999			2183	2183				2183B(J)mag
1231+294 C	CSO 151 TON 621	12 31 26.9 29 24 24	12 33 55.35 29 7 52.3	16			2.011+	Si IV 1397 O IV 1402 C III 1909		1371	1992			1992	1992Bmag
1231–021 O		12 31 30.62 –2 9 56.9	12 34 4.77 –2 26 28.7	18.3			1.443			2183	2183				2183B(J)mag
1231–109 O		12 31 30.77 –10 58 26.7	12 34 6.41 –11 14 58.5	19.41			2.319			2185	2185				2185B(J)mag
1231+082 O		12 31 57.08 8 13 37.7	12 34 29.48 7 57 6.2	18.0			1.190			1765	1765				1765Jmag
1231+120 O		12 31 58.86 12 3 41.7	12 34 30.59 11 47 10.3	18.5			1.210			1765	1765				1765Jmag
1232–109 O		12 32 3.54 –10 59 51.5	12 34 39.21 –11 16 23.0	20.69			2.263			2185	2185				2185B(J)mag
1232+082 O		12 32 5.17 8 15 12.1	12 34 37.56 7 58 40.7	18.4			2.570+			1765	1765			1765	1765Jmag
1232–108 O		12 32 9.68 –10 51 1.8	12 34 45.33 –11 7 33.2	21.66			2.246			2185	2185				2185B(J)mag
1232+116 O		12 32 24.71 11 39 47.4	12 34 56.48 11 23 16.3	18.4			2.870			1765	1765				1765Jmag
1232+134 O		12 32 26.8 13 25 26.4	12 34 58.26 13 8 55.3	19.5			2.364*	H I 1216 N V 1240 Si IV 1397 C IV 1549 C III 1909 Mg II 2798	2.246	1290	1290			1290 2228	1290BAL
1232–112 O		12 32 26.86 –11 13 57.6	12 35 2.60 –11 30 28.8	20.88			(2.400)			2185	2185				2185B(J)mag
1232–002 C		12 32 32.1 –0 13 52.3	12 35 5.93 –0 30 23.4	18.86		–1.19	1.890	H I 1216 N V 1240 Si IV 1397 C IV 1549		1203	1203				1203ubv
1232–008 O		12 32 36.64 –0 51 15.4	12 35 10.58 –1 7 46.5	18.4			2.783			2183	2183				2183B(J)mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1232+145 O		12 32 37.62 14 33 47.6	12 35 8.86 14 17 16.6	18.6			0.920			1765	1765				1765Jmag
1232-004 C	QNY1:13	12 32 56.1 -0 25 11.0	12 35 29.96 -0 41 41.9	19.13		-.71	1.579	C IV 1549 C III 1909		1878	1878 2058				1878Bmag
1232+125 C	WDM 8 RMB 109	12 32 56.2 12 30 10.4	12 35 27.79 12 13 39.6	17.21	.28	-.68	0.723	H I 4861		548 1290	1290 547				689ubv 0.73 arcmin from NGC 4550, 1650;3.63 arcmin from NGC 4551,2118 17.7B(J)mag,21
1232-249 R	PKS B1 MSH 12-27	12 32 59.4 -24 55 46	12 35 37.83 -25 12 17.0	17.36*	.18	-.59	0.355	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 NeIII 3968 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		177	382 501	056 290 745	775 2056		056,1485ubv, 1320rpol, 940ext,761, 1304sp,112, 300fc, 2145imag
1233-109 O		12 33 1.61 -10 57 39.7	12 35 37.33 -11 14 10.6	20.55			(1.884)			2185	2185				2185B(J)mag
1233-109 O		12 33 3.39 -10 59 3.4	12 35 39.12 -11 15 34.2	19.36			1.485			2185	2185				2183B(J)mag
1233-305	K06.08	12 33 6.1 -30 34 16	12 35 45.81 -30 50 46.9	18.7			3.1			2277	2277				
1233-108 O		12 33 13.68 -10 50 27.1	12 35 49.39 -11 6 57.8	18.94			1.902			2185	2185				2185B(J)mag
1233-008 C	QNY1:02	12 33 13.7 -0 52 35.4	12 35 47.64 -1 9 6.1	20.20		-1.50	1.471	C IV 1549 C III 1909		1878	1878 2058				1878Bmag
1233+260 O		12 33 18.3 26 1 18	12 35 47.20 25 44 47.5	20.5			2.04	H I 1216		1387	1387				7.72 arcmin from NGC 4562 and NGC 4565A, 2118
1233-009 C	QNY1:06	12 33 19.7 -0 55 18.7	12 35 53.65 -1 11 49.3	19.52		-1.19	1.470	C IV 1549 C III 1909		1878	1878 2058				1878Bmag
1233+262 O		12 33 21.3 26 17 12	12 35 50.14 26 0 41.5	21.0			2.09	H I 1216		1387	1387				9.78 arcmin from NGC 4562 and NGC 4565A, 6.85 arcmin from NGC 4565, 2118
1233-107 O		12 33 21.45 -10 47 15.3	12 35 57.16 -11 3 45.9	21.19			(2.12)			2185	2185				2185B(J)mag
1233-006 C	QNY1:09	12 33 28.6 -0 36 4.5	12 36 2.50 -0 52 35.0	20.87		-1.26	(1.097)	C III 1909		1878	1878 2058				1878Bmag
1233+264 O		12 33 28.7 26 29 54	12 35 57.47 26 13 23.6	19.1			2.40	H I 1216 C IV 1549		1439	1439				4.33 arcmin from NGC 4565B 5.43 arcmin from NGC 4565C 2118
1233+006 O		12 33 29.17 0 40 12.8	12 36 2.84 0 23 42.3	18.4			1.573			2183	2183				2183B(J)mag
1233+108 R	MC 2	12 33 32.7 10 51 19.7	12 36 4.55 10 34 49.3	18.8			0.665	Mg II 2798 O II 3727 NeIII 3869 NeIII 3968 H I 4861 O III 4959 O III 5007		343	019		1111 1888		1111fc, 2183pos

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1233+268 O		12 33 33.0 26 51 36	12 36 1.68 26 35 5.7	20.2			1.99	C IV 1549 C III 1909		1387	1387				6.2arcmin from NGC 4555,2118
1233-007 C	QNY1:08	12 33 34.9 -0 42 56.6	12 36 8.82 -0 59 27.0	19.86		-.67	0.417	Mg II 2798		1878	2058				1878Bmag
1233-005 C	QNY1:07	12 33 35.1 -0 34 44.7	12 36 8.99 -0 51 15.1	20.58		-.63	(0.308)	Mg II 2798 O II 3727		1878	1878				1878Bmag, 2058neml
1233-108 O		12 33 38.98 -10 51 17.5	12 36 14.72 -11 7 48.0	19.64			2.760			2185	2185				2185B(J)mag
1233+154 O		12 33 39.43 15 24 14.2	12 36 10.43 15 7 43.9	18.2			1.541			1765	1765				1765Jmag
1233-141	R11.12	12 33 42.4 -14 10 36	12 36 18.76 -14 27 6.4	17.7 *			0.8			2277	2277				
1233+266 O		12 33 42.8 26 39 30	12 36 11.50 26 22 59.8	21.6			2.10	C IV 1549 C III 1909		1387	1387				9.7arcmin from NGC 4565C,2118
1233-006 C	QNY1:29	12 33 54.1 -0 37 27	12 36 28.00 -0 53 57.2	21.32		-.88	(0.179)	O II 3727		1878	1878				1878Bmag
1233-006 C	QNY1:36	12 33 57.9 -0 36 30.6	12 36 31.80 -0 53 0.8	20.91		-.94	1.784	Si IV 1397 C IV 1549 C III 1909		1878	1878 2058				1878Bmag
1233+268 O		12 33 58.5 26 48 24	12 36 27.13 26 31 53.9	19.8			1.82	C IV 1549 C III 1909		1387	1387				30 arcsec from anon gal,1387, 2118
1234-003 C	QNY1:32	12 34 2.8 -0 20 54.5	12 36 36.65 -0 37 24.6	21.06		-.69	0.445	O II 3727		1878	1878 2058				1878Bmag, 2058neml
1234+268 O R		12 34 2.8 26 51 48	12 36 31.41 26 35 18.0	21.6			2.10	H I 1216		1387	1387		1794		
1234-022 O		12 34 5.67 -2 12 6.7	12 36 39.86 -2 28 36.8	18.0			0.305			2183	2183				2183B(J)mag, 2183neml
1234+144 O		12 34 6.19 14 29 47.1	12 36 37.33 14 13 17.1	18.4			1.596			2183	2183				2183B(J)mag
1234-005 C	QNY1:30	12 34 7.6 -0 33 25.6	12 36 41.49 -0 49 55.7	19.55		-1.17	1.792	C IV 1549 C III 1909		1878	1878 2058				1878Bmag
1234-006 C	QNY1:26	12 34 12.1 -0 36 40.6	12 36 46.00 -0 53 10.6	21.26		-.18	(0.135)	O II 3727		1878	1878 2058				1878Bmag, 2058neml
1234-021 O		12 34 14.28 -2 9 36.1	12 36 48.46 -2 26 6.1	17.7			1.606			2183	2183				2183B(J)mag
1234-006 C	QNY1:25	12 34 16.0 -0 40 39.2	12 36 49.91 -0 57 9.2	20.88		-1.43	1.437	C IV 1549 C III 1909		1878	1878 2058				1878Bmag
1234-007 C	QNY1:17	12 34 16.0 -0 42 56.0	12 36 49.92 -0 59 26.0	19.04		-1.04	1.545	C IV 1549 N III 1750 C III 1909		1878	1878 2058				1878Bmag 18.7B(J)mag,21
1234+266 O		12 34 22.4 26 41 42	12 36 51.00 26 25 12.2	20.5			2.09	C IV 1549 C III 1909		1387	1387				
1234-004 C	QNY1:31	12 34 23.1 -0 24 38.2	12 36 56.97 -0 41 8.1	20.00		-1.52	1.686	Si IV 1397 C IV 1549 C III 1909		1878	1878 2058				1878Bmag
1234+001 C	QNY2:25	12 34 23.4 0 10 10.8	12 36 57.16 -0 6 19.1	20.62		-1.68	1.870	C IV 1549 C III 1909		1878	2058				1878Bmag
1234-107 O		12 34 26.71 -10 46 58.6	12 37 2.48 -11 3 28.5	20.85			2.316			2185	2185				2185B(J)mag
1234-003 C	QNY1:33	12 34 28.2 -0 21 27	12 37 2.06 -0 37 56.8	20.10		-.54	0.753	Mg II 2798		2058	2058				2058Bmag, 2058ubv
1234+005 C	QNY2:10	12 34 28.9 0 31 5.9	12 37 2.60 0 14 36.1	20.27		-1.04	1.581	C IV 1549 C III 1909		1878	2058				1878Bmag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1234+122		12 34 29.99	12 37 1.52	18.4			0.664	Mg II 2798		1765	1765				1765Jmag
O		12 17 24.6	12 0 54.8												
1234+002	QNY2:22	12 34 30.6	12 37 4.35	20.09		–.70	2.038	H I 1216		1878	1878				1878Bmag
C		0 13 7.6	–0 3 22.2					C IV 1549			2058				
								C III 1909							
1234+003	QNY2:21	12 34 34.9	12 37 8.63	19.20		–1.09	2.003	H I 1216		1878	1878				1878Bmag
C		0 19 57.7	0 3 27.9					N V 1240			2058				
								Si IV 1397							
								C IV 1549							
1234+262		12 34 36.1	12 37 4.77	20.4			1.55	C IV 1549		1387	1387				
O		26 13 6	25 56 36.4					C III 1909							
1234+335	UT	12 34 37.0	12 37 3.91	18.5			1.28	C IV 1549		1437	1437				
R		33 30 53	33 14 23.4					C III 1909							
								Mg II 2798							
1234+016		12 34 38.9	12 37 12.39	19.03		–.91	0.627+	C II 2326		1203	1203			1203	1203ubv
C		1 39 29.8	1 23 0.1					Mg II 2798							
								O III 3133							
1234+004	QNY2:15	12 34 39.2	12 37 12.91	20.44		–1.19	2.003	H I 1216		1878	1878				1878Bmag
C		0 28 27.7	0 11 58.0					N V 1240			2058				
								C IV 1549							
1234+001	QNY2:37	12 34 39.4	12 37 13.17	20.25		–.53	0.943	C III 1909		1878	1878				1878Bmag
C		0 6 50.4	–0 9 39.3					Mg II 2798			2058				
1234+016		12 34 39.8	12 37 13.29	19.43		–.57	0.722	Mg II 2798		1203	1203				1203ubv
C		1 39 30	1 23 0.3					O III 3133							15arcsec from
															12 34 38.9,
															+01 39 31,1203
1234+265		12 34 45.8	12 37 14.37	21.6			2.20	H I 1216		1387	1387				
O		26 35 30	26 19 0.5												
1234+013	QNY3:55	12 34 51.01	12 37 24.55	18.10		–.38	2.026*	C IV 1549	1.334	2058	2058			2058	2058Bmag,
C		1 22 43.7	1 6 14.1						1.302	2183	2183			2263	2058ubv
1234–004	QNY1:28	12 34 54.1	12 37 27.98	20.78		–1.65	2.193	H I 1216		1878	1878				1878Bmag
C		–0 27 44.7	–0 44 14.3					Si IV 1397			2058				
								C IV 1549							
1234+099		12 34 54.13	12 37 26.08	17.9			0.202			2183	2183				2183B(J)mag
O		9 56 14.7	9 39 45.2												
1234+167		12 34 54.28	12 37 24.91	18.7			1.549			1765	1765				1765Jmag
O		16 47 22.8	16 30 53.3												
1234+152		12 34 56.6	12 37 27.53	19.0			0.394	Mg II 2798		1290	1290				
O		15 13 47	14 57 17.5							1765	1765				
1234+010	QNY3:34	12 34 57.4	12 37 31.01	20.10		–.81	1.802	C IV 1549		2058	2058				2058Bmag,
C		1 0 58	0 44 28.5					C III 1909							2058ubv
1234–006	QNY1:24	12 34 59.5	12 37 33.40	20.87		–1.20	0.788	Mg II 2798		1878	1878				1878Bmag
C		–0 36 19.7	–0 52 49.2								2058				
1235+135		12 35 2.33	12 37 33.58	17.69			0.150			1765	1765				1765Jmag
O		13 35 36.3	13 19 6.9												
1235+009	QNY3:27	12 35 3.0	12 37 36.62	19.63		–.87	0.980	C III 1909		2058	2058				2058Bmag,
C		0 55 4	0 38 34.6												2058ubv
1235+005	QNY2:09	12 35 4.5	12 37 38.19	20.98		–1.07	(0.822)	Mg II 2798		1878	1878				1878Bmag
C		0 31 55.6	0 15 26.2								2058				
1235+148		12 35 5.5	12 37 36.49	19.0			2.680+	H I 1216		1290	1290				1765BAL
O		14 53 11	14 36 41.6					N V 1240		1765	1765				
1235+262		12 35 6.4	12 37 35.00	21.6			2.30	C IV 1549		1387	1387				
O		26 13 0	25 56 30.7					C III 1909							
1235+005	QNY2:14	12 35 7.7	12 37 41.39	21.13		–1.19	1.873	C IV 1549		1878	1878				1878Bmag
C		0 33 56.1	0 17 26.7					C III 1909			2058				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1235+000	QNY2:39	12 35 9.9	12 37 43.69	20.45		-2.10	0.169	O II 3727		1878	1878				1878Bmag,
C		0 1 15.7	-0 15 13.7					H I 4861							2058neml
1235+013	QNY3:56	12 35 10.8	12 37 44.34	18.84		-1.00	0.646	Mg II 2798		2058	2058				2058Bmag,
C		1 21 2	1 4 32.6												2058ubv
1235+012	QNY3:53	12 35 12.2	12 37 45.76	21.03		-1.03	0.922	Mg II 2798		2058	2058				2058Bmag,
C		1 16 43	1 0 13.7												2058ubv
1235-108		12 35 12.83	12 37 48.65	20.30			(2.048)			2185	2185				2185B(J)mag
O		-10 50 18.9	-11 6 48.3												
1235+113		12 35 12.91	12 37 44.57	18.1			0.940			1765	1765				1765Jmag
O		11 23 27.4	11 6 58.1												
1235-003		12 35 15.74	12 37 49.59	18.3			0.944			2183	2183				2183B(J)mag
O		-0 19 15.5	-0 35 44.8												
1235+181		12 35 15.98	12 37 46.31	18.7			2.405			1765	1765				1765Jmag
O		18 7 24.6	17 50 55.4												
1235+096		12 35 16.53	12 37 48.52	17.56			0.122			1765	1765				1765Jmag
O		9 39 51.4	9 23 22.2												
1235-182	MC	12 35 17.12	12 37 54.41	19.6			2.192+	H I 1216		1445	1445			1445	
R		-18 13 58.2	-18 30 27.6					C IV 1549							
1235+005	QNY2:16	12 35 20.2	12 37 53.89	20.97		-1.80	0.866	Mg II 2798		1878	1878				1878Bmag
C		0 33 6.0	0 16 36.8								2058				
1235+004	QNY2:12	12 35 22.6	12 37 56.31	21.33		-1.03	(1.188)	C III 1909		1878	1878				1878Bmag
C		0 25 45	0 9 15.8												
1235+089		12 35 22.73	12 37 54.85	18.2			2.880+			1765	1765				1765Jmag,
O		8 57 34.2	8 41 5.0												1765BAL
1235+002	QNY2:19	12 35 22.8	12 37 56.54	21.18		-.83	1.122	C III 1909		1878	1878				1878Bmag
C		0 17 28	0 0 58.8					Mg II 2798			2058				
1235+174		12 35 22.92	12 37 53.37	18.7			1.758			1765	1765				1765Jmag
O		17 26 29.2	17 10 0.1												
1235+010	QNY3:22	12 35 23.6	12 37 57.20	21.05		-1.19	1.890	C IV 1549		2058	2058				2058Bmag,
C		1 2 43	0 46 13.8												2058ubv
1235+006	QNY2:07	12 35 24.5	12 37 58.18	20.14		-1.24	1.948	H I 1216		1878	1878				1878Bmag
C		0 36 13.2	0 19 44.0					N V 1240			2058				
1235+159		12 35 25.07	12 37 55.82	18.7			1.159			2183	2183				2183B(J)mag
O		15 57 33.1	15 41 4.0												
1235+264		12 35 25.1	12 37 53.60	20.2			2.50	H I 1216		1387	1387				
O		26 27 30	26 11 0.9												
1235+632	1E	12 35 28.5	12 37 41.31	18.52*						1233		1764	1233		1481sp,1764,
BL Lac X		63 15 55.3	62 59 26.3										2083		2107,2112x
R															0.297zgal,1233
															1481; IRAS
															source,1806;
1235+011	QNY3:01	12 35 30.5	12 38 4.08	20.12		-.72	0.720	Mg II 2798		2058	2058				2058Bmag,
C		1 7 43	0 51 13.9												2058ubv
1235+156		12 35 30.91	12 38 1.72	18.6			1.346			1765	1765				1765Jmag
O		15 36 57.8	15 20 28.7												
1235-117	UT	12 35 31.4	12 38 7.41	18			1.32	C IV 1549		1437	1437				
R		-11 42 56	-11 59 25.2					C III 1909							
1235+007	QNY3:20	12 35 33.2	12 38 6.84	19.67		-.39	0.794	Mg II 2798		2058	2058				2058Bmag,
C		0 47 53	0 31 23.9												2058ubv
1235+008	QNY3:29	12 35 34.5	12 38 8.14	19.45		-1.23	1.041	C III 1909		2058	2058				2058Bmag,
C		0 48 46	0 32 16.9												2058ubv
1235+011	QNY3:07	12 35 34.8	12 38 8.38	19.77		-.60	0.808	Mg II 2798		2058	2058				2058Bmag,
C		1 9 15	0 52 45.9												2058ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	 Z	 VAR	 R	 ABS	NOTES
1235+005 C	QNY2:05	12 35 39.1 0 31 44.1	12 38 12.79 0 15 15.1	19.40		−.54	0.580	Mg II 2798		1878	2058				1878Bmag
1235+022 O		12 35 39.66 2 16 47.6	12 38 13.03 2 0 18.6	17.6			0.672			2183	2183				2183B(J)mag
1235−006 C	QNY4:40	12 35 42.9 −0 40 28	12 38 16.82 −0 56 57.0	19.81		−.96	1.404	C III 1909		2058	2058				2058Bmag, 2058ubv
1235+014 C	QNY3:49	12 35 49.6 1 25 1	12 38 23.13 1 8 32.1	19.76		−1.24	1.220	C III 1909		2058	2058				2058Bmag, 2058ubv
1235+181 O		12 35 49.98 18 7 7.2	12 38 20.25 17 50 38.4	17.2			(0.449+	Mg II 2798		1765	1765				1765Jmag, 1765BAL
1235+134 O		12 35 50.23 13 29 15.1	12 38 21.44 13 12 46.3	18.4			0.350			1765	1765				1765Jmag
1235+264 O		12 35 52.8 26 24 18	12 38 21.25 26 7 49.2	20.4			2.70	C IV 1549 C III 1909		1387	1387				
1235−013 C	QNY5:56	12 35 53.4 −1 20 51	12 38 27.45 −1 37 19.9	20.99		−1.12	(1.562)			2058	2058				2058Bmag, 2058ubv
1235+005 C	QNY2:02	12 35 54.5 0 35 33.7	12 38 28.18 0 19 4.9	20.14		−.86	0.976	C III 1909 Mg II 2798		1878	1878 2058				1878Bmag
1235+000 C	QNY2:27	12 35 55.1 0 5 51.7	12 38 28.88 −0 10 37.1	20.13		−.79	1.568	C IV 1549 C III 1909		1878	1878 2058				1878Bmag
1235+008 C	QNY3:14	12 35 57.8 0 53 48	12 38 31.42 0 37 19.2	20.72		−.41	0.275			2058	2058				2058Bmag, 2058ubv, 2058neml
1235+175 O		12 35 58.08 17 34 25.9	12 38 28.45 17 17 57.2	18.7			1.631			1765	1765				1765Jmag
1235+115 O		12 35 58.47 11 31 58.7	12 38 30.06 11 15 30.0	18.2			0.360			1765	1765				1765Jmag
1235+014 C	QNY3:44	12 35 58.6 1 24 42	12 38 32.13 1 8 13.2	19.34		−.86	1.436	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1236+263 O		12 36 1.9 26 18 54	12 38 30.35 26 2 25.4	20.4			2.20	H I 1216		1387	1387				
1236−009 C	QNY4:30	12 36 3.1 −0 56 23	12 38 37.07 −1 12 51.8	20.11		−1.07	1.073	C III 1909		2058	2058				2058Bmag, 2058ubv
1236+180 O		12 36 5.28 18 2 12.2	12 38 35.55 17 45 43.6	18.7			0.517			2183	2183				2183B(J)mag
1236+001 C	QNY2:32	12 36 6.8 0 10 32.4	12 38 40.56 −0 5 56.3	19.95		−.58	1.610	C IV 1549 C III 1909		1878	1878 2058				1878Bmag
1236+000 C	QNY2:29	12 36 10.7 0 4 47.2	12 38 44.48 −0 11 41.5	19.28		−.82	0.870	Mg II 2798		1878	1878 2058				1878Bmag
1236−008 C	QNY4:42	12 36 14.4 −0 50 32	12 38 48.35 −1 7 0.6	21.01		−.72	0.713	Mg II 2798		2058	2058				2058Bmag, 2058ubv
1236+011 C	QNY3:09	12 36 17.7 1 10 58	12 38 51.27 0 54 29.4	21.25		−.20	0.190			2058	2058				2058Bmag, 2058ubv, 2058neml
1236+011 C	QNY3:06	12 36 21.8 1 9 9	12 38 55.37 0 52 40.5	20.89		−.29	0.277			2058	2058				2058Bmag, 2058ubv, 2058neml
1236+157 O		12 36 22.05 15 43 27.6	12 38 52.77 15 26 59.1	17.8			0.315			1765	1765				1765Jmag
1236−007 C	QNY4:45	12 36 22.2 −0 47 4	12 38 56.14 −1 3 32.5	20.36		−.87	0.208			2058	2058				2058Bmag, 2058ubv
1236−007 C	QNY4:41	12 36 22.2 −0 43 2	12 38 56.13 −0 59 30.5	18.74		−.96	1.843	C IV 1549 C III 1909		2058	2058 LBQS 2183				2058Bmag, 2058ubv

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1236+131 O		12 36 25.14 13 8 11.0	12 38 56.38 12 51 42.6	18.0			1.300			1765	1765				1765Jmag
1236+011 C	QNY3:08	12 36 27.0 1 8 6	12 39 0.58 0 51 37.5	19.30		−.77	1.590	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1236+010 C	QNY3:13	12 36 27.7 1 2 10	12 39 1.30 0 45 41.5	21.19		−.10	0.336			2058	2058				2058Bmag, 2058ubv, 2058neml
1236−008 C	QNY4:33	12 36 28.7 −0 53 8	12 39 2.66 −1 9 36.4	21.02		−.21	0.727	Mg II 2798		2058	2058				2058Bmag, 2058ubv
1236−011 C	QNY5:45	12 36 30.9 −1 11 47	12 39 4.92 −1 28 15.4	20.64		−.98	1.275	C III 1909		2058	2058				2058Bmag, 2058ubv
1236+004 C	QNY2:26	12 36 31.6 0 26 37.2	12 39 5.31 0 10 8.8	21.19		−1.09	(0.526)	Mg II 2798		1878	1878				1878Bmag
1236+010 C	QNY3:04	12 36 36.4 1 5 57	12 39 9.98 0 49 28.7	20.95		−.22	1.257	C III 1909		2058	2058				2058Bmag, 2058ubv
1236+014 C		12 36 38.03 1 28 40.9	12 39 11.54 1 12 12.6	17.82		−1.60	1.261	C IV 1549 C III 1909		1203	1203 2183				1203ubv
1236+090 O		12 36 43.93 9 3 6.0	12 39 15.97 8 46 37.8	17.6			0.500			1765	1765				1765Jmag
1236+110 O		12 36 50.75 11 3 27.8	12 39 22.38 10 46 59.7	17.7			1.300			1765	1765				1765Jmag
1236+077 R	PKS	12 36 52.31 7 46 45.3	12 39 24.59 7 30 17.2	20.1			(0.400)	Mg II 2798 O III 5007 H I 6563		010	1861		1861		
1236−021 O		12 36 53.81 −2 7 3.8	12 39 28.01 −2 23 32.0	18.2			2.245			2183	2183				2183B(J)mag
1236−003 C	QNY4:53	12 36 58.9 −0 22 10	12 39 32.77 −0 38 38.1	19.13		−.63	2.181+	C III 1909		2058	2058				2058Bmag, 2058ubv, 2058BAL
1237+119 O		12 37 6.24 11 57 10.6	12 39 37.68 11 40 42.7	18.2			0.885			1765	1765				1765Jmag
1237+084 O		12 37 7.14 8 24 32.6	12 39 39.29 8 8 4.7	18.6			0.414			1765	1765				1765Jmag
1237−101 R X	ON 162 PKS	12 37 7.25 −10 7 0.4	12 39 43.03 −10 23 28.4	17.22*	−.03	−.75	(0.753)	Mg II 2798		057	009	756 875 1068 1902	1340 2056		1201pol, 1320rpol,912x, 079fc,1485ubv, 1526vlbi, 1810pos 1902avg ph mag
1237+146 O		12 37 9.24 14 36 52.1	12 39 40.13 14 20 24.2	18.6			1.841			1765	1765				1765Jmag
1237−004 C	QNY4:50	12 37 11.1 −0 26 30	12 39 44.98 −0 42 57.9	19.57		−.91	1.281	C III 1909		2058	2058				2058Bmag, 2058ubv
1237+022 O		12 37 17.30 2 16 50.2	12 39 50.65 2 0 22.4	18.5			0.336			2183	2183				2183B(J)mag
1237−010 C	QNY5:26	12 37 17.6 −1 0 43	12 39 51.59 −1 17 10.9	20.83		−.73	0.418	Mg II 2798		2058	2058				2058Bmag, 2058ubv
1237−004 C	QNY4:52	12 37 19.1 −0 24 44	12 39 52.98 −0 41 11.8	21.16		.07	2.714	H I 1216		2058	2058				2058Bmag, 2058ubv
1237+178 O		12 37 19.15 17 52 55.1	12 39 49.34 17 36 27.3	17.9			0.912			1765	1765				1765Jmag
1237−012 C	QNY5:03	12 37 21.8 −1 16 40	12 39 55.84 −1 33 7.8	20.34		−.77	0.247			2058	2058				2058Bmag, 2058ubv, 2058neml
1237−011 C	QNY5:27	12 37 23.8 −1 9 11	12 39 57.82 −1 25 38.8	20.73		−1.42	2.080	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1237-008 C	QNY4:15	12 37 23.9 -0 49 18	12 39 57.86 -1 5 45.8	19.12		-1.22	1.060	C III 1909		2058	2058				2058Bmag, 2058ubv
1237+085 O		12 37 24.45 8 34 28.7	12 39 56.55 8 18 1.0	18.2			1.070			1765	1765				1765Jmag 1765Fe em
1237+107 O		12 37 24.83 10 42 53.0	12 39 56.50 10 26 25.3	18.1			1.040			1765	1765				1765Jmag 1765Fe em
1237-009 C	QNY4:18	12 37 25.9 -0 54 17.8	12 39 59.87 -1 10 45.6	18.73		-1.01	0.823	Mg II 2798 Ne V 2974 O III 3133		1203 2058	1203 2058				1203ubv
1237-004 C	QNY4:64	12 37 29.2 -0 24 27	12 40 3.07 -0 40 54.7	21.24		-.42	1.213	C III 1909		2058	2058				2058Bmag, 2058ubv
1237+152 O		12 37 32.96 15 15 35.2	12 40 3.69 14 59 7.6	18.4			2.039			1765	1765				1765Jmag
1237+011 C	UM 510	12 37 37.23 1 7 55.7	12 40 10.80 0 51 28.1	18.35		-1.03	1.808	Si IV 1397 C IV 1549 C III 1909		1203	1203 2183				1203ubv
1237+151 O		12 37 39.08 15 8 10.6	12 40 9.82 14 51 43.1	18.6			2.066			1765	1765				1765Jmag
1237+110 O		12 37 39.21 11 0 39.2	12 40 10.81 10 44 11.7	18.5			0.882			1765	1765				1765Jmag
1237+134 O		12 37 42.11 13 25 55.7	12 40 13.21 13 9 28.2	17.8			1.730			1765	1765				1765Jmag
1237+156 O		12 37 44.86 15 36 21.6	12 40 15.50 15 19 54.2	18.7			1.146			1765	1765				1765Jmag
1237+151 O		12 37 48.05 15 6 56.0	12 40 18.79 14 50 28.6	18.4			1.648			1765	1765				1765Jmag
1237+098 O		12 37 49.37 9 50 13.0	12 40 21.20 9 33 45.6	17.9			0.720			1765	1765				1765Jmag
1237+122 O		12 37 49.66 12 12 7.6	12 40 21.00 11 55 40.2	18.4			2.314			1765	1765				1765Jmag
1237-013 C	QNY5:36	12 37 50.7 -1 22 57	12 40 24.77 -1 39 24.5	20.12		-.66	2.085	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
1237-013 C	QNY5:39	12 37 57.7 -1 21 47	12 40 31.77 -1 38 14.4	21.03		-1.17	1.488	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1237+020 O		12 37 58.45 2 4 42.2	12 40 31.83 1 48 14.9	17.5			0.665			2183	2183				2183B(J)mag
1238+101 O		12 38 3.75 10 6 7.7	12 40 35.51 9 49 40.5	18.0			1.040			1765	1765				1765Jmag
1238+089 O		12 38 7.36 8 59 16.7	12 40 39.35 8 42 49.5	18.6			1.090			1765	1765				1765Jmag
1238+140 O		12 38 11.38 14 1 41.3	12 40 42.32 13 45 14.2	18.4			0.641			2183	2183				2183B(J)mag
1238+142 O		12 38 16.20 14 12 18.0	12 40 47.09 13 55 50.9	18.7			1.727			1765	1765				1875Jmag
1238+006 O	UM 511	12 38 34.80 0 39 22.7	12 41 8.46 0 22 55.8	18.41		-1.11	1.362			922	1203 2183				1203ubv
1238+102 O		12 38 37.09 10 13 57.4	12 41 8.80 9 57 30.6	18.1			1.170			1765	1765				1765Jmag
1238-000 C	F861:177	12 38 40.8 -0 5 44	12 41 14.61 -0 22 10.8	21.45	1.05	-1.20	1.601	C IV 1549 C III 1909		2214	2214				
1238-001 C	F861:171	12 38 53.0 -0 10 47	12 41 26.83 -0 27 13.7	20.31	.72	-.98	2.067	H I 1216 C IV 1549		2214	2214				
1239-004 C	F861:165	12 39 0.3 -0 26 30	12 41 34.19 -0 42 56.6	19.23	.58	-1.33	1.299	C III 1909		2214	2214				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1239–000 C	F861:163	12 39 3.6 –0 4 5	12 41 37.41 –0 20 31.5	19.33	.52	–.89	1.576	C IV 1549 C III 1909		2214	2214				
1239+099 O		12 39 4.17 9 55 57.0	12 41 35.92 9 39 30.5	18.4			2.020+			1765	1765				1765Jmag, 1765BAL?
1239–003 C	F861:156	12 39 11.9 –0 22 28	12 41 45.77 –0 38 54.4	20.11	.36	–.99	1.506	C IV 1549 C III 1909		2214	2214				
1239–025 O		12 39 22.99 –2 31 6.6	12 41 57.30 –2 47 32.9	17.7			1.234			2183	2183				2183B(J)mag
1239–004 C	F861:134	12 39 27.8 –0 25 49	12 42 1.68 –0 42 15.2	21.51	.65	–1.59	1.120	C III 1909		2214	2214				
1239+004 O		12 39 28.96 0 28 54.1	12 42 2.66 0 12 27.9	17.5			1.214			2183	2183				2183B(J)mag
1239+145 O		12 39 35.38 14 35 48.2	12 42 6.09 14 19 22.1	17.9			1.929			1765	1765				1765Jmag
1239+113 O		12 39 39.81 11 18 51.9	12 42 11.23 11 2 25.9	18.0			1.490			1765	1765				1765Jmag
1239+028 O		12 39 46.92 2 49 22.5	12 42 20.13 2 32 56.5	18.5			2.216			2183	2183				2183B(J)mag
1239–003 C	F861:117	12 39 47.9 –0 22 36	12 42 21.77 –0 39 2.0	21.46	.47	–1.02	(1.610)	C IV 1549		2214	2214				
1240+179 O		12 40 7.40 17 54 44.1	12 42 37.32 17 38 18.5	17.6			0.458			1765	1765				1765Jmag
1240+027 O		12 40 11.40 2 46 19.1	12 42 44.61 2 29 53.5	18.1			0.934			2183	2183				2183B(J)mag
1240+024 O		12 40 13.90 2 24 42.1	12 42 47.19 2 8 16.5	17.9			0.790			2183	2183				2183B(J)mag
1240–003 C	F861:93	12 40 17.0 –0 20 16	12 42 50.87 –0 36 41.6	21.50	.48	–1.10	(1.309)	C III 1909		2214	2214				
1240–002 C	F861:89	12 40 21.1 –0 17 34	12 42 54.96 –0 33 59.5	21.72	.93	–1.28	1.413	C IV 1549 C III 1909		2214	2214				
1240+152 O		12 40 22.84 15 16 18.0	12 42 53.34 14 59 52.6	18.3			2.280+			1765	1765			1765	1765Jmag
1240–002 C	F861:87	12 40 23.6 –0 13 52	12 42 57.45 –0 30 17.5	21.99	.39	–.58	2.475			2214	2214				
1240–000 C	F861:85	12 40 25.3 –0 3 18	12 42 59.11 –0 19 43.5	21.67	.37	–.33	(2.874)	H I 1216		2214	2214				
1240+381 R	B2 S4	12 40 27.0 38 7 26	12 42 51.34 37 51 0.7	19			1.316	C IV 1549 C III 1909 Mg II 2798			1443		1521		1526vlbi
1240–294 R	PKS	12 40 30.05 –29 26 57.7	12 43 10.70 –29 43 23.2	17.69	.15	–.78	1.135	C III 1909 Mg II 2798 Ar IV 2854 Ar IV 2869		188	410 419		011 2056		761,1304sp, 1485ubv, 1526vlbi, 1898pos
1240+158 O		12 40 30.51 15 51 36.8	12 43 0.87 15 35 11.5	18.8			0.573+			2183	2183			2183	2183B(J)mag
1240+161 O		12 40 33.35 16 7 13.6	12 43 3.65 15 50 48.3	18.8			2.365+			2183	2183				2183B(J)mag, 2183BAL
1240–001 C	F861:76	12 40 35.2 –0 7 38	12 43 9.02 –0 24 3.3	21.23	.79	–1.08	2.068	H I 1216 C IV 1549		2214	2214				
1240–003 C	F861:74	12 40 36.9 –0 20 15	12 43 10.77 –0 36 40.3	19.55	.39	–.81	2.039	C IV 1549		2214	2214				
1240–003 C	F861:73	12 40 42.3 –0 21 45	12 43 16.17 –0 38 10.2	20.97	.96	–.84	1.379	C III 1909		2214	2214				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1240+150 O		12 40 42.40 15 4 38.2	12 43 12.92 14 48 13.0	18.0			1.852			1765	1765				1765Jmag
1240–000 C	F861:70	12 40 49.5 –0 2 19	12 43 23.31 –0 18 44.2	21.75	.56	–.97	(1.508)	C IV 1549 C III 1909		2214	2214				
1240–000 C	F861:66	12 40 56.6 –0 4 18	12 43 30.41 –0 20 43.1	18.78	.49	–.67	0.791	C III 1909 Mg II 2798		2214	2214				
1240+177 O		12 40 56.64 17 46 0.9	12 43 26.52 17 29 35.9	18.0			0.549			2183	2183				2183B(J)mag
1241+095 O		12 41 10.08 9 33 31.3	12 43 41.81 9 17 6.5	17.4			0.19			2183	2183				2183B(J)mag
1241+124 O		12 41 12.03 12 28 23.8	12 43 43.11 12 11 59.0	17.8			0.320			1765	1765				1765Jmag
1241+154 O		12 41 14.41 15 24 46.2	12 43 44.81 15 8 21.4	18.3			1.392			1765	1765				1765Jmag
1241+087 O		12 41 20.47 8 44 47.0	12 43 52.37 8 28 22.3	18.3			0.380			1765	1765				1765Jmag
1241+166 R	3CR 275.1 4C 16.34 PKS ON 169 NRAO 406 DA 330	12 41 27.58 16 39 18	12 43 57.68 16 22 53.4	19 *	.23	–.43	0.557	Mg II 2798 O II 3727		008 1765	102 1765	506	128 462 775 787 789 916 1531 1545 1804 1891 2013		008ubv, 1526vlbi,050, 306fc,1922sp, 2180spext 1795,1796,2091 rpol jet; 1675imag/ext; 3.5arcmin from NGC 4651,2118
1241+139 O		12 41 29.06 13 56 1.2	12 43 59.79 13 39 36.6	18.5			1.768			1765	1765				1765Jmag
1241+011 O		12 41 37.99 1 7 1.9	12 44 11.55 0 50 37.4	18.4			0.786			2183	2183				2183B(J)mag
1241+176 C X R	PG	12 41 41.0 17 37 29	12 44 10.85 17 21 4.6	15.38			1.273	C IV 1549 C III 1909		1117	1117		2011		1487,1980, 2112x,1598, 2251sp, 1352spvar, 1729,2005ir, 2061uv faint gals near,2118
1241–008 O		12 41 41.85 –0 48 5.9	12 44 15.82 –1 4 30.4	18.2			1.314			2183	2183				2183B(J)mag
1242+175 O		12 42 5.87 17 35 57.7	12 44 35.69 17 19 33.7	18.8			1.592			2183	2183				2183B(J)mag
1242–013 O		12 42 22.12 –1 23 10.6	12 44 56.22 –1 39 34.5	17.3			0.491			2183	2183				2183B(J)mag
1242+178 O		12 42 29.12 17 49 21.8	12 44 58.85 17 32 58.1	17.9			0.265			1765	1765				1765Jmag
1242+170 O		12 42 37.51 17 1 11.2	12 45 7.42 16 44 47.6	18.5			1.477			1765	1765				1765Jmag
1242+110 O		12 42 37.79 11 0 6.2	12 45 9.12 10 43 42.6	18.24			0.170			1765	1765				1765Jmag
1242+022 O		12 42 43.17 2 13 3.5	12 45 16.48 1 56 39.9	18.3			1.988			2183	2183				2183B(J)mag
1242+001 O	UM 516	12 42 50.82 0 6 44.5	12 45 24.59 –0 9 39.0	17.7			2.076	H I 1216 C IV 1549		922	2183 922				
1242+173 O		12 42 51.97 17 19 32.5	12 45 21.79 17 3 9.1	18.6			0.540			2183	2183				2183B(J)mag, 2183neml

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1242+175		12 42 53.91	12 45 23.67	18.7			1.833			1765	1765				1765Jmag
O		17 32 38.1	17 16 14.7												
1242+135		12 42 55.08	12 45 25.81	18.5			0.931			2183	2183				2183B(J)mag
O		13 30 9.6	13 13 46.2												
1242+176		12 42 57.08	12 45 26.82	18.0			1.857			1765	1765				1765Jmag
O		17 37 15.1	17 20 51.8												
1243+025		12 43 0.70	12 45 33.92	18.0			0.718			2183	2183				2183B(J)mag
O		2 34 29.0	2 18 5.7												
1243+149		12 43 5.20	12 45 35.57	17.7			(0.580)	Mg II 2798		1765	1765				1765Jmag
O		14 56 37.0	14 40 13.8												
1243−001		12 43 7.13	12 45 40.97	18.2			1.682			2183	2183				2183B(J)mag
O		−0 11 22.5	−0 27 45.8												
1243+013		12 43 17.95	12 45 51.44	18.5			2.798+			2183	2183				2183B(J)mag,
O		1 21 27.2	1 5 4.1												2183BAL
1243−072	PKS	12 43 28.81	12 46 4.26	18			1.286*	C IV 1549	0.436	011	761		1171	501	1125ir,1304sp,
R	ON 073	−7 14 23.0	−7 30 46.0					C III 1909						2228	1526vlbi,
								Mg II 2798						2263	1789mm,
								Ne V 3426							1810pos
								O II 3727							
1243+346	KP 22	12 43 45.3	12 46 10.12	20.0			2.29	O VI 1034		457	867				912xnd,853rnd
O		34 37 25	34 21 2.4					H I 1216							
								C IV 1549							
1243+170		12 43 58.28	12 46 28.07	17.9			0.457			1765	1765				1765Jmag
O		17 1 44.7	16 45 22.2												
1244+139		12 44 4.58	12 46 35.11	18.8			0.601			2183	2183				2183B(J)mag
O		13 58 58.4	13 42 36.0												
1244+345	KP 23	12 44 5.3	12 46 30.08	20.0			1.96	H I 1216		457	867				912xnd,853rnd
O		34 33 5	34 16 42.7					C IV 1549							
1244+009		12 44 5.73	12 46 39.30	17.4			0.13			2183	2183				2183B(J)mag
O		0 59 53.9	0 43 31.5												
1244+170		12 44 6.08	12 46 35.85	17.7			1.582			1765	1765				1765Jmag
O		17 3 18.0	16 46 55.6												
1244−255	PKS	12 44 6.66	12 46 46.75	17.41*	.41	−.53	0.638	Mg II 2798		188	418	561	011		761,1304sp,
R		−25 31 25.5	−25 47 48.0					O II 3727				745	1399		1125,1399ir,
								H I 4102				2054	2056		1526vlbi,
								H I 4340							1485ubv,
								O III 4363							1789mm,1800,
															2103pol
1244+026		12 44 8.53	12 46 41.72	17.9			0.934			2183	2183				2183B(J)mag
O		2 40 32.9	2 24 10.5												
1244+346	KP 24	12 44 8.8	12 46 33.53	20.0			(1.9)			457	853				853rnd,912xnd
O		34 41 4	34 24 41.7												
1244+114		12 44 9.27	12 46 40.40	18.4			3.160*			1765	1765			1765	1765Jmag
O		11 29 25.0	11 13 2.7												Ly limit abs
															2247
1244+346	KP 25	12 44 14.5	12 46 39.21	19.5			2.30	H I 1216		457	867				853rnd,912xnd
O		34 40 55	34 24 32.8					C IV 1549			457				
1244+167		12 44 17.33	12 46 47.17	18.7			2.865			1765	1765				1765Jmag
O		16 42 36.1	16 26 13.9												
1244+134		12 44 23.38	12 46 54.01	17.0			0.510			1765	1765				1765Jmag
O		13 29 32.7	13 13 10.6												
1244+097		12 44 26.77	12 46 58.29	18.3			2.340			1765	1765				1765Jmag
O		9 47 7.2	9 30 45.1												
1244+381	AB 4	12 44 28.99	12 46 52.43	18.14	.03	−.39	1.27				1115				178ubv
C		38 6 36.4	37 50 14.4												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1244+154 O		12 44 36.42 15 29 2.7	12 47 6.54 15 12 40.8	18.7			0.782			1765	1765				1765Jmag
1244+168 O		12 44 45.89 16 48 34.2	12 47 15.67 16 32 12.4	18.7			1.437			1765	1765				1765Jmag
1244+324 R	4C 32.41 B2 ON 374	12 44 55.38 32 25 22.8	12 47 20.71 32 9 1.2	17.2 *			0.949	C III 1909 Mg II 2798		033	032	1201	462 774 790 1476 1790		1201pol, 1320rpol, 831sp,113, 1478fc
1244−014 O		12 44 56.81 −1 26 6.6	12 47 30.95 −1 42 28.3	17.6			0.347			2183	2183				2183B(J)mag
1244+347 O	KP 26	12 44 57.3 34 43 54	12 47 21.85 34 27 32.4	18			2.48 *	O VI 1034 H I 1216	1.857	457	867 457			1550 1551 2263	853rnd,912xnd prob damped Ly alpha,1551
1245−035		12 45 0.4 −3 33 47	12 47 35.04 −3 50 8.7	16.07			0.379			2280	2280				
1245+345 C	B 19 AB 7	12 45 3.2 34 31 31.5	12 47 27.80 34 15 10.0	17.94*	.29	−1.19	2.068*	Si IV 1397 O IV 1402 C IV 1549	1.6778 1.6106		346 178 490 1872	490 1872		1872 2228 2263	178ubv,2251sp, 853rnd,912xnd
1245+106 O		12 45 16.12 10 38 52.2	12 47 47.39 10 22 30.8	17.7			1.370+			1765	1765			1765	1765Jmag
1245+343 O	KP 27	12 45 20.4 34 18 27	12 47 45.02 34 2 5.8	20.0			1.82			457	853				912xnd,853rnd
1245+173 O		12 45 27.61 17 19 49.1	12 47 57.19 17 3 27.9	17.9			0.751			1765	1765				1765Jmag
1245−004 O	UM 519	12 45 34.5 −0 27 2	12 48 8.41 −0 43 23.1	18			2.09	C IV 1549 C III 1909		922	2130				
1245+189 R	ON 176	12 45 37.81 18 54 32.9	12 48 6.97 18 38 11.9	18			(0.723)	Mg II 2798		009	009				
1245+342 O	KP 28	12 45 39.3 34 16 34	12 48 3.87 34 0 13.0	20.5			2.07			457	853				912xnd,853rnd
1246+344 O	KP 29	12 46 5.6 34 29 0	12 48 30.01 34 12 39.4	19			2.23	H I 1216 C IV 1549		457	457 867				853rnd,912xnd
1246−009 O		12 46 6.02 −0 59 15.7	12 48 40.06 −1 15 36.4	17.9			2.450			2183	2183				2183B(J)mag
1246−292 O	K06.03	12 46 12.70 −29 16 40.9	12 48 54.23 −29 33 1.6	17.5			0.147			2193	2194				
1246+005 O	UM 520	12 46 25.48 0 32 5.1	12 48 59.15 0 15 44.7	18.1			2.306	H I 1216 O IV 1402		922	2183 922				
1246+377 C R	BSO 1 AB 9	12 46 28.74 37 46 49.7	12 48 51.87 37 30 29.5	18.25*	.31	−.78	1.260*	C IV 1549 C III 1909	1.243	179	063 179 1901	490 875 1068 1902	1699	063 560 2263	063,178,179, 180ubv,704, 1202pol,850, 853rnd,992ir, 2251sp 1902avg Bmag
1246+346 C X R	B 46 AB 11 KP 30	12 46 29.64 34 40 49.3	12 48 53.91 34 24 29.1	18.14*	.36	−.87	0.271	Mg II 2798 Mg V 2931 O II 3727 O III 5007		179 435	179 867	490 875 1068 1902	1699		178,179ubv, 853rnd,912, 1488x,457fc 1902avg Bmag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	REFERENCES Z	REFERENCES VAR	REFERENCES R	REFERENCES ABS	NOTES
1246−057		12 46 38.8	12 49 13.99	16.73	.36	−.30	2.236*	H I 1216	2.2123	409	1479		1213	470	704,1202pol,
O		−5 42 58.3	−5 59 18.5					N V 1240	1.6721		409			954	780,1983ir,
								Si IV 1397	1.6478		470			1110	873,912xnd,
								C IV 1549	1.6454		1711			1512	1013varnd,
								C III 1909	1.2105					1711	1586rnd,
								Mg II 2798	1.2015					2228	1485ubv,1208,
									0.6399					2263	1514BAL,954,
															2251sp,1941uv,
															1924BALvar
															z(abs) 2.095–
															1.999,1512;
															13 arcmin
															from NGC
															4697,38 arcmin
															from NGC 4731,
															1650,2118
1246−022		12 46 50.47	12 49 24.83	18.1			2.106			2183	2183				2183B(J)mag
O		−2 17 20.2	−2 33 40.2												damped Ly
															alpha candi-
															date,2183
1246+270		12 46 54.5	12 49 21.21	19.6			0.299	Mg II 2798		1438	1692				
O		27 1 6	26 44 46.2					O II 3727							
								O III 5007							
1246+269		12 46 59.4	12 49 26.12	18.2			0.664	Mg II 2798		1438	1692				
O		26 57 22	26 41 2.2												
1247+450	4C 45.26	12 47 3.13	12 49 23.00	17.8			0.799	C III 1909		507	1288		534		
R		45 1 5.8	44 44 46.1					Mg II 2798					1166		
1247−022		12 47 13.19	12 49 47.54	18.0			1.312			2183	2183				2183B(J)mag
O		−2 13 9.2	−2 29 28.9												
1247+341	PC	12 47 17.8	12 49 42.12				4.897+	H I 1216		2204	2204				
O		34 6 12	33 49 52.5					N V 1240							
								O IV 1402							
								C IV 1549							
1247−279	K06.04	12 47 24.20	12 50 5.49	17.5			0.184			2193	2194				
O		−27 55 36.0	−28 11 55.6												
1247+268		12 47 25.0	12 49 51.69	20.0			0.978	C III 1909		1438	1692				
O		26 50 36	26 34 16.6					Mg II 2798							
1247+267	PG	12 47 39.0	12 50 5.67	15.8			2.043*	LYB 1026	1.9597	772	772			772	772uv,1598sp,
C	LB 19	26 47 28	26 31 8.8					O VI 1034	1.4063	1438	1872			1000	1729,2005ir,
								H I 1216	1.218		2281			1747	2112x
								N V 1240						1872	61.5 arcmin
								O I 1304						2228	from NGC 4725,
								Si IV 1397						2263	1650; faint
								O IV 1402							gals near,2118
								C IV 1549							Ly limit abs,
								C III 1909							z=1.218,722
1247+272		12 47 39.8	12 50 6.32	19.8			0.968*	C III 1909		1438	1723				1723BAL
O		27 15 59	26 59 39.8					Mg II 2798			1692				
1247+270		12 47 46.5	12 50 13.09	19.6			1.507	C IV 1549		1438	1692				
O		27 0 25	26 44 5.9					C III 1909							
1247+269		12 47 49.4	12 50 15.98	18.5			1.778	H I 1216		1438	1692				
O		26 59 57	26 43 38.0					C IV 1549							
								C III 1909							
1247+271		12 47 57.1	12 50 23.61	19.8			1.491	C IV 1549		1438	1692				
O		27 9 47	26 53 28.1					C III 1909							
								Mg II 2798							
1248+305	4C 30.25	12 48 0.12	12 50 25.53	17.5			1.061	C IV 1549		033	032		462		1320rpol,
R	B2	30 32 59.3	30 16 40.5					C III 1909					774		1201pol,831sp,
								Mg II 2798					790		113,222,
													800		1478fc
													1476		
													1790		
1248+272		12 48 8.9	12 50 35.35	20.5			(1.9)	H I 1216		1438	1438				
O		27 15 52	26 59 33.3					C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1248+350 R		12 48 9.51 35 0 15.2	12 50 33.33 34 43 56.5	20.0			0.972			1446	1447				
1248+337 C	BSO 2 B 87 AB 17	12 48 17.68 33 47 11.3	12 50 41.92 33 30 52.7	18.73*	.28	–.98	(0.186)	Ne V 3426 O II 3727		179	179	1902			178,179, 180ubv,853rnd, 1207,1261imag 1902avg Bmag
1248+317 O	LB 11377 CSO 173	12 48 25.4 31 42 24	12 50 50.35 31 26 5.6	17			1.02	C III 1909 Mg II 2798		1371	1369				
1248+401 C	PG	12 48 26.6 40 7 58	12 50 48.33 39 51 39.6	16.06			1.030	Mg II 2798		1117	1117		2011		1218uv,1598, 2251sp,1729, 2005ir,2112x 76.1 arcmin from NGC 4736, 1650; faint gals near,2118
1248+473 O	PC	12 48 38.7 47 19 15	12 50 56.93 47 2 56.8	18.62			1.000	Mg II 2798		1546	1546				
1249+265 O		12 49 0.1 26 30 5	12 51 26.67 26 13 47.1	20.0			1.426	C IV 1549 C III 1909		1438	1692				
1249+003 O		12 49 6.60 0 18 28.4	12 51 40.33 0 2 10.5	18.1			0.878			2183	2183				2183B(J)mag
1249+270 O		12 49 13.3 27 5 1	12 51 39.65 26 48 43.3	21.0			(2.2)	H I 1216 C IV 1549		1438	1438				
1249+272 O		12 49 24.0 27 12 55	12 51 50.29 26 56 37.5	20.0			2.127*	H I 1216 N V 1240 C IV 1549		1438	1723 1692				1723BAL
1249+269 O		12 49 24.6 26 55 11	12 51 50.98 26 38 53.5	17.9			1.898	H I 1216 C IV 1549 C III 1909		1438	1692				
1249+271 O		12 49 26.0 27 7 22	12 51 52.31 26 51 4.5	20.4			1.267	C IV 1549 C III 1909 Mg II 2798		1438	1692				
1249+271 O		12 49 32.8 27 10 13	12 51 59.08 26 53 55.6	20.3			1.863	H I 1216 C IV 1549 C III 1909		1438	1692				
1249+339 C	B 86 AB 29	12 49 40.64 33 54 46.5	12 52 4.57 33 38 29.3	17.58	.51	–.93	1.431				346 178				178ubv,853rnd
1249+011 O		12 49 40.81 1 8 15.5	12 52 14.32 0 51 58.2	18.2			0.13			2183	2183				2183B(J)mag
1250+568 R X	3CR 277.1 4C 56.20 NRAO 409 ON 584 DA 332	12 50 15.30 56 50 36.5	12 52 26.47 56 34 19.8	17.93	–.17	–.78	0.321	Mg II 2798 Ne V 3345 Ne V 3426 O II 3727 NeIII 3869 H I 3889 NeIII 3968 H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		008	098 085		128 462 534 2000		008ubv,749pos, 873,1107, 1980x, 1259imag, 1320rpol, 245fc,324sp, 1201pol
1250+011 O		12 50 22.49 1 9 55.8	12 52 55.99 0 53 39.1	18.4			0.792			2183	2183				2183B(J)mag
1250+313 O	LB 11408 PB 3090 CSO 179	12 50 52.94 31 22 6.3	12 53 17.58 31 5 50.2	16.7			0.78	C III 1909 Mg II 2798		1371	1369				1478fc
1251+398 R	B3	12 51 49.1 39 49 24	12 54 10.16 39 33 8.9	19.2			2.104	C IV 1549 He II 1640 C III 1909		1990	2270				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1251+367		12 51 57.0	12 54 19.37	19.0			3.13	H I 1216		1387	1387				
O		36 44 0	36 27 45.0												
1251+362		12 51 59.4	12 54 21.95	20.0			2.40	C IV 1549		1387	1387				
O		36 16 54	36 0 39.0					C III 1909							
1252+119	PKS	12 52 7.72	12 54 38.26	16.17*	.35	–.75	0.871	C III 1909		047	154	248	128		047ubv,156,
R	ON 187	11 57 21.1	11 41 6.2					Mg II 2798			085	253	1152		1202pol,912,
X	MC 2							Mg II 2804			098	290	1888		1980x,749pos,
								Ar IV 2869				753			910rvar,958sp,
								Mg V 2931				756			758FeIIem,050,
								O III 3133				875			343fc,
												1068			1526vlbi,
															1789mm
															1902avg ph mag
1252+012	UM 524	12 52 21.3	12 54 54.76	18			2.38	H I 1216		922	922				
O		1 16 23	1 0 8.3					C IV 1549							
1252+362		12 52 23.7	12 54 46.17	20.5			2.77	H I 1216		1387	1387				
O		36 16 48	36 0 33.4												
1252+369		12 52 24.4	12 54 46.57	19.5			1.94	C IV 1549		1387	1387				
O		36 59 0	36 42 45.5					C III 1909							
1252+020		12 52 46.4	12 55 19.66	15.48			0.345			2280	2280				
		2 0 27	1 44 12.7												
1252+366		12 52 54.8	12 55 17.02	20.5			2.17	H I 1216		1387	1387				
O		36 36 12	36 19 58.0					C IV 1549							
								C III 1909							
1252+359	B 114	12 52 57.94	12 55 20.44	17.46*	.08	–.90	(0.221)	Mg II 2798		179	179	490			178,179ubv,
C	AB 47	35 55 24.2	35 39 10.2					Ne V 3426				875			853rnd
								H I 4861				1068			1902avg Bmag
												1902			
1253+370		12 53 0.0	12 55 22.03	20.0			2.42	C IV 1549		1387	1387				
O		37 1 24	36 45 10.1					C III 1909							
1253+359	BF 8	12 53 32.1	12 55 54.47	19.60	.11	–.61	2.09			1301	1070				1301ubv
C		35 56 42	35 40 28.6												
1253–055	3C 279	12 53 35.89	12 56 11.23	16.84*	.26	–.56	0.538	Mg II 2798		136	181	099	128		008,1485ubv,
R	4C 05.55	–5 31 8.4	–5 47 21.9					Ar IV 2854			154	183	794		099,183,703,
X	ON 089							Ar IV 2869				248	796		900,1201,1541,
	NRAO 413							Mg V 2931				256	801		1730,1988,
	PKS							Ne V 3345				280	837		2062,2103pol,
	MSH 12–020							Ne V 3426				290	898		280,324,1188,
	CTA 56							O II 3727				739	934		2229sp,
								NeIII 3869				753	993		1018phot,1357,
								H I 3889				875	1076		1649,1971mf,
												1068	1128		1027,1028,
												1902	1167		1789mm,1195,
												2163	1212		1753xvar,799,
													1229		1141,1144,
													1340		1399,1580,
													1367		1589ir,887,
													1557		1721rvar,696,
													1771		912,1781,
													1792		2038x,847,
													1807		865pos,1526,
													1930		1672vlbi,057,
															182fc,1902,
															2163OVV,
															2145imag
															superluminal
															source,1827,
															448,1845,1970;
															1902avg ph mag
1253+104	MC 2	12 53 36.78	12 56 7.68	18.2			0.824	C III 1909		020	044		1111		343fc
R		10 25 7.2	10 8 53.8					Mg II 2798					1888		1.5arcmin from
															anon gal,14.0
															vgal,2118
1253–056	1E	12 53 38.2	12 56 13.58	19.97			0.420	O II 3727		1233	1233				1233x
X		–5 39 49.4	–5 56 2.8					O III 4363							
								H I 4861							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1253+358 C	BF 12	12 53 38.6 35 48 43	12 56 1.00 35 32 29.7	19.03	.14	−.48	0.74	Mg II 2798			1115				1301ubv
1253+290 C	US 19	12 53 40.8 29 5 57	12 56 5.80 28 49 43.7	19.2 *	−.20	−.40	1.331	He II 1640 N III 1750 C III 1909 Mg II 2798		1283	1116	1283			1283ubv
1253+361 C	BF 16	12 53 49.4 36 7 14	12 56 11.64 35 51 0.9	19.57	.21	−.65	(0.69)				1230				1301ubv
1253+360 C	BF 17	12 53 49.8 36 5 45	12 56 12.05 35 49 31.9	19.53	.16	−.81	1.37				1230				1301ubv
1254+278 O		12 54 11.8 27 48 26	12 56 37.18 27 32 13.3	21.0			(2.05)			1029	1029				1.32 arcmin from NGC 4824, 2118
1254+047 C R	PG PB 4381	12 54 27.6 4 43 47	12 57 0.08 4 27 34.5	15.84			1.024+	C III 1909 Mg II 2798	0.5194	1117	1117		2011	2263	1598,2251sp, 1646uv,1729, 2005ir,2112x, 1646BAL 20.2 arcmin from NGC 4765, 1650; faint gals near,2118
1254+359 C X	BF 30	12 54 29.2 35 55 22	12 56 51.39 35 39 9.6	19.20	.16	−.43	0.65	Mg II 2798			1115				1115x,1301ubv
1254+304 C	US 39	12 54 29.3 30 29 31	12 56 53.66 30 13 18.6	19.5 *	.30	−.20	(0.515)	Mg II 2798		1283	1116	1283			1283ubv FeII multi- plets 62 and 63, 1116
1254+006 R	PKS 4C 00.45	12 54 29.56 0 40 48.6	12 57 3.18 0 24 36.1	19.1			1.257	C III 1909 Mg II 2798 Ne V 3426		1877	1861		1861 1877		
1254−333 R	PKS	12 54 36 −33 18 30	12 57 20.44 −33 34 42.5	18.6			0.19	H I 4102 H I 4340 He II 4686 O III 4959 O III 5007 H I 6563		494	493		1171 2056		761,1304sp, 1207,1261imag, 1526vlbi
1254+356 C	BF 36	12 54 47.4 35 36 35	12 57 9.66 35 20 22.9	18.60	.32	−.89	1.35	C III 1909 C II 2326 Mg II 2798			1115				1301ubv
1254+362 C	BF 38	12 54 48.5 36 16 9	12 57 10.47 35 59 56.9	19.60	.55	−.55	0.325				1230				1301ubv
1254+279 O		12 54 50.4 27 54 11	12 57 15.65 27 37 59.0	20.4			2.65 +	H I 1216 Si IV 1397		1029	1029			1029	8.32 arcmin from NGC 4839, 3.48 arcmin from NGC 4840, 5.45 arcmin from NGC 4842, 2118
1254+356 C	BF 41	12 54 51.6 35 37 47	12 57 13.84 35 21 35.0	19.62	.62	−.75	(1.03)				1230				1301ubv
1254+282 O		12 54 53.2 28 14 55	12 57 18.32 27 58 43.0	20.8			1.88	H I 1216 C IV 1549		1029	1029				8.18 arcmin from NGC 4828, 9.35 arcmin from NGC 4850, 2118
1254+370 C R	B 142 AB 62	12 54 54.99 37 3 27.4	12 57 16.60 36 47 15.5	17.84*	.50	−.80	(0.28)				178	490	1699		178ubv,1384ir
1254+360 C	BF 46	12 54 56.2 36 5 37	12 57 18.22 35 49 25.1	19.65	.33	−.83	1.50				1230				1301ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1255+370 R	B2 4C 36.22	12 55 1.89 37 0 40.7	12 57 23.49 36 44 28.9	17.8			0.284	O II 3727 O III 4363 H I 4861		1270	1047		1270 2060		1047FeIIem
1255+353 C	B 154 AB 64	12 55 2.14 35 21 20.6	12 57 24.46 35 5 8.8	18.83*	.32	−.70	(0.183)	O II 3727 O III 5007		179	179	875 1068 1902			178,179ubv, 853rnd 1902avg Bmag
1255+359 C X	BF 51	12 55 8.3 35 59 32	12 57 30.32 35 43 20.3	18.56	.05	−.67	0.53	Mg II 2798 Ne V 3426 NeIII 3869 H I 4340 H I 4861			1115				1115x,1301ubv
1255−316 R	PKS ON 392	12 55 15.19 −31 39 4.4	12 57 59.08 −31 55 16.2	18.7			1.924	H I 1216 N V 1240 C IV 1549 He II 1640 C III 1909		188	1251		1251 2056		1526vlbi, 1810pos, 2103pol
1255+278 O		12 55 20.0 27 48 20	12 57 45.21 27 32 8.5	19.4			1.52	C IV 1549		1029	1029				5.08 arcmin from NGC 4839, 5.77 arcmin from NGC 4840, 4.63 arcmin from NGC 4842, 2118
1255+282 O		12 55 24.4 28 15 57	12 57 49.44 27 59 45.6	20.8			2.11	H I 1216		1029	1029				3.07 arcmin from NGC 4850, 2118
1255+278 O		12 55 25.9 27 48 41	12 57 51.10 27 32 29.6	20.1			1.98			1029	1029				6.42 arcmin from NGC 4839, 6.33 arcmin from NGC 4840, 5.88 arcmin from NGC 4842, 2118
1255+372 C	B 185 AB 67	12 55 40.26 37 15 17.4	12 58 1.62 36 59 6.3	18.12	.30	−.76	1.53				346 178 490				178ubv,853rnd
1255+003 O	UM 531	12 55 44.2 0 23 24	12 58 17.90 0 7 12.8	18			2.08	H I 1216 O IV 1402 C IV 1549		922	922				
1255+356 O		12 55 46.8 35 36 0	12 58 8.86 35 19 49.0	20.6			2.04	H I 1216		1387	1387				
1256+287 O		12 56 4.1 28 43 27	12 58 28.87 28 27 16.3	20.4			2.25	H I 1216 C IV 1549		1029	1029				
1256+294 C	US 72 PB 3169	12 56 4.8 29 28 31	12 58 29.28 29 12 20.3	19.6 *	.20	−.40	1.252	C III 1909 Mg II 2798		1283	1116	1116			1283ubv
1256+357 C X R	B 194 AB 69 BF 71 5C12.89.4	12 56 7.84 35 44 53.7	12 58 29.77 35 28 43.0	18.24*	.40	−.76	1.894*	H I 1216 N V 1240 C IV 1549	1.8990 1.8965 1.8336 1.8036 1.5876 1.281	179 1387	571 179 184 1387 1901	490	853 1586 1846	184 560 571 1635 2228 2263	178,179ubv, 1115x,515fc 1902avg Bmag
1256+355 C	BF 72	12 56 10.9 35 32 18	12 58 32.91 35 16 7.4	19.62	−.07	−.40	1.75				1230				1301ubv
1256+357 O		12 56 11.8 35 47 0	12 58 33.70 35 30 49.4	21.2			1.97	H I 1216		1387	1387				
1256−220 R	PKS	12 56 13.97 −22 3 22.0	12 58 54.51 −22 19 32.7	20.0			1.306	C III 1909 Mg II 2798		412	1468		011 412 2056		1526vlbi
1256−175 R	PKS MC	12 56 16.97 −17 34 26.0	12 58 56.05 −17 50 36.6	18.4			2.059	H I 1216 C IV 1549 C III 1909		086 1445	1445		2056		

1993ApJS...87..451H

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1256+278 O		12 56 24.2 27 49 7	12 58 49.25 27 32 56.6	20.6			1.62	C IV 1549		1029	1029				7.98 arcmin from NGC 4854, 4.1arcmin from NGC 4853,2118
1256+280 O		12 56 44.7 28 3 37	12 59 9.61 27 47 27.0	21.0			2.66	H I 1216 C IV 1549		1029	1029				8.03 arcmin from NGC 4854, 8.17 arcmin from NGC 4869, 9.53 arcmin from NGC 4875 and NGC 4876, 2118
1256+368 C	B 189 AB 75	12 56 51.11 36 48 7.6	12 59 12.42 36 31 57.7	19.22	–.03	–.83	2.075	H I 1216 C IV 1549		179	179				178,179ubv, 853rnd
1256+281 X		12 56 53.2 28 9 54	12 59 18.05 27 53 44.2	19.5			0.384			1312	1312				1312x 4.23 arcmin from NGC 4875 and NGC 4876, 5.33 arcmin from NGC 4864, 6.18 arcmin from NGC 4867, 1.85 arcmin from NGC 4869, 5.0arcmin from NGC 4871, 5.15 arcmin from NGC 4872, 5.87 arcmin from NGC 4873, 5.83 arcmin from NGC 4974,2118
1256+284 O		12 56 55.7 28 29 45	12 59 20.42 28 13 35.2	19.2			2.16 +	H I 1216 C IV 1549		1029	1029			1029	7.58 arcmin from NGC 4881, 7.98 arcmin from NGC 4858, 6.45 arcmin from NGC 4860, 8.67 arcmin from NGC 4865, 2118
1256+277 O		12 56 58.5 27 43 30	12 59 23.50 27 27 20.3	20.2			2.00	H I 1216 C IV 1549		1029	1029				
1257+361 C	BF 92	12 57 6.1 36 7 29	12 59 27.66 35 51 19.4	19.53	.16		0.82				1230				1301ubv
1257+357 O		12 57 13.8 35 47 6	12 59 35.49 35 30 56.5	21.4			(2.24)	C IV 1549 C III 1909		1387	1387				
1257+287 O		12 57 26.6 28 43 39	12 59 51.15 28 27 29.8	19.6			2.99 +	H I 1216 C IV 1549		1029	1029			1029	
1257+346 C R	B 201 AB 78 5C12.121.1	12 57 26.68 34 39 31.4	12 59 48.82 34 23 22.2	16.99*	.26	–.82	1.375	C IV 1549 C III 1909 Mg II 2798		179	179	490	850 853 921 1699 1846	560	178,179ubv, 704,1202pol, 921,992ir, 873xnd,958, 2251sp, 958FeIIem, 921phot, 1941uv 1902avg Bmag
1257+355 O		12 57 31.8 35 31 6	12 59 53.55 35 14 56.9	20.9			2.04	H I 1216		1387	1387				
1257+359 C	BF 105	12 57 33.9 35 55 53	12 59 55.46 35 39 43.9	19.2	.64	–.51	(0.324)	Mg II 2798		1301	1070				1207,1261imag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1257+280 O		12 57 38.5 28 4 57	13 0 3.27 27 48 48.0	21.1			2.30	H I 1216		1029	1029				8.53 arcmin from NGC 4875 and NGC 4876, 9.72 arcmin from NGC 4894, 8.78 arcmin from NGC 4898, 2118
1257–230 R	PKS	12 57 43.94 –23 1 55.8	13 0 25.00 –23 18 4.8	18.5			2.28	H I 1216 C IV 1549		202	1302		011		
1257–165	R12.24	12 57 46.7 –16 32 9	13 0 25.57 –16 48 18.0	17.2 *			2.22			2277	2277				
1257+276 O		12 57 51.2 27 41 42	13 0 16.08 27 25 33.2	21.2			0.30	Mg II 2798		1029	1029				
1257+279 O		12 57 51.8 27 55 40	13 0 16.59 27 39 31.2	21.9			2.58	H I 1216		1029	1029				
1257+356 C	BF 112	12 57 53.7 35 38 57	13 0 15.32 35 22 48.3	19.62	.58	–.46	1.79				1230				1301ubv
1258+287 R X	5C4.105 A2 316 PB 3207 US 122 E CSO 781	12 58 4.29 28 46 17	13 0 28.73 28 30 8.5	17.38	.30	–.80	0.648	C II 2326 Mg II 2798 Ne V 3426 NeIII 3869		186 1283 2110	1255 084 187 1417		1888		873,1417x, 319ubv,516, 517fc, 2137Bmag, 2137varnd 9.22 arcmin from NGC 4896, 2118
1258+404 R	3CR 280.1 4C 40.32 NRAO 417 VR12.40.02	12 58 14.15 40 25 15.4	13 0 33.41 40 9 7.1	19.44	–.13	–.70	1.667	H I 1216 C IV 1549 He II 1640 O III 1663 C III 1909 Mg II 2798		008	102 2049 2281		128 462 775 787 917 1023 1111 1167 1804 1891 1996		008ubv, 1320rpol, 158fc, 2049noabs 1795rpol jet
1258+277 O		12 58 16.7 27 43 41	13 0 41.51 27 27 32.7	20.7			1.45			1029	1029				
1258+286 C	W 61972 A2 327 PB 3214 US 130	12 58 23.8 28 39 28	13 0 48.23 28 23 19.8	17.75*	.07	–1.12	1.922*	H I 1216 C IV 1549	1.8942 1.464	185 1283	009 1029 1255	185 2137		560 1635 2228 2263	185ubv,873xnd, 186,1029fc, 1586rnd 4.62 arcmin from NGC 4896, 2118
1258+281 O		12 58 27.2 28 8 27	13 0 51.83 27 52 18.9	21.0			1.92	H I 1216 C IV 1549		1029	1029				4.18 arcmin from NGC 4906, 4.75 arcmin from NGC 4911A 5.4arcmin from NGC 4911, 7.3 arcmin from NGC 4919, 7.2 arcmin from NGC 4921, 9.3 arcmin from NGC 4894, 8.72 arcmin from NGC 4898,2118
1258+342 O	KP 32	12 58 30.3 34 17 12	13 0 52.40 34 1 4.0	19.5			(1.8)			457	853				853rnd,873xnd
1258+340 C	B 246 AB 84	12 58 31.36 34 4 43.1	13 0 53.55 33 48 35.1	18.18*	–.07	–.60	0.69				346 178	490			178ubv,853rnd, 873xnd

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1258+285 C	US 136 PB 3216 A2 330 CSO 786 W 62385	12 58 37.1 28 35 56	13 1 1.52 28 19 48.1	17.4 *	.30		1.355	C IV 1549 C III 1909 Mg II 2798		1029 1283 2110	1255 1029	1967 2137			6.98 arcmin from NGC 4896, 2118
1258+356 C X	B 196 AB 86 BF 141	12 58 41.74 35 38 44	13 1 3.20 35 22 36.2	18.28	.38	−1.06	0.323				346 178				178ubv,1115, 1230x,853rnd
1258+016 O	UM 536	12 58 44.7 1 37 46	13 1 18.02 1 21 38.2	19.5			1.982	C IV 1549 C III 1909		922	1251 922				
1258+280 O		12 58 46.1 28 5 6	13 1 10.70 27 48 58.3	20.4			(1.93)	O VI 1034 H I 1216		1029	1029				9.38 arcmin from NGC 4906, 2.52 arcmin from NGC 4911A 4.15 arcmin from NGC 4911, 1.97 arcmin from NGC 4919, 4.98 arcmin from NGC 4921, 4.43 arcmin from NGC 4923, 2118
1258+359 O		12 58 48.8 35 57 12	13 1 10.09 35 41 4.3	21.2			2.40	C IV 1549 C III 1909		1387	1387				
1258+343 C	B 471 AB 87	12 58 49.5 34 22 38.1	13 1 11.50 34 6 30.4	17.66	.29	−.69	0.774				346 178				178ubv,853rnd, 873xnd
1258+286 R X	5C4.127 US 142 CBS 334	12 58 56.07 28 37 42.7	13 1 20.43 28 21 35.1	19			1.373	C IV 1549 O III 1663 C III 1909 Mg II 2798		187 2110	084 1029		1170		873x,1029fc
1258+342 O R	KP 33	12 58 59.6 34 16 32	13 1 21.61 34 0 24.5	19			1.93	H I 1216 C IV 1549		457	867 457		853		873xnd
1259+281 X		12 59 5.1 28 6 59	13 1 29.64 27 50 51.6	18.5			0.243			1312	1312				1312x 7.12 arcmin from NGC 4911A 8.73 arcmin from NGC 4911, 3.85 arcmin from NGC 4919, 2.4arcmin from NGC 4921, 0.92 arcmin from NGC 4923,2118
1259−226	M12.24	12 59 7.6 −22 36 19	13 1 48.67 −22 52 26.5	18.54			2.00			2277	2277				
1259+593 C	PG LB 2522	12 59 8.2 59 18 14	13 1 12.92 59 2 6.6	15.60			0.472	Mg II 2798 H I 4340		1117	1117				1598sp, 1688imag,1729, 2005ir,2112x 14.6 arcmin from Scd gal,0.0225 zgal,1650,2118 faint gals near,2118
1259+357 O		12 59 10.8 35 43 42	13 1 32.12 35 27 34.7	21.7			2.03	H I 1216		1387	1387				
1259+367 C	B 228 AB 89	12 59 20.88 36 46 1.8	13 1 41.69 36 29 54.7	17.83*	.36	−.64	1.194				346 178	490			178ubv,853rnd
1259+284 X		12 59 21.9 28 28 12	13 1 46.26 28 12 4.9	19.0			0.86			1312	1312				1312x

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1259-135 O	POX 104	12 59 24 -13 30 0	13 2 2.01 -13 46 7.1	17.5			2.387	H I 1216 N V 1240 Si IV 1397 C IV 1549		931	931				
1259+347 O	KP 34	12 59 24.8 34 42 41	13 1 46.54 34 26 34.0	18.5			2.08	H I 1216 C IV 1549		457	867 457				853rnd,873xnd
1259+357 C	BF 161	12 59 25.6 35 46 38	13 1 46.85 35 30 31.0	19.71	.44	-.79	2.04	C IV 1549 C III 1909		1387	1230 1387				1301ubv
1259+344 C	BSO 6 B 243 AB 90	12 59 30.92 34 27 8.8	13 1 52.75 34 11 1.9	18.36	.05	-1.01	1.956	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		179	179				178,179, 180ubv,853rnd, 873xnd 1902avg Bmag
1259+361 C X	BF 164	12 59 32.5 36 10 12	13 1 53.55 35 54 5.1	19.27	.36	-.39	0.69				1230				1230x,1301ubv
1259+355 O		12 59 34.8 35 31 6	13 1 56.14 35 14 59.2	20.0			1.90	H I 1216 C IV 1549 C III 1909		1387	1387				
1259+359 C	BF 166	12 59 39.1 35 55 50	13 2 0.23 35 39 43.3	18.12	.61	-.55	1.23	Mg II 2798			1115				1301ubv
1259+344 O	KP 35	12 59 44.2 34 25 46	13 2 6.00 34 9 39.4	19.1			2.82	O VI 1034 H I 1216		457	867				873xnd,853rnd
1259+361 C	BF 170	12 59 47.7 36 9 23	13 2 8.70 35 53 16.4	19.25	.18	-.27	1.76				1230				1301ubv
1300+360 C	BF 175	13 0 0.0 36 4 53	13 2 20.99 35 48 46.7	19.73	.05	-.38	(0.68)				1070				1301ubv
1300+345 O	KP 36	13 0 0.3 34 33 10	13 2 21.99 34 17 3.7	19.0			2.88	O VI 1034 H I 1216		457	867				873xnd,853rnd
1300+344 O	KP 37	13 0 12.5 34 27 33	13 2 34.20 34 11 26.9	19			1.70			457	867 457				853rnd,873xnd
1300+343 O	KP 38	13 0 14.8 34 21 3	13 2 36.54 34 4 57.0	20.5			(1.8)			457	853				853rnd,873xnd
1300+346 O	KP 39	13 0 31.9 34 41 16	13 2 53.43 34 25 10.3	20.0			(1.93)	H I 1216 C IV 1549		457	867				853rnd
1300-243 O R		13 0 36.7 -24 18 55.6	13 3 18.58 -24 35 1.4	17.85	.04	-.31	2.259	H I 1216 O I 1304 Si IV 1397 C IV 1549		409	409		1162		912xnd, 1485ubv
1300+284 C	US 189 A2 375 PB 3259 TON 694 W 62579 CSO 799	13 0 49.4 28 27 17	13 3 13.55 28 11 11.6	17.6 *	.40		1.302	C IV 1549 C III 1909 Mg II 2798		1283 2110	1255	1967 2137			9.83 arcmin from NGC 4943, 7.6arcmin from NGC 4944,2118
1300+347 O	KP 40	13 0 50.4 34 43 14	13 3 11.86 34 27 8.6	21.0			(1.9)			457	853				853rnd
1300+362 C	BF 202	13 0 50.6 36 12 39	13 3 11.36 35 56 33.6	19.76	.02	-.79	(1.93)	C IV 1549			1070				1301ubv
1301+359 C	BF 216	13 1 29.4 35 54 24	13 3 50.17 35 38 19.4	19.50	.30	-.47	(1.47)				1070				1301ubv
1301+307	W 33211 US 205 CSO 805	13 1 30.56 30 42 38.2	13 3 53.67 30 26 33.6	17.56	.09	-.77	1.700	H I 1216 C IV 1549		185 2110	1635 009			560 1635	185ubv,853rnd
1301+361 C	BF 219	13 1 38.4 36 8 30	13 3 59.03 35 52 25.6	19.62*	.05	-.38	(1.71)				1230	1353			1353ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1301+358	B 286	13 1 41.98	13 4 2.75	18.65*	.60	–.65	(0.327)				178	490			178,1353ubv,
C	AB 109	35 49 21.5	35 33 17.1								490				853rnd,1115x
X	BF 222														
1301+295	5C4.160	13 1 46.6	13 4 10.13	18.9 *	.30	–.20	1.519	C IV 1549		1283	1116	1116			1283ubv
C	US 211	29 35 47	29 19 42.7					C III 1909							
R															
1301+358	BF 225	13 1 49.8	13 4 10.52	19.60	.49	–.73	0.91				1230				1353ubv
C		35 52 56	35 36 51.8												
1301+316	US 216	13 1 54.0	13 4 16.63	19.5 *			1.289	C III 1909		1283	1116	1116			
C	PB 3276	31 40 6	31 24 1.9					Mg II 2798							
1301+356	BF 227	13 1 56.5	13 4 17.28	19.29	.60	–1.03	2.04			1301	1070				1301ubv
C		35 41 53	35 25 48.9												
1302+360	C 32	13 2 0.5	13 4 21.11	19.91*	.47	–.54	1.633				1353	1353			1353ubv
C		36 2 20	35 46 16.0												
1302+358	BF 230	13 2 4.3	13 4 25.00	18.77	.42	–.87	1.99	C IV 1549			1115				1301ubv
C		35 49 30	35 33 26.1					C III 1909			1230				
								C II 2326							
1302–034	PKS	13 2 8.71	13 4 43.64	19.31	.24	–.85	1.25	C IV 1549		026	436		789		436ubv,
R		–3 29 57.7	–3 46 1.6					C III 1909							1526vlbi
1302–125	POX 115	13 2 12	13 4 49.89	19.0			(2.294+	H I 1216		931	931			931	
O		–12 34 0	–12 50 3.9					N V 1240							
								C IV 1549							
1302+357	B 288	13 2 17.07	13 4 37.76	18.39*	.53	–.84	1.293				346	490			178ubv,853rnd
C	AB 115	35 45 11.4	35 29 7.7								178				
	BF 237										490				
1302+361	BF 247	13 2 44.4	13 5 4.82	19.15	.03	–.67	0.89				1070				1301ubv
C		36 7 24	35 51 20.9												
1302+366		13 2 48.9	13 5 9.03	20.5			3.00	H I 1216		1387	1387				
O		36 40 0	36 23 57.0												
1302–102	PKS	13 2 55.83	13 5 33.00	14.92*	.12	–.90	0.286	Mg II 2798		188	058	1201	1171		188,736ubv,
R	OP 106	–10 17 16.7	–10 33 19.7					O III 3133				2054	2011		1202pol,772,
X	PG							He II 3203					2056		1355,1693,
								O II 3727							1941,2061uv,
								NeIII 3869							940ext,1117sp,
								H I 4340							1487,2112x,
															780,1125,1729,
															2005ir,1207,
															1261,1700,
															2145imag,
															1222elp,
															1526vlbi,
															1789mm,
															1810pos,
															1942uvvar
															29.1 arcmin
															from NGC 4939,
															0.57 and 0.65
															arcmin from 2
															anon gals,
															1650,2118
1303+360	BF 262	13 3 10.3	13 5 30.66	19.63	.40	–.57	0.97				1230				1301ubv
C		36 3 17	35 47 14.4												
1303+366		13 3 11.1	13 5 31.15	20.5			2.13	H I 1216		1387	1387				
O		36 40 42	36 24 39.4												
1303+357	BF 263	13 3 11.9	13 5 32.41	19.93	.12	–.53	1.62				1230				1301ubv
C		35 44 5	35 28 2.4												
1303+362	BF 264	13 3 16.1	13 5 36.35	19.41	.15	–.71	1.35				1230				1301ubv
C		36 14 32	35 58 29.5												
1303+338	AB 122	13 3 21.61	13 5 42.99	18.07	.01	–.87	0.49				491				178ubv
C		33 51 45.7	33 35 43.3												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1303+358 C	BF 270	13 3 28.6 35 48 58	13 5 49.02 35 32 55.8	19.36	.22	−.60	(0.369)	Mg II 2798			1230 1070				1301ubv
1303+308 C	W 22722 PB 3296 US 256 CSO 814 BA 96	13 3 32.03 30 48 55.2	13 5 54.76 30 32 53.0	17.85*	.33	−.89	1.772*	H I 1216 Si IV 1397 C IV 1549 C III 1909	1.775 1.763 1.746 1.728 1.708 1.691 1.671 1.661 1.359	185 2110	1187 009 1901	185		560 1187 1710 2228 2263	185ubv,1187, 1208,1514BAL, 853,1213, 1586rnd, 1201pol, 873xnd,1941uv z(abs) 1.77– 1.55,1514
1303+357 C	BF 275	13 3 35.0 35 42 21	13 5 55.45 35 26 18.9	19.58	.03	−.67	1.45			1301	1070				1301ubv
1303+360 C	BF 281	13 3 44.1 36 0 1	13 6 4.38 35 43 59.1	19.56	.14	−.18	2.43	H I 1216			1353 1387				1353ubv, 1387fc
1303+297 O		13 3 47.95 29 46 3.6	13 6 11.09 29 30 1.8	19.0			0.71	C III 1909 Mg II 2798 O II 3727			1442				
1303+313 C	W 21541 PB 3304 LB 30 BA 16 US 262 CSO 815	13 3 54.28 31 21 31	13 6 16.70 31 5 29.3	17.72*	.13	−.94	(2.047)	H I 1216		185	009	185			185ubv,853rnd, 873xnd
1303+291 O		13 3 54.84 29 10 46.0	13 6 18.21 28 54 44.3	22.5			2.07	H I 1216			1442				9.25 arcmin from NGC 4966, 2118
1304+342 C X	AB 125 1E	13 4 3.08 34 17 50.8	13 6 24.12 34 1 49.3	17.97	.42	−.88	0.279	H I 4861 O III 4959 O III 5007		178 1269	491 1269				178ubv,1269x, 1910sp
1304+301 O		13 4 3.40 30 8 19.8	13 6 26.34 29 52 18.3	18.6			(3.03)	H I 1216			1442				
1304+296 O		13 4 11.09 29 40 44.7	13 6 34.21 29 24 43.3	19.1			1.96	H I 1216 C IV 1549			1442				
1304+310 C	US 272	13 4 12.1 31 5 29	13 6 34.59 30 49 27.7	18.7 *	.30	−.60	(0.422)	Mg II 2798		1283	1116	1116			1283ubv
1304+291 O		13 4 14.41 29 7 20.8	13 6 37.76 28 51 19.5	19.2			0.79	Mg II 2798 O II 3727			1442				
1304+295 O		13 4 19.96 29 34 10.4	13 6 43.10 29 18 9.2	20.6			(2.24)	H I 1216 C IV 1549 C III 1909			1442				
1304−107 O	POX 117	13 4 24 −10 47 0	13 7 1.41 −11 3 1.2	19.7			2.088	H I 1216 C IV 1549		931	931				
1304+293 O		13 4 28.34 29 22 7.7	13 6 51.54 29 6 6.7	20.4			0.26	Mg II 2798 O II 3727			1442				7.7arcmin from NGC 4966,2118
1304−318 R	PKS	13 4 29.62 −31 51 57.2	13 7 15.22 −32 7 58.3	19.5			1.211+	C III 1909 Mg II 2798		1004	1004		384 2056	1004	
1304+293 O		13 4 32.34 29 20 34.1	13 6 55.54 29 4 33.2	20.1			2.110	H I 1216 C IV 1549		2155	2155 1442				19.35Jmag,2155 8.3arcmin from NGC 4966,2118
1304−121 O	POX 123	13 4 36 −12 7 0	13 7 13.88 −12 23 0.9	18.0			2.289	H I 1216 C IV 1549		931	931				
1304+295 O		13 4 39.85 29 34 43.0	13 7 2.93 29 18 42.2	19.4			3.74	O VI 1034 H I 1216			1442				
1304+292 O		13 4 41.52 29 17 32.3	13 7 4.72 29 1 31.6	19.6			(0.29)	Mg II 2798 O II 3727			1442				
1304+300 O		13 4 43.7 30 2 42	13 7 6.57 29 46 41.3	19.6			2.72	H I 1216		1387	1387				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1304+293 O		13 4 46.34 29 22 8.1	13 7 9.50 29 6 7.5	20.1			(3.05)	H I 1216			1442				
1304+346 C	B 340 MKN 64 AB 133	13 4 48.01 34 40 24.2	13 7 8.73 34 24 23.6	16.97*	.41	−.74	0.189	Mg II 2798 Ne V 3426 H I 4340 O III 4363 H I 4861 O III 5007 H I 6563		179	179 334	490			178,179ubv, 704,1202pol, 1382mm, 1259imag,850, 853,921rnd, 921,992, 1617ir,819ext, 921phot,334, 958sp, 958FeIIem,297, 518fc
1304+296 C	KKC 1	13 4 49.59 29 38 46.5	13 7 12.62 29 22 45.9	22.29			1.97			1453	1746				1765Jmag
1304+374 C	B 312 AB 134	13 4 52.08 37 28 38.3	13 7 11.37 37 12 37.8	19.26*	.14	−.67	(0.45)	Mg II 2798 Ne V 3426		179	179	490 1068			178,179ubv, 853rnd 1902avg Bmag
1304+294 O		13 4 56.02 29 25 40.6	13 7 19.13 29 9 40.2	23.4			2.65	O VI 1034 H I 1216			1442				
1304+296 O		13 4 59.24 29 40 49.3	13 7 22.23 29 24 48.9	20.7			(3.36)	O VI 1034 H I 1216			1442				
1304+298 O		13 4 59.58 29 49 43.4	13 7 22.50 29 33 43.0	20.2			0.78	C III 1909 Mg II 2798			1442				
1305+295 O		13 5 9.54 29 31 45.6	13 7 32.57 29 15 45.4	20.8			(2.86)	H I 1216			1442				
1305+299 O		13 5 17.58 29 54 43.4	13 7 40.42 29 38 43.4	20.6			2.79	H I 1216 C IV 1549			1442				
1305+295 C	KKC 9	13 5 19.64 29 35 35.4	13 7 42.61 29 19 35.5	*			2.46			1453	1453 1746	1453			22.17Jmag,1453
1305+296 O		13 5 19.70 29 38 6.6	13 7 42.65 29 22 6.7	21.0			(3.32)	H I 1216			1442				
1305+069 R	3C 281 4C 06.45 OP 009 NRAO 419 PKS DA 337	13 5 22.48 6 58 12.9	13 7 53.95 6 42 13.0	17.02	.13	−.59	0.602	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869		008	085 436		775 789 1476		008ubv,156, 1201pol,1188, 1467sp, 1320rpol, 1688imag faint gals near,2118
1305+301 O		13 5 23.38 30 11 28.7	13 7 46.08 29 55 28.8	18.6			1.55	C IV 1549 C III 1909			1442				
1305+364 C R	B 330 AB 141	13 5 24.65 36 25 21.2	13 7 44.37 36 9 21.4	18.01	.31	−.66	0.92				346 178 490		1699		178ubv,853rnd
1305+297 O		13 5 26.26 29 42 35.4	13 7 49.16 29 26 35.6	20.6			2.20	H I 1216 C IV 1549 C III 1909			1442				
1305+298 C	US 303 KKC 10	13 5 26.56 29 49 3.2	13 7 49.41 29 33 3.4	20.1 *	.50	−.40	0.991	C III 1909 Mg II 2798		1283 1453 2155	1116 1453 2155	1116 1453			1283ubv FeII multi- plets 62 and 63; 20.30Jmag, 2155
1305+001 O	UM 545	13 5 27.5 0 11 3	13 8 1.25 −0 4 56.8	18			2.11	H I 1216 C IV 1549		922	922				
1305+352 C R	B 337 AB 142	13 5 29.33 35 17 41.1	13 7 49.61 35 1 41.4	17.62*	.67	−1.39	0.30				346 178 490	490	1699		178ubv,853rnd
1305+283 O		13 5 32.3 28 19 24	13 7 55.79 28 3 24.3	19.9			2.43	H I 1216		1387	1387				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1305+297 O		13 5 36.56 29 44 48.3	13 7 59.42 29 28 48.7	20.1			2.25	C IV 1549 C III 1909			1442				
1305+297 O		13 5 40.94 29 46 20.8	13 8 3.78 29 30 21.3	19.3			(3.24)	H I 1216			1442				
1305+301 O	US 308 BA 179 PB 3336 CSO 822	13 5 41.46 30 6 27.7	13 8 4.15 29 50 28.2	18.2			(1.79)	H I 1216		2110	1442				
1305+293 O		13 5 42.99 29 22 51.7	13 8 5.99 29 6 52.2	19.9			3.07	H I 1216 C IV 1549			1442				
1305+296 C	KC 8 B1 KKC 16	13 5 43.24 29 38 37.8	13 8 6.13 29 22 38.4	22.23*			2.54			1453	1453 1746	1453			1453Jmag
1305+298 C	US 310 KKC 19	13 5 45.68 29 50 47.7	13 8 8.47 29 34 48.3	19.7			1.180	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1453 2155	1453 1442 2155				19.60Jmag,2155
1305+293 C	KKC 21	13 5 46.17 29 21 55.3	13 8 9.17 29 5 55.9	22.44			1.30			1453	1746				1765Jmag
1305+296 C	KC 18 KKC 22	13 5 49.20 29 41 12	13 8 12.05 29 25 12.7	19.17*	.39	.63	3.07			1311 1387 1453	946 1387 1442 1453	946 1453			946ubv zero proper motion,946
1305+295 C	KKC 23	13 5 49.24 29 30 57.7	13 8 12.17 29 14 58.4	21.86			1.45			1453	1746				1765Jmag
1305+296 C	KC 8 B2 KKC 25	13 5 50.34 29 38 42.6	13 8 13.21 29 22 43.3	20.94*	.07	–.72	1.54			1311 1453	946 1453	946 1453			946ubv zero proper motion,946
1305+296 O		13 5 50.58 29 36 42.7	13 8 13.46 29 20 43.4	19.5			(2.90)	H I 1216			1442				
1305+298 O	CSO 823	13 5 50.85 29 48 55.7	13 8 13.64 29 32 56.4	17.7			2.95	H I 1216 C IV 1549		2110	1442				
1305+295 C	KKC 27	13 5 52.80 29 32 10.8	13 8 15.71 29 16 11.6	21.13			0.96			1453	1746				1453Jmag
1305+295 O C	US 314 KKC 28 KC 22	13 5 53.25 29 35 16.8	13 8 16.14 29 19 17.6	19.6 *	.06	–1.03	1.740	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640		1387 1453 2155	1442 1387 1453 2155	1453			946ubv zero proper motion,946 19.14Jmag,2155
1305+302 O		13 5 57.6 30 12 6	13 8 20.20 29 56 6.9	21.0			1.71	C IV 1549 C III 1909		1387	1387				
1306+280 O		13 6 0.0 28 2 12	13 8 23.55 27 46 12.9	19.7			2.49	H I 1216		1387	1387				
1306+296 C	KKC 30	13 6 0.46 29 38 32.6	13 8 23.30 29 22 33.5	22.02*			2.15			1453	1746 1453	1453			1453Jmag
1306+297 C	KKC 31 KC 11B1	13 6 1.57 29 46 34.9	13 8 24.35 29 30 35.8	21.09			0.91			1453	1746				1765Jmag
1306+293 O C	KKC 32	13 6 2.28 29 23 44.8	13 8 25.23 29 7 45.8	19.8 *			2.270	H I 1216 C IV 1549		1387 1453 2155	1387 1442 1453 2155	1453			20.38Jmag,2155
1306+295 C	KC 6 B7 KKC 34	13 6 4.33 29 31 23.6	13 8 27.22 29 15 24.6	20.48*	.26	–.89	2.300			1311 2155	946 2155	946			946ubv zero proper motion,946 21.10Jmag,2155
1306+303 C	W 23694 PB 3344 US 317 BA 182 CSO 825	13 6 7.2 30 21 38.6	13 8 29.70 30 5 39.7	17.17	.42	–.69	0.806	C III 1909 Mg II 2798		185 1283	009 1255				185ubv,853rnd, 2137varnd

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1306+294 C	KKC 35	13 6 7.48 29 24 42.6	13 8 30.41 29 8 43.7	22.02			3.12			1453	1453 1746				1453Jmag
1306+296 C	KKC 36	13 6 7.56 29 41 0.2	13 8 30.37 29 25 1.3	22.28			0.95			1453	1746				1765Jmag
1306+295 C	KC F5 KKC 37	13 6 9.23 29 35 10.3	13 8 32.08 29 19 11.4	20.48*			1.820			1453 2155	1453	1453			1453Jmag zero proper motion,946;
1306−251	M12.30	13 6 16.7 −25 8 48	13 8 59.65 −25 24 46.8	18.7			2.1			2277	2277				
1306+297 C	KKC 45	13 6 19.36 29 46 41.7	13 8 42.09 29 30 43.0	22.25			1.14			1453	1746				1765Jmag
1306+293 O		13 6 19.94 29 18 4.2	13 8 42.88 29 2 5.5	17.5			2.16	H I 1216 C IV 1549			1442				
1306+297 O C	KKC 46	13 6 20.6 29 44 42	13 8 43.34 29 28 43.3	21.0			0.95			1387 1453	1746				
1306+276 C	US 323	13 6 24.0 27 39 59	13 8 47.65 27 24 0.4	18.5 *	0.00	−.40	0.462	Mg II 2798		1283	1116	1116			1283ubv, 1967phot 30.68 arcmin from 3C 284, 2118
1306+294 C	KC 5 C7 KKC 50	13 6 26.77 29 28 42.8	13 8 49.62 29 12 44.3	20.35*	−.02	−.98	1.820	H I 1216 Si IV 1397 C IV 1549 C III 1909		1311 1453 2155	1442 946 1453 2155	946 1453			946ubv, 2155Jmag zero proper motion,946
1306+293 O		13 6 27.44 29 20 18.9	13 8 50.35 29 4 20.4	20.9			0.24	Mg II 2798 O II 3727			1442				
1306+274 R	OP 211 PB 3348 B2	13 6 33 27 24 12	13 8 56.74 27 8 13.6	18.5			1.537+	C IV 1549 C III 1909		009	009			009	
1306+293 O		13 6 36.39 29 21 56.2	13 8 59.26 29 5 57.9	17.6			0.74	C III 1909 Mg II 2798			1442				
1306+298 C	KKC 55	13 6 41.31 29 52 34.0	13 9 3.94 29 36 35.8				1.09			1453	1453				20.23Jmag,1453
1306+295 C	KKC 56	13 6 41.95 29 33 27.1	13 9 4.72 29 17 28.9	21.1 *			2.13	C IV 1549 C III 1909		1387 1453	1442 1387 1453	1453			22.25Jmag,1453
1306+297 C	KKC 58	13 6 43.61 29 43 45.7	13 9 6.30 29 27 47.5				1.09			1453	1453 1746				22.07Jmag,1453
1306+300 O		13 6 47.00 30 5 13.7	13 9 9.52 29 49 15.6	17.7			(0.67)	Mg II 2798 O II 3727			1442				
1306+298 O C	KKC 63	13 6 47.40 29 51 22.9	13 9 10.02 29 35 24.8				1.50			1453	1746				21.17Jmag,1453
1306+301 O		13 6 47.40 30 8 44.0	13 9 9.89 29 52 45.9	18.1			(3.16)	H I 1216 C IV 1549			1442				
1306+295 C	KC 89 KKC 64	13 6 49.07 29 31 50.2	13 9 11.84 29 15 52.1	*			1.06			1453	1453	1453			20.59Jmag,1453 zero proper motion, 946;
1306+297 O		13 6 50.09 29 46 59.1	13 9 12.74 29 31 1.1	17.6			2.82	O VI 1034 H I 1216			1442				
1306+296 O		13 6 50.10 29 36 18.2	13 9 12.83 29 20 20.2	19.5			(0.72)	Mg II 2798 O II 3727			1442				
1306+350 C	B 382 NAB AB 147	13 6 54.22 35 1 8.5	13 9 14.36 34 45 10.6	17.55*	.50	−.95	0.194	Mg II 2798 H I 4340		016	016 178 346	490			178ubv,853rnd

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1306+295 C	KKC 67	13 6 57.74 29 30 55.8	13 9 20.49 29 14 57.9	*			1.28			1453	1453 1746	1453			22.32Jmag,1453
1307-163 O		13 7 0.47 -16 18 8.7	13 9 40.03 -16 34 6.6	19.35			0.688	Mg II 2798		2155	2154				2154fc, 2155Jmag
1307+295 O		13 7 0.89 29 32 17.8	13 9 23.62 29 16 20.0	22.4			(0.21)	Mg II 2798 O III 5007			1442				
1307+294 C	KKC 68	13 7 3.70 29 27 44.2	13 9 26.46 29 11 46.5	*			1.32			1453	1453 1746	1453			21.95Jmag,1453
1307+293 O		13 7 4.32 29 19 34.9	13 9 27.14 29 3 37.2	21.5			2.42	H I 1216 C IV 1549			1442				
1307+121 BL Lac R	4C 12.46 OP 112 MC 2	13 7 4.37 12 10 22.9	13 9 33.96 11 54 25.1	18.5 *	.53	-.51				343 634		323	789 826 1086		323ubv,121sp, 2112x
1307+298 O		13 7 12.57 29 53 43.8	13 9 35.11 29 37 46.2	20.7			(3.18)	H I 1216 C IV 1549			1442				
1307+085 C X R	PG	13 7 16.2 8 35 47	13 9 47.04 8 19 49.5	15.28			0.155	H I 4861 O III 4959 O III 5007		1117	1117		2011		1487,1678, 2112x,1598sp, 1700imag, 1701uv,1729, 2005ir compan gal, 1788,2118
1307+297 O		13 7 16.92 29 45 50.1	13 9 39.51 29 29 52.6	22.0			2.61	O VI 1034 H I 1216			1442				
1307+294 O		13 7 17.59 29 29 32.8	13 9 40.30 29 13 35.4	19.6			1.79	H I 1216 C III 1909			1442				
1307-159 O		13 7 17.9 -15 57 59	13 9 57.36 -16 13 56.5				2.363+	H I 1216 Si IV 1397 O IV 1402 C IV 1549		2155	2154			2154	2154fc
1307-158 O		13 7 27.86 -15 52 4.5	13 10 7.29 -16 8 1.8	18.23			0.465	Mg II 2798 Ne V 3426		2155	2154				2154fc, 2155Jmag
1307+296 C	KKC 77	13 7 36.51 29 38 46.1	13 9 59.10 29 22 49.1	21.02			2.87			1453	1746				1765Jmag
1307+181 O	KP 41	13 7 36.6 18 9 39	13 10 3.94 17 53 42.0	21			(1.9)			457	853 457				853rnd
1307+296 O	CSO 832	13 7 38.83 29 39 4.0	13 10 1.41 29 23 7.0	16.6			(2.95)	H I 1216 Si IV 1397 O IV 1402 He II 1640		2110	1442				
1307+298 O		13 7 50.0 29 50 36	13 10 12.46 29 34 39.2	20.2			2.42	C IV 1549 C III 1909		1387	1387				9.22 arcmin from NGC 5004C 2118
1307+298 O		13 7 54.35 29 50 51.4	13 10 16.80 29 34 54.7	18.5			(1.81)	H I 1216 C IV 1549 He II 1640			1442				
1307+297 O		13 7 58.36 29 42 55.2	13 10 20.86 29 26 58.6	18.6			(3.09)	H I 1216			1442				
1308+301 O	CSO 835 US 367	13 8 1.07 30 11 30.4	13 10 23.34 29 55 33.9	17.4			(0.71)	Mg II 2798		2110	1442				
1308+284 O	US 370	13 8 5.2 28 24 36	13 10 28.27 28 8 39.6	18.1			0.52	Mg II 2798		1387	1387				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1308+326 BL Lac R X	B2 OP 313 GC US 371 CSO 836	13 8 7.59 32 36 39.8	13 10 28.70 32 20 43.4	19 *			0.996*	Mg II 2798 Ne V 3426	0.879	113 2110	553 2281	667 755 970 1068 1328 1802 2174	790 837 955 1084 1100 1152 1160 1212 1367 1543 1557 1771 1790 1794 1807 1930 2144	552 553 2228 2263	856,1013,1026, 1407phot,1164, 1357,1649, 1971mf, 1388rpol,1086, 1336rvar,1348, 1679uv,955, 1057,1088, 1307,2107, 2112x,808,856, 900,1098,1201, 1226,1541, 1730,2046, 2103pol, 1108absr,1012, 1141,1144, 1580,1589ir, 1028,1789mm, 1526,1919vlbi IRAS source, 1806; 2144poss rvar
1308+296 O		13 8 7.88 29 37 21.3	13 10 30.40 29 21 24.9	20.2			(3.00)	H I 1216 C IV 1549			1442				
1308–164 O		13 8 8.11 –16 26 54.5	13 10 47.82 –16 42 50.9	18.75			0.863	Mg II 2798		2155	2154				2154fc, 2155Jmag
1308–160 O		13 8 10.90 –16 0 37.9	13 10 50.45 –16 16 34.3	19.81			0.561	Mg II 2798 Ne V 3426		2155	2154				2154fc, 2155Jmag
1308+284 O		13 8 13.3 28 28 12	13 10 36.33 28 12 15.8	20.5			1.87	C IV 1549 C III 1909		1387	1387				
1308+382 C R	B 360 AB 154	13 8 16.63 38 12 42.1	13 10 34.79 37 56 45.9	17.56	.41	–.62	2.09				346 178 490		853		178ubv
1308–011 O		13 8 21.28 –1 11 29.6	13 10 55.51 –1 27 25.7	18.7			1.003			2183	2183				2183B(J)mag
1308+286 O		13 8 27.4 28 39 18	13 10 50.31 28 23 22.1	21.5			2.39	H I 1216 C IV 1549 C III 1909		1387	1387				25 arcsec from anon gal,1387, 2118
1308+182 R	4C 18.36 OP 115	13 8 29.47 18 15 33.8	13 10 56.69 17 59 37.9	17.5 *			1.677*	H I 1216 Si IV 1397 C IV 1549 C III 1909	1.4447	129	1635 100	506 753	789 1586 1818 1891	560 1635 2228 2263	1617ir 1795rpol jet
1308+287 O		13 8 30.3 28 44 6	13 10 53.16 28 28 10.1	21.5			3.17	H I 1216		1387	1387				
1308+007 O		13 8 34.87 0 47 48.0	13 11 8.41 0 31 52.2	18.6			0.428			2183	2183				2183B(J)mag
1308+283 O		13 8 35.4 28 23 12	13 10 58.41 28 7 16.2	22.0			2.43	H I 1216		1387	1387				
1308+294 C	US 383	13 8 38.6 29 25 21	13 11 1.13 29 9 25.3	18.4 *	.50	.50	(0.749)	Mg II 2798		1283	1116	1116			1283ubv FeII multi- plets 60,62, 63,1116
1308–022 O		13 8 40.24 –2 14 51.1	13 11 14.85 –2 30 46.8	18.7			2.850+			2183	2183				2183B(J)mag Ly limit abs, 2183
1308+297 O		13 8 41.92 29 42 9.1	13 11 4.31 29 26 13.5	17.4			1.85	H I 1216 C IV 1549			1442				8.9arcmin from NGC 5004C,2118
1308–135 O		13 8 43.99 –13 33 13.5	13 11 22.66 –13 49 9.1	20.09			(0.855)	Mg II 2798		2155	2154				2154fc, 2155Jmag
1308–010 O		13 8 44.97 –1 4 36.2	13 11 19.17 –1 20 31.8	18.1			2.585			2183	2183				2183B(J)mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	z	VAR	R	ABS	NOTES
1308+183	KP 43	13 8 46.9	13 11 14.05	18.5			1.55			457	853				853rnd
O		18 21 52	18 5 56.5												
1308+011		13 8 47.70	13 11 21.11	18.1			1.074			2183	2183				2183B(J)mag
O		1 9 15.7	0 53 20.2												
1308+017		13 8 50.77	13 11 23.99	18.8			0.507			2183	2183				2183B(J)mag,
O		1 42 39.8	1 26 44.3												2183neml
1308+010		13 8 54.88	13 11 28.31	18.8			2.801			2183	2183				2183B(J)mag
O		1 5 25.9	0 49 30.5												
1309−056		13 9 0.74	13 11 36.54	17.44	.41	−.37	2.188*	H I 1216	2.1640	409	409			1000	1201,1202pol,
O		−5 36 43.4	−5 52 38.7					N V 1240	2.1534		1187			1110	780,1983ir,
X								C IV 1549	2.1325		1479			1187	912,1488,
								C III 1909	2.0440		2281			2228	1980x,1187,
								Mg II 2798	1.968					2263	1208,1514BAL,
															1485ubv,
															1941uv,
															1924BALvar
															z(abs) 2.06−
															1.88, 1514
1309+388	NGC 5112	13 9 9	13 11 26.63	19.5			0.949			948	948				
C	UB1	38 48 0	38 32 5.0												
1309+378	B 503	13 9 13.95	13 11 32.11	17.65*	.08	−.57	0.54				178	490	1699		178ubv,853rnd
C	BSO 3	37 50 3.3	37 34 8.4												
R	AB 163														
1309−160		13 9 14.03	13 11 53.69	20.33			1.870	C IV 1549		2155	2154				2154fc,
O		−16 5 57.3	−16 21 52.3					C III 1909							2155Jmag
1309+340	BSO 8	13 9 16.86	13 11 37.04	17.43*	.36	−.77	1.035	C III 1909		179	178	490			180,490ubv,
C	B 427	34 2 44.5	33 46 49.6					Mg II 2798			179				853rnd
	AB 162										490				
											1635				
1309+287		13 9 20.3	13 11 43.03	22.0			2.0	H I 1216		1387	1387				
O		28 45 12	28 29 17.2												
1309+288		13 9 46.9	13 12 9.54	20.0			2.33	C IV 1549		1387	1387				
O		28 48 42	28 32 47.8					C III 1909							
1309−216	MC	13 9 49.6	13 12 31.54	18.9 *			*		1.489	671		671	1961	671	781ir,1800pol,
BL Lac R	PKS	−21 40 29.6	−21 56 23.8						1.361				2056	2228	2112x
														2263	
1309+286		13 9 52.6	13 12 15.31	20.5			1.60	C IV 1549		1387	1387				
O		28 37 36	28 21 41.9					C III 1909							
1309+355	PG	13 9 58.5	13 12 17.78	15.45			0.184	H I 4340		168	1117		2011		1598sp,1729,
C	TON 1565	35 31 15	35 15 21.1					H I 4861							2005ir,2112x
R								O III 5007							81.7 arcmin
															from NGC 5033,
															1650; faint
															gals near,2118
1309+298	US 415	13 9 59.8	13 12 21.90	18.8 *	.40	−.60	0.247	O II 3727		1283	1116	1116			1283ubv
C	PB 3388	29 53 41	29 37 47.1					NeIII 3869							
	HS 355							H I 4102							
								H I 4340							
								H I 4861							
								O III 5007							
1310+286		13 10 0.1	13 12 22.76	21.5			2.31	C IV 1549		1387	1387				
O		28 41 24	28 25 30.1					C III 1909							
1310+281		13 10 11.5	13 12 34.37	20.5			2.20	H I 1216		1387	1387				
O		28 9 42	27 53 48.4												
1310−025		13 10 16.98	13 12 51.71	18.4			0.871			2183	2183				2183B(J)mag
O		−2 31 44.9	−2 47 38.5												
1310−135		13 10 27.78	13 13 6.56	20.00			1.618	C IV 1549		2155	2154				2154fc,
O		−13 32 37.5	−13 48 30.8					C III 1909							2155Jmag
1310+285		13 10 31.9	13 12 54.56	20.5			0.10	C IV 1549		1387	1387				
O		28 30 36	28 14 42.8					C III 1909							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1310−136 O		13 10 54.48 −13 40 34.6	13 13 33.34 −13 56 27.3	19.17			1.521	C IV 1549 C III 1909		2155	2154				2154fc, 2155Jmag
1311−270 R	PKS	13 11 2.9 −27 0 55.9	13 13 47.32 −27 16 48.5	17.43	.37	−.42	2.199*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909	1.6860 1.5155 0.7033 −.0001	433	761 432 2049 2199 2281		432 1818 1891 2056	1000 1747 2049 2228 2263	761,1000, 1304sp, 1485ubv, 1818pos 4 arcsec from gal,0.201zgal, 2199
1311+013 O		13 11 19.47 1 21 4.0	13 13 52.80 1 5 11.9	18.7			1.536			2183	2183				2183B(J)mag
1311+362 C X	BSO 11 B 416 AB 168	13 11 19.51 36 15 40.7	13 13 38.12 35 59 48.6	18.82*	.06	−.85	2.084*	H I 1216 N V 1240 C IV 1549	2.028	179	179 073	490		073 2263	178,179, 180ubv,1005x, 853rnd 1902avg Bmag
1311−029 O		13 11 26.14 −2 57 51.6	13 14 1.04 −3 13 43.6	18.5			1.300			2183	2183				2183B(J)mag
1311+015 O		13 11 32.12 1 31 38.8	13 14 5.38 1 15 46.9	18.4			0.781			2183	2183				2183B(J)mag
1311+022 O		13 11 53.50 2 17 7.5	13 14 26.48 2 1 16.1	17.0			0.306			2183	2183				2183B(J)mag
1312+043 O		13 12 4 4 22 0	13 14 36.22 4 6 8.9	18			2.355	LYB 1026 H I 1216 N V 1240 C IV 1549		496	496				
1312+275 O		13 12 17.4 27 30 40	13 14 40.27 27 14 49.2	18.8			2.09	H I 1216 C IV 1549		1029	1029				
1312+270 O		13 12 46.0 27 5 56	13 15 8.99 26 50 5.9	21.1			(2.09)	H I 1216		1029	1029				
1312+274 O		13 12 50.4 27 27 47	13 15 13.21 27 11 57.0	21.1			2.47	H I 1216		1029	1029				
1312−155 O		13 12 50.62 −15 31 53.4	13 15 30.35 −15 47 43.5	18.89			2.095	H I 1216 N V 1240 C IV 1549		2155	2154				2154fc, 2155Jmag
1313−017 O		13 13 4.19 −1 42 56.7	13 15 38.65 −1 58 46.4	18.8			1.498			2183	2183				2183B(J)mag
1313−156 O		13 13 4.60 −15 40 56.8	13 15 44.41 −15 56 46.6	20.59			2.297+	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		2155	2154			2154	2154fc, 2155Jmag
1313−158 O		13 13 11.86 −15 48 50.9	13 15 51.73 −16 4 40.5	19.90			0.310	Mg II 2798 Ne V 3426 O II 3727 He 3970 H I 4340 O III 4363 H I 4861		2155	2154				2154fc, 2155Jmag
1313−153 O		13 13 15.17 −15 22 44.1	13 15 54.87 −15 38 33.6	18.47			2.721+	O VI 1034 H I 1216 Si IV 1397 O IV 1402 C IV 1549		2155	2154			2154	2154fc, 2155Jmag
1313−024 O		13 13 15.36 −2 28 8.5	13 15 50.10 −2 43 58.0	18.6			0.704			2183	2183				2183B(J)mag
1313+003 O		13 13 18.94 0 20 44.3	13 15 52.63 0 4 54.9	18.3			0.735			2183	2183				2183B(J)mag
1313+273 O		13 13 19.9 27 20 53	13 15 42.70 27 5 3.6	19.4			2.11	H I 1216 C IV 1549		1029	1029				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1313-333	PKS	13 13 20.09	13 16 8.04	20.0 *			1.21	C III 1909		384	1004	1004	384		1004rvar,847,
R	OP 322	-33 23 10.5	-33 38 59.9					Mg II 2798					2056		1004fc,
															1526vlbi
1313+011		13 13 25.56	13 15 58.94	18.2			1.569			2183	2183				2183B(J)mag
O		1 11 1.1	0 55 11.9												
1313-158		13 13 26.88	13 16 6.80	19.09			(0.740)	Mg II 2798		2155	2154				2154fc,
O		-15 52 51.0	-16 8 40.2												2155Jmag
1313+272		13 13 28.3	13 15 51.13	21.7			(2.26)	H I 1216		1029	1029				
O		27 13 38	26 57 48.8												
1313+178		13 13 29.6	13 15 56.53	20.3			1.95			2278	2278				2278uv
R		17 52 34	17 36 44.9												
1313+422	NGC 5055	13 13 35	13 15 49.40	18.3			0.91			540	540				5.25 arcmin
C	UB 1	42 17 48	42 1 59.0												from anon gal,
															15.5vgal,24.62
															arcmin from
															NGC 5055,2118
1313-016		13 13 35.29	13 16 9.72	17.7			0.406			2183	2183				2183B(J)mag
O		-1 38 15.0	-1 54 4.0												
1313-153		13 13 40.5	13 16 20.22	20.7			2.736+	H I 1216		2155	2154			2154	2154fc,
O		-15 21 36	-15 37 24.9												2154Bmag
1313-018		13 13 49.79	13 16 24.32	18.2			0.15			2183	2183				2183B(J)mag
O		-1 53 56.5	-2 9 45.2												
1313-154		13 13 53.53	13 16 33.29	19.74			2.604+	O VI 1034		2155	2154			2154	2154fc,
O		-15 24 45.3	-15 40 33.9					H I 1216							2155Jmag
								N V 1240							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
1313-157		13 13 55.02	13 16 34.90	20.00			1.459	C IV 1549		2155	2154				2154fc,
O		-15 42 12.6	-15 58 1.2					C III 1909							2155Jmag
1313+011	UM 556	13 13 57.04	13 16 30.44	18.1			2.393	H I 1216		922	2183				
O		1 7 14.7	0 51 26.2					C IV 1549			922				
1313+200		13 13 58.64	13 16 24.61	18.5			2.461*	H I 1216	2.4684	476	476			476	
R		20 2 52.5	19 47 4.0					N V 1240	2.465		2049			2049	
								Si IV 1397	1.7900		2281			2228	
								O IV 1402	1.4305					2263	
								C IV 1549							
								O III 1663							
								C III 1909							
1314-157		13 14 4.6	13 16 44.50	20.1			1.812	C IV 1549		2155	2154				2154fc,
O		-15 42 47	-15 58 35.4					C III 1909							2154Bmag
1314-156		13 14 10.7	13 16 50.58				0.544	Mg II 2798		2155	2154				2154fc
O		-15 39 34	-15 55 22.2												
1314-157		13 14 12.09	13 16 51.99	19.41			1.457+	C IV 1549		2155	2154			2154	2154fc,
O		-15 42 21.8	-15 58 10.0					C III 1909							2155Jmag
1314-001		13 14 14.07	13 16 47.95	18.1			1.746			2183	2183				2183B(J)mag
O		-0 8 45.3	-0 24 33.4												
1314+274		13 14 19.1	13 16 41.71	20.7			2.24	H I 1216		1029	1029				
O		27 26 25	27 10 37.0					C IV 1549							
1314+012	UM 557	13 14 40.87	13 17 14.21	18.6			2.686+	H I 1216		922	2183				2183BAL
O		1 16 1.2	1 0 13.7								922				
1314-158		13 14 42.97	13 17 22.98	20.36			2.140	H I 1216		2155	2154				2154fc,
O		-15 52 13.3	-16 8 0.7					N V 1240							2155Jmag
								Si IV 1397							
								O IV 1402							
								C IV 1549							
1314+270		13 14 45.3	13 17 8.06	21.4			0.27	Mg II 2798		1029	1029				
O		27 0 30	26 44 42.6												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1314–022 O		13 14 51.38 –2 16 4.0	13 17 26.06 –2 31 51.2	18.5			1.089			2183	2183				2183B(J)mag
1314–025 O		13 14 53.86 –2 32 13.1	13 17 28.65 –2 48 0.3	18.8			1.435			2183	2183				2183B(J)mag
1314–315	K08.03	13 14 57.0 –31 31 9	13 17 44.24 –31 46 56.1	18.2			3.10			2277	2277				
1315–140	R13.07	13 15 5.5 –14 1 9	13 17 44.78 –14 16 55.9	16.7 *			0.43			2277	2277				
1315–154 O		13 15 9.4 –15 24 4	13 17 49.25 –15 39 50.8	21.5			2.169	H I 1216 C IV 1549		2155	2154				2154fc, 2154Bmag
1315+000 O		13 15 11.08 0 2 56.5	13 17 44.88 –0 12 50.3	18.1			0.916			2183	2183				2183B(J)mag
1315+302 C	US 519 PB 3471 HS 200 CSO 865	13 15 16.3 30 12 12	13 17 37.41 29 56 25.4	18.4 *	0.00	–.40	1.752	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1283 2110	1116	1116 1967			1283ubv
1315+346 R	OP 326 GV 172 B2	13 15 17.8 34 41 3	13 17 36.51 34 25 16.4	19			1.05	C IV 1549 C III 1909 Mg II 2798		113	443		1145 1167 2060		831sp, 1526vlbi
1315+272 O		13 15 18.3 27 13 50	13 17 40.87 26 58 3.4	19.9			1.77	H I 1216 C IV 1549		1029	1029				
1315+270 O		13 15 20.7 27 2 12	13 17 43.36 26 46 25.5	20.7			1.47	C IV 1549		1029	1029				
1315+605 O	SBS 21	13 15 24 60 32 0	13 17 19.31 60 16 13.4	18			1.981	H I 1216 Si IV 1397 C IV 1549		1285	1285				
1315+018 O		13 15 28.62 1 50 8.8	13 18 1.74 1 34 22.5	18.6			(0.538)			2183	2183				2183B(J)mag
1315+014 O	UM 561	13 15 37.5 1 27 26	13 18 10.76 1 11 39.9	17			2.23	C IV 1549 He II 1640 C III 1909		922	2130 LBQS 2183				
1315+016 O		13 15 41.94 1 40 37.6	13 18 15.12 1 24 51.6	18.0			0.689			2183	2183				2183B(J)mag
1315+002 O		13 15 44.01 0 14 0.2	13 18 17.74 –0 1 45.8	18.8			0.889			2183	2183				2183B(J)mag
1315+473 O	PC	13 15 52.2 47 22 16	13 18 2.17 47 6 30.2	18.01			2.592	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1546	1546				
1315+271 O		13 15 56.8 27 11 51	13 18 19.30 26 56 5.4	18.9			2.20	H I 1216 C IV 1549 He II 1640		1029	1029				
1316+003 O		13 16 6.51 0 23 21.3	13 18 40.18 0 7 35.9	17.9			0.491			2183	2183				2183B(J)mag
1316+010 O		13 16 10.43 1 3 18.3	13 18 43.84 0 47 33.0	18.5			0.394			2183	2183				2183B(J)mag
1316+272 O		13 16 24.1 27 13 37	13 18 46.52 26 57 52.0	20.9			(1.93)	H I 1216		1029	1029				
1316+273 O		13 16 26.9 27 23 0	13 18 49.24 27 7 15.1	21.2			1.60	C IV 1549		1029	1029				
1316+269 O		13 16 28.4 26 57 27	13 18 50.94 26 41 42.1	21.0			1.91	H I 1216 C IV 1549		1029	1029				
1316+007 O		13 16 34.58 0 44 29.5	13 19 8.11 0 28 44.8	18.8			1.129			2183	2183				2183B(J)mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1316−075		13 16 48.4	13 19 25.19	16.49			0.538			2280	2280				
		−7 34 43	−7 50 27.4												
1316+270		13 16 51.4	13 19 13.84	20.0			2.26	H I 1216		1029	1029				
O		27 3 38	26 47 53.7					C IV 1549							
1317−005	PKS	13 17 4.75	13 19 38.79	17.32	.52	−.62	0.892*	C III 1909	0.87	083	2183		128	083	083ubv,551sp,
R	4C 00.50	−0 33 56.2	−0 49 40.2					Mg II 2798			083		789	2228	693fc,
								Ne V 3426			436		1111		1526vlbi
								O II 3727					1877		18.2B(J)mag,21
1317−017		13 17 15.81	13 19 50.30	17.3			0.225			2183	2183				2183B(J)mag
O		−1 42 20.3	−1 58 4.0												
1317−122	IE	13 17 18	13 19 56.69	18.3			0.33			1696	1696	2174			10 arcsec from
X		−12 13 0	−12 28 43.7												anon gal,16
															vgal,1696,2118
1317+277	TON 153	13 17 34.24	13 19 56.25	15.98	.14	−.78	1.022	C III 1909		144	151			560	704,1202pol,
C	US 572	27 43 52	27 28 8.7					Mg II 2798		2110					850,853,
	CSO 873														921rnd,921,
															992ir,921phot,
															958,2251sp,
															958FeIIem,
															1628,1941,
															2061uv
1317+380	B3	13 17 36.2	13 19 52.44	18.6			0.835	Mg II 2798		1990	2270				
R		38 3 7	37 47 23.7					O II 3727							
								NeIII 3869							
1317+520	4C 52.27	13 17 41.13	13 19 46.18	17			1.055	C IV 1549		100	100		534		1202pol
R	OP 530	52 3 51.6	51 48 8.4					C III 1909			2251		1111		
	LHE 340							Mg II 2798					1145		
													1166		
1317−003		13 17 46.30	13 20 20.25	17.8			0.354			2183	2183				2183B(J)mag
O		−0 18 44.7	−0 34 27.7												
1317+275		13 17 50.2	13 20 12.28	19.4			2.06 +	H I 1216		1029	1029			1029	
O		27 30 29	27 14 46.1					C IV 1549							
								He II 1640							
1317−020		13 17 53.02	13 20 27.66	18.8			2.422			2183	2183				2183B(J)mag
O		−2 4 30.3	−2 20 13.1												
1317−051		13 17 54.07	13 20 29.93	17.7	1.56	1.63	3.70			2063	2063				2063rmag
O		−5 7 51.9	−5 23 34.7												
1318+010		13 18 4.10	13 20 37.53	18.6			1.101			2183	2183				2183B(J)mag
O		1 0 23.1	0 44 40.5												
1318+473	PC	13 18 15.3	13 20 24.59	18.70			1.081	C III 1909		1546	1546				
O		47 20 30	47 4 47.7					Mg II 2798							
1318−007		13 18 22.26	13 20 56.36	17.8			0.11			2183	2183				2183B(J)mag
O		−0 42 3.4	−0 57 45.5												
1318+269		13 18 26.2	13 20 48.49	19.9			1.91	C IV 1549		1029	1029				
O		26 55 2	26 39 20.0												
1318−113	POX 166	13 18 30.96	13 21 9.38	17.86	−.05	−.41	2.308	H I 1216		409	409				1485ubv
O		−11 23 49.7	−11 39 31.6					N V 1240			931				
								Si IV 1397							
								C IV 1549							
1318−001		13 18 34.74	13 21 8.61	18.5			1.582			2183	2183				2183B(J)mag
O		−0 6 31.4	−0 22 13.2												
1318+270		13 18 35.4	13 20 57.58	19.7			2.30	H I 1216		1029	1029				
O		27 5 51	26 50 9.2					C IV 1549							
1318+025		13 18 39.47	13 21 12.30	18.8			1.650			2183	2183				2183B(J)mag
O		2 30 12.5	2 14 30.8												
1318+269		13 18 46.6	13 21 8.84	18.9			1.97 +	H I 1216		1029	1029			1029	
O		26 55 30	26 39 48.5					C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1318+113 R	4C 11.45 PKS OP 131 DA 342 MC 2	13 18 49.63 11 22 31.5	13 21 18.86 11 6 50.1	19.13*	.12	−.57	2.175*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 C III 1909	1.8755 1.0541 0.8388	050	121 2049	506	128 462 789 1778 1818 1891	2049 2263	121ubv, 2266imag,155, 343fc 1795rpol jet 2236sp of fuzz
1318−018 O		13 18 53.27 −1 50 41.4	13 21 27.83 −2 6 22.7	18.7			2.010			2183	2183				2183B(J)mag
1318+290 C X	TON 155 PB 3520 US 611 CSO 878	13 18 53.65 29 3 30.3	13 21 14.78 28 47 49.0	16.98	.12	−.90	1.703*	C IV 1549 C III 1909	1.6724 1.5158	144 2110	189			560 1635 2228 2263	704,1202pol, 1337ubv,1355, 1693,1941uv, 1018phot, 831sp,850, 853rnd,696, 912,1488x, 992ir 1902avg ph mag
1318+290 C	TON 156 PB 3521 US 613 CSO 879	13 18 54.78 29 3 0.6	13 21 15.92 28 47 19.3	16.34*	.08	−.66	0.549	Mg II 2798 H I 4861		144 2110	189	753		560 1635	704,1202pol, 1337ubv,921, 1018phot,831, 1188,1420sp, 921ir,853, 921rnd,912xnd, 696x, 1420FeIIem, 1797elp, 1941uv 1902avg ph mag
1318+270 O		13 18 58.6 27 2 49	13 21 20.75 26 47 7.8	19.1			2.07 +	H I 1216 C IV 1549		1029	1029			1029	
1319−014 O		13 19 4.79 −1 24 13.5	13 21 39.18 −1 39 54.5	17.8			0.14			2183	2183				2183B(J)mag
1319+006 O	UM 569	13 19 6.0 0 39 38	13 21 39.56 0 23 57.0	16			1.617	C IV 1549 C III 1909		922	2130 LBQS 2183				
1319+388 C	NGC 5107 UB 1	13 19 9 38 48 0	13 21 24.43 38 32 19.0	19.5			0.949			948	948				12.67 arcmin from NGC 5112, 0.67 arcmin from NGC 5107, 2118
1319−003 O		13 19 14.14 −0 19 35.6	13 21 48.10 −0 35 16.4	18.6			1.161			2183	2183				2183B(J)mag
1319+005 O		13 19 32.59 0 33 41.1	13 22 6.19 0 18 0.8	18.0			0.536			2183	2183				2183B(J)mag
1319−011 O		13 19 40.74 −1 6 55.9	13 22 15.01 −1 22 36.0	18.7			1.452			2183	2183				2183B(J)mag
1319+011 O		13 19 41.46 1 10 1.2	13 22 14.81 0 54 21.1	18.8			2.151			2183	2183				2183B(J)mag
1320−005 O		13 20 1.92 −0 33 32.2	13 22 35.97 −0 49 11.8	18.5			1.144			2183	2183				2183B(J)mag
1320−141 O	POX 174	13 20 6 −14 11 0	13 22 45.70 −14 26 39.5	19.5			2.486	H I 1216 C IV 1549		931	931				
1320−106 O	POX 175	13 20 18 −10 38 0	13 22 56.20 −10 53 39.2	19.5			3.110+	H I 1216 Si IV 1397 C IV 1549		931	931			931	1092ir
1320+008 O		13 20 41.01 0 48 30.9	13 23 14.51 0 32 52.3	18.2			1.955			2183	2183				2183B(J)mag
1320−001 O		13 20 49.90 −0 6 16.2	13 23 23.77 −0 21 54.6	18.2			1.388			2183	2183				2183B(J)mag
1320+010 O		13 20 59.64 1 3 29.6	13 23 33.03 0 47 51.5	18.1			1.777			2183	2183				2183B(J)mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1321+294 C	TON 157	13 21 0.3 29 25 44.8	13 23 20.92 29 10 6.7	16.83	.08	-.74	0.966	C III 1909 Mg II 2798		144	151 2251				704,1202pol, 850,853, 921rnd,921, 992ir,921phot
1321-022 O		13 21 2.35 -2 13 15.8	13 23 37.09 -2 28 53.9	18.8			0.990			2183	2183				2183B(J)mag
1321-017 O		13 21 18.27 -1 45 24.4	13 23 52.82 -2 1 2.1	17.7			0.224			2183	2183				2183B(J)mag
1321+058		13 21 48.5 5 52 40	13 24 19.89 5 37 3.1	19.0			0.190			1860	1860				IRAS source 1860
1321-095 O	POX 184	13 21 54 -9 35 0	13 24 31.83 -9 50 36.7	19.0			2.332	H I 1216 Si IV 1397 C IV 1549		931	931				
1322+659 C R	PG	13 22 8.5 65 57 25	13 23 49.56 65 41 48.2	15.86	.17	-.92	0.168	H I 4861		1117	1117		2011		1598ubv, 1598sp,2005ir, 2112x compan gal, 1788,2118
1322-014 O		13 22 29.74 -1 28 53.5	13 25 4.18 -1 44 29.3	18.6			1.168			2183	2183				2183B(J)mag
1322-295	K08.01	13 22 30.8 -29 34 53	13 25 18.22 -29 50 28.8	17.64			2.44			2277	2277				
1322+019 O		13 22 38.42 1 54 31.7	13 25 11.45 1 38 56.1	18.8			1.344			2183	2183				2183B(J)mag
1322-020 O		13 22 53.21 -2 4 14.6	13 25 27.90 -2 19 49.8	18.5			0.573			2183	2183				2183B(J)mag
1323+020 O		13 23 8.53 2 5 46.2	13 25 41.48 1 50 11.4	18.5			0.641			2183	2183				2183B(J)mag
1323-107 O	POX 188	13 23 24 -10 42 0	13 26 2.39 -10 57 34.4	17.0			2.360	H I 1216 C IV 1549		931	931				
1323-028 O		13 23 40.11 -2 48 24.6	13 26 15.12 -3 3 58.6	17.4			2.121			2183	2183				2183B(J)mag
1323+024 O		13 23 48.10 2 25 41.8	13 26 20.90 2 10 8.0	18.8			1.537			2183	2183				2183B(J)mag
1323+655 R	4C 65.15	13 23 48.49 65 30 46.6	13 25 29.63 65 15 12.5	17.8			1.624*	C IV 1549 He II 1640 O III 1663 C III 1909 Mg II 2798	1.6101 1.5181	507	580 2049 2281		534 1804 1818 1891	2049 2263	1003sp 1795rpol jet
1323-016 O		13 23 59.09 -1 38 59.0	13 26 33.62 -1 54 32.5	18.1			1.146			2183	2183				2183B(J)mag
1324-022 O		13 24 3.34 -2 12 27.3	13 26 38.10 -2 28 0.6	18.5			1.886			2183	2183				2183B(J)mag
1324+021 O		13 24 10.68 2 7 43.8	13 26 43.60 1 52 10.6	18.6			0.20			2183	2183				2183B(J)mag
1324-011 O		13 24 31.53 -1 8 42.8	13 27 5.85 -1 24 15.4	18.2			0.17			2183	2183				2183B(J)mag
1324-014 O		13 24 35.12 -1 25 5.4	13 27 9.55 -1 40 37.9	18.4			1.488			2183	2183				2183B(J)mag
1324+014 O		13 24 37.89 1 25 43.2	13 27 11.11 1 10 10.8	18.7			0.970			2183	2183				2183B(J)mag
1324+006 O		13 24 39.30 0 39 47.6	13 27 12.84 0 24 15.2	18.2			1.061			2183	2183				2183B(J)mag
1324+014 O		13 24 50.82 1 26 57.1	13 27 24.03 1 11 25.0	18.1			0.864			2183	2183				2183B(J)mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1325+004 O		13 25 16.81 0 27 29.1	13 27 50.44 0 11 57.7	18.7			2.540			2183	2183				2183B(J)mag
1325-289 O		13 25 31.2 -28 56 26	13 28 18.72 -29 11 57.0	18.5	.20		1.412			1799	1799				75.5 arcmin from NGC 5236, 1799,2118
1325-006 O		13 25 37.25 -0 38 11.6	13 28 11.35 -0 53 42.4	18.6			0.957			2183	2183				2183B(J)mag
1325+021 O		13 25 38.08 2 7 54.9	13 28 10.99 1 52 24.1	18.6			1.464			2183	2183				2183B(J)mag
1325-298 O		13 25 47.0 -29 49 28	13 28 35.07 -30 4 58.6	19.1	.40		1.963			1799	1799				69.17 arcmin from NGC 5236, 1799,2118
1325-012 O		13 25 59.78 -1 13 47.2	13 28 34.14 -1 29 17.4	16.6			0.15			2183	2183				2183B(J)mag
1326+021 O	UM 579	13 26 10.5 2 6 48	13 28 43.41 1 51 18.1	17			1.43	C III 1909 Mg II 2798		922	2130 LBQS 2183				
1326-028 O		13 26 14.93 -2 49 21.1	13 28 49.99 -3 4 50.9	18.7			1.406			2183	2183				2183B(J)mag
1326-029 O		13 26 20.86 -2 57 2.5	13 28 55.97 -3 12 32.2	18.1			0.743			2183	2183				2183B(J)mag
1326-052		13 26 52.5 -5 16 7	13 29 28.64 -5 31 35.8	15.59			0.580			2280	2280				
1327+009 O		13 27 10.92 0 55 34.1	13 29 44.34 0 40 5.8	18.3			2.299			2183	2183				2183B(J)mag
1327-214 R	PKS OP 246	13 27 23.36 -21 26 33.8	13 30 7.11 -21 42 1.7	16.62*	-.02	-.55	0.528	Mg II 2798 Ne V 2974 Ne V 3345 Ne V 3426 O II 3727 NeIII 3869 H I 4102 H I 4340 O III 4363		191	101	190 745	128 775 1591 2056		056,190, 1485ubv,886ir, 761,1188, 1304sp, 1526vlbi, 2145imag
1327-206 R	PKS	13 27 24.44 -20 40 49.1	13 30 7.80 -20 56 17.0	17.04	.63	-.69	1.169*	C III 1909 C II 2326 Mg II 2798	0.8534 0.8528 0.0175 0.0000	421	1304 418		2056	1143 1734 2075 2228 2263	761,1143sp, 1143fc, 1485ubv, 1641imag, 1851absr, 2174varnd 38 arcsec from ESO 1327-2041, 0.0182zgal, 1143,1641,1650 2118,2248
1327-311 R	PKS	13 27 29.6 -31 7 46	13 30 18.71 -31 23 13.7	17.4			1.335	C III 1909 Mg II 2798 Ar IV 2854 Ar IV 2869 Mg V 2931		494	1304 500		384 2056		1004fc,761sp, 1526vlbi
1327+113 O		13 27 34.41 11 21 42.1	13 30 3.17 11 6 14.5	18.2			2.919+	O VI 1034 H I 1216 C IV 1549		1440	1440			1440	
1328+023 O		13 28 15.65 2 23 18.4	13 30 48.42 2 7 51.9	18.7			2.154			2183	2183				2183B(J)mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1328+254 R X	3CR 287 4C 25.43 NRAO 424 OP 247 PKS DA 345	13 28 15.93 25 24 37.4	13 30 37.70 25 9 10.9	17.67	.63	–.65	1.055	C IV 1549 C III 1909 Mg II 2798		136	012		128 462 801 1393 1544 1891 2013 2015 2056		066,136ubv, 1201,2103pol, 750pos,1107x, 1336rvar, 1526vlbi, 1805mm,158, 182,521fc
1328+007 O		13 28 18.89 0 47 45.7	13 30 52.37 0 32 19.3	18.4			1.446			2183	2183				2183B(J)mag
1328–263 R	PKS	13 28 25.3 –26 23 49	13 31 11.81 –26 39 15.2	17.59	.42	–.66	(0.883)	Mg II 2798		433	432		432 2056		1485ubv
1328+315 X	E	13 28 33 31 35 13	13 30 51.18 31 19 46.9	18.0	.10		0.241	H I 4861 O III 5007		1417	1417				1417x,1910sp
1328+307 R X	3CR 286 4C 30.26 NRAO 425 OP 348 B2 DA 346 CTA 60	13 28 49.67 30 45 58.6	13 31 8.30 30 30 33.0	17.25	.26	–.91	0.849*	C III 1909 Mg II 2798 Mg II 2804 Ne V 3345 Ne V 3426	0.6924	067	154 192 193 194		128 462 490 801 816 833 834 882 1148 1393 1544 1557 1721 1804 1891 1996 2000 2013 2092	195 196 489 743 2228 2263	066,067ubv, 071,1201, 2103pol,195, 1108absr, 1336rvar, 749pos,1060, 1526vlbi,1107, 1980x,113,161, 295fc,324, 335sp,1789, 1805mm, 2161rpol
1328–034 R	PKS	13 28 53.90 –3 25 48.6	13 31 29.27 –3 41 14.0	19.18			1.352	C IV 1549 C III 1909 C II 2326		026	436		351 1527		
1328–173 O		13 28 54.3 –17 21 0	13 31 36.14 –17 36 25.4	18.6	.90		0.329			1799	1799				29.33 arcmin from NGC 5170, 1799,2118
1328+020 O		13 28 58.67 2 5 12.4	13 31 31.57 1 49 47.1	18.1			0.692			2183	2183				2183B(J)mag
1329–287 O		13 29 4.3 –28 47 59	13 31 52.27 –29 3 24.1	19.0	.20		2.089			1799	1799				52.33 arcmin from NGC 5236, 1799,2118
1329+027 O		13 29 25.20 2 42 6.4	13 31 57.82 2 26 41.8	17.8			1.583			2183	2183				2183B(J)mag
1329–049 R	PKS OP 050	13 29 29.5 –4 54 12	13 32 5.54 –5 9 36.4	18.5			2.15	C IV 1549 C III 1909		522	2151		522		011fc
1329+025 O		13 29 29.80 2 31 17.5	13 32 2.50 2 15 53.1	18.8			2.434			2183	2183				2183B(J)mag
1329+412 C R	PG	13 29 29.9 41 17 23	13 31 41.19 41 1 58.5	16.30			1.937*	Si IV 1397 O IV 1402 C IV 1549 C III 1909	1.9405 1.8401 1.8359 1.6010 1.4716 0.5009	1117	1872 1117 2281		2011	1872 1873 2228 2263	1598sp,1729, 2005ir,2112x faint gals near,1260,2118
1329+003 O		13 29 41.34 0 18 17.4	13 32 15.03 0 2 53.3	18.2			2.352			2183	2183				2183B(J)mag
1329–018 O		13 29 48.70 –1 51 0.8	13 32 23.37 –2 6 24.7	18.6			0.370			2183	2183				
1330–010 O		13 30 13.65 –1 5 56.1	13 32 47.98 –1 21 19.3	18.7			1.898			2183	2183				2183B(J)mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1330+011		13 30 21.15	13 32 54.46	18.2	1.02	.99	3.51			2063	2063				2063rmag
O		1 8 14.0	0 52 51.0												
1330+129	H1340+007	13 30 28.50	13 32 56.37				2.273	H I 1216		2279	2279				
		12 54 54.1	12 39 31.3					C IV 1549							
1330-019		13 30 44.79	13 33 19.51	18.8			0.889			2183	2183				2183B(J)mag
O		-1 56 53.6	-2 12 15.9												
1330+012		13 30 48.60	13 33 21.87	18.1			1.511			2183	2183				2183B(J)mag
O		1 13 47.8	0 58 25.6												
1331+170	MC 3	13 31 10.1	13 33 35.89	16.71	.13	-.84	2.084*	H I 1216	2.0504	020	1872		1170	197	1202pol,1628,
R	PB 3977	17 4 25	16 49 3.4					N V 1240	1.7852		020		1395	198	1941uv,912,
X	OP 151							O I 1304	1.7755		569		1818	1000	1980x,582,
								Si IV 1397	1.4462		2281			1637	1000,1138,
								O IV 1402	1.3273					1747	1242,2224sp,
								C IV 1549	0.9539					1872	554,1108absr,
								C III 1909	0.7443					1873	197,343fc,
									-.0001					1969	1485ubv,
														2116	1526vlbi,
														2228	1983ir
														2263	damped Ly
															alpha,z=
															1.7755,198
1331+025	PKS	13 31 17.7	13 33 50.35	18.85	.19	-.85	1.228	C IV 1549		026	436		351		436ubv,
R		2 34 0.1	2 18 38.7					He II 1640							2183pos
								C III 1909							22.88 arcmin
															from 3C 287.1,
															2118
1331+277	RS 13	13 31 29.83	13 33 49.85	17.94	.47	-.71	1.287	C III 1909		199	018				062,199ubv,
C		27 45 33	27 30 11.9					C II 2326							853rnd
								Mg II 2798							
1331-011	UM 587	13 31 53.66	13 34 28.02	17.9			1.883+	H I 1216		922	2183				2183BAL
O		-1 8 29.0	-1 23 49.3					O IV 1402			922				
1331+267		13 31 57.9	13 34 18.43	19.5			1.102	C IV 1549		2052	2052				
O		26 45 46	26 30 25.7					C III 1909							
								Mg II 2798							
1331+281		13 31 58.3	13 34 18.02	19.8			0.993	C III 1909		2052	2052				
O		28 8 41	27 53 20.7					Mg II 2798							
1331-013		13 31 58.73	13 34 33.20	18.3			0.289			2183	2183				2183B(J)mag
O		-1 23 5.6	-1 38 25.8												
1332+375	E	13 32 4.0	13 34 17.59	18.2			0.438	H I 4861		1417	1417				1417x
X		37 30 51	37 15 30.9					O III 5007							
1332+280		13 32 11.4	13 34 31.16	20.3			1.706	H I 1216		2052	2052				
O		28 2 1	27 46 41.1					C IV 1549							
								C III 1909							
1332+552	4C 55.27	13 32 15.83	13 34 11.65	16 *			1.250*	C IV 1549	1.208	133	460	1201	775	460	1202pol,334sp,
R	OP 554	55 16 45.6	55 1 25.6					C III 1909	0.374		133			1725	2174varnd
	LB 685							Mg II 2798			2281			2228	5 arcsec from
								Mg II 2804						2263	gal A,14.6
															arcsec from
															gal B,0.373
															zgals,1725,
															2118,2262
1332+266		13 32 16.9	13 34 37.44	20.2			2.083	H I 1216		1903	2033				
O		26 40 16	26 24 56.3					C IV 1549							
1332+282		13 32 17.0	13 34 36.60	20.0			2.958	H I 1216		1903	2033				
O		28 16 57	28 1 37.3					C IV 1549							
1332+275		13 32 18.2	13 34 38.21	19.6			0.618	Mg II 2798		1903	2033				
O		27 34 18	27 18 58.3												
1332+275		13 32 23.9	13 34 43.90	19.2			1.866	H I 1216		1903	2033				
O		27 34 14	27 18 54.5					C IV 1549							
								C III 1909							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1332+276		13 32 27.8	13 34 47.74	19.7			1.251	C IV 1549		1903	2033				
O		27 39 35	27 24 15.6					C III 1909							
								Mg II 2798							
1332+274		13 32 43.2	13 35 3.20	20.1			1.515	C IV 1549		1903	2033				
O		27 29 58	27 14 39.0					C III 1909							
								Mg II 2798							
1332+270		13 32 45.1	13 35 5.36	19.8			1.322	C IV 1549		1903	2033				
O		27 2 36	26 47 17.1					C III 1909							
								Mg II 2798							
1332+269		13 32 47.7	13 35 8.02	19.6			0.938	C III 1909		1903	2033				
O		26 56 22	26 41 3.2					Mg II 2798							
1332+273		13 32 47.9	13 35 7.98	20.4			0.962	C III 1909		1903	2033				
O		27 20 20	27 5 1.2					Mg II 2798							
1332+279		13 32 50.1	13 35 9.83	18.7			1.731	H I 1216		1903	2033				
O		27 55 17	27 39 58.2					C IV 1549							
								C III 1909							
								Mg II 2798							
1332+261		13 32 50.6	13 35 11.34	18.6			2.503*	H I 1216	2.498	2052	2052			2052	
O		26 11 55	25 56 36.3					Si IV 1397						2263	
								O IV 1402							
								C IV 1549							
1332–007		13 32 51.79	13 35 25.97	17.4			0.671			2183	2183				2183B(J)mag
O		–0 45 10.0	–1 0 28.7												
1332+277		13 32 51.9	13 35 11.73	18.8			2.079	H I 1216		1903	2033				
O		27 44 48	27 29 29.3					C IV 1549							
								C III 1909							
1332+282		13 32 52.3	13 35 11.86	19.4			2.425	H I 1216		1903	2033				
O		28 12 4	27 56 45.3					C IV 1549							
								C III 1909							
1332+269		13 32 54.0	13 35 14.28	19.5			1.784	H I 1216		1903	2033				
O		26 59 5	26 43 46.4					C IV 1549							
								C III 1909							
1332–019		13 32 54.35	13 35 29.11	17.5			0.11			2183	2183				2183B(J)mag
O		–1 59 41.3	–2 14 59.9												
1333+265		13 33 0.6	13 35 21.12	19.5			2.585	H I 1216		1903	2033				
O		26 32 48	26 17 29.6					C IV 1549							
1333+015		13 33 1.71	13 35 34.82	17.9			1.577+			2183	2183			2183	2183B(J)mag
O		1 33 23.8	1 18 5.4												
1333+270		13 33 1.9	13 35 22.10	19.7			1.556	C IV 1549		1903	2033				
O		27 4 36	26 49 17.6					C III 1909							
1333+283		13 33 4.2	13 35 23.62	19.6			0.904	C III 1909		1903	2033				
O		28 23 52	28 8 33.7					Mg II 2798							
1333+275		13 33 4.4	13 35 24.32	19.9			0.878	C III 1909		1903	2033				
O		27 32 34	27 17 15.7					Mg II 2798							
1333+260		13 33 10.5	13 35 31.27	19.2			1.182	C IV 1549		2052	2052				
O		26 4 36	25 49 17.8					C III 1909							
								Mg II 2798							
1333+260		13 33 13.6	13 35 34.37	19.3			1.179	C IV 1549		2052	2052				
O		26 3 42	25 48 23.9					C III 1909							
								Mg II 2798							
1333+276		13 33 15.5	13 35 35.33	20.1			2.348	H I 1216		1903	2033				
O		27 39 36	27 24 18.0					C IV 1549							
1333–298		13 33 15.7	13 36 4.96	18.9	.50		1.906			1799	1799				12.5 arcmin
O		–29 53 8	–30 8 25.9												from NGC 5236,
															1799,2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1333+459 R	S4 GC	13 33 15.73 45 57 56.4	13 35 21.99 45 42 38.3	18.5			2.450	O VI 1034 H I 1216 C IV 1549 He II 1640		510	1443		1521 2139 2162		1526vlbi
1333+276 O		13 33 16.2 27 36 36	13 35 36.06 27 21 18.0	19.0			0.783	C III 1909 Mg II 2798		1903	2033				
1333+260 O		13 33 18.7 26 4 26	13 35 39.45 25 49 8.1	18.3			0.414	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4102 H I 4340		2052	2052				
1333+283 O		13 33 20.3 28 20 19	13 35 39.71 28 5 1.1	19.6			1.095	C IV 1549 C III 1909 Mg II 2798		2052	2052				
1333+283 O		13 33 26.8 28 21 4	13 35 46.19 28 5 46.3	19.2			2.96	H I 1216 C IV 1549 C III 1909		1903	2033				
1333+277 O		13 33 28.5 27 43 48	13 35 48.26 27 28 30.4	19.9			1.331	C IV 1549 C III 1909 Mg II 2798		1903	2033				
1333+262 O		13 33 29.9 26 17 59	13 35 50.49 26 2 41.4	20.3			1.899	H I 1216 C IV 1549 C III 1909		1903	2033				
1333+265 O		13 33 30.4 26 33 12	13 35 50.85 26 17 54.4	17.8			1.651	C IV 1549 C III 1909		2052	2052				
1333+281 O		13 33 34.8 28 8 36	13 35 54.30 27 53 18.5	19.2			1.886+	H I 1216 C IV 1549 C III 1909		1903	2033				2033BAL
1333+176 C X R	PG PB 4007	13 33 36.7 17 40 31	13 36 1.98 17 25 13.6	15.64			0.554	Mg II 2798 O II 3727		1117	1117		2011		1487,1980, 2112x,1598sp, 1688imag,1729, 2005ir 13.4 arcmin from E-SO gal, 0.0227zgal, 16.8 arcmin from SO gal, 0.0231zgal, 1650,2118; faint gals near,2118
1333+267 O		13 33 39.7 26 43 45	13 36 0.02 26 28 27.7	19.7			1.936	H I 1216 C IV 1549 C III 1909		1903	2033				
1333+262 O		13 33 42.0 26 17 47	13 36 2.57 26 2 29.8	20.4			1.926	H I 1216 C IV 1549		1903	2033				
1333+035 X	1E	13 33 42 3 34 0	13 36 14.16 3 18 42.8	17.98			0.85			1696	1696				41 arcsec from ZWG 1333.8+ 0335,0.024zgal 14.9vgal,1696, 2118
1333+277 O		13 33 43.1 27 43 4	13 36 2.83 27 27 46.8	19.4			1.116	C IV 1549 C III 1909		1903	2033				
1333+284 O		13 33 46.6 28 28 36	13 36 5.87 28 13 18.9	18.8			2.388	H I 1216 C IV 1549		1903	2052				
1333+016 O		13 33 48.16 1 37 38.8	13 36 21.23 1 22 21.8	18.3			0.896			2183	2183				2183B(J)mag
1333+274 O		13 33 51.6 27 25 25	13 36 11.49 27 10 8.0	17.7			2.425	H I 1216 C IV 1549 C III 1909		1903	2033				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1333+278		13 33 52.0	13 36 11.61	17.9			0.264	Mg II 2798		1903	2033				brighter of
O		27 52 59	27 37 42.1												pair 5 arcsec
															apart, 2033
1333+272		13 33 52.3	13 36 12.28	20.4			0.56	Mg II 2798		1903	2033				
O		27 15 51	27 0 34.1												
1333+286	RS 23	13 33 54.2	13 36 13.33	18.74	.19	-1.05	1.908*	H I 1216	1.873	199	073			073	199ubv,1208,
C		28 40 15.9	28 24 59.0					N V 1240	1.6327		199			1110	1514BAL,853,
								Si IV 1397			200			1512	1213,1586rnd,
								O IV 1402						1711	912xnd
								C IV 1549						1756	z(abs) 1.889-
								C III 1909						2228	1.832,1512
														2263	
1333+283		13 33 57.3	13 36 16.63	19.0			0.271	Mg II 2798		1903	2033				
O		28 20 6	28 4 49.2												
1333+270		13 33 59.9	13 36 19.99	19.0			1.068	C III 1909		1903	2052				
O		27 2 54	26 47 37.3					Mg II 2798			2033				
1334+268		13 34 2.4	13 36 22.59	20.5			0.851	C III 1909		1903	2033				
O		26 52 24	26 37 7.4					Mg II 2798							
1334+273		13 34 3.2	13 36 23.09	20.0			1.931	H I 1216		1903	2033				
O		27 22 32	27 7 15.4					C IV 1549							
								C III 1909							
1334+271		13 34 4.8	13 36 24.85	20.8			(2.3)			1903	1903				
O		27 6 18	26 51 1.4												
1334-005	UM 590	13 34 13.03	13 36 47.13	17.4			2.783	O VI 1034		922	2183			1747	1468sp
O		-0 33 41.2	-0 48 57.5					H I 1216			922				
								Si IV 1397							
								O IV 1402							
								C IV 1549							
1334+022		13 34 13.78	13 36 46.57	17.8			2.384			2183	2183				2183B(J)mag
O		2 12 58.2	1 57 41.9												
1334-000		13 34 15.21	13 36 49.09	18.1			0.298			2183	2183				2183B(J)mag
O		-0 5 41.3	-0 20 57.5												
1334+271		13 34 23.2	13 36 43.19	20.3			2.759	H I 1216		1903	2033				
O		27 7 35	26 52 19.0					C III 1909							
								Mg II 2798							
1334+274		13 34 23.8	13 36 43.60	19.4			1.440	C IV 1549		1903	2033				
O		27 26 12	27 10 56.0					C III 1909							
1334+277		13 34 24.0	13 36 43.62	19.5			(0.78)	C III 1909		1903	2033				
O		27 45 6	27 29 50.0					Mg II 2798							
1334+276		13 34 30.4	13 36 50.09	19.4			1.95	H I 1216		1903	2033				
O		27 36 4	27 20 48.2					C IV 1549							
1334+263		13 34 34.8	13 36 55.21	17.6			0.164	Mg II 2798		1903	2033				two galaxies
O		26 22 22	26 7 6.3												nearby,2033
1334+276		13 34 37.3	13 36 56.93	18.6			1.360	C IV 1549		1903	2033				
O		27 40 55	27 25 39.4					C III 1909							
								Mg II 2798							
1334-025		13 34 37.79	13 37 12.83	17.6			0.723			2183	2183				2183B(J)mag
O		-2 32 38.5	-2 47 54.0												
1334+274		13 34 41.2	13 37 0.94	19.7			2.074	H I 1216		1903	2033				
O		27 28 34	27 13 18.5					C IV 1549							
								C III 1909							
1334+119	MC 2	13 34 41.28	13 37 9.38	17.22	.99	-.16	(1.76)	C IV 1549		020	020		1818		343fc,1485ubv
R		11 55 27.9	11 40 12.4					C III 1909					1891		
1334+262		13 34 41.7	13 37 2.17	18.6			1.876+	H I 1216		1903	2033				2033BAL
O		26 14 33	25 59 17.5					C IV 1549							
								C III 1909							
1334+267		13 34 43.1	13 37 3.29	20.3			(0.97)	C III 1909		1903	2033				
O		26 42 46	26 27 30.6					Mg II 2798							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1334+268 O		13 34 43.3 26 51 19	13 37 3.41 26 36 3.6	20.0			1.770	H I 1216 C IV 1549 C III 1909		1903	2033				
1334+271 O		13 34 45.6 27 7 47	13 37 5.54 26 52 31.6	19.4			1.549	C IV 1549 C III 1909 Mg II 2798		1903	2033				
1334+008 O		13 34 49.18 0 53 26.7	13 37 22.59 0 38 11.5	18.3			0.647			2183	2183				2183B(J)mag
1334+012 O		13 34 53.24 1 13 43.9	13 37 26.49 0 58 28.8	18.3			0.330			2183	2183				2183B(J)mag
1334+274 O		13 34 54.4 27 28 1	13 37 14.12 27 12 45.9	19.2			1.909	H I 1216 C IV 1549 C III 1909		1903	2033				
1334+265 O		13 34 55.4 26 35 18	13 37 15.64 26 20 2.9	20.1			2.255	H I 1216 C IV 1549 C III 1909		1903	2033				
1334+283 O		13 34 55.8 28 18 16	13 37 15.01 28 3 0.9	20.3			1.23	C IV 1549 C III 1909		1903	2033				
1334+246		13 34 57.37 24 38 18.5	13 37 18.74 24 23 3.5	15			0.107	O III 5007 He I 5876 H I 6563		1647	1647		1647		1863irpol, 2077imag, 2097ir, 2288neml, 2288FeIIem detected at 1.3mm,1736; IRAS source, 1860
1334+272 O		13 34 57.8 27 16 19	13 37 17.63 27 1 4.0	19.1			0.637	Mg II 2798		1903	2033				
1334–127 R X	PKS	13 34 59.84 –12 42 10.0	13 37 39.82 –12 57 24.9	17.2 *			(0.541)	Mg II 2798			1304	1800	1721 2056		761sp, 1141rvar,1141, 1800,2103pol, 1241x,1810pos
1335+284 O		13 35 0.9 28 24 41	13 37 20.03 28 9 26.1	19.7			0.46	Mg II 2798		1903	2033				
1335–026 O		13 35 1.54 –2 41 54.6	13 37 36.66 –2 57 9.4	18.1			0.608			2183	2183				2183B(J)mag
1335+278 O		13 35 6.7 27 51 53	13 37 26.15 27 36 38.3	19.2			1.121	C IV 1549 C III 1909 Mg II 2798		1903	2033				
1335+023 R	PKS	13 35 6.94 2 22 12.5	13 37 39.65 2 6 57.8	17.73	.51	–.85	1.356	C IV 1549 C III 1909 Mg II 2798		083	436 500 2183				761,1304sp, 1485ubv,026, 028fc, 2183neml 18.4B(J)mag,21
1335+274 O		13 35 7.6 27 28 43	13 37 27.28 27 13 28.3	20.6			3.06	H I 1216 C IV 1549		1903	2033				
1335+268 O		13 35 13.3 26 51 8	13 37 33.34 26 35 53.5	19.8			1.096	C IV 1549 C III 1909 Mg II 2798		1903	2033				
1335+262 O		13 35 14.1 26 15 27	13 37 34.49 26 0 12.5	18.6			0.394	Mg II 2798		1903	2033 2052				
1335+273 O		13 35 15.9 27 18 26	13 37 35.66 27 3 11.5	20.3			1.762	H I 1216 C IV 1549 C III 1909		1903	2033				
1335+005 C	QNA1:04	13 35 16.3 0 32 7.2	13 37 49.88 0 16 52.8	20.67		–.86	(0.336)	O II 3727 H I 4861 O III 5007		1878	1878 2058				1878Bmag, 2058neml

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1335+284		13 35 19.0	13 37 38.04	20.0			1.865	H I 1216		2052	2052				
O		28 29 2	28 13 47.6					Si IV 1397							
								O IV 1402							
								C IV 1549							
								C III 1909							
1335+266		13 35 19.9	13 37 40.03	19.3			1.779	H I 1216		1903	2033				
O		26 41 6	26 25 51.7					C IV 1549							
								C III 1909							
1335+283		13 35 20.1	13 37 39.23	20.2			1.124	C III 1909		1903	2033				
O		28 19 59	28 4 44.7					Mg II 2798							
1335+262		13 35 20.6	13 37 40.96	20.4			1.982	H I 1216		1903	2033				
O		26 17 3	26 1 48.7					C IV 1549							
								C III 1909							
1335+272		13 35 24.8	13 37 44.56	18.8			1.928	H I 1216		1903	2033				
O		27 16 46	27 1 31.8					C IV 1549							
								C III 1909							
1335+283		13 35 30.2	13 37 49.31	19.2			1.321	C IV 1549		1903	2033				
O		28 19 18	28 4 4.0					C III 1909							
								Mg II 2798							
1335–061	MSH 13–011	13 35 31.20	13 38 8.01	17.68	.14	–.66	0.625	Mg II 2798		136	101		128		008ubv,057,
R	4C 06.35	–6 11 56.7	–6 27 10.6					NeIII 3869					775		182fc
	PKS												1111		
	OP 059												1888		
1335–143	R14.09	13 35 33.4	13 38 14.25	18.7 *			1.92			2277	2277				
		–14 21 25	–14 36 38.9												
1335+284		13 35 35.4	13 37 54.44	18.9			1.593	C IV 1549		1903	2033				
O		28 24 59	28 9 45.1					C III 1909							
								Mg II 2798							
1335+278		13 35 35.5	13 37 54.87	20.1			2.362	H I 1216		1903	2033				
O		27 53 8	27 37 54.1					C IV 1549							
								C III 1909							
1335+271		13 35 38.5	13 37 58.33	20.0			1.291	C IV 1549		1903	2033				
O		27 6 44	26 51 30.2					C III 1909							
								Mg II 2798							
1335+275		13 35 40.5	13 38 0.03	20.3			2.165	H I 1216		1903	2033				fainter of
O		27 35 38	27 20 24.3					C IV 1549							pair,1903
								C III 1909							
1335+280		13 35 45.4	13 38 4.64	19.7			0.814	C III 1909		1903	2033				
O		28 3 46	27 48 32.4					Mg II 2798							
1335+283		13 35 48.4	13 38 7.46	20.4			1.086	C IV 1549		1903	2033				
O		28 20 23	28 5 9.5					C III 1909							
								Mg II 2798							
1335+005	QNA1:28	13 35 49.5	13 38 23.08	18.96		–1.19	2.153	H I 1216		1878	1878				1878Bmag
C		0 31 25.1	0 16 11.7					N V 1240			2058				
								Si IV 1397							
								C IV 1549							
1335+005	QNA1:35	13 35 54.8	13 38 28.37	20.07		–1.37	1.014	C III 1909		1878	1878				1878Bmag
C		0 32 45.5	0 17 32.3					Mg II 2798			2058				
1336+264	RS 32	13 36 2.98	13 38 23.13	18.91	.94	–1.37	0.341	Mg II 2798		199	073				199ubv,853rnd
C		26 29 5.5	26 13 52.4					Ne V 3426							
								O III 5007							
1336+264		13 36 3.0	13 38 23.15	18.2			0.969	C III 1909		1903	2033				
O		26 29 9	26 13 55.9					Mg II 2798							
1336+006	QNA1:30	13 36 6.3	13 38 39.82	21.09		–1.60	2.103	H I 1216		1878	1878				1878Bmag
C		0 38 45.5	0 23 32.6					N V 1240			2058				
								Si IV 1397							
								C IV 1549							
1336+283		13 36 10.5	13 38 29.53	19.8			1.116	C IV 1549		1903	2033				
O		28 18 10	28 2 57.2					C III 1909							
								Mg II 2798							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1336+268 O		13 36 10.8 26 53 38	13 38 30.69 26 38 25.2	17.7			1.088	C III 1909 Mg II 2798		1903	2033				
1336+021 O		13 36 11.67 2 10 16.9	13 38 44.46 1 55 4.2	18.3			1.962			2183	2183				2183B(J)mag
1336+255 O		13 36 12.4 25 31 54	13 38 33.10 25 16 41.2	18.7			0.507	Mg II 2798		1903	2033				
1336+270 O		13 36 13.4 27 3 6	13 38 33.19 26 47 53.2	18.3			2.195	H I 1216 C IV 1549 C III 1909		1903	2033				westernmost of pair,1903
1336+277 O		13 36 14.4 27 45 14	13 38 33.76 27 30 1.3	19.6			0.342	Mg II 2798		1903	2033				
1336+255 O		13 36 17.2 25 31 56	13 38 37.88 25 16 43.4	20.4			1.88	H I 1216 C IV 1549 C III 1909		1903	2033				
1336+266 O		13 36 23.2 26 40 16	13 38 43.19 26 25 3.5	19.6			(1.26)	C IV 1549 C III 1909 Mg II 2798		1903	2033				
1336+007 C	QNA1:18	13 36 23.4 0 42 31.0	13 38 56.89 0 27 18.6	19.60		-1.30	1.940	N V 1240 Si IV 1397 C IV 1549		1878	1878 2058				1878Bmag
1336+281 O		13 36 25.4 28 10 17	13 38 44.48 27 55 4.6	20.2			0.50	Mg II 2798		1903	2033				
1336+004 C	QNA1:21	13 36 25.5 0 26 42.5	13 38 59.12 0 11 30.2	20.17		-.82	1.648	C IV 1549 C III 1909		1878	1878 2058				1878Bmag
1336+263 O		13 36 25.6 26 18 30	13 38 45.81 26 3 17.6	20.1			1.324	C IV 1549 C III 1909 Mg II 2798		1903	2033				
1336+280 O		13 36 30.2 28 4 25	13 38 49.32 27 49 12.7	20.4			1.31	C IV 1549 C III 1909 Mg II 2798		1903	2033				
1336+004 C	QNA1:25	13 36 30.4 0 24 57.2	13 39 4.03 0 9 45.0	21.03		-.79	2.242	H I 1216 C IV 1549		1878	1878 2058				1878Bmag
1336+006 C	QNA1:20	13 36 30.8 0 37 34.1	13 39 4.33 0 22 21.9	18.80		-1.03	1.152	C III 1909 Mg II 2798		1878	1878 2058				1878Bmag
1336+004 C	QNA1:27	13 36 31.2 0 25 23.5	13 39 4.83 0 10 11.3	19.97		-1.64	1.050	C III 1909 Mg II 2798		1878	1878 2058				1878Bmag
1336+001 C	QNA1:44	13 36 33.0 0 10 48.2	13 39 6.75 -0 4 23.9	19.70		-.85	1.062	C III 1909		1878	2058				1878Bmag
1336+274 O		13 36 34.5 27 29 16	13 38 53.97 27 14 3.9	19.9			1.376	C IV 1549 C III 1909 Mg II 2798		1903	2033				
1336+135 O	H1340+008	13 36 34.71 13 35 30.9	13 39 1.86 13 20 18.8	18.5			2.445*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.41	1227	1479 1227 2279			1227 2263	1208,1227, 2279BAL
1336+274 O		13 36 36.4 27 28 19	13 38 55.88 27 13 6.9	20.0			0.486	Mg II 2798		1903	2033				
1336+268 O		13 36 36.5 26 48 58	13 38 56.38 26 33 45.9	19.6			1.868	H I 1216 C IV 1549		1903	2033				
1336+280 O		13 36 36.8 28 3 49	13 38 55.92 27 48 36.9	18.6			1.325	C IV 1549 C III 1909 Mg II 2798		1903	2033				fainter of pair,1903
1336+274 O		13 36 38.4 27 27 3	13 38 57.89 27 11 51.0	20.2			1.922	H I 1216 C IV 1549 C III 1909		1903	2033				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1336+277 O		13 36 39.9 27 42 11	13 38 59.23 27 26 59.0	19.0			1.788	H I 1216 C IV 1549 C III 1909		1903	2033				
1336+266 O		13 36 40.5 26 41 22	13 39 0.45 26 26 10.1	19.7			0.240	Mg II 2798		1903	2033				
1336+255 O		13 36 40.9 25 34 19	13 39 1.51 25 19 7.1	18.8			2.242	H I 1216 Si IV 1397 O IV 1402 C IV 1549		2052	2052				
1336+284 O		13 36 42.3 28 29 36	13 39 1.14 28 14 24.1	19.3			2.513	H I 1216 C IV 1549 C III 1909 Mg II 2798		1903	2033				
1336+278 O		13 36 43.1 27 51 55	13 39 2.32 27 36 43.1	19.4			2.530	H I 1216 C IV 1549 C III 1909		1903	2033				
1336+283 O		13 36 47.8 28 23 41	13 39 6.68 28 8 29.3	19.7			1.124	C IV 1549 C III 1909 Mg II 2798		1903	2033				fainter of pair 5 arcsec apart,2033
1336+283 O		13 36 50.7 28 20 38	13 39 9.61 28 5 26.4	19.1			1.113	C IV 1549 C III 1909 Mg II 2798		1903	2033				
1336+351 R		13 36 55.13 35 6 41.2	13 39 9.51 34 51 29.7	20.0			1.544			1446	1447				
1336–030 R	PKS	13 36 57.38 –3 1 54.6	13 39 32.69 –3 17 6.0	18.90			2.313	H I 1216 N V 1240 C IV 1549 C III 1909 Mg II 2798		1300	1997				1997Bmag
1336+277 O		13 36 57.5 27 43 27	13 39 16.78 27 28 15.6	19.5			1.047	C III 1909 Mg II 2798		1903	2033				
1336–000 R	PKS	13 36 59.1 –0 1 8.1	13 39 32.94 –0 16 19.4	18.3			1.808	Si IV 1397 O IV 1402 C IV 1549 C III 1909		026	1304 436		351		761sp 20.9B(J)mag,21
1337+113 O		13 37 0 11 21 0	13 39 28.26 11 5 48.7				2.919*	H I 1216	2.7957 2.5077 2.1500 2.1393 2.0158 2.0107		1550			1550 1551 1901 2115 2117 2228 2263	damped Ly alpha,z= 2.7957,2115
1337+277 O		13 37 1.6 27 44 24	13 39 20.86 27 29 12.7	20.2			2.495	O VI 1034 H I 1216 C IV 1549		1438	1692 1903				
1337+004 C	QNA1:41	13 37 5.4 0 25 33.2	13 39 39.03 0 10 22.1	19.68		–1.07	2.122	H I 1216 N V 1240 C IV 1549		1878	1878 2058				1878Bmag
1337+276 O		13 37 5.8 27 38 47	13 39 25.11 27 23 35.8	20.2			1.056	C III 1909 Mg II 2798		1903	2033				
1337+262 O		13 37 6.4 26 14 24	13 39 26.56 25 59 12.8	20.0			2.794+	H I 1216 C IV 1549		1903	2033				
1337+282 O		13 37 8.7 28 12 43	13 39 27.65 27 57 31.9	20.5			0.249	O II 3727 O III 5007		1903	2033				
1337+004 C	QNA1:42	13 37 11.8 0 24 57.1	13 39 45.43 0 9 46.2	19.81		–1.01	(1.859)	C IV 1549 C III 1909		1878	1878 2058				1878Bmag
1337–017 C		13 37 17.01 –1 46 8.0	13 39 51.71 –2 1 18.8	17.5			1.014	C III 1909 Mg II 2798		2183	1024 2183				2183strong uv FeIIem
1337+255 O		13 37 19.0 25 32 21	13 39 39.55 25 17 10.2	20.8			(1.8)			1903	1903				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1337+275		13 37 19.5	13 39 38.86	20.2			1.750	H I 1216		1438	1692				
O		27 30 41	27 15 30.2					C IV 1549			1903				
								C III 1909			2033				
1337+271		13 37 26.4	13 39 45.96	20.3			2.940	H I 1216		1903	2033				
O		27 9 30	26 54 19.5					C IV 1549							
								C III 1909							
1337+274		13 37 26.7	13 39 46.09	19.6			1.120	C III 1909		1903	2033				
O		27 26 11	27 11 0.5					Mg II 2798							
1337+261		13 37 27.2	13 39 47.35	18.8			2.216	C IV 1549		1903	2052				
O		26 10 45	25 55 34.5												
1337–013	PKS	13 37 30.18	13 40 4.69	18.73	.03	–.63	1.619	C IV 1549		026	436		023		436ubv
R		–1 22 36.8	–1 37 47.2								026		351		
													1527		
1337+113	H1340+005	13 37 34.41	13 40 2.64				2.917+	O VI 1034		2279	2279			2279	
		11 21 42.1	11 6 31.8					H I 1216							
								N V 1240							
								Si IV 1397							
								C IV 1549							
1337+265		13 37 39.3	13 39 59.20	20.1			0.962	C III 1909		1903	2052				
O		26 33 30	26 18 19.8					Mg II 2798							
1337+284		13 37 41.4	13 40 0.10	20.2			1.760	H I 1216		1903	2033				
O		28 29 15	28 14 4.9					C IV 1549							
								C III 1909							
1337+285		13 37 46.4	13 40 5.06	17.1			2.517	H I 1216		1903	2033				
O		28 32 5	28 16 55.1					C IV 1549							
								C III 1909							
1337+262		13 37 48.1	13 40 8.16	19.0			1.975	H I 1216		1903	2033				1903BAL?
O		26 15 42	26 0 32.1					C IV 1549							
1337+275		13 37 50.0	13 40 9.26	19.5			0.327	Mg II 2798		1903	2033				
O		27 33 48	27 18 38.2												
1337+271		13 37 50.1	13 40 9.58	19.5			1.205	C IV 1549		1903	2033				
O		27 11 41	26 56 31.2					C III 1909							
								Mg II 2798							
1337+259		13 37 50.8	13 40 11.05	19.0			1.333	C IV 1549		2052	2052				
O		25 56 14	25 41 4.2					C III 1909							
1337–024		13 37 53.87	13 40 28.88	18.8			2.035	Si IV 1397			1024				2183B(J)mag
C		–2 24 10.4	–2 39 20.0					O IV 1402							
								C IV 1549							
								C III 1909							
1337+285		13 37 55.0	13 40 13.65	20.3			1.467	C IV 1549		2052	2052				
O		28 30 30	28 15 20.3					C III 1909							
								Mg II 2798							
1337+005		13 37 57.86	13 40 31.45	18.5			1.902+	C IV 1549			1024			1024	2183B(J)mag
C		0 30 17.6	0 15 8.1					C III 1909							
1338+101		13 38 0	13 40 28.80				2.459	H I 1216			1550				
O		10 11 0	9 55 50.5												
1338+266		13 38 0.3	13 40 20.08	20.4			0.707	C III 1909		2052	2052				
O		26 39 50	26 24 40.5					Mg II 2798							
1338+275		13 38 1.2	13 40 20.41	18.6			1.140	C IV 1549		1438	1692				
O		27 35 50	27 20 40.5					C III 1909			2033				
								Mg II 2798							
1338+273		13 38 2.2	13 40 21.59	20.0			0.335	Mg II 2798		1903	2033				
O		27 18 28	27 3 18.5												
1338+266		13 38 2.6	13 40 22.36	19.3			2.467	H I 1216		1903	2033				
O		26 41 19	26 26 9.6					C IV 1549							
1338+264		13 38 8.8	13 40 28.68	18.9			2.126	H I 1216		1903	2033				
O		26 28 14	26 13 4.7					C IV 1549							
								C III 1909							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1338-005		13 38 10.44	13 40 44.52	17.2			0.387			2183	2183				2183B(J)mag
O		-0 30 7.6	-0 45 16.7												
1338+273		13 38 12.4	13 40 31.74	19.6			(0.28)	Mg II 2798		1903	2033				extended,2033
O		27 20 51	27 5 41.9												
1338-013	UM 600	13 38 16.0	13 40 50.49	19.1			1.47	C IV 1549		922	922				2183B(J)mag
O		-1 19 40.1	-1 34 49.1					C III 1909							
1338+258		13 38 17.6	13 40 37.84	19.6			1.877	H I 1216		1903	2033				
O		25 51 28	25 36 19.0					C IV 1549							
								C III 1909							
1338+276		13 38 21.4	13 40 40.56	20.0			1.139	C IV 1549		1438	1692				
O		27 36 0	27 20 51.1					C III 1909			1903				
1338+101	H1340+004	13 38 22.25	13 40 51.03				2.447	H I 1216		2279	2279				
		10 11 52.3	9 56 43.5					Si IV 1397							
								C IV 1549							
1338+266		13 38 23.3	13 40 43.06	20.3			1.841	H I 1216		1903	2033				
O		26 37 5	26 21 56.2					C IV 1549							
								C III 1909							
1338+277		13 38 32.9	13 40 51.93	20.0			2.285	H I 1216		1438	1692				
O		27 46 15	27 31 6.5					C IV 1549			1903				
								C III 1909							
1338+275		13 38 35.3	13 40 54.46	19.4			1.252	C IV 1549		1438	1692				
O		27 33 2	27 17 53.6					C III 1909			1903				
1338+277		13 38 35.7	13 40 54.73	20.7			1.595	C IV 1549		1438	1692				
O		27 45 38	27 30 29.6					C III 1909			1903				
1338+274		13 38 37.0	13 40 56.19	20.2			1.540	O IV 1402		1438	1692				
O		27 29 26	27 14 17.6					C IV 1549			1903				
								C III 1909							
1338-006		13 38 39.82	13 41 13.97	17			0.237	H I 4340		922	1024				
C		-0 38 6.9	-0 53 15.1					O III 4363			922				
								H I 4861			2183				
								O III 4959							
								O III 5007							
1338+276		13 38 41.4	13 41 0.47	19.2			1.175	C IV 1549		1438	1692				
O		27 40 26	27 25 17.7					C III 1909			1903				
								Mg II 2798							
1338+282		13 38 45.3	13 41 3.99	20.5			(2.35)	O VI 1034		2052	2052				
O		28 16 6	28 0 57.9					H I 1216							
								C IV 1549							
1338-018		13 38 46.59	13 41 21.36	17.4			2.079+	Si IV 1397			1024			1024	2183B(J)mag
C		-1 53 48.8	-2 8 56.8					O IV 1402							
								C IV 1549							
								C III 1909							
1338+416	PG	13 38 52.2	13 41 1.00	16.08			1.219	C III 1909		1117	1117				1598,2251sp,
C		41 38 22	41 23 14.0					Mg II 2798							1729,2005ir,
															2112x
															faint gals
															near,2118
1338+394	B3	13 38 57.8	13 41 8.40	19.0			0.580	Mg II 2798		1990	2270				
R		39 29 59	39 14 51.2					Mg V 2931							
								O II 3727							
1338+270		13 38 58.1	13 41 17.54	20.2			0.393	Mg II 2798		2052	2052				
O		27 0 35	26 45 27.3					O II 3727							
1339+278		13 39 4.6	13 41 23.49	20.0			0.463	Mg II 2798		2052	2052				
O		27 52 10	27 37 2.5					O II 3727							
1339+272		13 39 17.1	13 41 36.33	20.5			1.754	H I 1216		1903	2033				
O		27 16 57	27 1 49.8					C IV 1549							
								C III 1909							
1339-180	J13.07	13 39 21.3	13 42 4.40	17.34			2.21			2277	2277				2277BAL
		-18 2 45	-18 17 51.9												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1339+282		13 39 21.4	13 41 40.00	19.3			0.78	Mg II 2798		1903	2033				
O		28 15 46	28 0 39.0					O II 3727							
1339+280		13 39 22.8	13 41 41.55	20.0			1.965	H I 1216		1438	1692				
O		28 2 4	27 46 57.0					C IV 1549			1438				
											1903				
1339+276		13 39 22.9	13 41 41.86	20.0			1.325	C IV 1549		1438	1438				
O		27 41 41	27 26 34.0					C III 1909			1692				
								Mg II 2798			1903				
1339+275		13 39 25.2	13 41 44.24	20.4			1.095	C IV 1549		1438	1692				
O		27 33 24	27 18 17.1					C III 1909			1903				
								Mg II 2798							
1339+268		13 39 30.0	13 41 49.48	20.1			1.727	H I 1216		1856	1692				
O		26 50 17	26 35 10.2					C IV 1549			1903				
								C III 1909							
1339+273		13 39 31.6	13 41 50.74	20.1			1.175	C IV 1549			1692				
O		27 22 57	27 7 50.3					C III 1909			1903				
								Mg II 2798							
1339+265		13 39 33.6	13 41 53.26	19.3			1.367	C IV 1549		1856	1692				
O		26 32 2	26 16 55.4					C III 1909			1903				
1339+278		13 39 35.0	13 41 53.83	20.4			1.552	Si IV 1397		1438	1692				
O		27 51 2	27 35 55.4					O IV 1402		2052	1903				
								C IV 1549			2052				
								C III 1909							
1339+053		13 39 35.3	13 42 6.48	16.8 *	–.10		0.266			1265	1265	1770			1265ubv,
X		5 20 12	5 5 5.5								1314				1209ext,
															1033ir,1265x,
															1910sp
1339+267		13 39 37.9	13 41 57.42	17.4			0.851	C III 1909		1856	1692				
O		26 44 17	26 29 10.5					Mg II 2798			1903				
1339+021		13 39 43.45	13 42 16.20	17.9			0.274			2183	2183				2183B(J)mag
O		2 10 25.8	1 55 19.5												
1339+272		13 39 44.2	13 42 3.40	19.4			0.53	Mg II 2798		1903	2033				
O		27 13 53	26 58 46.7												
1339+279		13 39 47.0	13 42 5.75	19.6			1.036	C III 1909		1438	1692				
O		27 56 45	27 41 38.8								1903				
1339+274		13 39 49.8	13 42 8.88	19.0			1.185	C IV 1549		1438	1692				
O		27 24 26	27 9 19.9					C III 1909			1903				
								Mg II 2798							
1339+264		13 39 51.2	13 42 10.86	20.1			0.148	O II 3727		1856	1692				
O		26 28 16	26 13 9.9					O III 5007			1903				
1339+262		13 39 52.6	13 42 12.37	20.1			2.504	O VI 1034		2052	2052				
O		26 17 2	26 1 55.9					H I 1216							
								C IV 1549							
1339+287		13 39 52.8	13 42 11.03	18.6			0.33			2278	2278				2278uv
R		28 43 55	28 28 48.9												
1339+278		13 39 55.6	13 42 14.37	19.5			(0.77)	C III 1909		1438	1692				
O		27 53 0	27 37 54.0					Mg II 2798			1903				
1339+001	F864:94	13 39 59.3	13 42 33.08	20.21	.40	–.03	2.439	H I 1216		2214	2214				
C		0 7 13	–0 7 52.8					C IV 1549							
1339+269		13 39 59.5	13 42 18.83	19.4			1.053*	C III 1909		1856	1723				1723BAL
O		26 58 6	26 43 0.2					Mg II 2798			1692				
											1903				
1339+000	F864:76	13 39 59.9	13 42 33.71	19.46	.10	–.87	(0.517)	Mg II 2798		2214	2214				
C		0 3 17	–0 11 48.8												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1340+261		13 40 0.4	13 42 20.26	19.8			1.608+	Si IV 1397		2052	2052				2052BAL
O		26 7 16	25 52 10.2					O IV 1402							
								C IV 1549							
								C III 1909							
								Mg II 2798							
1340+099	H1340+003	13 40 0.74	13 42 29.54	18.5			2.942	O VI 1034		1440	1440				2279neml
O		9 59 52.2	9 44 46.5					H I 1216			2279				
								N V 1240							
								Si IV 1397							
								C IV 1549							
1340+276		13 40 2.7	13 42 21.57	19.9			2.24	H I 1216		1903	2033				
O		27 41 28	27 26 22.3					C IV 1549							
1340+000	F864:115	13 40 4.2	13 42 37.99	20.80	.23	−.93	1.754	C IV 1549		2214	2214				
C		0 5 37	−0 9 28.6					C III 1909							
1340+273		13 40 4.7	13 42 23.80	19.5			2.827	H I 1216		1903	2033				
O		27 19 40	27 4 34.3					C IV 1549							
								C III 1909							
1340+275		13 40 5.4	13 42 24.33	17.2			0.704	Mg II 2798		1438	1692				
O		27 35 45	27 20 39.3					Ne V 3426			1903				
											2033				
1340+278		13 40 6.0	13 42 24.75	20.8			2.699	O VI 1034		1438	1692				
O		27 52 25	27 37 19.4					H I 1216			1903				
								Si IV 1397							
								C IV 1549							
1340−003		13 40 12.25	13 42 46.26	18.1			0.786			2183	2183				2183B(J)mag
O		−0 20 38.4	−0 35 43.8												
1340+262		13 40 15.3	13 42 35.04	19.2			0.247	Mg II 2798		1856	1692				
O		26 15 30	26 0 24.7					O III 4959			1903				
								O III 5007							
1340+277		13 40 17.1	13 42 35.91	21.4			2.2	H I 1216		1438	1438				
O		27 44 17	27 29 11.7					C IV 1549			1903				
1340−006	UM 607	13 40 17.46	13 42 51.62	17.2			0.326	H I 4102		922	1024				2145imag
O		−0 38 39.6	−0 53 44.8					H I 4340			1968				starburst gal
								O III 4363			2130				9.4 arcsec
								H I 4861			2183				away, 0.227
								O III 4959							zgal,2130
								O III 5007							
1340−136	R14.07	13 40 18.1	13 42 58.92	19.2 *			3.19			2277	2277				
		−13 40 55	−13 56 0.2												
1340+002	F864:72	13 40 22.8	13 42 56.50	19.18	.36	−.05	0.804	Mg II 2798		2214	2214				
C		0 16 2	0 0 57.0												
1340+278		13 40 25.7	13 42 44.40	19.2			1.721	H I 1216		1438	1692				
O		27 52 41	27 37 36.0					C IV 1549			1903				
								C III 1909							
								Ne IV 2439							
1340+011		13 40 25.79	13 42 59.07	18.1			1.067			2183	2183				2183B(J)mag
O		1 7 3.1	0 51 58.2												
1340+000	F864:124	13 40 27.4	13 43 1.23	20.93	.09	−.77	2.386	H I 1216		2214	2214				
C		0 0 54	−0 14 10.9					C IV 1549							
1340−002	F864:82	13 40 27.7	13 43 1.66	19.74	.17	−.78	2.053	H I 1216		2214	2214				
C		−0 14 46	−0 29 50.9					C IV 1549							
1340+606	3CR 288.1	13 40 30.02	13 42 13.29	18.12	.39	−.82	0.961	C III 1909		064	005		462		003ubv,912,
R	4C 60.18	60 36 47.9	60 21 42.6					Mg II 2798					534		1107,1980x,
X	OP 668												787		1320rpol,
	NRAO 428												1891		245fc
1340+278		13 40 33.7	13 42 52.42	20.4			2.382	H I 1216		1438	1692				
O		27 49 14	27 34 9.2					C IV 1549			1438				
								C III 1909			1903				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1340+278		13 40 34.2	13 42 52.89	19.8			1.444	Si IV 1397		1438	1692				
O		27 51 20	27 36 15.2					C IV 1549			1903				
								C III 1909							
1340+278		13 40 35.3	13 42 54.02	18.2			0.810	C III 1909		1438	1692				
O		27 48 18	27 33 13.3					Mg II 2798			1903				
1340+272		13 40 35.6	13 42 54.70	19.7			2.737	H I 1216		1903	2033				
O		27 13 9	26 58 4.3					C IV 1549							
1340+287	B2	13 40 36.36	13 42 54.49	18.35*	.20	–.67	1.037	C III 1909		474	476	474			474ubv,704pol
R		28 43 9.8	28 28 5.1					Mg II 2798							
1340+281		13 40 36.6	13 42 55.10	18.4			1.527*	Si IV 1397		1438	1723				1723BAL
O		28 8 35	27 53 30.3					C IV 1549			1692				
								C III 1909			1903				
											2033				
1340+264		13 40 38.9	13 42 58.47	20.4			2.911	H I 1216		2052	2052				
O		26 26 57	26 11 52.4					Si IV 1397							
								O IV 1402							
1340+281		13 40 39.4	13 42 57.89	18.6			1.821	H I 1216		1903	2033				
O		28 9 30	27 54 25.4					C IV 1549							
								C III 1909							
1340+001	F864:119	13 40 39.6	13 43 13.35	20.87	.75	–.66	(0.667)	Mg II 2798		2214	2214				
C		0 10 2	–0 5 2.5												
1340+280		13 40 40.6	13 42 59.16	18.7			1.164	C IV 1549		1438	1692				
O		28 2 27	27 47 22.4					C III 1909			1903				
								Mg II 2798							
1340+289	B2	13 40 42.26	13 43 0.21	17.07*	.47	–.74	0.905	C III 1909		138	152	731	490		322ubv,
R		28 59 12.6	28 44 8.1					Mg II 2798				924	1794		1202pol,1013,
													1888		2174varnd,
															474fc,2251sp
1340+002	F864:114	13 40 48.3	13 43 22.01	20.75	.39	–2.00	1.976	C IV 1549		2214	2214				
C		0 15 14	0 0 9.8												
1340–000	F864:102	13 40 50.4	13 43 24.28	20.39	.40	–1.23	1.886	C IV 1549		2214	2214				
C		–0 5 26	–0 20 30.2					C III 1909							
1340–000	F864:80	13 40 52.0	13 43 25.85	19.64	.65	–.80	1.511	C IV 1549		2214	2214				
C		–0 1 9	–0 16 13.1					C III 1909							
1340+278		13 40 55.0	13 43 13.63	19.9			2.491	H I 1216		1903	2033				
O		27 53 11	27 38 6.9					C IV 1549							
1340+271		13 40 57.5	13 43 16.58	18.6			1.65	C IV 1549		1903	2033				
O		27 9 33	26 54 29.0					C III 1909							
1341+272		13 41 4.0	13 43 23.04	19.3			1.274	C IV 1549		1903	2033				
O		27 12 20	26 57 16.2					C III 1909							
								Mg II 2798							
1341+283		13 41 11.0	13 43 29.32	18.2			0.228	Mg II 2798		1903	2033				extended,2033
O		28 18 10	28 3 6.4												
1341+279		13 41 11.1	13 43 29.62	20.1			2.424	O VI 1034		2052	2052				
O		27 59 53	27 44 49.4					H I 1216							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
1341–001	F864:81	13 41 13.7	13 43 47.61	19.69	.49	–.26	1.055	C III 1909		2214	2214				
C		–0 8 33	–0 23 36.4												
1341+267		13 41 14.0	13 43 33.28	19.4			2.120	H I 1216		1856	1692				
O		26 47 24	26 32 20.5					C IV 1549			1903				
								C III 1909							
1341+012		13 41 19.60	13 43 52.80	18.3			0.254			2183	2183				2183B(J)mag
O		1 15 13.2	1 0 9.9												
1341+001	F864:97	13 41 19.7	13 43 53.46	20.31	.48	–1.29	1.140	C III 1909		2214	2214				
C		0 9 43	–0 5 20.3												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1341+261		13 41 22.5	13 43 42.13	18.8			1.592+	C IV 1549		2052	2052				2052BAL
O		26 11 56	25 56 52.8					C III 1909							
1341+002	F864:113	13 41 26.2	13 43 59.90	20.70	.67	−.94	1.410	C IV 1549		2214	2214				
C		0 15 49	0 0 46.0					C III 1909							
1341+268		13 41 28.8	13 43 48.01	19.1			1.675	H I 1216		1856	1692				
O		26 51 7	26 36 4.0					C IV 1549			1903				
1341+256		13 41 30.9	13 43 50.85	20.5			1.896	H I 1216		2052	2052				
O		25 39 47	25 24 44.0					C IV 1549							
								C III 1909							
1341+282		13 41 31.0	13 43 49.29	17.8			0.212	Mg II 2798		1903	2033				extended,2033
O		28 17 4	28 2 1.0												
1341+270		13 41 31.5	13 43 50.56	20.0			2.245	H I 1216		1903	2033				
O		27 4 33	26 49 30.0					C IV 1549							
1341-001	F864:108	13 41 38.4	13 44 12.32	20.57	.43	−.71	1.188	C III 1909		2214	2214				
C		−0 9 45	−0 24 47.7												
1341+266		13 41 42.8	13 44 2.10	19.1			(0.499)	Mg II 2798		1856	1692				
O		26 39 24	26 24 21.4								1903				
1341+472	PC	13 41 43.7	13 43 46.25	18.20			1.088	C III 1909		1546	1546				
O		47 17 11	47 2 8.2					Mg II 2798							
1341+266		13 41 44.9	13 44 4.23	19.0			2.215	H I 1216		1856	1692				
O		26 36 10	26 21 7.5					C IV 1549			1903				
								C III 1909							
1341+282		13 41 46.7	13 44 4.97	19.5			0.733	C III 1909		1903	2033				
O		28 15 3	28 0 0.5					Mg II 2798							
1341+276		13 41 46.7	13 44 5.33	20.6			1.312	C IV 1549		1903	2033				
O		27 41 37	27 26 34.5					C III 1909							
								Mg II 2798							
1341+002	F864:112	13 41 47.2	13 44 20.89	20.70	.36	−1.03	1.884	C IV 1549		2214	2214				
C		0 17 29	0 2 26.6					C III 1909							
1341-002	F864:158	13 41 50.0	13 44 23.95	21.71	.32	−.17	2.235	H I 1216		2214	2214				
C		−0 13 44	−0 28 46.3					C IV 1549							
1341+262		13 41 52.1	13 44 11.64	20.5			2.340	O VI 1034		1856	1692				
O		26 14 56	25 59 53.7					H I 1216			1903				
								C IV 1549							
1341-002	F864:69	13 41 53.9	13 44 27.87	19.03	.95	−.96	1.373	C III 1909		2214	2214				
C		−0 15 26	−0 30 28.2												
1341+280		13 41 54.3	13 44 12.66	20.2			(0.35)	Mg II 2798		2052	2052				
O		28 5 34	27 50 31.8												
1342+440	NGC 5296	13 42 0	13 44 5.79	19.26	.38	−1.00	0.963	C III 1909		425	425				425ubv
C	BSO 1	44 4 30	43 49 27.8					C II 2326							0.92 arcmin
								Ne IV 2424							from NGC 5296,
								MgVII 2513							2.4arcmin from
								Mg II 2798							NGC 5297,2118
								O III 3133							
								He I 4471							
1342+264		13 42 6.7	13 44 26.06	18.6			1.180	C IV 1549		1856	1692				
O		26 29 7	26 14 5.2					C III 1909			1903				
1342+282		13 42 7.3	13 44 25.54	19.8			0.900	C III 1909		1903	2033				
O		28 13 43	27 58 41.2					Mg II 2798							
1342+028	UM 608	13 42 8.9	13 44 41.27	18			1.51	C IV 1549		922	922				
O		2 53 9	2 38 7.3					C III 1909							
1342-247	M14.25	13 42 13.0	13 45 0.31	19.2			2.8			2277	2277				
		−24 45 56	−25 0 57.5												
1342+389	B3	13 42 14.8	13 44 25.16	17.5			1.533	C III 1909		1990	2270				
R		38 56 31	38 41 29.3					Mg II 2798							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1342+662 R	GC	13 42 17.77 66 17 27.7	13 43 45.84 66 2 25.5	20.0			0.766			510	1464				1464,1526vlbi
1342–000 C	F864:111	13 42 20.8 –0 4 6	13 44 54.67 –0 19 7.3	20.69	.33	–.69	0.852	Mg II 2798		2214	2214				
1342–000 C		13 42 25.64 –0 0 58.6	13 44 59.49 –0 15 59.8	17.8			0.245	H I 4861 O III 4959 O III 5007		2183	1024 2183				
1342+284 O		13 42 33.5 28 26 15	13 44 51.54 28 11 14.0	19.0			2.401	H I 1216 C IV 1549		2052	2052				
1342+270 O		13 42 35.0 27 3 26	13 44 53.93 26 48 25.0	19.0			1.547+	C IV 1549 C III 1909 Mg II 2798		2052	2052				2052BAL
1342+269 O		13 42 35.8 26 56 59	13 44 54.80 26 41 58.1	18.4			1.362	C IV 1549 C III 1909 Mg II 2798		1903	2033				
1342+663 R	GC	13 42 41.06 66 21 12.7	13 44 8.71 66 6 11.3	20			1.347			1465	1464				1464,1526vlbi
1342+276 O		13 42 57.1 27 41 19	13 45 15.57 27 26 18.7	18.7			1.884	H I 1216 C IV 1549 C III 1909		1903	2052				
1343+267 O		13 43 8.8 26 47 48	13 45 27.82 26 32 48.1	19.8			(0.891)	C III 1909 Mg II 2798		2052	2052				
1343–023 O		13 43 13.05 –2 21 55.6	13 45 48.10 –2 36 55.2	18.0			0.509			2183	2183				2183B(J)mag
1343–001 O		13 43 13.96 –0 8 23.8	13 45 47.87 –0 23 23.4	17.9			1.095			2183	2183				2183B(J)mag
1343–280 O		13 43 15.7 –28 5 49	13 46 5.29 –28 20 48.5	18.3	.10		2.274			1799	1799				92.67 arcmin from NGC 5236, 1799,2118
1343+281 O		13 43 22.9 28 10 25	13 45 41.00 27 55 25.6	19.3			0.453	Mg II 2798 H I 4861		2052	2052				
1343+266 O	A IV 26	13 43 24.7 26 40 6	13 45 43.77 26 25 6.6	20.23		–1.23	2.030	H I 1216 Si IV 1397 C IV 1549 He II 1640 C III 1909		1840	1840 1896 1903				1896fc, 1896imag
1343+266 O	B IV 27	13 43 25.4 26 40 5	13 45 44.47 26 25 5.7	20.18*		–1.17	2.030	H I 1216 Si IV 1397 C IV 1549 C III 1909		1840	1840 1896 1903	1896			1896fc, 1896imag 9.5arcsec from A,1840,1896
1343+386 R	4C 38.37 B2	13 43 26.59 38 38 11.4	13 45 36.95 38 23 12.0	18.5			1.844	H I 1216 C IV 1549		033	032		462 774 800		831sp, 1320rpol
1343+284 O		13 43 28.0 28 24 18	13 45 45.93 28 9 18.7	20.2			2.2	H I 1216 C IV 1549		1903	1903				1903phot mag
1343+012 C		13 43 41.75 1 12 5.3	13 46 14.97 0 57 6.6	18.8			(0.487)	Mg II 2798 H I 4340 O III 4363			1024				2183B(J)mag
1343+267 O		13 43 43.7 26 43 11	13 46 2.70 26 28 12.2	18.9			1.195+	C IV 1549 C III 1909		2052	2052				2052BAL?
1343+284 O		13 43 56.6 28 28 53	13 46 14.42 28 13 54.7	18.0			0.659	Mg II 2798 O II 3727		2052	2052				gal 5 arcsec N 2052
1343+259 O		13 43 58.8 25 54 7	13 46 18.29 25 39 8.7	20.5			1.9	H I 1216 C IV 1549		1903	1903				
1344+016 O	UM 611	13 44 3.6 1 37 11	13 46 36.60 1 22 13.0	17			1.92	C III 1909 C II 2326 Mg II 2798		922	2130 LBQS 2183				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1344−027 O		13 44 4.77 −2 45 16.1	13 46 40.04 −3 0 14.1	18.1			0.222			2183	2183				2183B(J)mag
1344+256 O		13 44 5.2 25 37 36	13 46 24.85 25 22 37.9	20.2			2.05	H I 1216 C IV 1549		1903	2052				
1344+264 O		13 44 9.1 26 29 51	13 46 28.19 26 14 53.1	19.1			1.825	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		2052	2052				
1344+257 O		13 44 12.7 25 47 31	13 46 32.23 25 32 33.2	19.0			0.389	Mg II 2798		2052	2052				
1344+273 O		13 44 15.1 27 20 57	13 46 33.62 27 5 59.3	19.6			2.34	H I 1216 C IV 1549		1903	2033				
1344+270 O		13 44 17.8 27 5 1	13 46 36.49 26 50 3.3	19.5			(0.37)	Mg II 2798		1903	2033				
1344+282 O		13 44 20.3 28 12 42	13 46 38.24 27 57 44.4	19.3			2.439	H I 1216 C IV 1549 C III 1909		1903	2033				
1344+282 O		13 44 26.3 28 16 30	13 46 44.18 28 1 32.6	18.6			1.127	C IV 1549 C III 1909 Mg II 2798		2052	2052				
1344+264 O		13 44 26.5 26 24 28	13 46 45.61 26 9 30.6	18.9			1.241	C IV 1549 C III 1909		2052	2052				
1344−024 O		13 44 38.07 −2 27 37.2	13 47 13.19 −2 42 34.1	18.3			0.511			2183	2183				2183B(J)mag
1344+271 O		13 44 44.5 27 7 19	13 47 3.10 26 52 22.2	20.6			2.4	H I 1216 C IV 1549		1903	1903				
1344+025 O		13 44 51.90 2 33 39.8	13 47 24.40 2 18 43.3	18.4			1.313			2183	2183				2183B(J)mag
1344−010 O		13 44 58.06 −1 5 7.8	13 47 32.47 −1 20 4.0	17.6			1.736			2183	2183				2183B(J)mag
1345+273 O		13 45 7.7 27 19 33	13 47 26.12 27 4 37.0	18.9			2.212	H I 1216 C IV 1549 C III 1909		1903	2033				
1345+274 O		13 45 12.6 27 28 58	13 47 30.90 27 14 2.1	19.9			2.118	H I 1216 C IV 1549 C III 1909		1903	2033				
1345+262 O		13 45 12.6 26 14 57	13 47 31.71 26 0 1.1	19.5			2.158	H I 1216 C IV 1549		2052	2052				
1345−016 C		13 45 14.56 −1 37 28.4	13 47 49.25 −1 52 24.1	18.3			1.925+	Si IV 1397 O IV 1402 C IV 1549 C III 1909			1024 2183			1024	
1345+264 O		13 45 14.9 26 24 42	13 47 33.90 26 9 46.2	19.5			1.4	C IV 1549 C III 1909		1903	1903				1903phot mag
1345−000 O		13 45 17.88 −0 0 22.9	13 47 51.72 −0 15 18.5	18.0			0.552			2183	2183				2183B(J)mag
1345−301 O		13 45 40.5 −30 6 21	13 48 31.81 −30 21 15.7	18.9	.20		1.438			1799	1799				95.17 arcmin from NGC 5236, 1799,2118
1345−013 O		13 45 42.11 −1 20 15.1	13 48 16.65 −1 35 9.9	18.4			2.946+			2183	2183				2183B(J)mag Ly limit abs, 2183
1345+280 O		13 45 47.0 28 2 13	13 48 4.86 27 47 18.2	19.2			(1.43)	C IV 1549 C III 1909		2052	2052				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1345+584	4C 58.27	13 45 55.79	13 47 40.90	17.5			2.039	H I 1216		100	100	2174	1818		1818pos,
R	OP 577	58 27 37.3	58 12 42.4					C IV 1549					1891		2266imag
								C III 1909							
1346+013		13 46 1.85	13 48 34.98	18.4			1.930			2183	2183				2183B(J)mag
O		1 21 21.0	1 6 26.8												
1346–036		13 46 8.25	13 48 44.01	17.27	.06	–.38	2.349*	H I 1216	0.4453	409	409			1000	1202pol,
O		–3 38 30.5	–3 53 24.4					Si IV 1397			2199			1747	912xnd,1000,
								O IV 1402			2281			2020	2020sp,
								C IV 1549						2263	1485ubv,
														2268	1983ir
1346+272		13 46 29.0	13 48 47.30	19.6			2.288			2299	2299				
R		27 13 57	26 59 3.6												
1346+111	H1340+010	13 46 31.00	13 48 58.89				2.478	H I 1216		2279	2279				
		11 8 9.3	10 53 16.1					Si IV 1397							
								C IV 1549							
1346+001		13 46 44.05	13 49 17.82	18.9			(3.268)	H I 1216			1024				2183B(J)mag
C		0 7 50.9	–0 7 1.9					Si IV 1397							
								O IV 1402							
1346+001		13 46 48.37	13 49 22.14	18.1			1.127			2183	2183				2183B(J)mag
O		0 7 55.1	–0 6 57.5												
1346–112	UT	13 46 51.4	13 49 31.31	18			0.34	H I 4340		1437	1437		2056		
R		–11 17 59	–11 32 51.5					H I 4861							
								O III 4959							
								O III 5007							
1346–028		13 46 53.45	13 49 28.81	17.7			1.714			2183	2183				2183B(J)mag
O		–2 51 55.6	–3 6 48.0												
1347–004		13 47 0.26	13 49 34.33	17.6			0.515			2183	2183				2183B(J)mag
O		–0 26 10.6	–0 41 2.8												
1347+111	H1340+011	13 47 12.43	13 49 40.27				2.45	O VI 1034		2279	2279				
		11 9 36.0	10 54 44.1					H I 1216							
1347–008		13 47 14.1	13 49 48.40	16.29			0.600			2280	2280				
		–0 51 30	–1 6 21.8												
1347+271		13 47 19.9	13 49 38.16	20.0			2.696			2299	2299				2299BAL
R		27 7 31	26 52 39.3												
1347+112	H1340+012	13 47 25.44	13 49 53.21	18.5			2.697*	H I 1216	2.7423	1440	1440			1550	damped Ly
O		11 16 8.2	11 1 16.8					Si IV 1397	2.6208		2279			1551	alpha,z=
								O IV 1402	2.4709					2115	2.4709,2115
								C IV 1549	0.6036					2228	
														2263	
1347+539	4C 53.28	13 47 42.48	13 49 34.58	17.3			0.976	C III 1909		507	1288		534		538sp,
R	GC	53 56 7.4	53 41 16.1					Mg II 2798					1145		1526vlbi
													1166		
1348+262		13 48 2.6	13 50 21.34	19.1			2.073			2299	2299				
R		26 16 2	26 1 11.7												
1348+384	UT	13 48 5.6	13 50 15.16	18			1.39	C IV 1549		1437	1437				9.65 arcmin
R		38 26 57	38 12 6.7					C III 1909							from NGC 5325A
															7.12 arcmin
															from NGC 5325B
															2118
1348+271		13 48 5.6	13 50 23.76	17.1			1.615			2299	2299				
R		27 7 34	26 52 43.8												
1348–009		13 48 10.37	13 50 44.69	18.1			1.474			2183	2183				2183B(J)mag
O		–0 54 9.3	–1 8 59.2												
1348–012	PKS	13 48 18.62	13 50 53.12	19.40			1.482	C IV 1549		028	1997				1997Bmag
R		–1 13 48.0	–1 28 37.6					C III 1909							
								Mg II 2798							
1348+392	B3	13 48 23.6	13 50 32.41	19.0			1.58	C III 1909		1990	2270				
R		39 14 12	38 59 22.3					Mg II 2798							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1348+007	PKS	13 48 31.02	13 51 4.45	21.92			2.084	H I 1216		1997	1997				1997Bmag
R		0 46 8.4	0 31 19.2					N V 1240							
								C IV 1549							
								C III 1909							
								C II 2326							
								Mg II 2798							
1348+013		13 48 55.23	13 51 28.37	17.0			1.086	C III 1909			1024				2183B(J)mag
C		1 18 27.3	1 3 38.9					Mg II 2798			2183				
1349+281		13 49 5.7	13 51 23.03	18.6			1.693			2299	2299				
R		28 8 16	27 53 27.8												
1349+001	UM 617	13 49 16.75	13 51 50.53	16			1.426	C IV 1549		922	1024				
O		0 7 8.5	–0 7 39.2					He II 1640			2130				
								C III 1909							
								Mg II 2798							
1349+132	H1400+016A	13 49 51.71	13 52 18.20				1.609	C IV 1549		2279	2279				
		13 17 27.5	13 2 41.0												
1349+009		13 49 59.28	13 52 32.60	17.7			1.161			2183	2183				2183B(J)mag
O		0 57 39.5	0 42 53.3												
1350+008		13 50 18.81	13 52 52.17	18.4			0.485			2183	2183				2183B(J)mag
O		0 52 45.0	0 37 59.4												
1351+267	B2.2	13 51 17.99	13 53 35.97	17.18*	–.03	–.96	0.31	Mg II 2798		138	009	924	783		322ubv,877pol,
R		26 46 32.2	26 31 48.5					O III 5007					790		1259imag
													1790		
1351+021	PKS	13 51 18.91	13 53 51.59	19.89	.16	–.96	1.606	C IV 1549		440	436		789		436ubv,1181sp,
R		2 6 37.2	1 51 53.7					C III 1909					1527		1526vlbi,
															1898pos
1351–211	MC	13 51 25.41	13 54 11.47	19.0			1.262	C III 1909		1445	1445				
R		–21 8 28.9	–21 23 12.1					C II 2326							
								Mg II 2798							
1351–018	PKS	13 51 32.08	13 54 6.95	20.89			3.710	O VI 1034		1548	1548		2162		1810pos
R		–1 51 20.6	–2 6 3.6					H I 1216			1997				
								N V 1240							
								Si II 1307							
								C IV 1549							
								C III 1909							
1351+318	B2	13 51 51.16	13 54 5.36	17.4			1.326	C IV 1549		138	152		790		25.98 arcmin
R		31 53 44.6	31 39 2.0					C III 1909					1790		from 3C 293,
								Mg II 2798							2118
1352–104	PKS	13 52 7.8	13 54 47.49	18.4	–.20	–.70	0.332	Mg II 2798		188	058		011		761,1304sp,
R	OP 187	–10 26 26	–10 41 7.8					Ne V 3426					2056		1125ir,
															1485ubv,
															1526vlbi
1352+183	1E	13 52 11.5	13 54 34.83	15.5	.08		0.152	H I 4340		1117	1269		2011		1269ubv,1269,
C	PG	18 20 58	18 6 16.2					H I 4861		1269	1117				1487,2112x,
X	PB 4142							O III 5007							1207,1261imag,
R								H I 6563							1598,1910sp,
															1729,2005ir,
															1941,2061uv
															faint gals
															near,2118
1352+108	H1400+017	13 52 20.93	13 54 48.69	19.4			3.150	O VI 1034		1440	1440				
O		10 50 52.5	10 36 11.1					H I 1216			2279				
								N V 1240							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
1352+011	PG	13 52 25.8	13 54 59.02	16.03			1.121	C III 1909		1117	1450				1352spvar,
C		1 6 50	0 52 8.8					Mg II 2798			1598				1729,2005ir,
															1688imag,
															2112x
															faint gals
															near,2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1352+184	1E	13 52 27.9	13 54 51.13	18.0	.47		0.977	Mg II 2798		1269	1269				1269ubv,1269x
X	PB 4145	18 28 5	18 13 23.8												
1352–007		13 52 51.41	13 55 25.65				(0.422)	Mg II 2798			1024				
C		–0 43 0.7	–0 57 41.0					O II 3727							
1352–203	MC	13 52 58.85	13 55 44.59	19.9			0.627	Mg II 2798		673	673		1888		1704fc
R		–20 23 53.5	–20 38 33.4					Ne V 3426					2056		
1353+118	H1400+008	13 53 17.36	13 55 44.47				2.2	H I 1216		2279	2279				
		11 53 14.7	11 38 35.3												
1353+306	B2	13 53 26.14	13 55 41.04	18.2			1.018	C III 1909		138	152		790		
R		30 38 51.2	30 24 11.9					Mg II 2798					1794		
1353+097	H1400+007	13 53 27.50	13 55 55.85				1.865	C IV 1549		2279	2279				
		9 43 18.4	9 28 39.3												
1353+097	H1400+006	13 53 39.89	13 56 8.22				(1.765)	C IV 1549		2279	2279				
		9 44 53.1	9 30 14.5												
1354–176	MC 3	13 54 9.54	13 56 53.64	19			0.566	Mg II 2798		466	466		2056		693,694fc
R		–17 37 14.3	–17 51 51.8					Ar IV 2854							
								Mg V 2931							
								O III 3133							
								Ne V 3426							
								NeIII 3869							
								H I 4340							
								O III 4363							
								H I 4861							
								O III 4959							
								O III 5007							
1354+213	PG	13 54 11.6	13 56 32.89	15.85			0.300	Mg II 2798		1117	1117				1598sp,1729,
C		21 18 29	21 3 51.4					NeIII 3869							2005ir,2112x
								H I 4861							faint gals
								O III 4959							near,2118
								O III 5007							
1354–266	M15.15	13 54 26.55	13 57 16.62	17			0.134			2193	2194				
O		–26 36 24.7	–26 51 1.5												
1354–152	PKS	13 54 28.62	13 57 11.27	19.0			1.89	Si IV 1397			1304				761sp,1241x,
R	OP 192	–15 12 52.1	–15 27 28.9					O IV 1402							1526vlbi,
X								C IV 1549							1789mm,
								C III 1909							1810pos,
															2103pol
1354+195	PKS	13 54 42.08	13 57 4.43	16.30*	.18	–.55	0.719	Mg II 2798	0.457	111	101	007	128	560	007,059,
R	4C 19.44	19 33 43.9	19 19 7.4					Ne V 3426			2251	080	462	2228	112ubv,156,
	OP 191							NeIII 3869				212	775		1202,2103pol,
	VR19.13.06							H I 4102				248	789		1112,1526vlbi,
	DA 354											252	979		936rvar,
												258	1145		749pos,1530ir,
												290	1152		086,112fc,
												506	1804		324sp,1789mm
												875			1902avg Bmag;
												920			faint gals
												1068			near,2118
												1142			
												1902			
1354+258	OP 291	13 54 48.39	13 57 6.55	18.5			2.006*	H I 1216	2.0013	100	100		023	2049	831sp,1818pos,
R	PKS	25 52 5.5	25 37 29.2					Si IV 1397	1.4205		2049		202	2263	202fc,
	B2							O IV 1402	0.8856		2281		1818		2266imag
								C IV 1549	0.8585				1891		
								He II 1640							
								O III 1663							
								C III 1909							
1354+048		13 54 55.3	13 57 26.40	17.8	.10		1.234			1650	1650				near NGC 5364,
O		4 50 18	4 35 42.0												1650,2118
1355–246	M15.19	13 55 10.6	13 57 59.37	17.9			1.37			2277	2277				
		–24 37 15	–24 51 50.3												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1355–416 R	PKS MSH 13–45	13 55 56.83 –41 38 16.7	13 58 59.86 –41 52 50.2	15.86*	–.10	–.89	0.313	Mg II 2798 Ne V 2974 Ne V 3426 O II 3727 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		103	115	745	023 387 2056		761,1304,1420, 2229sp,780, 886ir,940ext, 1222elp,300fc, 1485ubv, 1420FeIIem, 1483rvar, 1526vlbi, 2145imag 57 arcmin from NGC 5408,1650, 2118
1356–227	M15.17	13 56 32.2 –22 43 12	13 59 19.82 –22 57 44.4	19.1			2.11			2277	2277				
1356+581 R	4C 58.29 OP 594	13 56 37.05 58 6 33.7	13 58 18.43 57 52 0.7	17.37	–.05		1.375	Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798		100	1288 100 2281		507 534 1166 1320		704,1202pol, 1320rpol, 1451ubv, 2251sp
1356+022 R	PKS	13 56 54.65 2 14 27.1	13 59 27.21 1 59 55.4	18.29	.28	–.82	1.329	C IV 1549 C III 1909 Mg II 2798		026	436 748		351 789 1395		436ubv,1032, 1181sp, 1526vlbi
1356–201 R	MC	13 56 54.95 –20 9 38.8	13 59 40.91 –20 24 10.4	19.3			1.970	C IV 1549 C III 1909 Mg II 2798		673	673		1818 2056		1704fc
1356+081	H1400+001	13 56 55.63 8 6 10.6	13 59 24.79 7 51 38.9				2.349+	H I 1216 C IV 1549		2279	2279			2279	
1357–024 X	1E	13 57 31.1 –2 28 0	14 0 6.37 –2 42 30.4	18.1	–.11		(0.416)	Mg II 2798		1269	1269				1279ubv, 1910sp
1358+043 C	PG	13 58 0.64 4 19 27.4	14 0 31.97 4 4 58.1	16.31	.08	–.83	0.427	H I 4861 O III 5007			487 491 1700				1028,1202pol, 799,1617ir, 1028mm,1420sp, 1420FeIIem, 1598ubv,1688, 1700imag faint gals near,2118
1358+391 O	SP 1	13 58 6 39 8 54	14 0 12.88 38 54 24.6	17.0			3.3 *			2028	2027	2174			Ly limit abs, 2247
1358+115 O	H1400+009	13 58 11.76 11 34 52.9	14 0 38.79 11 20 23.9	16.5			2.571+	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1440	1440 2279				1685sp Ly alpha abs, 1870
1358+000 O	UM 627	13 58 37.0 0 1 24	14 1 10.83 –0 13 4.0	16			1.865	C III 1909 Mg II 2798		922	2130				
1358+113	H1400+010	13 58 42.71 11 23 46.7	14 1 9.83 11 9 18.9				2.078	H I 1216 C IV 1549		2279	2279				
1358–135	R15.03	13 58 56.0 –13 31 21	14 1 37.90 –13 45 48.2	18.7 *			3.1			2277	2277				
1359–058 O R		13 59 3.81 –5 53 56.5	14 1 41.12 –6 8 23.5	17.8	.20		1.996+	H I 1216 N V 1240 O I 1304 O IV 1402 C IV 1549 He II 1640		409 1799	1799 409		1162		1799BAL 54.5 arcmin from NGC 5426 and NGC 5427, 1799,2118
1359–155	R15.07	13 59 30.3 –15 30 31	14 2 13.48 –15 44 57.0	17.58			2.45			2277	2277				
1400+114 O		14 0 10.46 11 26 53.4	14 2 37.47 11 12 28.8	18.9			3.174	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1440	1440				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1400+162 BL Lac R X	4C 16.39 OQ 100 MC 3	14 0 20.52 16 14 20.9	14 2 44.53 15 59 56.6	16.37*	.58	–.54				343		970	489 1086 1127 1160 1171 1200 1323 1361 1367 1557 1708		703pol,1337, 1485ubv,778, 1057,1088, 1307,2112x, 1012,1141ir, 1164mf, 1049phot,1207, 1261,1884imag, 124,317fc, 019sp, 1526vlbi 0.245zgal,317, 553;faint gals near,2118; IRAS source, 1806
1400+001 O	UM 629	14 0 49.6 0 8 15	14 3 23.37 –0 6 8.1	18			2.50	O VI 1034 H I 1216		922	922				
1400+095 O	H1400+004	14 0 58.34 9 35 8.2	14 3 26.45 9 20 45.3	18.5			2.980	H I 1216 C IV 1549		1440	1440 2279				9.03 arcmin from NGC 5424, 6.35 arcmin from NGC 5431, 8.07 arcmin from NGC 5434B 6.27 arcmin from NGC 5434A 9.02 arcmin from NGC 5469, 2118
1401+098 X	1E	14 1 43.2 9 51 59	14 4 11.11 9 37 37.8	16.2	–.10		0.441	Mg II 2798 NeIII 3869 H I 4340		1269	1314 1269 1968				1269ubv, 1910sp, 2145imag 8.62 arcmin from NGC 5436, 9.53 arcmin from NGC 5437, 6.73 arcmin from NGC 5438, 2118
1402–012 R X	PKS UM 632	14 2 11.30 –1 16 1.9	14 4 45.91 –1 30 22.0	17.16*	.21	–.27	2.522*	H I 1216 N V 1240 C IV 1549 C III 1909	2.3739 2.2078 1.9242 0.8903	026	436 748 922 2049 2281	1068 1902	789	2049 2263	436ubv,1181sp, 1526vlbi, 1686x,1810pos 1902avg ph mag
1402+042 BL Lac X R	1E	14 2 19.7 4 16 21.4	14 4 50.99 4 2 1.6	17.5 *						778 1416		1577 1764	991 1416 2083		778,1481pol, 1048,2107, 2112x, 1577xvar, 2259imag
1402+044 R X	PKS	14 2 30.03 4 29 55.2	14 5 1.18 4 15 35.8	18.5			3.211+	LYB 1026 O VI 1034 H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		456	456 412 475 493 500 2049 2281		1170	911	912x,1382mm, 597,761,911, 986,1304sp, 1092ir,475fc, 1526vlbi, 1810pos, 2049noabs
1402+436	CSO 409	14 2 37.6 43 41 27	14 4 38.73 43 27 7.5	16.5			0.320			1860 2026	1860				IRAS source, 1860
1402+288 O		14 2 44.0 28 50 39	14 4 58.94 28 36 19.9	19.4			1.91			2278	2278				2278uv, 2278BAL
1402+288 O		14 2 45.1 28 53 23	14 5 0.00 28 39 4.0	20.4			1.43			2278	2278				2278uv
1402+261 C X R	PG TON 182	14 2 58.8 26 9 59	14 5 15.75 25 55 40.5	15.57			0.164	H I 4861		144	1117		2011		1487,1980, 2112x,1598sp, 1729,2005ir, 1700imag faint gals near,2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1403+120	H1400+011	14 3 3.72	14 5 30.19				1.458	C IV 1549		2279	2279				
		12 4 52.2	11 50 34.0												
1403–085	PKS	14 3 21.88	14 6 0.94	19			1.763	H I 1216		188	501		011		761,1304sp,
R	DW	–8 33 56.8	–8 48 14.2					N V 1240							149fc,
								Si IV 1397							1526vlbi
								O IV 1402							
								C IV 1549							
1404+107	H1400+016	14 4 33.28	14 7 0.53				2.00	H I 1216		2279	2279				
		10 43 39.2	10 29 24.4					Si IV 1397							
								C IV 1549							
1404–049		14 4 53.9	14 7 30.77	15.79			0.380			2280	2280				
		–4 55 56	–5 10 9.9												
1404–342	PKS	14 4 57.17	14 7 54.93	20.1			1.122	C III 1909		1861	1861		1861		
R		–34 17 14.8	–34 31 28.3					Mg II 2798							
1405+261		14 5 37.1	14 7 53.71	18.7			(2.1)	H I 1216		1438	1438				
O		26 11 20	25 57 7.5					C IV 1549							
1405–010	UM 638	14 5 43.1	14 8 17.57	18			1.96	H I 1216		922	922				
O		–1 0 20	–1 14 32.1					O IV 1402							
1405–287	PKS	14 5 56.26	14 8 49.48	19			0.575	Mg II 2798		412	501		011		761,1304sp
R		–28 46 8.4	–29 0 19.7					Ar IV 2869					2056		
								O II 3727							
								NeIII 3869							
								H I 4102							
1406+123	H1400+012	14 6 12.40	14 8 38.53	18.9			2.970*	H I 1216	2.252	1440	1440			1550	prob damped
O		12 21 20.5	12 7 9.5						1.835		2279			1551	Ly alpha,2263
														2263	
														2279	
1406–076	PKS	14 6 17.94	14 8 56.53	18.4			1.494	C III 1909		011	500		011		761,1304sp,
R	OQ 010	–7 38 15.9	–7 52 26.6					C II 2326							1125ir,
								Mg II 2798							1526vlbi
1406+267		14 6 25.4	14 8 41.49	18.9			(1.9)	H I 1216		1438	1438				
O		26 43 54	26 29 43.4					C IV 1549							
1406+492	CSO 609	14 6 35.7	14 8 28.67	17			(2.13)	H I 1216		2025	2025				
O		49 16 24	49 2 13.4					C IV 1549							
1407+265	PG	14 7 7.7	14 9 23.85	15.73			0.944	C III 1909		1117	1117		2011		1487,1781,
C		26 32 30	26 18 21.0					Mg II 2798		1438					1980,2112x,
X															1598,2251sp,
R															1729,2005ir
															7.83 arcmin
															from ZWG
															162.065,1650;
															faint gals
															near,2118;
															z questioned,
															2011
1407+268		14 7 15.6	14 9 31.50	20.9			(1.9)	H I 1216		1438	1438				
O		26 50 47	26 36 38.3					C IV 1549							
1407+022	PKS	14 7 32.21	14 10 4.64	18.65	.39	–.45				026			789		436ubv,436sp,
BL Lac R		2 17 14.9	2 3 7.0										1086		2112x
1407+264		14 7 32.4	14 9 48.56	21.1			(3.0)	H I 1216		1438	1438				
O		26 27 55	26 13 47.0												
1408+269		14 8 2.7	14 10 18.41	18.6			(2.3)	H I 1216		1438	1438				
O		26 57 48	26 43 41.1					C IV 1549							
1408+262		14 8 17.0	14 10 33.23	20.3			(2.1)	H I 1216		1438	1438				
O		26 15 30	26 1 23.7					C IV 1549							
1408+020		14 8 17.0	14 10 49.54	19.4			0.199			1268	1455		1268		1268,1455x
X		2 5 40	1 51 33.9							1455					IRAS source,
															1806
1408+266		14 8 41.4	14 10 57.28	18.3			(1.9)	H I 1216		1438	1439				
O		26 39 9	26 25 3.6					C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1408+009 O	UM 645	14 8 50.1 0 56 57	14 11 23.36 0 42 52.2	18			2.27	H I 1216 C IV 1549		922	922				
1408+126	H1400+013	14 8 58.74 12 39 51.4	14 11 24.52 12 25 46.8				2.057	H I 1216 C IV 1549		2279	2279				
1409+732 O		14 9 11.9 73 13 34	14 9 47.90 72 59 28.0	21			3.56 +	H I 1216 N V 1240 Si IV 1397 C IV 1549		1741	1741				
1409+524 X R	1E	14 9 32.6 52 28 3.2	14 11 19.72 52 13 59.4	22.03*			1.29	C III 1909 Mg II 2798		1461	1461	1461	1461		1461x 1.83 arcmin from 3CR 295, 1461,2118
1409+344 R	UT	14 9 46.2 34 29 16	14 11 55.29 34 15 13.1	18.5			1.82	C IV 1549 C III 1909		1437	1437				
1409+095 O	H1400+015	14 9 49.39 9 30 28.8	14 12 17.19 9 16 26.3	18.6			2.856*	O VI 1034 H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.670 2.459 2.025	1440	1440 2279			2243 2279	damped Ly alpha, 2243; Ly limit abs, 2247
1410+096 O	H1420+003	14 10 52.92 9 36 6.0	14 13 20.61 9 22 6.0	18.8			3.340	H I 1216		1440	1440 2279				
1412+094		14 12 25.6 9 25 10	14 14 53.35 9 11 13.7	17.4			1.70				1494				
1412+089		14 12 43.5 8 58 2	14 15 11.54 8 44 6.4	18.4			0.50				1494				
1412+003 O	UM 651	14 12 45.9 0 19 28	14 15 19.54 0 5 32.5	18			1.931	O IV 1402 C IV 1549 C III 1909		922	2199				
1413+099	H1420+025	14 13 1.94 9 57 21.6	14 15 29.31 9 43 26.7				1.648	C IV 1549		2279	2279				
1413+099	H1420+024	14 13 11.52 9 58 12.1	14 15 38.87 9 44 17.6				2.03	H I 1216 N V 1240 C IV 1549		2279	2279				
1413+092		14 13 16.4 9 17 16	14 15 44.20 9 3 21.7	19.3			0.20				1494				
1413+117 O		14 13 20.09 11 43 38.1	14 15 46.26 11 29 43.9	16.70			2.551*	O VI 1034 H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.069 1.867 1.6601	1227	1479 1227	2174	1213 2169	1227 1293 1756 2228 2263	1201pol,1227, 1293BAL, 2131sp grav lens, 4 components, 1920,2295;
1413+373 R	UT	14 13 22.8 37 20 12	14 15 28.49 37 6 17.7	18			2.36	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1437	1437				
1413+090		14 13 33.4 9 1 45	14 16 1.36 8 47 51.4	18.7			2.35				1494				
1413+135 BL Lac R X	PKS	14 13 33.9 13 34 18	14 15 58.81 13 20 24.4	20						166			1212 1229 1557		1264,1357mf, 1088,1350, 1356,2112x, 2258,2259imag, 1526vlbi, 1721rvar, 1789mm,1988, 2062pol 0.26zgal,1264 IRAS source, 1806
1413−212	J15.32	14 13 53.9 −21 17 53	14 16 42.26 −21 31 45.5	17.9			2.3			2277	2277				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1414-251 O	M16.11	14 14 4.46 -25 10 20.5	14 16 55.83 -25 24 12.6	15.5			0.236			2193	2194				
1414+095		14 14 10.4 9 31 8	14 16 38.01 9 17 15.9	19.2			2.00				1494				
1414+087		14 14 11.2 8 44 23	14 16 39.33 8 30 30.9	19.1			2.00				1494				
1414-171	R16.21	14 14 27.3 -17 9 35	14 17 12.68 -17 23 26.2	17.7 *			2.54			2277	2277				
1414+089 O		14 14 29.89 8 59 31.3	14 16 57.84 8 45 40.0	18.6			2.650*	N V 1240 C IV 1549	2.63 2.60 2.513 2.336	1227	1227			1062 1227	1208,1227BAL
1414+256 O		14 14 29.9 25 36 42	14 16 45.91 25 22 50.5	19.6			1.80	H I 1216 C IV 1549		1439	1439				
1414+092		14 14 35.4 9 12 0	14 17 3.21 8 58 8.9	18.4			2.35				1494				
1414+088		14 14 38.1 8 50 37	14 17 6.15 8 36 46.0	18.8			2.30				1494				
1414+252 O		14 14 49.7 25 13 34	14 17 5.97 24 59 43.3	19.7			1.83	H I 1216 C IV 1549		1439	1439				
1414+347 R	UT CSO 429	14 14 50.2 34 42 43	14 16 58.23 34 28 52.2	18			0.75	Mg II 2798		1437 2026	1437				
1414+251 O		14 14 59.5 25 6 2	14 17 15.86 24 52 11.7	18.7			1.87	H I 1216 C IV 1549		1439	1439				
1415+252 X	1E	14 15 2.3 25 13 22.8	14 17 18.55 24 59 32.7	20.5			1.057	C III 1909 Mg II 2798		1416	1416				1048x
1415+451 C	PG CSO 622	14 15 4.3 45 9 57	14 17 0.65 44 56 6.6	15.74			0.114	H I 4861 O III 5007		1117 2025	1117		2011		1598sp,1729, 2005ir,2061uv, 2112x faint gals near,2118
1415+254 X	1E	14 15 6.6 25 27 26.3	14 17 22.66 25 13 36.3	20.0			0.560	Mg II 2798 Ne V 3426 O II 3727 H I 4340		1416	1416				1048x 9.35 arcmin from NGC 5548, 2118
1415+254 O		14 15 8.3 25 28 45	14 17 24.34 25 14 55.1	19.3			2.31	H I 1216 C IV 1549		1439	1439				9.88 arcmin from NGC 5548, 2118
1415+087		14 15 8.6 8 47 28	14 17 36.66 8 33 38.3	19.8			2.50				1494				
1415+089		14 15 11.2 8 58 37	14 17 39.14 8 44 47.4	19.0			2.35				1494				
1415+463 R	4C 46.29 OQ 425 CSO 623	14 15 13.47 46 20 55.5	14 17 8.21 46 7 5.5	17.9			1.552	C IV 1549 C III 1909		507 2025	538		534 945 993 1145 1166 2092		1526vlbi
1415+093	H1420+012	14 15 40.9 9 21 27	14 18 8.56 9 7 38.6	18.8			2.512	H I 1216 N V 1240 Si IV 1397 C IV 1549		2279	1494 2279				
1415+259 BL Lac X R	1E	14 15 41.3 25 57 14.8	14 17 56.89 25 43 26.2	16 *						1573		1800	1573		1573,1800pol, 1764,2107, 2112x IRAS source, 1806;0.237zgal 1573;35 arcmin from NGC 5548, 1764,2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1415+172 R	OQ 125 MC 3	14 15 41.61 17 17 12.8	14 18 3.78 17 3 24.3	17.46	.50	–.94	0.821	C III 1909 Mg II 2798		166	009		1111 1888		1202pol,020, 343fc,1451ubv
1416+091		14 16 12.2 9 9 42	14 18 39.97 8 55 54.9	19.7			2.010				1494				
1416–129 C X R	PG	14 16 21.3 –12 56 58	14 19 3.84 –13 10 44.6	15.40			0.129+	H I 4861 O III 4959 O III 5007		1117	1117		2011		1487,1678, 1781,2112x, 1222elp,1195, 1753xvar, 1598sp,1646, 2061uv, 1646BAL,1729, 2005ir, 1798uvabs
1416+091		14 16 23.3 9 6 14	14 18 51.11 8 52 27.3	17.0			2.015	C III 1909 Mg II 2798			1494 2251				
1416+136	H1400+082	14 16 24.51 13 38 44.7	14 18 49.20 13 24 58.0				(0.591)	Mg II 2798		2279	2279				
1416+159 R	MC 3	14 16 27.67 15 54 52.1	14 18 50.76 15 41 5.5	17.75	.37	–.74	1.478*	C III 1909 Mg II 2798	1.478 1.473	343	019 1901		1111	560 2228 2263	1202pol, 1485ubv
1416+067 R X	3CR 298 4C 06.49 PKS OQ 027.7 NRAO 441 DA 364 MSH 14+05	14 16 38.78 6 42 20.9	14 19 8.19 6 28 34.9	16.79	.33	–.70	1.439*	C IV 1549 C III 1909 Mg II 2798	1.4405 1.4380 1.3746 1.2729	050	102 571 1901		128 462 777 789 801 816 1393 1792 1804 1891 2000	102 560 571 1635 1749 2228 2263	008ubv, 1202pol, 1018phot, 749pos,696, 912,1107, 1980x, 1526vlbi,161, 182,295fc, 1983ir faint gals near,1260,2118
1416+254 X	1E	14 16 42.2 25 24 11.3	14 18 58.12 25 10 25.2	18.7			0.674	Mg II 2798		1416	1416				1048x
1417–250	M16.09	14 17 1.1 –25 4 29	14 19 52.73 –25 18 13.8	18.0			1.88			2277	2277				
1417+385 R	UT B3	14 17 43.0 38 35 32	14 19 46.56 38 21 48.3	19.3			1.832	H I 1216 C IV 1549 C III 1909		1437 1990	1437 2270				2144rvar
1418+546 BL Lac R X	OQ 530 GC CSO 633	14 18 6.17 54 36 57.1	14 19 46.59 54 23 13.9	15.91*	.66	–.50				670 2025		669 1902 2054 2129	534 837 988 1367 1557 1771 1807		670,877,1098, 1541,1730, 1809,1988, 2046,2062, 2167pol,1243, 1649mf,1348uv, 1013,1056, 1407phot,899, 1388rpol,856, 1012,1141, 1144ir, 1337ubv, 865pos,829, 2107,2112x, 669,1003sp, 510fc, 1526vlbi, 1789mm, 2259imag 1902avg Bmag
1418+020 O	UM 655	14 18 15.4 2 2 48	14 20 47.89 1 49 6.0	18			1.71	C III 1909 Mg II 2798		922	2130				
1419+104 O	H1420+036	14 19 18.64 10 24 50.4	14 21 45.43 10 11 11.0	19.3			2.722	H I 1216 C IV 1549		1440	1440 2279				
1419+315 R	B2	14 19 19.39 31 32 43.7	14 21 29.69 31 19 4.1	20.90			1.547	C IV 1549 C III 1909		1785	1785		1785		1785imag

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1420+326 R	OQ 334 B2	14 20 20.66 32 36 40.2	14 22 29.82 32 23 3.1	17.5			(0.685)	Mg II 2798		100	100		1888		1320rpol
1421+122 R	DW OQ 135 PKS	14 21 4.69 12 13 26.7	14 23 30.13 11 59 51.8	18.04*	.14	-.97	1.611*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909	1.3603	020	020 100	1201	789	1000 1747 2228 2263	1202pol,129fc, 1485ubv, 1526vlbi
1421-382 R	PKS MSH 14-34	14 21 11.6 -38 12 55	14 24 16.19 -38 26 29.1	16.87	.04	-.54	0.407	Mg II 2798 NeIII 3869 H I 4102 H I 4340 H I 4861 O III 5007		300	1968 115		023 2056		1320rpol, 1485ubv, 2145imag
1421+330 C	MKN 679 CSO 441	14 21 17.52 33 5 55.5	14 23 26.07 32 52 20.8	16.70	.29	-1.05	1.904*	H I 1216 N V 1240 Si IV 1397 C IV 1549 He II 1640 O III 1663 C III 1909	1.7590 1.7177 1.7010 1.5847 1.462 0.4565	201 2026	009			560 1242 1635 1969 2228 2263	704,1202pol, 853rnd,1113, 1242,2251sp, 1451ubv, 1478fc, 2174varnd rnd at 11cm, 1757
1421-002		14 21 29.8 -0 13 24	14 24 3.81 -0 26 57.8	16.02			0.151			2280	2280				
1421+201 O	KP 45	14 21 36.9 20 8 50	14 23 56.47 19 55 16.3	19			1.48	C IV 1549 C III 1909		457	457 867				853rnd 23.72 arcmin from 3C 300, 2118
1421+359 R	UT	14 21 44.1 35 56 6	14 23 49.75 35 42 32.4	17.5			1.57	C IV 1549 C III 1909		1437	1437				
1422+231 R		14 22 21.0 23 9 32.7	14 24 38.12 22 56 0.9	16.5			3.62	H I 1216 N V 1240		2282	2282				2283ir grav lens 2282 2283,2295
1422+108	H1420+045	14 22 22.65 10 52 40.5	14 24 48.98 10 39 8.9				2.236	H I 1216 N V 1240 Si IV 1397 C IV 1549		2279	2279				
1422+202 R X	4C 20.33 PKS OQ 235 DA 367	14 22 37.56 20 13 57.4	14 24 56.97 20 0 26.3	17.86	.44	-.69	0.871	C III 1909 Mg II 2798 Ar IV 2854		202	102 083		128 462 774 775 1170 1557 1584 1792		059,083ubv, 1201pol,831sp, 912,1980x, 1241xnd,033, 203fc,1926, 2180spext
1422+200 O	KP 46	14 22 58.9 20 1 50	14 25 18.44 19 48 19.8	20.0			(2.0)			457	853				854rnd
1423+199 O	KP 47	14 23 21.4 19 59 33	14 25 40.94 19 46 3.8	19.5			1.82	H I 1216 C IV 1549		457	867 457				853rnd
1423+146 R	UT	14 23 25.6 14 38 26	14 25 49.16 14 24 57.0	19			0.78	C III 1909 Mg II 2798		1437	1437				
1423+202 O	KP 49	14 23 33.4 20 16 12	14 25 52.70 20 2 43.3	20.5			2.24	O VI 1034 H I 1216		457	867 457				853rnd
1423+201 O	KP 48	14 23 33.4 20 10 3	14 25 52.78 19 56 34.3	20.5			1.82			457	853				853rnd
1423+242 R	4C 24.31 CTD 87 OQ 236 PKS	14 23 34.67 24 17 32.1	14 25 50.74 24 4 3.4	17.2			(0.649)	Mg II 2798		033	032		462 774 775 1111 1584 1888		1201pol,831sp, 052,1478fc
1423+203 O	KP 50	14 23 37.1 20 22 59	14 25 56.31 20 9 30.5	20			1.28	C IV 1549 C III 1909		457	457 867				853rnd

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1423+101		14 23 43.81	14 26 10.61	18.4			2.775	O VI 1034		1440	1440				
O		10 7 38.1	9 54 10.0					H I 1216			565				
1423+201	KP 51	14 23 48.0	14 26 7.35	20.5			(2.27)	H I 1216		457	867				853rnd
O		20 11 16	19 57 47.9								457				
1424–001		14 24 24.6	14 26 58.54	16.31			0.632			2280	2280				
		–0 7 30	–0 20 56.3												
1424–418	PKS	14 24 46.72	14 27 56.35	17.7			1.522	O IV 1402		300	1861		1861		1800,2103pol
R		–41 52 54.4	–42 6 19.2					C IV 1549			1984		2056		
								C III 1909							
								Mg II 2798							
1424–118	PKS	14 24 55.97	14 27 38.17	16.49	.42	–.70	0.806	Mg II 2798		494	1304		023		761sp,780ir,
R	OQ 141	–11 50 25.6	–12 3 50.4								058				307fc,1485ubv
	MSH 14–110										500				
1425–136	R16.06	14 25 2.9	14 27 46.43	17.19			2.00			2277	2277				
		–13 38 20	–13 51 44.5												
1425+200	MKN 813	14 25 5.7	14 27 25.04	15.0			0.111			1276	1414				
C		20 3 17	19 49 52.3								1979				
1425+267	TON 202	14 25 21.85	14 27 35.63	15.68*	.20	–.73	0.362	Mg II 2798		144	1467	1142	775		204,205,
C	B2	26 45 38.8	26 32 14.7					H I 4861			204		790		322ubv,1355,
X	OQ 242							O III 4959					853		1693,1941uv,
R	PB 3638							H I 6563					1790		1222elp,1028,
	PG												2011		1202pol,1183,
															1487,2112x,
															749pos,799,
															2005ir,1117sp,
															1028mm,1133,
															1362ext,
															1478fc,
															1469FeIIem
															1207,1259,1261
															1700imag/ext;
															4.48 arcmin
															from spiral
															gal,0.0141zgal
															1650,2118;
1425–274	PKS	14 25 33.6	14 28 28.26	16.0			(1.082)			188	1304		011		761sp,
R		–27 28 28	–27 41 51.0										2056		1526vlbi
1426–015		14 26 28.10	14 29 3.03	17.4	.64	1.96	3.42			2063	2063				2063rmag
O		–1 31 57.5	–1 45 18.4												
1426+295	B2	14 26 32.62	14 28 43.77	18.5			(1.421)	C IV 1549		113	009		790		
R	OQ 244	29 32 26.9	29 19 5.9					C III 1909					1794		
1426+428	HEAO	14 26 35.9	14 28 32.57	16.45	.50	–.55				2034	2034				2107x,2034ubv,
BL Lac X		42 53 46	42 40 24.8							2260					2259imag
															0.129zgal,
															17.6vgal,2034
1427+480	PG	14 27 53.9	14 29 42.98	16.33			0.221	H I 4861		1117	1117				1222elp,
C	CSO 658	48 0 47	47 47 29.1					O III 4959		2025					1598sp,1729,
								O III 5007							2005ir,2112x
															faint gals
															near,2118
1428+498	NGC 5660	14 28 3	14 29 49.06	17.3			0.205				547				8.05 arcmin
C	UB 2	49 50 42	49 37 24.4												from NGC 5660,
															1650,2118
1428+020		14 28 8.36	14 30 40.77	17.8			2.106			2183	2183				2183B(J)mag
O		2 2 58.0	1 49 41.5												
1428–238	M16.08	14 28 26.3	14 31 18.13	17.3			1.88			2277	2277				
		–23 50 31	–24 3 46.4												
1429–010		14 29 7.22	14 31 41.79	17.0			0.659			2183	2183				2183B(J)mag
O		–1 0 16.9	–1 13 30.8												
1429–006		14 29 9.39	14 31 43.69	17.8			1.179			2183	2183				2183B(J)mag
O		–0 36 57.7	–0 50 11.5												

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1429+014 O		14 29 16.50 1 27 44.6	14 31 49.32 1 14 31.1	18.1			1.091			2183	2183				2183B(J)mag
1429+118 O	H1420+086	14 29 47.21 11 53 5.7	14 32 12.46 11 39 53.5	18.6			3.010+	H I 1216 C IV 1549		1440	1440 2279			2279	
1429–027 O		14 29 48.86 –2 46 36.3	14 32 24.70 –2 59 48.3	18.6			0.853			2183	2183				2183B(J)mag
1429+160 R	MC 3	14 29 53.44 16 1 34.5	14 32 15.55 15 48 22.5	19			1.005	C III 1909 C II 2326 Mg II 2798		343	019		1111		910rvar
1429–008 O		14 29 54.63 –0 53 4.1	14 32 29.12 –1 6 15.9	17.74			2.078	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		2036 2183	2036 2183				2036rmag grav lens,two images,sep 5.14 arcsec, rmag sec image 20.77,2036
1429–006 O		14 29 56.72 –0 39 17.2	14 32 31.05 –0 52 28.9	18.2			0.361			2183	2183				2183B(J)mag
1429+016 O		14 29 57.80 1 37 47.7	14 32 30.49 1 24 36.1	17.8			1.533			2183	2183				2183B(J)mag
1430+626 X	E	14 30 4 62 37 47	14 31 19.30 62 24 34.2	18.8			0.402	H I 4861 O III 5007		1417	1417				1417x
1430–007 O		14 30 9.92 –0 46 4.0	14 32 44.33 –0 59 15.1	17.8			1.022			2183	2183				2183B(J)mag
1430–178 R	PKS OQ 151 MC	14 30 10.56 –17 48 23.2	14 32 57.60 –18 1 34.1	19.5			2.331	LYB 1026 O VI 1034 H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 4155 C II 4267		188	501		011 2056		761,1304, 1445sp,865pos, 1445fc, 1526vlbi
1430+101 C	NGC 5669 UB 1	14 30 18 10 6 36	14 32 44.55 9 53 25.2	17.7			0.766			540	540				1.17 arcmin from anon gal, 0.0046zgal,6.0 arcmin from NGC 5669,2118
1430+054 X	1E	14 30 27.4 5 27 12.6	14 32 57.34 5 14 2.2	17.92			0.202	H I 4340 H I 4861		1233	1233				1233x
1430–006 O		14 30 46.97 –0 41 36.1	14 33 21.33 –0 54 45.5	16.4			1.116			2183	2183 2280				2183B(J)mag
1431+017 O		14 31 15.51 1 42 46.4	14 33 48.13 1 29 38.2	18.2			0.211			2183	2183				2183B(J)mag
1431–166	R17.08	14 31 41.8 –16 36 20	14 34 28.00 –16 49 26.8	17.3 *			2.45			2277	2277				
1432+489 C	NGC 5682 BSO 1	14 32 54.4 48 54 42.6	14 34 40.73 48 41 38.1	19.2			1.94	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909 MgVII 2513 MgVII 2632 Mg II 2798		206	206				1.58 arcmin from NGC 5682, 2.63 arcmin from NGC 5683, 8.17 arcmin from NGC 5689, 2118
1433+023 O		14 33 7.57 2 23 49.3	14 35 39.68 2 10 46.2	18.2			2.142			2183	2183				2183B(J)mag
1433+001 O		14 33 8.87 0 7 22.2	14 35 42.64 –0 5 40.8	18.4			0.965			2183	2183				2183B(J)mag
1433+177 R	4C 17.59 OQ 155 MC 3	14 33 36.12 17 42 36.5	14 35 56.65 17 29 34.5	18.2	.32	–1.35	1.203	C IV 1549 C III 1909 Mg II 2798		020	020 436 458		789 1111 1145		436ubv, 1320rpol,124, 343fc

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1433+001		14 33 46.27	14 36 19.98	18.5			0.583			2183	2183				2183B(J)mag
O		0 11 48.6	−0 1 12.7												
1433−002		14 33 50.74	14 36 24.79	17.8			0.325			2183	2183				2183B(J)mag,
O		−0 16 3.3	−0 29 4.4												2183neml
1433−004		14 33 54.22	14 36 28.39	18.6			2.042			2183	2183				2183B(J)mag
O		−0 25 39.0	−0 38 39.9												
1434−006		14 34 10.67	14 36 45.00	18.5			1.274			2183	2183				2183B(J)mag
O		−0 38 50.1	−0 51 50.3												
1434−009		14 34 15.55	14 36 50.13	18.2			1.673			2183	2183				2183B(J)mag
O		−0 59 27.8	−1 12 27.8												
1434+003		14 34 30.45	14 37 4.06	17.5			0.14			2183	2183				2183B(J)mag
O		0 20 4.8	0 7 5.5												
1434−076	PKS	14 34 39.3	14 37 18.83	17.5			0.697	Mg II 2798		188	1304		011		761sp
R	OQ 058	−7 40 44	−7 53 42.8								522				
1435−311	PKS	14 35 11.40	14 38 10.80	19.0			1.29	C IV 1549		031	1004		384		1004fc
R		−31 9 29.4	−31 22 26.4					C III 1909					2056		
								Mg II 2798							
1435−015		14 35 13.23	14 37 48.24	16.0			1.310			2183	2183				2183B(J)mag
O		−1 34 13.5	−1 47 10.8								2280				
1435−218	PKS	14 35 18.66	14 38 9.47	17.9			(1.194)	Mg II 2798		188	418		011		1526vlbi
R	OQ 259	−21 51 56.7	−22 4 53.5										2056		
1435+015		14 35 24.66	14 37 57.40	18.3			0.633			2183	2183				2183B(J)mag
O		1 30 51.7	1 17 54.9												
1435+315	B2	14 35 31.41	14 37 39.42	18			1.366	C IV 1549		138	152		790		
R	PB 3697	31 31 58.3	31 19 1.4					C III 1909					1145		
													1436		
													1790		
													1881		
1435+383	UT	14 35 33.0	14 37 33.56	18			1.61	C IV 1549		1437	1437				1989fc
R	CSO 479	38 20 41	38 7 44.0					C III 1909		2026	1989				
1435+248	4C 24.32	14 35 34.26	14 37 48.58	19			1.01	C IV 1549		033	032		462		831sp,873x,
R	OQ 261	24 52 2.7	24 39 6.0					He II 1640					774		1320rpol,
X	B2							C III 1909					1111		523fc
								Mg II 2798							
1435+638		14 35 37.15	14 36 45.72	15			2.068*	H I 1216	1.9235	510	580		988	1872	1003,1113,
R		63 49 35.9	63 36 38.0					Si IV 1397	1.5825	581	1872		1145	2228	2251sp,1617ir,
								O IV 1402	1.4792					2263	1526vlbi
								C IV 1549	1.4590						
								C III 1909							
1435−067	PG	14 35 37.5	14 38 16.37	15.54			0.129	H I 4861		1117	1117		2011		1222elp,1487,
C		−6 45 22	−6 58 18.1					O III 4959							1980,2112x,
X								O III 5007							1536ext,
R															1598sp,1729,
															2005ir
1435+172	MC 3	14 35 40.63	14 38 1.40	18			1.47	C IV 1549		343	019		1111		
R		17 13 42.5	17 0 46.2					C III 1909							
								Mg II 2798							
1435+355	UT	14 35 52.7	14 37 56.42	18			0.54	Mg II 2798		1437	1437				
R		35 32 37	35 19 41.0					H I 4102							
								H I 4340							
1435+024		14 35 55.58	14 38 27.62	18.1			1.675			2183	2183				2183B(J)mag
O		2 28 1.8	2 15 6.4												
1436+002		14 36 58.24	14 39 31.88	18.3			1.399			2183	2183				2183B(J)mag
O		0 17 44.8	0 4 52.3												
1437+624	OQ 663	14 37 32.03	14 38 44.81	19			1.09	C III 1909		507	342		1521		510fc
R		62 24 47.9	62 11 55.4					C II 2326							
								Mg II 2798							
								O II 3727							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1437+024 O		14 37 36.24 2 24 30.5	14 40 8.30 2 11 39.8	17.6			0.821			2183	2183				2183B(J)mag
1437–017 O		14 37 46.74 –1 43 37.1	14 40 21.89 –1 56 27.3	18.1			0.717			2183	2183				2183B(J)mag
1437+000 O		14 37 50.31 0 2 11.5	14 40 24.14 –0 10 38.5	18.5			1.408			2183	2183				2183B(J)mag
1438–010 O		14 38 12.10 –1 5 2.8	14 40 46.77 –1 17 51.8	18.5			1.644			2183	2183				2183B(J)mag
1438–347 R	PKS	14 38 20.35 –34 43 56.6	14 41 24.00 –34 56 44.7	16.6			1.159	C IV 1549 C III 1909 Mg II 2798		1004	1004		384 2056		1526vlbi, 1898pos
1438+000 O		14 38 23.37 0 2 57.2	14 40 57.19 –0 9 51.3	17.8			1.441			2183	2183				2183B(J)mag
1438+021 O		14 38 27.24 2 10 33.4	14 40 59.47 1 57 45.0	18.4			0.797			2183	2183				2183B(J)mag
1439+007 O		14 39 28.52 0 47 34.8	14 42 1.78 0 34 49.3	18.4			1.857			2183	2183				2183B(J)mag
1439–053 X	1E	14 39 53.1 –5 20 42.1	14 42 31.00 –5 33 26.3	17.24			0.620	Mg II 2798		1233	1233				
1440+178 R		14 40 5.38 17 49 46.6	14 42 25.35 17 37 2.6	18			1.418	C IV 1549 C III 1909		476	476				
1440+018 O		14 40 17.97 1 49 37.7	14 42 50.45 1 36 54.6	18.2			1.169			2183	2183				2183B(J)mag
1440–004 O		14 40 25.75 –0 24 41.6	14 42 59.92 –0 37 24.3	17.8			1.814			2183	2183				2183B(J)mag
1440+019 O		14 40 37.27 1 54 44.2	14 43 9.68 1 42 2.0	17.2			1.359			2183	2183				2183B(J)mag
1440–025 O		14 40 38.35 –2 34 40.9	14 43 14.16 –2 47 23.0	17.3			0.678+			2183	2183			2183	2183B(J)mag
1440–030 O		14 40 42.48 –3 3 19.4	14 43 18.66 –3 16 1.3	18.6			0.754			2183	2183				2183B(J)mag
1441+100 O		14 41 16.3 10 4 39	14 43 42.43 9 51 58.5	19.5			1.860	H I 1216 C IV 1549 C III 1909		1438	1438 1692				
1441+522 R	3C 303C 4C 52.33	14 41 22.67 52 14 18.2	14 43 0.61 52 1 37.0	19.97	.08	–.59	1.57 *	C IV 1549 C III 1909 Mg II 2798	0.450	427 428	429		917	2178	428ubv,429fc, 1526vlbi, 2174varnd 20 arcsec from 3C 303,m=21.7, 0.450zgal, 4.3 arcsec S,2118, 2178
1441+148 R	UT	14 41 24.7 14 48 48	14 43 47.06 14 36 7.8	18.5			1.43	C III 1909 Mg II 2798		1437	1437				
1441+017 O		14 41 27.17 1 42 36.8	14 43 59.73 1 29 56.9	17.2			0.296			2183	2183				2183B(J)mag
1441+099 O		14 41 28.8 9 59 29	14 43 54.99 9 46 49.1	19.0			0.885	C III 1909 Mg II 2798		1438	1692				
1441+015 O		14 41 38.36 1 34 39.0	14 44 11.02 1 21 59.7	18.4			0.753			2183	2183 LBQS				2183B(J)mag
1441+102 O		14 41 48.2 10 12 29	14 44 14.21 9 59 50.0	19.0			0.938	C III 1909 Mg II 2798		1438	1692				
1441+106 O		14 41 51.6 10 36 53	14 44 17.29 10 24 14.2	19.8			2.145*	H I 1216 N V 1240 Si IV 1397 C IV 1549		1438	1723 1692				1723BAL

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1442+117 R	MC 2	14 42 26.03 11 44 35.0	14 44 50.80 11 31 57.8	18			0.852	C III 1909 O II 2470 Mg II 2798		020	044 019		1111 1888		343fc
1442+105 O		14 42 26.6 10 32 24	14 44 52.32 10 19 46.8	20.1			1.899	H I 1216 C IV 1549 C III 1909		1438	1438 1692				
1442+105 O		14 42 28.4 10 34 35	14 44 54.09 10 21 57.9	19.1			1.500	C IV 1549 C III 1909		1438	1692				
1442+099 O		14 42 29.7 9 56 14	14 44 55.90 9 43 37.0	20.4			0.858	C III 1909 Mg II 2798		1438	1692				
1442−001 O		14 42 40.84 −0 11 21.9	14 45 14.84 −0 23 58.2	18.2			2.229+			2183	2183				2183B(J)mag, 2183BAL
1442+295 O		14 42 44.4 29 31 42	14 44 53.49 29 19 5.4	16.2			2.67	H I 1216		1993	1993				
1442+101 R X	OQ 172 MC 2	14 42 50.48 10 11 12.2	14 45 16.47 9 58 36.2	17.26	.80	−.37	3.535*	H I 1216 Si IV 1397 O IV 1402 C IV 1549	3.1101 3.0663 3.0473 2.6939 2.6705 2.6336 2.5631 2.1700 2.0701 1.6196	110 1438	207 430 2049 2281		775 816 852 2162	207 208 1872 1901 2004 2049 2228 2263	106,481ubv, 873,1980x, 750pos, 936rvar,597, 911,986sp, 1092,1617ir, 1382mm, 1526vlbi,165, 343fc,1941uv Ly alpha abs, 1870; 1902avg ph mag
1443+105 O		14 43 2.7 10 34 17	14 45 28.37 10 21 41.6	20.3			1.496	C IV 1549 C III 1909		1438	1692				
1443+099 O		14 43 3.9 9 58 5	14 45 30.05 9 45 29.6	19.7			0.827	C III 1909 Mg II 2798		1438	1692				
1443+103 O		14 43 6.3 10 23 23	14 45 32.11 10 10 47.7	19.8			0.780	C III 1909 Mg II 2798		1438	1692				
1443+101 O		14 43 9.2 10 7 5	14 45 35.23 9 54 29.9	20.4			1.005*	C III 1909 Mg II 2798		1438	1723 1692				1723BAL
1443−000 O		14 43 10.69 −0 4 40.1	14 45 44.61 −0 17 15.0	18.4			1.772			2183	2183				2183B(J)mag
1443+016 O		14 43 12.74 1 41 47.8	14 45 45.30 1 29 13.0	18.2			2.451+			2183	2183				2183B(J)mag, 2183BAL
1443−010 O		14 43 24.89 −1 0 43.2	14 45 59.53 −1 13 17.4	18.3			1.793			2183	2183				2183B(J)mag
1443+099 O		14 43 32.2 9 57 12	14 45 58.34 9 44 38.0	19.2			1.092	C IV 1549 C III 1909 Mg II 2798		1438	1692				
1443−021 O		14 43 45.75 −2 7 50.4	14 46 21.25 −2 20 23.6	18.5			0.397			2183	2183				2183B(J)mag
1443+104 O		14 43 50.0 10 26 31	14 46 15.74 10 13 57.8	18.8			(1.17)	C III 1909 Mg II 2798		1438	1692				
1443+002 O		14 43 51.43 0 13 14.4	14 46 25.12 0 0 41.4	18.4			1.017			2183	2183				2183B(J)mag
1443+102 O		14 43 54.5 10 15 44	14 46 20.38 10 3 11.1	19.7			0.732	C III 1909 Mg II 2798		1438	1692				
1444+103 O		14 44 0.0 10 18 28	14 46 25.84 10 5 55.3	20.4			1.923	H I 1216 C IV 1549 C III 1909		1438	1692				
1444−003 O		14 44 12.26 −0 19 11.9	14 46 46.37 −0 31 43.8	18.2			0.696			2183	2183				2183B(J)mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1444+100 O		14 44 13.1 10 4 3	14 46 39.13 9 51 31.0	19.4			1.183	C IV 1549 C III 1909 Mg II 2798		1438	1692				
1444+105 O		14 44 14.8 10 30 29	14 46 40.47 10 17 57.0	19.3			1.812	H I 1216 C IV 1549 C III 1909		1438	1438 1692				
1444+014 O		14 44 20.28 1 26 27.7	14 46 53.03 1 13 56.1	18.5			2.206			2183	2183				2183B(J)mag
1444+102 O		14 44 24.1 10 16 24	14 46 49.96 10 3 52.5	18.6			2.068	H I 1216 C IV 1549 C III 1909		1438	1438 1692				
1444+105 O		14 44 26.3 10 31 5	14 46 51.96 10 18 33.6	19.4			(2.2)	H I 1216 C IV 1549		1438	1438				
1444+417 R	B3	14 44 28.3 41 45 46	14 46 22.81 41 33 14.1	18.2			(0.675)	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 O III 4363		1990	2270				
1444+217 R	PKS	14 44 34.4 21 44 28	14 46 50.65 21 31 56.8	18			1.400	C IV 1549 C III 1909			831		086		
1444–012 O		14 44 42.67 –1 12 12.1	14 47 17.46 –1 24 42.6	18.3			2.152			2183	2183				2183B(J)mag
1444–030 O		14 44 44.22 –3 0 19.0	14 47 20.40 –3 12 49.4	18.4			0.548			2183	2183				2183B(J)mag
1444+407 C	PG CSO 505	14 44 50.2 40 47 37	14 46 45.96 40 35 6.2	15.95			0.267	Ne V 3426 H I 4340 H I 4861		1117 2026	1117				1598sp,1729, 2005ir, 1700imag, 2112x,2061uv faint gals near,2118
1445–018 O		14 45 6.47 –1 51 9.9	14 47 41.77 –2 3 39.2	18.5			1.420			2183	2183				2183B(J)mag
1445–025 O		14 45 8.81 –2 31 39.0	14 47 44.63 –2 44 8.2	18.0			1.734			2183	2183				2183B(J)mag
1445+023 O		14 45 14.88 2 22 16.3	14 47 46.90 2 9 47.3	18.5			0.775			2183	2183				2183B(J)mag
1446+023 O		14 46 5.63 2 18 54.9	14 48 37.69 2 6 28.4	17.9			0.672			2183	2183				2183B(J)mag, 2183neml
1446+024 O		14 46 9.37 2 25 0.1	14 48 41.35 2 12 33.8	17.9			0.212			2183	2183				2183B(J)mag
1446+004 O		14 46 23.23 0 27 35.9	14 48 56.73 0 15 10.3	18.5			0.832			2183	2183				2183B(J)mag
1446+003 O		14 46 34.66 0 20 49.2	14 49 8.25 0 8 24.1	18.5			1.626			2183	2183				2183B(J)mag
1446–005 O		14 46 56.22 –0 35 22.0	14 49 30.54 –0 47 46.0	18.1			0.254			2183	2183				2183B(J)mag
1448+008 O		14 48 3.45 0 49 45.0	14 50 36.66 0 37 24.3	18.6			1.079			2183	2183				2183B(J)mag 2183strong uvFeIIem
1448–232 R	PKS OQ 279	14 48 9.23 –23 17 10.7	14 51 2.49 –23 29 30.8	16.96	.17	–.52	2.215*	H I 1216 N V 1240 Si II 1263 O I 1304 Si IV 1397 C IV 1549 C III 1909	1.7235 1.5846 1.5260 1.3383	409 618	409 418 1304		1162 1818 2056	954 1514 1549 2020 2228 2263	780,1983ir, 761,954, 2020sp, 1485ubv,421fc, 1526vlbi, 1686x Ly alpha abs, 1870
1449+588 C	MKN 830	14 49 7.3 58 52 4	14 50 26.75 58 39 44.8	16.0			0.210			1276	1414 1976				

1993ApJS...87..451H

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1449–012 R	PKS 4C 00.57 OQ 081	14 49 12.57 –1 15 17.8	14 51 47.42 –1 27 35.1	18			1.319	C IV 1549 He II 1640 C III 1909 C II 2326 Mg II 2798		026	084 094 436 748		775 789		1032,1181sp, 1526vlbi
1451+102 O		14 51 5.2 10 17 7	14 53 30.79 10 4 55.1	20.13			2.170	H I 1216 C IV 1549 C III 1909			1859				1859fc
1451–375 R	PKS	14 51 18.25 –37 35 22.9	14 54 27.38 –37 47 33.3	16.69	.09	–.77	0.314	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		103	058 094		1145 1167 2056		780ir,865pos, 940ext,1355, 1941uv, 1485ubv, 1420sp, 1420FeIIem, 1526vlbi, 2103pol, 2145imag
1451+097 R	4C 09.52 PKS OQ 085	14 51 27.9 9 46 33	14 53 53.89 9 34 22.3	18.5			0.632	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869		124	084 436		775 789		
1451+172 BL Lac R	MC 3	14 51 36.1 17 13 9	14 53 55.80 17 0 58.6	17.9						343			1086		634,877pol, 634sp,2112x IRAS source, 1806
1451+123 O	H1500+013	14 51 54.82 12 23 2.3	14 54 18.63 12 10 52.9	18.6			3.256*	O VI 1034 H I 1216 N V 1240 C IV 1549	3.165 2.470 2.254	1440	1440 2279			2243	Ly limit abs, 2247
1452+301 R	OQ 287 B2 GC	14 52 25.23 30 8 6.9	14 54 32.49 29 55 58.7	18.5			0.58	Mg II 2798 H I 4861 O III 4959 O III 5007		100	100 443		789 790 1790		831sp,113fc, 1526vlbi
1452–217 R	PKS OQ 288	14 52 45.5 –21 47 29	14 55 37.78 –21 59 35.4	18.6			0.780	Mg II 2798 Ne V 3426 O II 3727		188	1304 418		011 2056		761sp, 1526vlbi
1453–109 R	MSH 14–121 PKS DW OQ 190	14 53 12.22 –10 56 39.9	14 55 55.00 –11 8 45.1	17.34	.58	–.77	0.938	C III 1909 Mg II 2798 O III 3133 Ne V 3426		210	098 209		128 775 2056		003,1485ubv, 1201pol,287sp, 057,182,243fc
1454–060 R	PKS 4C 05.62 OQ 090 MSH 14–018	14 54 2.58 –6 5 40.4	14 56 41.38 –6 17 43.1	18.03	.36	–.82	1.249	C III 1909 Mg II 2798		112	101 018		128 801		059,112ubv, 077fc
1455–141	R18.18	14 55 10.6 –14 8 34	14 57 56.19 –14 20 33.2	17.74			2.04			2277	2277				
1455+123 O	H1500+012	14 55 43.93 12 21 34.9	14 58 7.58 12 9 37.0	18.7			3.062	H I 1216 Si IV 1397 O IV 1402		1440	1440 2279				
1455+348 R		14 55 55.87 34 51 48.1	14 57 57.31 34 39 50.3	20.0			2.732			1446	1447		2162		
1456+092 R	MC 2 OQ 095	14 56 56.98 9 16 1.8	14 59 23.20 9 4 7.7	18.5			1.991	H I 1216 C IV 1549 C III 1909		020	009 020		1818 1891		166fc
1457+087 O		14 57 14.45 8 42 4.7	14 59 41.13 8 30 11.5				3.163	O VI 1034 H I 1216 Si IV 1397 O IV 1402 C IV 1549		1440	1440				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1458+718	3CR 309.1	14 58 56.69	14 59 7.68	16.78*	.46	−.77	0.905	C III 1909		064	101	492	128		003ubv,1202,
R	4C 71.15	71 52 11.3	71 40 20.0					C II 2326		1811	002		462		2103pol,1280,
X	PKS							Mg II 2798			005		882		1526,1862vlbi,
	NRAO 464												884		912,1107,
	S5												937		1980x,324,551,
													1340		958,2066,
													1393		2251sp,
													1804		958FeIIem,
													1888		744pos,158,
													1891		245,306fc,
													2000		1688imag,
													2013		2104rmap
															6.20 arcmin
															from NGC 5832,
															1650; faint
															gals near,2118
1459+102		14 59 49.8	15 2 15.06	17.78			0.93				1425				
		10 16 49	10 5 3.7												
1500+114		15 0 19.00	15 2 43.22	17.5			0.39	Ne V 3426		2235	2235				
O		11 27 43.0	11 15 59.2					O II 3727							
R								NeIII 3968							
1500+102		15 0 40.5	15 3 5.71	17.78			1.59				1425				
		10 17 56	10 6 13.4												
1501+450		15 1 1.3	15 2 47.47	19.5			2.55	H I 1216		1387	1387				
O		45 5 18	44 53 35.6												
1501+220		15 1 43.62	15 3 58.16	19.1 *	.60	−.60	0.835	C III 1909			573	573			573ubv
C		22 0 59.2	21 49 19.6					Mg II 2798							
1501+242		15 1 51.94	15 4 4.31	19.0 *	.40	−.40	(0.366)	Mg II 2798			573	573			573ubv
C		24 12 37.8	24 0 58.6												
1502+106	MC 2	15 2 0.15	15 4 24.98	18.56*	.41	−.51	1.839	H I 1216		213	019	1800	775		761,831,
R	OR 103	10 41 17.3	10 29 38.8					C IV 1549					789		1304sp,
	PKS							C III 1909					1152		936rvar,
	4C 10.39												1544		1241xnd,096,
													1807		166,343fc,
															1422ubv,
															1617ir,
															1526vlbi,
															1789mm,1800,
															2103pol,
															1805mmvar,
															2100FeIIem
															Conflicting
															comments re z
															in 019,501,
															1304.
1502+105		15 2 3.5	15 4 28.48	17.79			1.00				1425				
		10 30 35	10 18 56.7												
1502+117		15 2 17.2	15 4 41.12	17.36			1.41				1425				
		11 43 19	11 31 41.4												
1502+036	PKS	15 2 35.69	15 5 6.50	18.14	.47	−.56	0.411	Mg II 2798		026	436		789		436ubv,
R		3 38 7.2	3 26 30.7					NeIII 3869					1877		1526vlbi
								O III 5007							1902avg ph mag
1502+455		15 2 52.4	15 4 37.39	20.5			3.06	H I 1216		1387	1387				
O		45 34 6	45 22 29.3												
1502+602	3C 311	15 2 58.83	15 4 9.17	18			1.022	C III 1909		139	073		1891		831sp
R	4C 60.19	60 12 33.4	60 0 56.2					C II 2326			133		1996		
	NRAO 467							Mg II 2798							
	OR 605														
	DA 375														
1503+118		15 3 0	15 5 23.75				2.792*	H I 1216	2.597		1550			1550	
O		11 53 0	11 41 24.6											1551	
														2263	
1503+455		15 3 10.3	15 4 55.29	21.0			2.42	C IV 1549		1387	1387				
O		45 31 54	45 20 18.3					C III 1909							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1503+691	4C 69.18	15 3 44.9	15 4 13.31	17.0			0.318	Mg II 2798		581	580				1003sp
R	OP 372.2	69 7 46	68 56 10.1					O II 3727		1111					
	B2							NeIII 3869							
								H I 4102							
								H I 4861							
								O III 4959							
								O III 5007							
								Ca II 7323							
1503+118	H1500+009	15 3 53.01	15 6 16.72				2.795	H I 1216		2279	2279				
		11 53 12.4	11 41 39.8					Si IV 1397							
								C IV 1549							
1504+106		15 4 1.46	15 6 26.21	19.5			3.073*	N V 1240	3.027	1227	1227			1227	1208,1227BAL
O		10 41 7.2	10 29 35.1						2.993		1440				
1504+217	KP 52	15 4 1.5	15 6 16.16	18.5			1.16	C IV 1549		457	457				853rnd
O		21 42 3	21 30 30.7					C III 1909			867				
1504-164	MC	15 4 4.64	15 6 52.78	19.0			1.790+	Si IV 1397		1445	1445		048	1445	
R		-16 26 21.9	-16 37 53.4					C IV 1549					2056		
								C III 1909							
								C II 2326							
1504-166	MC	15 4 16.39	15 7 4.76	18.5 *			0.876	C III 1909		466	466	1800	1557		1241x,1466,
R	OR 102	-16 40 58.6	-16 52 29.4					Mg II 2798					1792		1526vlbi,
X	PKS							O II 3727					2056		1483rvar,
								NeIII 3869							1789mm,1800,
															2103pol,
															1810pos
1504+543	CSO 722	15 4 45.0	15 6 11.52	17			(1.90)	H I 1216		2025	2025				
		54 23 24	54 11 52.8					C IV 1549							
1504+216	KP 53	15 4 48.6	15 7 3.22	21.0			2.31	H I 1216		457	867				853rnd
O		21 40 35	21 29 5.2					C IV 1549							
1504+219	KP 54	15 4 52.7	15 7 7.01	20.5			2.14			457	853				853rnd
O		21 59 37	21 48 7.4												
1504+241	LB 9433	15 4 58.78	15 7 10.94	17.23			(0.354)	Mg II 2798			573				
C		24 8 23.3	23 56 53.9												
1505+559	NGC 5866	15 5 6	15 6 28.41	18.1			0.706				547				873xnd
C	BSO 1	55 57 0	55 45 29.8												7.27 arcmin
															from NGC 5866,
															2118
1505+218	LB 9436	15 5 12.28	15 7 26.66	18.98	-.20	-.40	2.13	H I 1216			030	591			214ubv,853rnd
C		21 53 34.2	21 42 5.6					O IV 1402							
								C IV 1549							
1506+339	UT	15 6 22.6	15 8 23.66	18.5			2.20	C IV 1549		1437	1437				
R		33 58 25	33 46 59.8					C III 1909							
1507+245	LB 9449	15 7 1.82	15 9 13.41	18.33			0.184	Mg II 2798			573				
C		24 30 50.5	24 19 27.7					O II 3727							
								H I 4102							
								H I 4340							
								H I 4861							
								O III 5007							
1507+256		15 7 52	15 10 2.38	18.28*	.50	-1.00	1.387	C IV 1549			573	573			573ubv
C		25 36 0	25 24 39.8					C III 1909							
1507+245	LB 9459	15 7 59.84	15 10 11.29	17.62			1.262	C IV 1549			573				
C		24 33 56.4	24 22 36.6					C III 1909							
1508-055	PKS	15 8 14.93	15 10 53.55	17.21	.23	-.66	1.185	C IV 1549		097	1304		775		1202,2103pol,
R	OR 015	-5 31 48.8	-5 43 7.2					C III 1909			094		1111		761sp,780ir,
	4C 05.64							Mg II 2798							1485ubv,
	MSH 15-05														1526vlbi,
															1352spvar
1508+168	UT	15 8 19.7	15 10 38.68	18.0			1.82	H I 1216		1437	1437				
R		16 51 29	16 40 10.5					C IV 1549							
1508+087		15 8 20.82	15 10 47.09	19.5			2.995	H I 1216		1440	1440				
O		8 46 53.9	8 35 35.6					C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1508+242	LB 9466	15 8 29.71	15 10 41.47	18.19			1.316	C IV 1549			573				
C		24 13 13.9	24 1 55.8					C III 1909							
1508+098		15 8 41.9	15 11 7.26	19.4			(2.4)	O VI 1034		1438	1438				
O		9 48 12	9 36 54.8					H I 1216							
1508–325	PKS	15 8 45.19	15 11 50.54	18.5			1.105	C III 1909		418	1251		1251		
R		–32 31 41.0	–32 42 57.1					Mg II 2798					2056		
1509–092		15 9 3.4	15 11 45.33	19.9			1.9	H I 1216		1439	1439				
O		–9 17 9	–9 28 24.7												
1509+247	LB 9477	15 9 6.26	15 11 17.45	18.34*			0.796	C III 1909			573	573			
C		24 43 1.1	24 31 44.9					Mg II 2798							
1509+102		15 9 6.3	15 11 31.28	20.2			(2.1)	H I 1216		1438	1438				
O		10 12 55	10 1 39.1					C IV 1549							
1509+228	LB 9483	15 9 30.94	15 11 44.01	18.42			1.720	H I 1216			573				
C		22 51 9.1	22 39 54.3					Si IV 1397							
								O IV 1402							
								C IV 1549							
1509+158	MC 3	15 9 52.48	15 12 12.30	18.2	.66	–.79	0.828	C III 1909		020	019		789		436ubv,087,
R	PKS	15 51 39.7	15 40 26.2					Mg II 2798			436		1111		343fc
	4C 15.45							O III 3133					1888		
	OR 118							Ne V 3426					2092		
								NeIII 3869							
								H I 4340							
1510+115		15 10 0	15 12 23.80				2.106*	Si IV 1397	2.1011		1872			1872	BAL?
O		11 30 0	11 18 47.0					O IV 1402	2.0897					2228	
								C IV 1549	0.0001					2263	
1510–089		15 10 0.5	15 12 42.18	20.4			2.1	H I 1216		1439	1439		1557		
O		–8 57 48	–9 9 0.6										1888		
1510+210		15 10 5.25	15 12 20.10	18.8 *	.20	–.90	1.849	H I 1216			573	573			573ubv
C		21 1 46.1	20 50 33.2					N V 1240							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
1510+243	LB 9491	15 10 6.81	15 12 18.33	17.94			2.107	H I 1216			573				
C		24 18 53.7	24 7 40.8					Si IV 1397							
								O IV 1402							
								C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1510–089 R X	PKS OR 017	15 10 8.90 –8 54 47.2	15 12 50.54 –9 5 59.4	16.74*	.17	–.74	0.361*	Mg II 2798 Ne V 3426 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007	0.351	057	101 1968 2294	080 252 253 290 492 718 756 875 1068 1902 2054 2174	128 837 1452 1721 1771 1792 1807 1930 1937	101 1420 2228 2263	112,1451ubv, 156,704,900, 1201,1202, 1730,1988, 2062,2103pol, 801,879,936, 1204,1322rvar, 899,1388rpol, 324,761,776, 958,1304,1420, 1467,2151, 2229sp,1056, 1852phot,1207, 1261,1688, 1700,2145imag, 1028,1789mm, 780,799,886ir, 958,1420, 1467FeIIem, 873,1980, 2171x,847pos, 1466,1526vlbi, 1567,1649mf, 112fc,1891uv, 1942uvvar, 2151syi 0.42 arcmin from anon gal,0.2536 zgal,1650,2118 IRAS source, 1806; 1902avg ph mag
1510+258 C	LB 9497	15 10 17.61 25 49 21.1	15 12 27.53 25 38 8.7	19.26*			1.966	H I 1216 N V 1240 O IV 1402 C IV 1549			573	573			
1510+092	H1500+008	15 10 18.98 9 16 7.3	15 12 44.76 9 4 55.4				2.42	H I 1216 C IV 1549		2279	2279				
1510+237 C	LB 9502	15 10 25.36 23 45 13.7	15 12 37.43 23 34 1.8	18.90*	.22	–.82	1.887	H I 1216 Si IV 1397 O IV 1402 C IV 1549			573	573			573ubv
1510+390 X	E	15 10 37 39 2 3	15 12 30.74 38 50 51.3	19.0	–.30		0.228			1417	1417				1417x
1510+105 O		15 10 39.89 10 34 41.7	15 13 4.49 10 23 30.9	19.5			3.053+	H I 1216 N V 1240		1440	1440			1440	
1511+091 O		15 11 0 9 6 0	15 13 25.91 8 54 50.3				2.878*	Si IV 1397 O IV 1402 C IV 1549	2.8853 2.8668 2.8606 2.8469 2.8389 2.6702 2.5596		1872			1872 2228 2263	BAL?
1511–100 R	PKS	15 11 2.3 –10 0 50	15 13 44.94 –10 11 59.2	14.7			1.513	C IV 1549 He II 1640 C III 1909 Mg II 2798		188	1304		188 2056		761sp, 1526vlbi, 1352spvar, 1789mm
1511+103 R	MC 2	15 11 4.56 10 22 15.2	15 13 29.33 10 11 5.7	17.73	.32	–.74	1.546*	C III 1909 Mg II 2798	0.4370	020	019 1438		1818 1891	560 1635 1747 2228 2263	1451,1485ubv, 343fc,1202pol, 1617ir 6.7arcsec from anon gal,0.436 zgal,2118,2262
1512+132 O		15 12 3.95 13 16 58.2	15 14 26.04 13 5 51.9	19.5			3.112	H I 1216 N V 1240		1440	1440				
1512+239 C	LB 9537	15 12 44.26 23 58 46.5	15 14 55.90 23 47 42.1	18.61			(1.341)	C IV 1549 C III 1909			573				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1512+000 O		15 12 45.6 0 0 0	15 15 19.46 –0 11 3.8	19.7			1.56			2278	2278				2278uv
1512+370 R X	4C 37.43 OR 321 B2 PG CSO 571	15 12 46.87 37 1 55.2	15 14 43.07 36 50 50.6	15.5	–.02	–.88	0.371	Mg II 2798 Ne V 3426 NeIII 3869 O III 4363 H I 4861 O III 4959 O III 5007		203 2026	018 032 1731		462 774 775 800 2011		1337,1451ubv, 1202pol, 749pos,799, 1617,1729, 2005ir,831, 1117,1467, 1922sp, 1108absr,1183, 2112x,1223, 1362,1759ext, 1320rpol,1355, 1628,1693, 1941,2061uv, 033,524fc, 1469FeIIem, 1682,1700imag, 1865phot, 2180spext 0.18 arcmin from anon gal,1650; faint gals near,2118
1513+254 C		15 13 5.12 25 27 23.7	15 15 15.17 25 16 20.4	19.1	.20	–1.30	1.392	C IV 1549 C III 1909			573				573ubv
1513–000 O		15 13 33.3 –0 4 43	15 16 7.23 –0 15 44.2	18.8			1.48			2278	2278				2278uv
1514–000 O		15 14 22.7 –0 3 40	15 16 56.62 –0 14 38.5	20.0			1.81			2278	2278				2278uv
1514+197 BL Lac R X	GC PKS	15 14 40.98 19 43 10.8	15 16 56.80 19 32 12.9	18.5 *	.66	–.45				165		323	1086 1367		323ubv,323pol, 044,761, 2199sp,829, 2112x,865pos, 1526vlbi, 2259imag
1514–241 BL Lac V X R	AP LIB OR 225 PKS	15 14 45.30 –24 11 22.4	15 17 41.85 –24 22 19.1	15 *	.80	–.29				191		716 745 754 755 1068 1802 2054	837 1084 1127 1160 1212 1367 1557 2056	761	323,525,527, 653,662ubv, 323,553,642, 662,1626,1988, 2062pol,1348, 1679uv,781, 886,1012, 1141ir,384, 525,553,662, 719,761,763, 1812sp,1009, 1737,2195phot, 1088,2107, 2112x,1483, 1961rvar, 1526vlbi, 1649mf,1789mm, 1810pos, 2259imag 0.0486zgal, 525,761;IRAS source,1806;
1514+241 C	LB 9559	15 14 48.61 24 11 48.8	15 16 59.84 24 0 51.2	18.57			(0.669)	Mg II 2798			573				
1514+029 C	QNZ2:21	15 14 56.4 2 54 16	15 17 27.70 2 43 19.3	20.49		–.54	(1.487)	C III 1909		2058	2058				2058Bmag, 2058ubv
1515+028 C	QNZ2:27	15 15 4.6 2 50 16	15 17 35.96 2 39 19.8	20.15		–.41	1.942			2058	2058				2058Bmag, 2058ubv
1515+028 C	QNZ2:22	15 15 12.7 2 52 20	15 17 44.03 2 41 24.2	19.44		–.65	0.960	Mg II 2798		2058	2058				2058Bmag, 2058ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1515+015 C	QNZ3:55	15 15 14.9 1 30 15	15 17 47.44 1 19 19.3	19.08		–.19	2.693	H I 1216		2058	2058				2058Bmag, 2058ubv
1515+027 C	QNZ2:36	15 15 15.9 2 44 2	15 17 47.35 2 33 6.4	19.86		–.71	0.608	Mg II 2798		2058	2058				2058Bmag, 2058ubv
1515+016 C	QNZ3:51	15 15 30.8 1 40 10	15 18 3.19 1 29 15.2	20.29		–.27	2.382	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
1515+029 C	QNZ2:20	15 15 31.0 2 57 4	15 18 2.26 2 46 9.2	20.31		–1.38	2.088	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
1515+027 C	QNZ2:31	15 15 33.5 2 45 10	15 18 4.93 2 34 15.4	20.85		–.38	2.114	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
1515+017 C	QNZ3:54	15 15 34.2 1 42 29	15 18 6.55 1 31 34.4	20.13		–1.34	1.401	C III 1909		2058	2058				2058Bmag, 2058ubv
1515+026 C	QNZ2:12	15 15 36.1 2 40 12	15 18 7.60 2 29 17.5	19.46		–.53	1.853	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1515+026 C	QNZ2:19	15 15 40.2 2 41 21	15 18 11.69 2 30 26.7	20.69		–.51	2.428	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
1515+027 C	QNZ2:01	15 15 59.8 2 43 52	15 18 31.25 2 32 58.8	20.31		–.06	0.153			2058	2058				2058Bmag, 2058ubv, 2058neml
1516+015 C	QNZ3:45	15 16 0.4 1 35 46	15 18 32.85 1 24 52.9	18.81		–.06	2.308	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
1516+012 C	QNZ3:33	15 16 1.5 1 17 57	15 18 34.21 1 7 3.9	18.40		–.63	1.378	C III 1909		2058	2058				2058Bmag, 2058ubv
1516+027 C	QNZ2:06	15 16 10.0 2 47 21	15 18 41.39 2 36 28.4	20.87		–.14	(0.352)			2058	2058				2058Bmag, 2058ubv, 2058neml
1516+025 O		15 16 10.1 2 30 18	15 18 41.75 2 19 25.4	19.6			1.80			2278	2278				2278uv
1516+028 C	QNZ2:02	15 16 13.2 2 50 3	15 18 44.55 2 39 10.5	17.83		–.39	1.551	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1516+014 C	QNZ3:22	15 16 13.8 1 24 44	15 18 46.41 1 13 51.6	19.32		–.07	0.210			2058	2058				2058Bmag, 2058ubv
1516+028 C	QNZ2:05	15 16 16.2 2 50 23	15 18 47.55 2 39 30.7	20.00		–.06	(0.630)	Mg II 2798		2058	2058				2058Bmag, 2058ubv
1516+030 C	QNZ2:32	15 16 17.3 3 5 44	15 18 48.42 2 54 51.8	20.88		–.37	1.651	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1516+028 C	QNZ2:46	15 16 26.3 2 51 37	15 18 57.63 2 40 45.3	19.33		–.34	1.555	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1516+029 C	QNZ2:41	15 16 38.3 2 56 7	15 19 9.56 2 45 15.9	20.09		–.26	2.156	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
1516+221 C	LB 9601	15 16 45.15 22 9 43.0	15 18 58.35 21 58 51.9	18.59*			1.835	H I 1216 C IV 1549			573	573			
1516+027 C	QNZ2:03	15 16 46.0 2 43 8	15 19 17.45 2 32 17.4	20.96		–.47	2.120+	C III 1909		2058	2058				2058Bmag, 2058ubv, 2058BAL
1516+028 C	QNZ2:50	15 16 46.7 2 53 23	15 19 18.00 2 42 32.4	20.84		–.14	(0.339)			2058	2058				2058Bmag, 2058ubv, 2058neml
1516+026 C	QNZ2:04	15 16 53.4 2 39 51	15 19 24.90 2 29 0.8	20.60		–1.02	(0.557)	Mg II 2798		2058	2058				2058Bmag, 2058ubv
1516+022 O		15 16 54.9 2 14 50	15 19 26.77 2 3 59.9	19.5			0.76			2278	2278				2278uv
1517+239 C	LB 9605	15 17 2.01 23 57 49.1	15 19 13.30 23 46 58.9	18.41			1.834	Si IV 1397 O IV 1402 C IV 1549			573				1617ir

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1517+254 C		15 17 7.94 25 29 9.3	15 19 17.59 25 18 19.4	18.6	.40	−.80	0.882	C III 1909 Mg II 2798			573				573ubv
1517+239 C	LB 9612	15 17 8.19 23 56 52.6	15 19 19.49 23 46 2.7	16.4	−.20	−.50	1.903*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	1.4147 0.7382		1872 030 2281			560 1000 1635 1872 1873 2228 2263	214ubv, 1202pol,850, 853,921rnd, 921,992ir, 921phot
1517+235 C	LB 9613	15 17 11.89 23 33 30.0	15 19 23.60 23 22 40.3	18.51*			(0.313)	Mg II 2798 O II 3727 H I 4102			573	573			
1517+245 C	LB 9615	15 17 24.76 24 33 50.1	15 19 35.38 24 23 1.1	18.23			1.818	Si IV 1397 O IV 1402 C IV 1549			573				
1517+021 C	QNZ1:43	15 17 29.9 2 10 39	15 20 1.83 1 59 50.8	20.30		−.96	2.114	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
1517+022 C	QNZ1:45	15 17 36.8 2 14 45	15 20 8.66 2 3 57.2	20.26		−.15	(0.239)			2058	2058				2058Bmag, 2058ubv, 2058neml
1517+024 O		15 17 49.9 2 26 0	15 20 21.60 2 15 12.9	19.4			1.08			2278	2278				2278uv
1517+176 R	MC 3	15 17 57.67 17 36 40.3	15 20 15.35 17 25 53.3	17.5 *			1.39	C III 1909 Mg II 2798 O III 3133		020	019	1201	1111		1201pol,343fc
1518+030 C	QNZ4:24	15 18 0.0 3 1 21	15 20 31.17 2 50 34.5	20.95		−.33	0.826	Mg II 2798		2058	2058				2058Bmag, 2058ubv
1518+022 C	QNZ1:50	15 18 0.2 2 15 12	15 20 32.05 2 4 25.5	20.31		−.17	0.241			2058	2058				2058Bmag, 2058ubv, 2058neml
1518+257 C	LB 9620	15 18 4.96 25 45 24.5	15 20 14.23 25 34 37.7	18.56			1.450	C IV 1549 C III 1909			573				
1518+201 O		15 18 7.6 20 7 50	15 20 22.77 19 57 3.5	19.2			2.1	H I 1216		1439	1439				19.45 arcmin from 3C 318, 2118
1518+026 C	QNZ4:06	15 18 9.6 2 41 39	15 20 41.06 2 30 53.0	20.65		−.10	(1.802)	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1518+020 C	QNZ1:15	15 18 11.4 2 5 16	15 20 43.40 1 54 30.1	20.82		−.46	(1.151)	C III 1909		2058	2058				2058Bmag, 2058ubv
1518+020 C	QNZ1:13	15 18 15.3 2 5 48	15 20 47.29 1 55 2.3	20.04		−.11	0.171			2058	2058				2058Bmag, 2058ubv, 2058neml
1518+162 R	UT	15 18 18.1 16 12 14	15 20 37.13 16 1 28.2	17.5			1.47	C IV 1549 C III 1909		1437	1437				
1518+028 C	QNZ4:23	15 18 19.3 2 49 10	15 20 50.65 2 38 24.5	18.96		−.27	1.639	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1518+228 C		15 18 24.24 22 53 26.0	15 20 36.55 22 42 40.4	18.9	.30	−.80	1.242	C IV 1549 C III 1909			573				573ubv
1518+025 C	QNZ4:16	15 18 24.7 2 31 6	15 20 56.31 2 20 20.8	20.83		−.32	0.312			2058	2058				2058Bmag, 2058ubv, 2058neml
1518+202 O		15 18 25.9 20 17 33	15 20 40.88 20 6 47.5	19.9			2.10	H I 1216 C IV 1549		1439	1439				12.47 arcmin from 3C 318, 2118
1518+030 C	QNZ4:02	15 18 41.1 3 4 32	15 21 12.21 2 53 47.8	19.91		−.65	0.412	Mg II 2798		2058	2058				2058Bmag, 2058ubv
1518+025 C	QNZ4:14	15 18 41.5 2 34 50	15 21 13.06 2 24 5.8	20.75		−1.16	1.131	C III 1909		2058	2058				2058Bmag, 2058ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1518+030 C	QNZ4:57	15 18 41.8 3 2 6	15 21 12.95 2 51 21.8	20.37		-1.13	1.215	C III 1909		2058	2058				2058Bmag, 2058ubv
1518+028 C	QNZ4:28	15 18 45.2 2 49 41	15 21 16.53 2 38 57.0	18.44		-.51	1.497	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1518+020 C	QNZ1:10	15 18 47.0 2 5 50	15 21 18.99 1 55 6.1	20.39		-.51	0.677	Mg II 2798		2058	2058				2058Bmag, 2058ubv
1518+028 C	QNZ4:59	15 18 51.1 2 51 55	15 21 22.40 2 41 11.3	20.06		-.18	1.572	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1518+022 C	QNZ1:38	15 18 51.2 2 14 6	15 21 23.06 2 3 22.3	20.35		-.44	1.281	C III 1909		2058	2058				2058Bmag, 2058ubv
1518+021 C	QNZ1:22	15 18 58.7 2 9 55	15 21 30.63 1 59 11.8	18.88		-.19	1.696	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1518+028 C	QNZ4:35	15 18 59.4 2 49 58	15 21 30.73 2 39 14.8	19.36		-.40	2.110	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
1519+226 C X R	PG	15 19 1.7 22 38 27	15 21 14.22 22 27 43.5	16.09			0.137	H I 4861 O III 5007		1117	1117		2011		1329elp,1487, 1980,2112x, 1030,1362ext, 1598sp,1598fc, 1729,2005ir
1519+019 C	QNZ1:18	15 19 2.8 1 55 18	15 21 34.94 1 44 35.0	19.75		-1.05	1.133	C III 1909		2058	2058				2058Bmag, 2058ubv
1519+019 C	QNZ1:16	15 19 4.1 1 55 12	15 21 36.24 1 44 29.1	19.50		-.39	2.239	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
1519+027 C	QNZ4:45	15 19 6.9 2 46 23	15 21 38.28 2 35 40.2	19.90		-.83	1.826	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1519+030 C	QNZ4:53	15 19 12.3 3 5 52	15 21 43.39 2 55 9.5	19.98		-.63	1.916	C IV 1549		2058	2058				2058Bmag, 2058ubv
1519+279 X		15 19 23.8 27 55 11	15 21 30.52 27 44 28.6	18.2	-1.00		0.229			1265	1265				1265ubv, 1209ext, 1910sp
1519+028 C	QNZ4:39	15 19 24.4 2 51 59	15 21 55.69 2 41 17.2	20.82		-.68	2.052	C IV 1549		2058	2058				2058Bmag, 2058ubv
1519+026 C	QNZ4:47	15 19 24.9 2 40 31	15 21 56.37 2 29 49.2	20.13		-.85	1.212	C III 1909		2058	2058				2058Bmag, 2058ubv
1519+246 C	LB 9647	15 19 26.00 24 39 35.5	15 21 36.34 24 28 53.3	16.57*	.53	-.93	0.167	Mg II 2798 H I 4102 H I 4340 H I 4861			573	573			573ubv
1519+025 C	QNZ4:44	15 19 31.4 2 35 0	15 22 2.95 2 24 18.6	20.46		-.35	0.578	Mg II 2798		2058	2058				2058Bmag, 2058ubv
1519+023 C	QNZ1:35	15 19 32.4 2 20 42	15 22 4.16 2 10 0.6	20.32		-.14	0.323			2058	2058				2058Bmag, 2058ubv, 2058neml
1519+023 C	QNZ1:31	15 19 37.2 2 20 29	15 22 8.96 2 9 47.9	20.91		-.40	0.742	Mg II 2798		2058	2058				2058Bmag, 2058ubv
1519+019 C	QNZ1:23	15 19 48.1 1 58 24	15 22 20.19 1 47 43.5	20.67		-.62	1.580	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1519+028 C	QNZ4:37	15 19 48.8 2 49 19	15 22 20.13 2 38 38.5	20.75		-.18	2.477	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
1519+028 C	QNZ4:30	15 19 51.8 2 53 3	15 22 23.07 2 42 22.7	20.62		-.18	1.003	C III 1909		2058	2058				2058Bmag, 2058ubv
1519+026 C	QNZ4:41	15 19 54.4 2 37 14	15 22 25.91 2 26 33.9	19.68		-.15	1.428	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1519+021 C	QNZ1:29	15 19 55.1 2 11 35	15 22 26.99 2 0 54.9	19.64		-.64	1.278	C III 1909		2058	2058				2058Bmag, 2058ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1519+027 C	QNZ4:40	15 19 56.4 2 47 13	15 22 27.76 2 36 33.0	20.33		-.39	0.768	Mg II 2798		2058	2058				2058Bmag, 2058ubv
1520+026 C	QNZ5:32	15 20 16.2 2 36 8	15 22 47.72 2 25 29.1	20.64		-.30	0.765	Mg II 2798		2058	2058				2058Bmag, 2058ubv
1520+023 C	QNZ5:24	15 20 16.3 2 19 52	15 22 48.07 2 9 13.1	19.94		-.30	0.867	Mg II 2798		2058	2058				2058Bmag, 2058ubv
1520+024 C	QNZ5:16	15 20 16.4 2 26 19	15 22 48.07 2 15 40.1	20.85		-.79	1.440	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1520+025 C	QNZ5:11	15 20 23.8 2 30 6	15 22 55.41 2 19 27.5	19.51		-.58	0.240			2058	2058				2058Bmag, 2058ubv
1520+026 C	QNZ5:30	15 20 29.1 2 38 39	15 23 0.58 2 28 0.8	19.57		-.61	2.567	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
1520+025 C	QNZ5:35	15 20 30.7 2 34 38	15 23 2.24 2 23 59.9	20.73		-.16	1.746	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1520+413 O	CSO 586 SP 43	15 20 31.2 41 22 36	15 22 19.82 41 11 56.9	17.5			3.1			2026 2028	2027				2174varnd
1520+251 C		15 20 31.78 25 10 23.2	15 22 41.47 24 59 44.6	19.2	0.00	-1.10	1.919	H I 1216 N V 1240 C IV 1549			573				573ubv
1520+223 C		15 20 35.03 22 22 35.9	15 22 47.71 22 11 57.6	18.48*	.30	-1.00	1.228	C IV 1549 C III 1909			573	573			573ubv
1520+027 C	QNZ5:34	15 20 45.0 2 45 54	15 23 16.37 2 35 16.7	20.33		-.05	0.195			2058	2058				2058Bmag, 2058ubv, 2058neml
1520+027 C	QNZ5:31	15 20 45.9 2 42 9	15 23 17.33 2 31 31.8	20.96		-.61	1.014	C III 1909		2058	2058				2058Bmag, 2058ubv
1520+027 C	QNZ5:38	15 20 46.2 2 44 9	15 23 17.60 2 33 31.8	20.78		-.04	(0.250)			2058	2058				2058Bmag, 2058ubv, 2058neml
1520+344 R	UT	15 20 56.1 34 24 47	15 22 54.70 34 14 9.5	19			1.31	C IV 1549 C III 1909		1437	1437				
1521-249 O	M19.05	15 21 0.16 -24 57 43.4	15 23 58.08 -25 8 19.2	17.16			0.142			2193	2194				
1521+024 C	QNZ5:19	15 21 2.5 2 29 53	15 23 34.11 2 19 16.7	20.44		-.31	1.879	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1521-246	M19.06	15 21 5.0 -24 36 7	15 24 2.53 -24 46 42.6	17.8			2.10			2277	2277				
1521+251 C	LB 9673	15 21 8.86 25 8 28.2	15 23 18.53 24 57 51.7	18.30			(0.502)	Mg II 2798			573				
1521+253 C	LB 9675	15 21 17.01 25 22 13.8	15 23 26.42 25 11 37.8	18.61*			2.02	H I 1216 C IV 1549			573	573			
1521+027 C	QNZ5:58	15 21 34.3 2 47 4	15 24 5.65 2 36 29.5	20.79		-.09	2.106	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
1521+027 C	QNZ5:50	15 21 38.3 2 43 4	15 24 9.71 2 32 29.7	20.18		-.07	0.227			2058	2058				2058Bmag, 2058ubv, 2058neml
1521+026 C	QNZ5:54	15 21 46.0 2 39 2	15 24 17.47 2 28 28.1	20.41		-.07	0.224			2058	2058				2058Bmag, 2058ubv, 2058neml
1521+024 C	QNZ5:06	15 21 46.2 2 28 44	15 24 17.82 2 18 10.2	20.46		-.71	1.879	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
1521+026 C	QNZ5:55	15 21 49.7 2 39 50	15 24 21.15 2 29 16.3	18.96		-.45	0.214			2058	2058				2058Bmag, 2058ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1521+024 C	QNZ5:48	15 21 56.8 2 26 36	15 24 28.45 2 16 2.8	20.41		–.07	0.314			2058	2058				2058Bmag, 2058ubv, 2058neml
1522+101 C R	PG	15 22 0.0 10 9 3	15 24 24.60 9 58 29.8	15.74			1.324	C III 1909		1117	1117 2281	2174	2011		1218uv,1598, 2251sp, 1352spvar, 1729,2005ir, 2112x
1522+222 C	LB 9686	15 22 10.5 22 17 30	15 24 23.15 22 6 57.1	19.25			1.76	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549			573				
1522+242 C	LB 9687	15 22 12.93 24 16 49.0	15 24 23.45 24 6 16.2	19.27*			(0.71)	C III 1909 Mg II 2798			573	573			
1522+026 C	QNZ5:51	15 22 18.2 2 36 1	15 24 49.71 2 25 29.0	20.76		–.30	0.156			2058	2058				2058Bmag, 2058ubv, 2058neml
1522+155 R X	MC 3	15 22 22.15 15 31 52.0	15 24 41.62 15 21 19.9	17.5 *			0.628	Mg II 2798 O II 3727 NeIII 3869 NeIII 3968 H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		020	019	1201	1111 1367 1888		703,900, 1201pol, 1188sp,1201x, 343fc
1522+256 C	LB 9689	15 22 31.49 25 41 24.0	15 24 40.43 25 30 52.2	18.22			1.539	C IV 1549 C III 1909			573				
1522+025 C	QNZ5:02	15 22 35.1 2 34 57	15 25 6.62 2 24 25.9	17.92		–.45	0.340			2058	2058				2058Bmag, 2058ubv
1522+025 C	QNZ5:04	15 22 35.3 2 34 6	15 25 6.83 2 23 34.9	19.68		–.55	0.959	Mg II 2798		2058	2058				2058Bmag, 2058ubv
1522+265 C	LB 9694	15 22 37.42 26 33 18.4	15 24 45.39 26 22 46.9	19.27			1.76	H I 1216 N V 1240 C IV 1549			573				
1522+259 C	LB 9695	15 22 37.67 25 54 23.0	15 24 46.36 25 43 51.5	18.79*			(0.55)	Mg II 2798			573	573			
1522+113 R	MC 2 OR 139	15 22 39.47 11 18 15.4	15 25 2.96 11 7 44.4	18			0.331	O II 3727 NeIII 3869 H I 4861 O III 4959 O III 5007		020	019		1111		343fc
1523+214 C	LB 9707	15 23 8.83 21 24 36.3	15 25 22.33 21 14 6.7	17.96	.21	–1.34	1.924*	H I 1216 Si IV 1397 C IV 1549	1.9300 1.7928 1.7338		030	591		030 560 1635 2228 2263	214ubv, 1202pol,850, 853,921rnd, 921,992ir, 921phot
1524+243 C		15 24 6.83 24 23 2.6	15 26 17.08 24 12 36.2	19.0	.50	–1.00	(0.55)	Mg II 2798			573				573ubv
1524–136 R	MC PKS	15 24 12.87 –13 40 34.9	15 26 59.44 –13 51 0.1	21 *			1.687				1204	1204	1792 2056		1526vlbi, 1810pos
1524+101 R X	4C 10.43 MC 2 OR 140	15 24 21.84 10 9 35.1	15 26 46.35 9 59 9.9	18			1.358	C IV 1549 C III 1909 C II 2326 Mg II 2798		100	100 019		1111 1145 1170		696,912x,020, 343fc

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1525+158 X	1E	15 25 8.2 15 51 20	15 27 27.21 15 40 57.3	17.24	.11	–.86	0.230	H I 4340 O III 4363 He II 4686 H I 4861 O III 4959 O III 5007		771 1416	771				771ubv,1048x, 939ext,1026, 1207,1261imag, 1910sp 43.6 arcmin from UGC 9846, 1650,2118
1525+314 R	B2 VR31.15.01 OR 342	15 25 17.4 31 25 46.5	15 27 19.31 31 15 23.9	19.1			1.38			113	131				831sp, 1526vlbi
1525+227 C X R	LB 9743 OR 241 B2	15 25 45.69 22 43 25.3	15 27 57.61 22 33 4.6	16.39*	–.20	–.50	0.253	Mg II 2798 O II 3727 H I 4861 O III 4959 O III 5007		100	030 009	591 1201	850 853 921 1171		214ubv,705, 1202pol,1183x, 921,992,1617, 2021ir, 921phot, 1002xvar, 1028mm 1207,1259,1261 1700imag/ext 0.55 and 0.67 arcmin from 2 anon gals, 1650,2118;
1526+285 X		15 26 37.8 28 35 58	15 28 43.02 28 25 40.1	15.70	0.00	–.60	0.450			1265	1265				1265ubv, 1209ext, 1910sp,1941uv 1902avg Bmag
1527+232 C	LB 9760	15 27 18.26 23 12 25.0	15 29 29.54 23 2 9.6	18.50*			1.570	C IV 1549 C III 1909			573	573			
1528+144 O	KP 55	15 28 56.6 14 26 25	15 31 16.81 14 16 15.5	20.5			1.94			457	853				853rnd
1529+144 O	KP 56	15 29 40.5 14 27 19	15 32 0.67 14 17 12.0	20.5			(2.7)			457	853				853rnd
1529+050 X	1E	15 29 59.3 5 4 2	15 32 28.44 4 53 56.3	17.8	.18		0.219	O II 3727 H I 4861 O III 4959 O III 5007		1269	1269				1269ubv, 1910sp
1530+137 R	4C 13.55	15 30 54.29 13 42 28.3	15 33 15.14 13 32 25.6	18.99	.33	–.69	0.711	C III 1909 Mg II 2798		124	436		789 1111 1888		436ubv
1532+016 R	PKS	15 32 20.2 1 41 2	15 34 52.48 1 31 4.6	18.11*			1.435	C IV 1549 C III 1909 Mg II 2798		351	1861 1181	1181 1902	1861		781ir, 1526vlbi,1800, 2103pol,025fc IRAS source, 1806;1902avg Bmag
1532+016 O		15 32 20.6 1 40 10	15 34 52.90 1 30 12.6	17.0			0.310	NeIII 3869 NeIII 3968 H I 4102 H I 4861 O III 4959 O III 5007			1304				419,761sp,025, 426fc
1537+595 C	NGC 5982 UB 2	15 37 38 59 31 6	15 38 39.66 59 21 24.9	19			1.968				540				12.38 arcmin from NGC 5981, 18.1 arcmin from NGC 5982, 12.33 arcmin from NGC 5985, 2118
1537+595 C	NGC 5982 UB 1	15 37 38 59 31 6	15 38 39.66 59 21 24.9	19			2.132				540				1.78 arcmin from NGC 5981, 4.28 arcmin from NGC 5982, 11.9 arcmin from NGC 5985, 2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1538+477	PG	15 38 0.8	15 39 34.73	16.01			0.770	Mg II 2798		1117	1117		2011		1598,2251sp,
C		47 45 10	47 35 31.1												1617ir,2112x
R															
1538+149	4C 14.60	15 38 30.6	15 40 49.86	18.31*	.52	-.60				100		009	789		323,648ubv,
BL Lac R	OR 165	14 57 25	14 47 49.2									970	837		323,877,1626,
X												1902	1084		1988,2046,
													1152		2062,2103pol,
													1160		778,1057,1307,
													1367		1350,2107,
													1557		2112x,
													1771		1086rvar,781,
													1807		1141ir,1164,
													1930		1649mf,009,
													2073		100,458sp,
															132fc,
															1526vlbi,
															1789mm,
															1884imag,
															1939phot
															IRAS source,
															1806;1902avg
															Bmag; faint
															gals near,2118
1540+180	4C 18.43	15 40 3.53	15 42 19.45	18			1.661*	H I 1216	1.4639	078	009		1818	2049	
R	OR 167	18 5 39.6	17 56 9.2					C IV 1549	0.7936		2049		1891	2263	
								He II 1640	0.7294		2281				
								O III 1663	0.6945						
								C III 1909							
								Mg II 2798							
1540+110	MC 2	15 40 33.04	15 42 56.14	18			0.992	Mg II 2798		020	020		1111		166,343fc
R		11 4 4.6	10 54 36.2					Ne V 3426					1888		
								O II 3727							
1541+355	UT	15 41 6.2	15 43 0.71	19.5			1.70	H I 1216		1437	1437				
R		35 34 44	35 25 16.8					O IV 1402							
								C IV 1549							
1542+042	PKS	15 42 29.8	15 44 59.51	18			2.182	H I 1216		222	501		010	1747	761,1304sp
R	4C 04.53	4 17 6.2	4 7 45.0					O I 1304					412		
								Si IV 1397							
								O IV 1402							
								C IV 1549							
1542+373	4C 37.45	15 42 53.44	15 44 45.07	17.7			0.972	C III 1909		033	032		462		1201pol,831sp,
R	OR 372	37 22 29.0	37 13 8.2					Mg II 2798			009		774		1320rpol,
	B2												775		203fc
													800		
													2060		
1543+489	PG	15 43 59.8	15 45 30.08	16.05			0.400*	Mg II 2798	0.075	1117	1117		2011	2265	1598sp,1617,
C		48 55 30	48 46 12.6					H I 4340							1729,2005,
															2018ir,1688,
															1700imag,
															2112x,
															2174varnd
															0.57 and 0.67
															arcmin from 2
															spiral gals,
															1650; 0.075
															and 0.076zgals
															2248; faint
															gals near,2118
1544+212	KP 57	15 44 26.1	15 46 38.39	20.5			2.05	H I 1216		457	867				1617ir,873xnd,
O		21 12 13	21 2 58.4					C IV 1549							853rnd
1545+209	KP 58	15 45 29.1	15 47 41.65	21			1.85	H I 1216		457	867				853rnd,873xnd,
O		20 54 35	20 45 24.2					C IV 1549			457				1617ir

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1545+210 R X	3CR 323.1 4C 21.45 NRAO 483 OR 276 PKS PG	15 45 31.13 21 1 27.5	15 47 43.55 20 52 16.8	16.69*	.11	-.85	0.264	Mg II 2798 O III 4363 H I 4861 O III 4959 O III 5007		064	005 334	080 212 252 290 753 920 1068	128 462 775 1171 1436 1545 1891 2011		007,059ubv, 156,705, 1202pol,1223, 1362,1536ext, 324,334,1117, 1598sp, 1320rpol, 1222elp,873, 1107,1487, 1678,2112x, 749pos,1530, 1617,1729, 2005ir,232, 463fc,1700, 1884,1911imag, 1753xvar,1941, 2061uv, 2100FeIIem Compact object z=0.2645 nearby,1339; 6.17 arcmin from anon gal, 0.270zgal, faint gals near,2118
1546+353 R	UT	15 46 23.8 35 20 37	15 48 18.04 35 11 29.0	18			0.48	Mg II 2798 O II 3727 H I 4102 H I 4340		1437	1437				
1546+027 R X	PKS OR 078	15 46 58.31 2 46 6.4	15 49 29.46 2 37 1.5	16.83*	.17	-.71	0.413	Mg II 2798 O III 3133 Ne V 3426 NeIII 3869 O III 4363 H I 4861 O III 5007		026	084 023 436	1902	775 789 803 1162		436ubv,900pol, 1162rvar,873, 1195,1686, 1980x, 1259imag, 1320rpol, 1526vlbi, 1789mm, 1810pos 1902avg ph mag
1547+116 O		15 47 4.5 11 41 35	15 49 26.76 11 32 30.3	18.4			(1.7)	C IV 1549 C III 1909		1438	1438				
1547+115 O	KP 60	15 47 15.1 11 33 40	15 49 37.49 11 24 35.9	19.0			1.42	C IV 1549 C III 1909		457 1438	867				853rnd
1547+187 R	4C 18.45	15 47 22 18 44 15	15 49 36.84 18 35 11.1	18.69*	.34	-1.19	1.442	C IV 1549 C III 1909		124	436	436	789		436ubv
1547+116 O	KP 61	15 47 28.2 11 36 17	15 49 50.54 11 27 13.7	20.0			2.15	H I 1216 C IV 1549		457	867				853rnd
1547+105 R	MC 2	15 47 35.20 10 33 34.6	15 49 58.59 10 24 31.8	18			1.309	C IV 1549 He II 1640 O III 1663 N III 1750 C III 1909 Mg II 2798		020	019 415		1111		343fc
1548+056 R	PKS	15 48 6.93 5 36 11.2	15 50 35.27 5 27 10.5	17.7			1.422	C IV 1549 Mg II 2798		010 110	1861		1861		1800,2103pol, 1800hpq
1548+116 O	KP 62	15 48 20.1 11 36 15	15 50 42.41 11 27 14.9	20			1.29	C IV 1549 C III 1909		457	867 457				853rnd,912xnd

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1548+114 R X	MC 2 4C 11.50 OR 181 A	15 48 21.20 11 29 47.0	15 50 43.62 11 20 47.0	17.23	.24	–.82	0.436+	Mg II 2798 Ne V 3345 Ne V 3426 O II 3727 NeIII 3869 NeIII 3968 He 3970 H I 4102 H I 4861 O III 4959 O III 5007	0.0000	020 1438	215 436		789 1111 1170 1888	1377 1991 2228	705,1202pol, 1159,1526vlbi, 1320rpol,1377, 1420,1467sp, 124,155,343, 526fc,696, 1980x,1485ubv, 1420FeIIem 1377,1688,1700 imag/ext; 9 and 12arcsec from 2 anon gals,0.4338 and0.4327zgals 1650,2118; 5 arcsec from QSO 1548+114B, 215,439;
1548+114 R	B	15 48 21.52 11 29 46.5	15 50 43.94 11 20 46.5	19			1.901*	H I 1216 C IV 1549	1.8923 1.7563 1.6085 1.4228	020	215			439 1377 1991 2228 2263	705pol,696, 912xnd,1377sp, 1377imag,155, 526fc abs z=0.4293 not found,1991 9 and 12 arcsec from 2 anon gals, 0.4338 and 0.4327zgals, 2118
1548+092 O		15 48 38.55 9 17 48.0	15 51 3.19 9 8 49.1	17.5			2.749*	O VI 1034 H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.4915 2.3195 2.2484 0.7708	1440	1440 1872			1872 1873 2228 2263	Ly limit abs, 2247
1549+486 C	Y	15 49 17 48 37 59	15 50 46.97 48 29 0.9	19.5			1.737			998	998				Coordinates of this and the next 12 QSOs are not avail. Coordinate is that of star SAO 45758 which is at the center of the field.See ref 998,fig 1.
1549+486 C	46	15 49 17 48 37 59	15 50 46.97 48 29 0.9				0.968			998	998				
1549+486 C	X	15 49 17 48 37 59	15 50 46.97 48 29 0.9	18.9			2.042			998	998				
1549+486 C	I	15 49 17 48 37 59	15 50 46.97 48 29 0.9	20.0			2.045			998	998				
1549+486 C	L	15 49 17 48 37 59	15 50 46.97 48 29 0.9				0.953			998	998				
1549+486 C	K	15 49 17 48 37 59	15 50 46.97 48 29 0.9				(1.869)			998	998				
1549+486 C	A	15 49 17 48 37 59	15 50 46.97 48 29 0.9	19.8			1.960			998	998				
1549+486 C	V	15 49 17 48 37 59	15 50 46.97 48 29 0.9	19.3			(0.858)			998	998				
1549+486 C	H	15 49 17 48 37 59	15 50 46.97 48 29 0.9				1.854			998	998				
1549+486 C	G	15 49 17 48 37 59	15 50 46.97 48 29 0.9	18.9			(1.100)			998	998				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1549+486 C	F	15 49 17 48 37 59	15 50 46.97 48 29 0.9	20.0			(1.878)			998	998				
1549+486 C	E	15 49 17 48 37 59	15 50 46.97 48 29 0.9	19.2			1.728			998	998				
1549+486 C	D	15 49 17 48 37 59	15 50 46.97 48 29 0.9	19.7			1.465			998	998				
1549+203 C X	LB 906 1E	15 49 49.4 20 22 56.5	15 52 2.28 20 14 1.6	17.4			0.250	O II 3727 He 3970 H I 4102 H I 4340 H I 4861 O III 5007		1416	1416				1048x 8.9 arcmin from ZWG 107.051,1650; 8.78 arcmin from 3C 326, 2118
1550+721 X	E	15 50 1 72 9 56	15 49 40.56 72 0 57.3	19.9	.60		0.177	H I 4861 O III 5007		1417	1417				1417x
1550-269 R	PKS	15 50 59.72 -26 55 50.6	15 54 2.42 -27 4 39.8	21.5			2.145*	H I 1216 N V 1240 C IV 1549 C III 1909	2.087	1004	1251		1251 2056	1251 2228 2263	1526vlbi
1551+130 R	PKS	15 51 12.08 13 5 42.0	15 53 32.75 12 56 52.5	17.65	.40	-.81	1.29 +	C III 1909 Mg II 2798		010	1803		767 2162	767 1803	1485ubv, 1336rvar, 1526vlbi
1552+085 C R	PG	15 52 19.2 8 31 6	15 54 44.54 8 22 20.7	16.02			0.119	H I 4340 H I 4861		1117	1117		2011		1598sp,1729, 2005ir,2112x compan gal, 1788; faint gals near,2118
1552+199 R	UT	15 52 26.0 19 56 5	15 54 39.24 19 47 19.8	18.5			1.34	C IV 1549 C III 1909		1437	1437				
1553+113 BL Lac C	PG	15 53 20.8 11 20 3	15 55 43.23 11 11 21.5	15.04*			0.36	H I 1216 N V 1240		1598	1495	1495 1902			1617ir,2150sp, 2112x, 2150uv/ir IRAS source, 1806;1902avg Bmag
1553+159 X	1E	15 53 36.2 15 58 9.6	15 55 53.73 15 49 28.9	17.68			1.324	C IV 1549 C III 1909		1233	1233				
1554-203 R	MC	15 54 26.13 -20 20 34.8	15 57 21.22 -20 29 11.3	19.2			1.947*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 N III 1750 C III 1909	0.7869	673	673 2049 2281		1818 1891 2056	2049 2263	1704fc
1555+001 R	PKS DW	15 55 17.7 0 6 44	15 57 51.44 -0 1 49.9	19.3			1.77	H I 1216 C IV 1549		166	578		023		1241xnd, 1526vlbi, 1805mmvar, 2103pol
1555+332 R X	GC B2	15 55 33.6 33 13 20.0	15 57 29.94 33 4 46.0	18.3			0.942	C III 1909 Mg II 2798		216	152		1145 1170		912x
1556-245 R	PKS	15 56 41.22 -24 34 11.3	15 59 41.42 -24 42 39.2	19			2.818*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909	1.4505 1.1815 0.7713	412	501 2049 2281		011 2056	2049 2263	761,1304sp, 1526vlbi

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1556+335	GC	15 56 59.43	15 58 55.18	17	.49	–.51	1.651*	C IV 1549	1.6760	216	323		1170	560	323ubv,705,
R		33 31 47.4	33 23 18.8					C III 1909	1.6537		476		1213	1635	1202pol,912x,
X									1.6505		1635		1586	1677	1514BAL?
									1.6445		1901			2228	z(abs)1.62–
									1.6395					2263	1.60,560;
									1.6106						
									1.6030						
									1.2317						
1557–199	MC	15 57 16.13	16 0 10.97	19.5			2.195	C IV 1549	2.34	673	1704		1818	673	1704fc
R		–19 59 15.3	–20 7 41.2					C III 1909	1.6180		1848		1891	2049	
								Mg II 2798			2049		2056	2263	
1558+187	UT	15 58 2.9	16 0 17.13	18			2.40	H I 1216		1437	1437		2162		
R		18 46 54	18 38 29.9					C IV 1549							
1558+282		15 58 8.2	16 0 11.02	20.8			2.32	H I 1216		1387	1387				
O		28 16 36	28 8 11.9												
1559+173	4C 17.65	15 59 4.63	16 1 20.38	17.7			1.959*	H I 1216	1.9612	343	009		010	560	
R	PKS	17 22 36.5	17 14 16.4					C IV 1549			019		1586	1635	
	VR17.16.06							C III 1909			1901		1818	2228	
	OR 199							Mg II 2798					1891	2263	
	MC 3												2009		
													2092		
1559+286		15 59 13.6	16 1 15.89	21.4			2.49	C IV 1549		1387	1387				
O		28 37 24	28 29 4.0					C III 1909							
1559+140		15 59 35.24	16 1 54.55	18			2.237	O VI 1034		476	476				
R		14 5 29.3	13 57 11.2					H I 1216							
								C IV 1549							
1559+088		15 59 57.8	16 2 22.57				2.269	H I 1216			1138				
		8 53 53	8 45 36.5					N V 1240							
								Si II 1263							
								O I 1304							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
								C III 1909							
1600+284		16 0 8.4	16 2 10.86	21.8			3.25	H I 1216		1387	1387				
O		28 26 12	28 17 55.5												
1600+282		16 0 49.3	16 2 51.97	19.6			2.27	H I 1216		1387	1387				
O		28 13 54	28 5 40.1					C IV 1549							
1601+182	CL 1	16 1 4.2	16 3 18.84	19.5			3.238*	H I 1216	3.217	564	564			564	
O		18 17 17.5	18 9 4.9					N V 1240			472			2228	
								Si IV 1397						2263	
								C IV 1549							
1601+177	CL 2	16 1 28.7	16 3 43.89	18.5			1.481	C III 1909		564	564				873xnd
O		17 47 0.5	17 38 49.5					Mg II 2798							
1601+184		16 1 38.3	16 3 52.78	20.2			2.31	H I 1216		1439	1439				
O		18 24 8	18 15 57.6					C IV 1549							
1601+184	CL 3	16 1 47	16 4 1.45	19.5			1.942+	H I 1216		564	564			564	873xnd
O		18 25 34.2	18 17 24.3					Si IV 1397							
								C IV 1549							
								C III 1909							
1602–001	PKS	16 2 22.11	16 4 56.15	17.49*	.28	–.56	1.624*	H I 1216	1.3245	087	436	1181	023	1000	436,1485ubv,
R		–0 11 0.2	–0 19 7.3					Si IV 1397			748		789	1747	761,1000,1032,
								O IV 1402			2281		1476	2228	1181,2151sp,
								C IV 1549					1818	2263	1526vlbi
								He II 1640					1891		
								C III 1909							
								Mg II 2798							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1602+178 O	CL 4	16 2 46.4 17 53 21.7	16 5 1.41 17 45 15.6	19.5			3.003*	H I 1216 N V 1240 Si IV 1397 C IV 1549 O III 1663	2.979 2.925	564	564 472			564 2228 2263	873xnd 9.97 arcmin from NGC 6039 and NGC 6040, 7.47 arcmin from NGC 6041, 6.57 arcmin from NGC 6042, 2.2arcmin from NGC 6043, 6.85 arcmin from NGC 6044, 1.48 arcmin from NGC 6045, 1.95 arcmin from NGC 6047, 4.38 arcmin from NGC 6050, 6.0 arcmin from NGC 6054,2118
1602+576 R	4C 57.27	16 2 53.92 57 39 1.9	16 3 55.85 57 30 54.1	18.3			2.858*	O VI 1034 H I 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663	2.4084	581	580 2049 2281		1521 1818 1891	2049 2263	1003sp
1603+183 O	CL 7	16 3 5.5 18 18 16.5	16 5 20.02 18 10 11.6	20.0			1.620	Si IV 1397 C IV 1549 He II 1640 C III 1909		564	564				873xnd 7.45 arcmin from NGC 6053, 2.68 arcmin from NGC 6055, 4.12 arcmin from NGC 6057, 2118
1603+179 O R	CL 8	16 3 46.4 17 55 43	16 6 1.32 17 47 40.7	21.0			(1.813)	H I 1216 C IV 1549 C III 1909		564	564		457 517		873xnd 8.55 arcmin from NGC 6054, 2118
1603+181 O	CL 9	16 3 49.8 18 6 18.9	16 6 4.52 17 58 16.8	20.0			(2.066)	C IV 1549 C III 1909		564	564				873xnd 8.62 arcmin from NGC 6053, 7.87 arcmin from NGC 6056, 2118
1604+181 O	CL 10	16 4 11.4 18 10 45.5	16 6 26.02 18 2 44.8	20.5			1.842	C IV 1549 C III 1909		564	564				873xnd
1604+176 O	CL 11	16 4 13.2 17 39 28.3	16 6 28.40 17 31 27.7	19.5			2.04	C IV 1549 C III 1909		564	564				873xnd
1604+177 O	CL 12	16 4 22.5 17 43 15.7	16 6 37.62 17 35 15.7	19.0			2.323	H I 1216 C IV 1549 C III 1909		564	564				873xnd 4.4arcmin from CL 11,1652
1604+179 O	CL 13	16 4 27 17 56 19.9	16 6 41.88 17 48 20.2	19.5			2.717+	H I 1216 Si IV 1397 C IV 1549 C III 1909		564	564			564	873xnd
1604+159 BL Lac R	MC 3 4C 15.54 OS 108.2	16 4 49.6 15 59 38	16 7 6.63 15 51 39.8	18.7						343 634			1441		044,415,761sp, 2112x
1604+290 O R	KP 63	16 4 52.8 29 3 32	16 6 54.06 28 55 33.6	17			1.95	H I 1216 C IV 1549		457	867 457	2174	853		873xnd

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1604+158	1E	16 4 53.6	16 7 10.77	19.07			0.357	Mg II 2798		1233	1233				1233x
X		15 52 7.3	15 44 9.4					O II 3727							
								NeIII 3869							
								H I 4340							
								H I 4861							
1604+183	CL 14	16 4 57.7	16 7 12.04	20.0			(1.392)	C IV 1549		564	564				
O		18 23 16.7	18 15 19.0					C III 1909							
1605+178	CL 15	16 5 1	16 7 15.94	20.5			2.116	C IV 1549		564	564				
O		17 51 26.2	17 43 28.7					C III 1909							
1605+179	CL 16	16 5 11.7	16 7 26.50	19.0			0.888	C III 1909		564	564				873xnd
O		17 58 16.8	17 50 20.0					Mg II 2798							
1605+288	KP 64	16 5 18.3	16 7 19.79	20.5			(1.8)			457	457				853rnd,873xnd
O		28 51 54	28 43 57.2								853				
1605+355	UT	16 5 33.5	16 7 25.31	18			0.97	C III 1909		1437	1437				
R		35 35 58	35 28 1.9					Mg II 2798							
1606+289	4C 28.40	16 6 9.95	16 8 11.26	19			1.986*	H I 1216	1.9721	033	032		462	032	831sp,873x
R	VR28.16.01	28 56 55.7	28 49 2.2					C IV 1549	1.9595		2049		774	2049	
X	OS 210							He II 1640			2281		800	2263	
	B2							C III 1909					1476		
													1891		
1606+289	KP 67	16 6 38.6	16 8 39.82	19			2.56	O VI 1034		457	867				1320rpol,
O		28 59 38	28 51 46.4					H I 1216			457				853rnd,873xnd,
															1617ir
1606+180	4C 18.47	16 6 56.67	16 9 11.29	18			0.346	Mg II 2798		078	009		789		1259imag,
R	VR18.16.02	18 4 6.5	17 56 16.4					O II 3727					1111		1922sp
	DA 402							O III 4959					1888		
	OS 113							O III 5007					1891		
1607+290	KP 69	16 7 24.9	16 9 25.97	19.5			0.36	Mg II 2798		457	867				873xnd,853rnd
O		29 3 24	28 55 35.3					O II 3727							
1607+183	UT	16 7 51.0	16 10 5.28	18.5			3.123*	H I 1216	2.4380	1437	1437			2049	Ly limit abs,
R		18 19 32	18 11 45.4					O I 1304			2049			2263	2247
								SiIVb 1400			2281				
								C IV 1549							
1608+113	MC 2	16 8 11.50	16 10 33.44	18			0.457	Mg II 2798		020	019		1111		343fc
R		11 23 15.7	11 15 30.7					O II 3727							
								NeIII 3869							
								H I 4340							
								H I 4861							
								O III 4959							
								O III 5007							
1610–771	PKS	16 10 51.56	16 17 49.31	19	*		1.71	H I 1216		114	709	1800	2056		1526vlbi,
R		–77 9 52.4	–77 17 18.4					C IV 1549							1707fc,1800,
								C III 1909							2103pol,
								Mg II 2798							1897pos
1611+343	DA 406	16 11 47.92	16 13 41.08	17.76*			1.401	C IV 1549		081	073	748	128		1201,2103pol,
R	OS 319	34 20 20.2	34 12 48.3					C III 1909			084	1181	816		820,1173,1225,
X	GV 273							Mg II 2798			443	1902	1152		1322,1336rvar,
	LHE 403										748		1544		750pos,831,
	GC												1557		1032,1181sp,
													1792		1241x,113fc,
															1466,1526,
															1955vlbi,
															1617ir,1789mm,
															1805mmvar
															1902avg Bmag
1611–034	1E	16 11 50.6	16 14 28.00	17.62			0.298	Mg II 2798		1233	1233				1233x,
X		–3 24 7.0	–3 31 37.4					He 3970							1233FeIIem
								H I 4102							
								H I 4340							
								H I 4861							
1612+378	UT	16 12 3.7	16 13 51.26	18.5			1.63	C IV 1549		1437	1437				
R		37 50 29	37 42 58.0					C III 1909							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1612+266	NAB	16 12 7	16 14 10.90	17.3			0.395+	Mg II 2798		016	016		2011	016	705,1202pol,
C		26 40 15	26 32 44.7					Ne V 3426							831,1922sp,
X								H I 4102							853rnd,873x,
R								H I 4340							1617ir
								H I 4861							1259,1700
															imag/ext;
															7.55 arcmin
															from NGC 6096,
															2118
1612+261	TON 256	16 12 8.72	16 14 13.23	15.41*	.65	−.78	0.131	Ne V 3345		144	063	007	853		007,218,
C	PG	26 11 46.7	26 4 16.5					Ne V 3426			070	212			1451ubv,704,
X								O II 3727			217	258			1202pol,799,
R								NeIII 3869			219	290			1237,1319,
								He 3970							1617,1729,
								H I 4102							2005ir,324,
								H I 4340							1117,1598,
								H I 4861							1922sp,819,
								O III 4959							1030,1362ext,
								O III 5007							749pos,873,
								He I 5876							1183,1487,
								H I 6563							1980,2112x,
								S II 6731							1028mm,1214,
															1329elp,320fc,
															1701,1941uv,
															1863irpol,
															1884imag
															em line var,
															1763,1833;
															3.5 arcmin
															from spiral,
															0.1205zgal,
															5.0 arcmin
															from anon
															gal,0.1318
															zgal,1650,2118
															4 compan gals,
															1788,2118
1613+170	OFF 1	16 13 5.2	16 15 20.71	20.0			1.524	C IV 1549		564	564				
O		17 3 3.4	16 55 37.2					C III 1909							
1613+182	OFF 3	16 13 8.1	16 15 22.18	20.0			2.502	H I 1216		564	564				
O		18 17 34.3	18 10 8.3					Si IV 1397							
								C IV 1549							
1613+168	OFF 2	16 13 14.5	16 15 30.27	20.0			2.001	H I 1216		564	564				
O		16 49 20.5	16 41 54.9					C IV 1549							
								He II 1640							
								C III 1909							
1613+658	PG	16 13 36.30	16 13 57.26	15.23	.43	−.87	0.129	H I 4861		1276	1117		2011		1491ubv,1487,
C	MKN 876	65 50 38.0	65 43 10.2					O III 4959							1781,2112x,
X								O III 5007							1222,1329elp,
															1030,1362ext,
															1598,1910,
															1922sp,1617,
															1729,2005,
															2018,2029ir,
															1724imag,
															2100FeIIem
															IRAS source,
															1744;rnd at
															11cm,1757;
															47.0 arcmin
															from NGC 6140,
															1650,2118;
															20 arcsec from
															spiral gal,
															1724;2 compan
															gals,1788,2118
1613+172	OFF 5	16 13 41.7	16 15 56.96	18.5			2.729+	H I 1216		564	564			564	
O		17 15 15.1	17 7 51.3					N V 1240							
								Si IV 1397							
								C IV 1549							
								C III 1909							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1613+173 O	OFF 6	16 13 44 17 23 44.7	16 15 59.09 17 16 21.0	19.0			1.60	Si IV 1397 C IV 1549 C III 1909		564	564				
1614+051 R X	PKS	16 14 9.08 5 6 54.9	16 16 37.56 4 59 33.3	19.5			3.217*	O VI 1034 H I 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 C II 4267	3.0961 2.9574 2.515		1304 539 2049 2281		010 2162	539 2049 2263	761sp, 1526vlbi, 1686x 1709,1720imag/ ext; anon gal near,3.125zgal 1720,2118
1614+055 X	1E	16 14 52.4 5 33 36.8	16 17 20.40 5 26 18.0	18.47			0.855	Mg II 2798		1233	1233		1490		
1615+172 O	OFF 9	16 15 3 17 12 48.7	16 17 18.25 17 5 30.2	19.5			2.996	O VI 1034 H I 1216 Si IV 1397 C IV 1549		564	564				
1615+029 R	PKS	16 15 19.12 2 54 0.7	16 17 49.92 2 46 43.7	17.24	-.08	-1.04	1.339	C IV 1549 C III 1909		026	436 748		789 803 1395		1032,1181sp, 1451ubv, 1526vlbi 1902avg ph mag
1616+063 R	DW	16 16 36.6 6 20 10	16 19 3.76 6 12 58.0	19			2.086	H I 1216 C IV 1549		166	578		010 412 2162		1526vlbi
1617+175 C X R	PG MKN 877 1E	16 17 56.9 17 31 34	16 20 11.67 17 24 26.9	15.46*	.17	-1.00	0.114	O II 3727 H I 4102 H I 4340 H I 4861 O III 5007 H I 6563		1276 1416	1117 1416	1770	2011		1491ubv,1420, 1598sp,1048, 1416,1487, 2112x, 1420FeIIem, 1329elp,1030, 1362ext,1729, 2005ir 3C 334 11 arcmin N,1416; 2 compan gal, 1788,2118; faint gals near,2118
1618+177 R X	3CR 334 4C 17.68 PKS NRAO 500 OS 131 MC 3	16 18 7.31 17 43 30.4	16 20 21.85 17 36 24.0	16.77*	.12	-.79	0.555	Mg II 2798 Mg V 2931 Ne V 2974 O III 3133 He II 3203 H I 4102 H I 4340 O III 4363		182	154 013	080 212 248 252 258 290 753 875 920 1068 1902	128 462 775 787 789 870 916 1111 1476 1545 1804 1888 1891 1998 2013		007,008ubv, 156,705, 1202pol,324, 761,1188,1304, 1467sp, 1159vlbi, 799ir,749pos, 1107,1980x, 050,343fc, 1688imag, 2180spext 1796rpol jet 1902avg Bmag; faint gals near,2118
1619-680 R	PKS	16 19 14.0 -68 2 13	16 24 18.93 -68 9 9.6	18			1.354	C III 1909 Mg II 2798		1707 2151	2199 2151		011		
1620+103 BL Lac R	MC 2	16 20 12.3 10 20 12	16 22 35.08 10 13 14.1	17.8						343 634					781ir,019sp, 914rnd,2112x
1620+356 R	4C 35.41 OS 334 B 2	16 20 39.63 35 38 23.1	16 22 29.97 35 31 26.0	18.5			1.473	C IV 1549 C III 1909		078	009		1111		
1621+392 R	UT	16 21 23.4 39 16 25	16 23 7.56 39 9 30.6	17.5			1.97	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		1437	1437				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1621+361	UT	16 21 41.0	16 23 30.49	18.5			0.87	C III 1909		1437	1437				
R		36 6 25	35 59 32.0					Mg II 2798							
1622+268	KP 70	16 22 5.3	16 24 8.38	21.0			(2.1)			457	853				853rnd,873xnd
O		26 48 25	26 41 34.0												
1622+269	KP 71	16 22 24.5	16 24 27.39	20.0			3.16			457	853				853rnd,873xnd
O		26 56 20	26 49 30.3								1430				
1622+238	3CR 336	16 22 32.21	16 24 39.09	17.47*	.44	−.79	0.927	C III 1909		008	102	1201	128		008ubv,877,
R	4C 23.43	23 52 2.0	23 45 12.9					Mg II 2798					462		900,1201pol,
X	NRAO 501												775		1107,1980x,
	OS 328												787		2251sp
	DA 410												1170		1796rpol jet
	PKS												1476		
													1804		
													1891		
													2013		
1622+395	UT	16 22 38.2	16 24 21.79	17.5			1.12	C III 1909		1437	1437				
R		39 31 33	39 24 43.6					Mg II 2798							
1622−310	PKS	16 22 44.86	16 25 55.46	18.1			1.124	C III 1909		1004	1251		1251		
R		−31 1 21.2	−31 8 7.5					Mg II 2798					2056		
1622+158	MC 3	16 22 57.81	16 25 14.31	18			1.406	C IV 1549		124	019		789		343fc
R	4C 15.55	15 52 9.7	15 45 22.6					C III 1909			436		1111		
	OS 140							Mg II 2798							
1623+271	KP 72	16 23 8.6	16 25 11.14	18.0			1.44			457	1430				1430x
O		27 9 59	27 3 12.2												
X															
1623+269	4C 26.48	16 23 11.50	16 25 14.32	17.5 *			0.779	C III 1909		052	032	1201	462		1201pol,831sp,
R	PKS	26 57 13.3	26 50 26.7					Mg II 2798					774		873,1430x,
X	VR26.16.03												1170		1320rpol,033,
	OS 240														083,155fc,
	B2														2180spext
1623+173		16 23 13.52	16 25 28.27	19			0.552	O II 3727		343	019		1111		
R		17 22 6.4	17 15 20.3					H I 4861		1111			1888		
1623+270	KP 73	16 23 17.4	16 25 20.14	20.0			(2.3)			457	853		457		853rnd,873xnd
O		27 0 20	26 53 33.8												
1623+269	KP 74	16 23 25.4	16 25 28.26	19.6			2.44			457	1439				853rnd,873,
O		26 54 41	26 47 55.3								853				1048xnd
1623+155	KP 75	16 23 31.3	16 25 48.13	20.0			(3.1)			457	853				853rnd
O		15 33 53	15 27 8.2								457				
1623+268	KP 76	16 23 44.8	16 25 47.71	18			2.467*	O VI 1034	2.2754	457	1929			1929	853rnd,873xnd
O		26 51 27	26 44 42.6					H I 1216			457			2228	Ly alpha abs,
								N V 1240			867				1929
								C IV 1549			1430				
1623+268	KP 77	16 23 45.4	16 25 48.26	17.3			2.526*	O VI 1034	2.5287	457	1496			1496	Ly alpha abs,
O		26 53 54	26 47 9.7					H I 1216	2.1615		1872			1872	1496,1929;
								N V 1240	2.0527		1929			1873	2.88 arcmin
								Si IV 1397	1.9729					1929	from KP 78,
								O IV 1402	1.8802					2228	1496
								C IV 1549	1.0397					2263	
									0.8885						
									0.3292						
1623+268	KP 78	16 23 54.2	16 25 57.10	19.4			2.605*	H I 1216	2.2405	457	1496			1496	2.88 arcmin
O		26 51 42	26 44 58.3					N V 1240	2.0940		1929			1929	from KP 77,
									1.9856					2228	1496;
														2263	Ly alpha abs,
															1496,1929
1624+269	KP 79	16 24 3.1	16 26 5.86	18.5			2.183*	H I 1216	2.1771	457	1929			1929	853rnd,873xnd,
O		26 57 33	26 50 49.8					C IV 1549	2.0850		457			2228	1430x
X											867				Ly alpha abs,
											1430				1929
1624+416	4C 41.32	16 24 18.25	16 25 57.68	22			2.55				1862		1936		1862vlbi
R		41 41 23.5	41 34 40.6												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1624+349 R		16 24 29.37 34 58 24.2	16 26 20.44 34 51 42.4	19.4			1.337			1446	1447				
1625−141 R	PKS	16 25 57.3 −14 9 18	16 28 46.64 −14 15 52.1	19.5			(1.10)			412	761		011		1526vlbi
1626+554 C X	PG	16 26 51.5 55 29 5	16 27 56.16 55 22 31.2	16.17			0.133	H I 4102 H I 4340 H I 4861 O III 5007		1117	1117 1362				1117Bmag, 2112x,1030, 1362ext
1627+409 O		16 27 39.3 40 55 7	16 29 19.85 40 48 37.6	19.1			1.214	C IV 1549 C III 1909 Mg II 2798		2052	2052				
1628+498 O	PC	16 28 5.5 49 48 12	16 29 26.56 49 41 43.7	20.16			2.662	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909		1517	1517				
1628+381 O		16 28 20.8 38 6 13	16 30 6.35 37 59 46.5	20.0			1.949	H I 1216 C IV 1549 C III 1909		1438	1692 1903				
1628+380 O		16 28 28.0 38 4 47	16 30 13.58 37 58 21.0	16.8			1.461	C IV 1549 C III 1909 Mg II 2798		1438	1438 1692 1903				
1628+374 O		16 28 32.0 37 25 29	16 30 18.70 37 19 3.3	17.0			0.960	C III 1909 Mg II 2798		1438	1438 1692 1903				
1628+380 O		16 28 35.2 38 3 21	16 30 20.82 37 56 55.5	17.0			0.394	Mg II 2798		1438	1438 1692 1903				
1628+377 O		16 28 45.5 37 44 5	16 30 31.65 37 37 40.2	19.9			1.246	C IV 1549 C III 1909		1438	1692 1903				
1628+363 R	4C 36.28 OS 349 B2	16 28 57.73 36 19 30.6	16 30 46.24 36 13 6.7	17.5			1.254	C IV 1549 C III 1909		033	032 009		462 774 775 800 1111		1201pol,831, 2251sp, 1320rpol
1629+377 O		16 29 6.7 37 43 15	16 30 52.85 37 36 51.7	18.8			1.603	C IV 1549 C III 1909		1438	1438 1692 1903				
1629+120 R	MC 2 4C 12.59 PKS	16 29 24.55 12 2 24.3	16 31 45.22 11 56 3.2	18.5	−.02	−.81	1.792*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798	0.9004 0.5316	343	019 436 2049 2281		789 1818 1891 2009 2092	2049 2263	436ubv,020, 124fc
1629+381 O		16 29 29.0 38 11 42	16 31 14.29 38 5 20.1	19.8			2.108	H I 1216 C IV 1549 C III 1909		1438	1692 1903				
1629+409 O		16 29 31.0 40 54 25	16 31 11.38 40 48 3.1	17.0			0.257	Mg II 2798 H I 4102 H I 4340 H I 4861		2052	2052				
1629+378 O		16 29 33.1 37 53 18	16 31 18.92 37 46 56.4	20.0			1.246	C IV 1549 C III 1909		1438	1692 1903				
1629+439 R	4C 43.39	16 29 38.54 43 55 2.3	16 31 12.97 43 48 40.7	18.5			1.167	C IV 1549 C III 1909 Mg II 2798		507	1288		534		

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1629+403		16 29 38.8	16 31 20.19	18.9			2.156	O VI 1034		2052	2052				
O		40 21 50	40 15 28.7					H I 1216							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
								C III 1909							
1629+374		16 29 42.1	16 31 28.60	18.6			1.322	C III 1909		1438	1438				
O		37 28 57	37 22 36.1					Mg II 2798			1692				
											1903				
1629+382		16 29 48.0	16 31 33.21	18.4			1.630	C IV 1549		1438	1438				
O		38 13 49	38 7 28.4					C III 1909			1692				
								Mg II 2798			1903				
1629+377		16 29 49.2	16 31 35.16	20.1			1.925	H I 1216		1438	1692				
O		37 47 47	37 41 26.5					O IV 1402			1903				
								C IV 1549							
								C III 1909							
1629+680	4C 68.18	16 29 50.74	16 29 51.78	18.7			2.478*	H I 1216	2.3067	507	538		534	538	865pos
R	5C20.52	68 3 39.1	67 57 15.2					N V 1240			2049		1654	2049	
								O I 1304			2281		1818	2263	
								Si IV 1397					1891		
								O IV 1402							
								C IV 1549							
								He II 1640							
								O III 1663							
								C III 1909							
								C II 4267							
1629+382		16 29 58.3	16 31 43.54	20.3			1.138	C IV 1549		1438	1692				
O		38 12 13	38 5 53.1					C III 1909			1903				
								Mg II 2798							
1630+377	PG	16 30 15.2	16 32 1.22	15.96			1.478	C IV 1549		1117	1117				1352spvar,
C	K 433-16	37 44 10	37 37 51.3					C III 1909		1438	1692				1598sp,1729,
											1903				2005ir,2112x,
											2281				2174varnd
															faint gals
															near,2118
1630+390		16 30 20.3	16 32 4.02	19.0			1.926	H I 1216		2052	2052				
O		39 2 40	38 56 21.5					Si IV 1397							
								O IV 1402							
								C IV 1549							
								C III 1909							
1630+389		16 30 22.9	16 32 6.87	19.3			1.961	H I 1216		2052	2052				
O		38 54 8	38 47 49.7					Si IV 1397							
								O IV 1402							
								C IV 1549							
								C III 1909							
								Mg II 2798							
1630+374		16 30 32.2	16 32 18.62	18.2			2.037	H I 1216		1438	1438				
O		37 29 35	37 23 17.4					C IV 1549			1692				
								C III 1909			1903				
1630+378		16 30 51.4	16 32 37.11	20.2			(1.479)	C IV 1549		1438	1692				
O		37 53 12	37 46 55.7					C III 1909			1903				
1631+373		16 31 3.0	16 32 49.57	18.6			2.940	H I 1216		1438	1438				
O		37 22 46	37 16 30.5					C IV 1549			1692				
								C III 1909			1903				
1631+379		16 31 6.6	16 32 52.26	19.8			1.888*	H I 1216		1438	1723				1723BAL
O		37 54 4	37 47 48.7					N V 1240			1692				
								Si IV 1397			1903				
								C IV 1549							
								C III 1909							
1631+376		16 31 9.5	16 32 55.53	17.8			0.653	Mg II 2798		1438	1438				
O		37 41 14	37 34 58.9								1692				
											1903				
1631+379		16 31 12.0	16 32 57.59	19.2			2.152+	H I 1216		1438	1438			1438	
O		37 56 27	37 50 12.1					C IV 1549			1692				
											1903				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1631+395 O		16 31 19.3 39 30 42	16 33 2.09 39 24 27.5	16.7			1.023	C III 1909 Mg II 2798		2052	2052				
1631+379 O		16 31 19.6 37 57 19	16 33 5.15 37 51 4.6	19.2			0.638	Mg II 2798		1438	1438 1692 1903				
1631+379 O		16 31 28.4 37 55 21	16 33 14.00 37 49 7.2	20.2			2.810	H I 1216 C IV 1549		1438	1692 1903				
1631+630 O	KP 80	16 31 33.0 63 0 22	16 32 5.53 62 54 6.1	18.0			2.13	H I 1216 C IV 1549		457	867				
1631+627 O	KP 81	16 31 42 62 44 49	16 32 15.84 62 38 33.7	20			1.98	H I 1216 C IV 1549		457	867 457				853rnd,1617ir
1631+339 O		16 31 43.9 33 58 36	16 33 35.98 33 52 23.5	20.6			1.57	C IV 1549 C III 1909		1387	1387				
1631+373 O		16 31 51.7 37 19 26	16 33 38.29 37 13 13.8	18.0			0.115	H I 4102 H I 4340 H I 4861		2052	2052				
1632+391 R	4C 39.46 OS 353.8 B2	16 32 19.53 39 6 10.6	16 34 2.97 39 0 0.2	18			1.082	C IV 1549 C III 1909 Mg II 2798		033	032	531	462 774 800 2060		1320rpol, 831sp,873xnd 4.2arcsec from anon gal 0.366 zgal,1962,2118
1632+338 O		16 32 37.0 33 51 12	16 34 29.21 33 45 3.1	20.6			3.17	H I 1216		1387	1387				
1632+339 O		16 32 39.0 33 59 18	16 34 31.00 33 53 9.2	21.0			2.37	C IV 1549 C III 1909		1387	1387				
1632+408 O		16 32 44.9 40 48 0	16 34 25.18 40 41 51.2	17.8			1.685	C IV 1549 C III 1909		2052	2052				
1632+334 O		16 32 46.2 33 28 24	16 34 38.99 33 22 15.7	20.5			2.80	H I 1216		1387	1387				
1632+394 O		16 32 51.7 39 26 33	16 34 34.48 39 20 24.7	18.5			2.796	O VI 1034 H I 1216 Si IV 1397 O IV 1402 C IV 1549		2052	2052				
1632+379 O		16 32 59.5 37 59 17	16 34 44.85 37 53 9.4	18.0			1.680	C IV 1549 C III 1909		2052	2052				
1633+267 O		16 33 0.7 26 46 24	16 35 3.20 26 40 17.0	19.8			2.43	H I 1216		1387	1387				
1633+333 O		16 33 2.0 33 21 18	16 34 54.96 33 15 10.8	19.4			1.85	H I 1216 C IV 1549 C III 1909		1387	1387				
1633+340 O		16 33 3.8 34 5 48	16 34 55.60 33 59 40.9	20.1			2.07	H I 1216		1387	1387				
1633+335 O		16 33 6.5 33 31 18	16 34 59.19 33 25 11.1	20.6			3.33	O VI 1034 H I 1216		1387	1387				17 arcsec from gal,1387,2118
1633+340 O		16 33 7.1 34 5 18	16 34 58.91 33 59 11.1	21.0			2.43	H I 1216		1387	1387				
1633+334 O		16 33 19.6 33 29 30	16 35 12.33 33 23 24.0	20.6			1.76	H I 1216 C IV 1549 C III 1909		1387	1387				
1633+186 R	UT	16 33 26.2 18 37 11	16 35 39.09 18 31 6.0	17			1.09	C III 1909 Mg II 2798		1437	1437				877pol

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1633+382 R X	GC 4C 38.41 OS 356 B2	16 33 30.63 38 14 12	16 35 15.50 38 8 6.4	18.1			1.810	H I 1216 N V 1240 C IV 1549 C III 1909		220 2052	044 009 2052	531 2054	837 852 988 1152 1543 1557 1771 1807 1930 1937 2060	531	1201,2103pol, 1322,2144rvar, 873x,1280, 1526,1862vlbi, 1617,2021ir, 1649mf,1789mm
1633+267 O	KP 83	16 33 34.8 26 44 17	16 35 37.31 26 38 12.3	17.0			1.30	C IV 1549 C III 1909		457	867				
1633+270 O	KP 84	16 33 50.3 27 1 31	16 35 52.41 26 55 27.3	18.5			2.10	H I 1216 C IV 1549		457	867				853rnd
1633+411 O		16 33 51.6 41 6 28	16 35 31.19 41 0 23.7	17.1			1.142	C III 1909 Mg II 2798		2052	2052				
1633+338 O		16 33 58.8 33 48 0	16 35 51.00 33 41 56.6	20.5			1.74	H I 1216 C IV 1549 C III 1909		1387	1387				
1634+628 R	3CR 343 4C 62.26 NRAO 509 DA 416	16 34 1.12 62 51 42.4	16 34 33.87 62 45 36.5	20.6	.45	–.65	0.988	C II 2326 Ne IV 2424 Mg II 2798 Ne V 3426		097	020		1393 1891 2013		865pos,1280, 1526vlbi, 1617ir 29.02 arcmin from 3C 343.1, 2118
1634+176 R	MC 3	16 34 2.73 17 41 10.1	16 36 16.72 17 35 7.7	18			1.897*	C IV 1549 He II 1640 C III 1909 Mg II 2798	1.8887 1.8794 -.0001	343	019		1586 1818 1891	560 1635 2228 2263	1795rpol jet
1634+406 O		16 34 5.1 40 36 20	16 35 45.62 40 30 16.6	18.6			1.710	H I 1216 C IV 1549 C III 1909		1903	2033				
1634+589 R	4C 58.32	16 34 19.92 58 54 41.7	16 35 10.72 58 48 37.7	17.9			0.985	N III 1750 C III 1909 Mg II 2798		507	580		534 1111		538,1003sp 1795rpol jet
1634+333 O		16 34 21.3 33 22 0	16 36 14.15 33 15 58.1	20.5			2.89	H I 1216		1387	1387				
1634+627 O	KP 85	16 34 22.4 62 44 9	16 34 55.73 62 38 4.6	18.5			1.49	C IV 1549 C III 1909		475	867 457				853rnd 24.65 arcmin from 3C 343.1, 2118
1634+332 O		16 34 28.7 33 15 30	16 36 21.71 33 9 28.7	20.6			2.37	H I 1216		1387	1387				
1634+269 R	PKS 3C 342 4C 26.49 NRAO 510 OS 257 B2 DA 417	16 34 34.22 26 54 10	16 36 36.46 26 48 9.3	17.75	.26		0.561	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869		033	083 032		128 462 774 775 800 1891		083ubv, 1201pol,831, 1188sp, 1320rpol, 052fc
1634+402 O		16 34 36.4 40 17 17	16 36 17.47 40 11 15.8	19.3			1.731	H I 1216 C IV 1549 C III 1909		1903	2033				
1634+338 O		16 34 41.7 33 53 42	16 36 33.70 33 47 41.5	21.5			2.11	H I 1216 C IV 1549		1387	1387				
1634+409 O		16 34 47.3 40 54 48	16 36 27.18 40 48 47.5	19.7			0.890	C III 1909 Mg II 2798		1903	2033				brighter of pair 6 arcsec apart,2033

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1634+706 C X	PG	16 34 51.7 70 37 37	16 34 29.06 70 31 32.7	14.90			1.337	C III 1909 Mg II 2798		1117	1117 2281		2011		1374,1598, 2251sp,1487, 1980,2112x, 1218,2061uv, 1617,1729, 2005,2018, 2029ir, 1352spvar, 1917hfe, 2174varnd IRAS source, 1744,Ly alpha observed with IUE,1829; detection of CO(2.6mm),2231 faint gals near,2118
1634+407 O		16 34 53.8 40 44 2	16 36 34.01 40 38 1.9	19.3			2.132	H I 1216 C IV 1549 C III 1909		1903	2033				
1634+267 O	B KP 87	16 34 59.1 26 42 8	16 37 1.59 26 36 9.0	20.0			1.961	C IV 1549 C III 1909		457	1228				1617ir,2257sp grav lens, 1228,1892
1634+267 O	A KP 86	16 34 59.1 26 42 4	16 37 1.59 26 36 5.0	18.5			1.961*	C IV 1549 C III 1909	1.118	457	1228 853	2174	853	1228 2228 2263	1617ir,2257sp grav lens, 1228,1892; sep 3.8arcsec, 1892
1635+336 O		16 35 3.4 33 41 54	16 36 55.68 33 35 55.0	20.5			2.90	C IV 1549 C III 1909		1387	1387				
1635+400 O		16 35 9.8 40 2 4	16 36 51.29 39 56 5.1	20.4			1.75	H I 1216 C IV 1549 C III 1909		1903	2033				
1635+400 O		16 35 18.3 40 4 54	16 36 59.69 39 58 55.6	20.3			(0.32)	Mg II 2798		1903	2033				
1635+397 O		16 35 19.4 39 44 41	16 37 1.41 39 38 42.7	19.7			1.83	H I 1216 C IV 1549 C III 1909		1903	2033				
1635+266 O		16 35 22.9 26 37 42	16 37 25.47 26 31 44.7	21.0			2.54	H I 1216		1387	1387				
1635+119 R X	MC 2	16 35 25.88 11 55 46.4	16 37 46.54 11 49 49.8	16.50	.48	−.78	0.146	H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007 H I 6563		020	020		1111 1170 1171		705,1202pol, 1337,1485ubv, 696,912,1781x, 1018phot, 1195xvar,1259, 1884imag, 343fc faint gals near,2118
1635+265 O		16 35 31.2 26 33 30	16 37 33.86 26 27 33.2	20.0			2.26	H I 1216		1387	1387				
1635+159 R	MC 3 PKS	16 35 33.2 15 55 12	16 37 49.24 15 49 15.8	19			2.14	C IV 1549 C III 1909		343	019				
1635+266 O	KP 89	16 35 34.7 26 40 18	16 37 37.20 26 34 21.5	20.5			1.95			457	853 457				853rnd,1617ir
1635+399 O		16 35 37.0 39 55 33	16 37 18.65 39 49 35.9	20.5			0.46	Mg II 2798		1903	2033				
1635+408 O		16 35 46.9 40 50 30	16 37 26.82 40 44 33.5	19.6			0.852	C III 1909 Mg II 2798		1903	2033				
1635+403 O		16 35 58.3 40 23 34	16 37 39.05 40 17 38.4	19.6			2.416	H I 1216 C IV 1549 C III 1909		1903	2033				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1635+410		16 35 59.8	16 37 39.32	19.5			1.426	C IV 1549		1903	2033				
O		41 2 38	40 56 42.4					C III 1909							
								Mg II 2798							
1636+400		16 36 8.1	16 37 49.52	19.4			(2.0)			1903	2033				
O		40 1 43	39 55 48.0												
1636+473	4C 47.44	16 36 19.2	16 37 45.19				0.74	C III 1909		581	580		945		1003sp,
R	GC	47 23 29	47 17 34.3					Mg II 2798					1145		1526vlbi
													1521		
1636+405		16 36 20.0	16 38 0.38	18.8			2.613	H I 1216		1903	2033				extended,2033
O		40 34 19	40 28 24.8					C IV 1549							
								C III 1909							
1636+410		16 36 22.5	16 38 1.92	19.2			1.841	H I 1216		1903	2033				
O		41 4 43	40 58 49.0					C IV 1549							
								C III 1909							
1636+395		16 36 33.0	16 38 15.25	19.2			1.290	C IV 1549		1903	2033				
O		39 33 22	39 27 28.8					C III 1909							
								Mg II 2798							
1636+384		16 36 33.4	16 38 17.59	17.0			0.360	Mg II 2798		2052	2052				
O		38 28 43	38 22 49.9					Ne V 3426							
								H I 4340							
1636+405		16 36 46.9	16 38 27.23	18.8			(0.18)	Mg II 2798		1903	2033				
O		40 34 44	40 28 51.6												
1636+399		16 36 50.1	16 38 31.62	19.6			1.864	H I 1216		1903	2033				
O		39 56 22	39 50 29.9					C IV 1549							
								C III 1909							
1636+400		16 36 51.5	16 38 32.76	20.1			2.010	H I 1216		1903	2033				
O		40 4 38	39 58 46.0					C IV 1549							
								C III 1909							
1637+401		16 37 7.0	16 38 48.12	19.6			1.898	H I 1216		1903	2033				
O		40 8 37	40 2 46.0					C IV 1549							
								C III 1909							
1637+388		16 37 12.4	16 38 55.86	18.3			1.462+	C IV 1549		2052	2052				2052BAL?
O		38 51 25	38 45 34.5					C III 1909							
1637+391		16 37 35.2	16 39 18.05	17.8			0.461	Mg II 2798		2052	2052				
O		39 10 48	39 4 59.0					O II 3727							
1637+574	OS 562	16 37 35.48	16 38 31.47	17			0.745	C III 1909		507	538		534		865pos,1280,
R	S4	57 26 23.5	57 20 33.0					Mg II 2798			1443		988		1526,1862vlbi,
	GC												1145		2251sp,510fc,
													1521		1617ir,1649mf,
													1543		1789mm,
													1807		2161rpol
													1888		
1637+410		16 37 46.0	16 39 25.28	20.0			1.513	C IV 1549		1903	2033				
O		41 4 54	40 59 5.6					C III 1909							
1637+411		16 37 51.7	16 39 30.94	19.3			1.044	C III 1909		1903	2033				
O		41 6 1	41 0 13.0					Mg II 2798							
1637+407		16 37 53.8	16 39 33.69	19.6			2.248	H I 1216		1903	2033				
O		40 45 26	40 39 38.2					C IV 1549							
								C III 1909							
1637+407		16 37 55.0	16 39 34.89	20.6			1.673	H I 1216		1903	2033				
O		40 45 23	40 39 35.3					C IV 1549							
								C III 1909							
1638+390		16 38 10.7	16 39 53.81	18.5			2.372	H I 1216		2052	2052				
O		39 0 35	38 54 48.5					Si IV 1397							
								O IV 1402							
								C IV 1549							
1638+403		16 38 13.0	16 39 53.67	19.2			1.965	H I 1216		1903	2033				
O		40 19 52	40 14 5.5					C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1638+411		16 38 14.0	16 39 53.09	19.0			1.595	C IV 1549		1903	2033				
O		41 9 31	41 3 44.6					C III 1909							
1638+411		16 38 31.4	16 40 10.42	17.9			1.097	C IV 1549		1903	2033				
O		41 11 7	41 5 21.7					C III 1909							
								Mg II 2798							
1638+409		16 38 34.1	16 40 13.62	19.7			1.380	C IV 1549		1903	2033				
O		40 55 20	40 49 34.9					C III 1909							
1638+410		16 38 39.3	16 40 18.54	18.6			1.302	C IV 1549		1903	2033				
O		41 3 56	40 58 11.3					C III 1909							
								Mg II 2798							
1638+398	NRAO 512	16 38 48.29	16 40 29.76	18.5 *			1.666+	C IV 1549		238	1437	238	988	1984	1565vlbi,
R	S4	39 52 30.3	39 46 46.3					C III 1909			1614	754	1152		1789mm,
	OS 264.4										1984	1205			1802OVV,
												2054			2161rpol
												2174			
1638+402		16 38 48.7	16 40 29.53	19.7			1.183	C III 1909		1903	2033				
O		40 12 58	40 7 14.0					Mg II 2798							
1638+400		16 38 53.0	16 40 34.17	18.5			1.625	C IV 1549		1903	2033				
O		40 2 6	39 56 22.3					C III 1909							
								Mg II 2798							
1638+408		16 38 56.4	16 40 36.10	20.9			0.44			1903	2033				1903phot mag
O		40 48 44	40 43 0.5												
1639+388		16 39 7.8	16 40 51.08	19.0			2.029	H I 1216		2052	2052				
O		38 52 23	38 46 40.4					Si IV 1397							
								O IV 1402							
								C IV 1549							
								C III 1909							
1639+409		16 39 10.4	16 40 49.78	18.4			1.600	C IV 1549		1438	1692				
O		40 58 2	40 52 19.4					C III 1909			1903				
								Mg II 2798			2033				
1639+406		16 39 10.9	16 40 50.88	19.9			0.37	Mg II 2798		1903	2033				
O		40 39 3	40 33 20.5												
1639+401		16 39 21.5	16 41 2.49	19.2			2.253	H I 1216		1903	2033				
O		40 6 27	40 0 45.2					C IV 1549							
								C III 1909							
1639+407		16 39 25.5	16 41 5.35	18.2			2.416+	H I 1216		1438	1438			1438	
O		40 42 35	40 36 53.5					C IV 1549			1692				
								C III 1909			1903				
											2033				
1639+155	MC 3	16 39 42.50	16 41 58.89	20.3			0.871	Mg II 2798		2199	2199				
R	4C 15.58	15 31 9.1	15 25 29.9					O II 3727							
1639+396		16 39 48.9	16 41 30.66	19.2			2.614	H I 1216		1903	2033				
O		39 40 16	39 34 36.1					C IV 1549							
								C III 1909							
1639+410		16 39 54.3	16 41 33.45	20.5			1.756	H I 1216		1438	1692				
O		41 3 22	40 57 42.4					C IV 1549			1903				
								C III 1909							
1640+471	PC	16 40 0.1	16 41 26.16	19.51			2.764	H I 1216		1546	1546				
O		47 11 26	47 5 46.4					C IV 1549							
								C III 1909							
1640+396		16 40 6.1	16 41 47.82	18.3	–.60		0.540			1014	1314		1317		1209imag,
X		39 40 48	39 35 9.3							1314	1033				1033x,1033,
R											1903				1617ir
															Near 3C 345;
															3 arcmin from
															MCG 7-34-136,
															0.034zgal,
															15.2vgal,1314,
															1696,2118

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1640+401		16 40 13.9	16 41 54.82	17.1	* –.40		1.005	C III 1909		1014	2033	1770	1317		1209imag,
X		40 6 16	40 0 37.8					Mg II 2798		1314	1033				1033x,1033,
R											1314				1617ir,
											1903				1314FeIIem
															Near 3C 345;
															2 arcmin from
															MCG 7-34-137;
															2118
1640+409		16 40 19.2	16 41 58.48	20.2			2.156	H I 1216		1438	1692				
O		40 58 8	40 52 30.1					C IV 1549			1903				
								C III 1909							
1640+409		16 40 20.7	16 41 59.93	19.2			0.878	C III 1909		1438	1438				
O		40 59 28	40 53 50.2					Mg II 2798			1692				
											1903				
1640+397		16 40 29.6	16 42 11.19	18.0			(0.625)			1903	1903				1903phot mag
O		39 44 13	39 38 35.9												
1640+411		16 40 39.3	16 42 18.25	19.6			2.180	H I 1216		1438	1438				
O		41 7 17	41 1 40.5					C IV 1549			1692				
								C III 1909			1903				
1640+398		16 40 47.1	16 42 28.50	18.6			1.860	H I 1216		1014	1692				
O		39 49 19	39 43 43.1					C IV 1549			1903				
								C III 1909			2033				
1640+400		16 40 47.3	16 42 28.24	19.7			2.529*	H I 1216		1014	1692				1723BAL
O		40 4 6	39 58 30.1					C IV 1549			1723				
								C III 1909			1903				
1640+409		16 40 47.6	16 42 26.90	20.4			2.327	H I 1216		1903	2033				
O		40 56 16	40 50 40.1					C IV 1549							
1640+404		16 40 51.5	16 42 31.66	20.1			1.580	C IV 1549		1438	1692				
O		40 28 59	40 23 23.4					C III 1909			1903				
1640+400		16 40 53.2	16 42 34.12	19.3			1.595	C IV 1549		1014	1692				
O		40 4 28	39 58 52.5					C III 1909			1903				
1640+395		16 40 57.3	16 42 39.20	20.2			1.466	C IV 1549		1014	1692				Brighter,east-
O		39 32 54	39 27 18.8					C III 1909			1903				ernmost of
															close pair,
															1692
1641+396		16 41 2.2	16 42 43.85	19.8			1.414	C IV 1549		1014	1692				
O		39 40 37	39 35 2.2					C III 1909			1903				
1641+394		16 41 9	16 42 50.98	18.9			2.381	H I 1216		1014	1014				Near 3C 345,
O		39 29 32	39 23 57.6					C IV 1549			1692				1014
											1903				
1641+406		16 41 12.5	16 42 52.41	20.4			2.820	H I 1216		1438	1438				
O		40 36 2	40 30 27.8					C IV 1549		1903	2033				
1641+412		16 41 15.8	16 42 54.43	18.8			2.03 *	H I 1216		1438	1438			1438	1723,2052BAL
O		41 15 46	41 10 12.0					C IV 1549		2052	1692			1723	
								C III 1909			1723				
											1903				
											2052				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1641+399 R X	3CR 345 4C 39.48 NRAO 513 OS 368 DA 420 LHE 413	16 41 17.62 39 54 10.7	16 42 58.83 39 48 36.9	15.96*	.29	−.50	0.595	Mg II 2798 Mg II 2804 Ar IV 2869 O III 3133 Ne V 3345 Ne V 3426 NeIII 3869 H I 4102 H I 4340		221	013 154 217 1731 1903	003 066 080 183 212 221 242 249 252 281 282 283 284 287 290 483 531 754 755 813 920 1068 1142 1472 1592 1802 1933 2024 2054 2068 2160 2174 2271	124 462 794 834 837 860 903 941 988 993 1128 1152 1167 1212 1229 1367 1543 1544 1557 1771 1792 1807 1930 1996 2007 2013 2070	560	003,531ubv, 099,183,242, 329,703,705, 804,900,1087, 1201,1202, 1541,1582, 1730,1940, 1988,2062, 2103pol,959, 960,1066,1071, 1280,1466, 1526,1565, 1648,1672, 1919vlbi,287, 1188,1467sp, 1320,1388, 1579rpol,799, 983,1012,1141, 1196,1580, 1589,1617, 2021ir,801, 887,936,1134, 1135,1336, 1721rvar,1357, 1570,1649, 1971,1972mf, 1207,1261, 1688imag,873, 1107x,1027, 1028,1789mm, 1018,1939phot, 749pos,136, 145,182, 1748fc, 1782irvar, 1805mmvar, 1858rjet, 1570OVV, 1941uv, 1942uvvar IRAS source, 1644,1748, 1806,1860; superluminal source,1071, 1827,1845; 4.2arcmin from NGC 6212,faint gals near,2118
1641+412 O		16 41 21.5 41 15 6	16 43 0.14 41 9 32.4	19.6			1.240	C IV 1549 C III 1909 Mg II 2798		1438	1692 1903				
1641+404 O		16 41 22.6 40 29 21	16 43 2.70 40 23 47.5	18.4			1.360	C IV 1549 C III 1909 Mg II 2798		1438	1692 1903 2033				
1641+399 O		16 41 30 39 56 44	16 43 11.12 39 51 11.1	20.9			2.0	H I 1216 C IV 1549		1014	1014				1207,1261imag Near 3C 345, 1014; 3.47 arcmin from NGC 6212,2118
1641+408 O		16 41 32.5 40 51 28	16 43 11.89 40 45 55.2	20.8			(0.368)	C III 1909		1438	1692 1903				
1641+409 O		16 41 32.5 40 56 17	16 43 11.73 40 50 44.2	18.6			0.830	C IV 1549 C III 1909		1438	1692 1903				
1641+405 O		16 41 33.6 40 35 45	16 43 13.48 40 30 12.3	18.6			2.260	O VI 1034 H I 1216 C IV 1549 C III 1909		1438	1438 1692 1903				
1641+398 O		16 41 38 39 49 11	16 43 19.34 39 43 38.6	21.2			2.0	H I 1216 C IV 1549		1014	1014				Near 3C 345, 1014; 4.62 arcmin from NGC 6212,2118

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1641+396		16 41 44.0	16 43 25.67	18.0			0.443	Mg II 2798		1014	1692				
O		39 38 6	39 32 34.0					H I 4861			1903				
1641+410		16 41 44.4	16 43 23.42	20.7			2.385	H I 1216		1438	1692				
O		41 2 20	40 56 48.0					C IV 1549			1903				
								C III 1909							
1641+399		16 41 46.0	16 43 27.03	18.1 *	−.10		0.704	Mg II 2798		1014	1314	1770			Near 3C 345,
X		39 58 52	39 53 20.2							1314	1014				1014; 5.23
											1903				arcmin from
															NGC 6212,2118
1641+399		16 41 46.1	16 43 27.19	18.4			1.083	C IV 1549		1014	1692				Near 3C 345,
O		39 56 57	39 51 25.2					C III 1909			1014				1014; 3.4
								Mg II 2798			1903				arcmin from
															NGC 6212,2118
1641+411		16 41 47.8	16 43 26.64	19.2			1.570	C IV 1549		1438	1438				
O		41 7 51	41 2 19.2					C III 1909			1692				
											1903				
1641+399		16 41 53.4	16 43 34.41	19.3	−.60		0.594			1265	1265				1265ubv,
X		39 59 5	39 53 33.7								1903				1884imag,
															897fc,897sp
															5.93 arcmin
															from NGC 6212,
															2118
1641+400		16 41 55.8	16 43 36.59	18.9			2.113	H I 1216		1014	1014				Near 3C 345,
O		40 5 54	40 0 22.8					C IV 1549			1692				1014
								C III 1909			1903				
1641+402		16 41 58.2	16 43 38.70	19.5			1.358	C IV 1549		1903	2033				
O		40 15 6	40 9 35.0					C III 1909							
1642+394		16 42 0.8	16 43 42.70	19.3			0.434	Mg II 2798			1692				
O		39 29 56	39 24 25.2					H I 4340			1903				
1642+397		16 42 2	16 43 43.36	20.6			2.3	H I 1216		1014	1014				Near 3C 345,
O		39 47 28	39 41 57.3					C IV 1549							1014; 7.65
															arcmin from
															NGC 6212,2118
1642+410	A	16 42 4.2	16 43 43.19	18.9			0.342	Mg II 2798		1438	1692				
O		41 2 25	40 56 54.3								1903				
1642+410	B	16 42 6.5	16 43 45.49	20.4			1.240	C IV 1549		1438	1692				
O		41 2 12	40 56 41.5					C III 1909			1903				
								Mg II 2798							
1642+410		16 42 11.9	16 43 50.82	19.7			1.370	C IV 1549		1438	1692				
O		41 4 13	40 58 42.9					C III 1909			1903				
								Mg II 2798							
1642+690	4C 69.21	16 42 18.08	16 42 7.88	19.2			0.751	Mg II 2798		507	1540		988		1280,1862vlbi,
R		69 2 13.2	68 56 39.8					Ne V 3345		510	1568		993		1766rvar,
								Ne V 3426		865			1145		1789mm,
								O II 3727					1338		2103pol,
								NeIII 3869					1543		2161rpol
								H I 4102					1568		superluminal
								O III 4363					1937		source,1827
								H I 4861							
								O III 4959							
								O III 5007							
1642+398		16 42 25	16 44 6.23	20.5			2.179*	H I 1216		1014	1723			1723	1692,1723BAL
O		39 50 34	39 45 4.8					N V 1240			1014				Near 3C 345,
								Si IV 1397			1692				1014; 9.32
								C IV 1549			1903				arcmin from
															NGC 6212,2118
1642+400		16 42 34.9	16 44 15.74	19.7			1.377	C IV 1549			1692				
O		40 2 43	39 57 14.5					C III 1909			1903				
								Mg II 2798							
1642+402		16 42 40.4	16 44 20.79	19.3			0.608	Mg II 2798		1903	2033				
O		40 16 56	40 11 27.9												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1642+411		16 42 42.0	16 44 20.70	19.4			1.436	C IV 1549		1438	1692				
O		41 9 42	41 4 13.9					C III 1909			1903				
								Mg II 2798							
1642+407		16 42 47.0	16 44 26.39	19.0			0.928	C III 1909		1438	1692				
O		40 47 56	40 42 28.3					Mg II 2798			1903				
1642+409		16 42 48.0	16 44 27.04	18.8			1.292*	C IV 1549		1438	1723				1723BAL
O		40 58 48	40 53 20.4					C III 1909			1692				
								Mg II 2798			1903				
1642+412		16 42 57.6	16 44 36.19	19.0			1.970	H I 1216		1438	1692				
O		41 12 32	41 7 5.0					C IV 1549			1438				
								C III 1909			1903				
1642+401		16 42 59.6	16 44 40.30	18.8			1.268	C IV 1549		2052	1903				
O		40 6 4	40 0 37.2					C III 1909			2052				
								Mg II 2798							
1643+406		16 43 5.1	16 44 44.81	18.7			1.451	C IV 1549		1438	1692				
O		40 37 20	40 31 53.6					C III 1909			1903				
								Mg II 2798							
1643+395		16 43 20	16 45 1.76	19.1			2.141*	H I 1216		1014	1723			1723	1692,1723BAL
O		39 31 13	39 25 47.6					N V 1240			1014				Near 3C 345,
								Si IV 1397			1692				1014
								C IV 1549			1903				
1643+400		16 43 26.7	16 45 7.41	18.0			1.884*	H I 1216		1014	1723			1723	1723BAL
O		40 4 43	39 59 18.1					N V 1240			1014				Near 3C 345,
								Si IV 1397			1692				1014
								C IV 1549			1903				
1650+472	PC	16 50 43.4	16 52 8.32	19.08			1.083	C III 1909		1546	1546				
O		47 13 5	47 8 9.8					Mg II 2798							
1652+398	MKN 501	16 52 11.73	16 53 52.22	14.44*	.74	-.25				371		734	837		323,648,661,
BL Lac C	4C 39.49	39 50 26	39 45 37.5									875	988		717,1777ubv,
X	B2											970	1084		323,642,661,
R	OS 387											1068	1152		705,707,856,
	4U											1933	1160		1626,1988,
												2271	1367		2046,2062,
													1474		2167pol,856,
													1481		1011,1056,
													1557		1389,2195phot,
													1757		929,1164,1250,
															1386mf,825,
															1348uv,639,
															668,825,829,
															1057,1278,
															1306,1307,
															1534,1542,
															1642,1925,
															1936,2107,
															2112x,1280,
															1862vlbi,1012,
															1702ir,1028mm,
															553,661sp,664,
															717fc,
															2259imag
															0.034zgal,661,
															100,1777;IRAS
															source 1806;
															1902avg Bmag
1652+138	MG	16 52 23.88	16 54 41.93	20.93			1.74	C III 1909		1975	2295		1975		grav lens 2295
R		13 51 9.7	13 46 23.3					Mg II 2798		2295	1975		2188		3 arcsec from
															19mag gal,
															0.254zgal,1975
															2118
1652+151	UT	16 52 35.2	16 54 51.73	18			0.29	Mg II 2798		1437	1437				
R		15 7 42	15 2 56.3					H I 4861							
1655+077	PKS	16 55 44.6	16 58 9.66	20.8			0.621	C II 2326		498	1304		010		761sp,
R	OS 092	7 45 55	7 41 22.9					Mg II 2798							1526vlbi,
															1789mm,
															2103pol

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1656+053 R X	PKS DW OS 094	16 56 5.72 5 19 46.5	16 58 33.55 5 15 15.9	16.48*	.43	–.63	0.887	C II 2326 Mg II 2798		010	1304 500	2054	010 1557		528,1451, 1485ubv,780ir, 044,761,958, 1304,2251sp, 958FeIIem,020, 165,528fc, 1086rvar, 1224x, 1526vlbi, 2103pol
1656+348 R	OS 392 B2 GC	16 56 12.3 34 48 0.0	16 58 1.46 34 43 28.6	19			1.936	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798		113	443		1297 1521		831,1032, 1181sp, 1526vlbi, 2144rvar, 510fc
1656+163 R	UT	16 56 15.4 16 20 58	16 58 30.37 16 16 27.7	19.0			1.32	C IV 1549 C III 1909		1437	1437				
1656+571 R	4C 57.28	16 56 26.3 57 10 25	16 57 20.60 57 5 52.7	17.4			1.281	C IV 1549 C III 1909		507	1003 538 580		534 945 993		865pos 1795rpol jet
1656+477 R	S4	16 56 39.60 47 42 19.3	16 58 2.79 47 37 48.9	18.0			1.622	H I 1216 Si IV 1397 O IV 1402 C IV 1549 Mg II 2798		510 581	580 1443		1521		1526vlbi, 1003sp,1789mm
1657+265 R	4C 26.51 OS 295 B2	16 57 22.53 26 34 2.1	16 59 24.17 26 29 36.0	18			(0.795)	Mg II 2798		100	100		1111 1888		222fc
1658+575 R	4C 57.29	16 58 53.44 57 35 52.4	16 59 45.80 57 31 30.4	17.9			2.174	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 C III 1909		507	538 2049 2281		534 1584 1818 1891		2049noabs, 2266imag
1700+518 C	PG	17 0 13.4 51 53 37	17 1 24.95 51 49 21.2	15.43			0.288*	Mg II 2798 O III 3133 H I 4340 H I 4861	0.2698 0.2645 0.0000	1117 2293	1354 1117		2011	1354 1374 1435 2228 2263	1207,1261, 1682,1700imag, 1354FeIIem, 1354,1374BAL, 1435,1537, 1598sp,1617, 1729,2005, 2018,2029ir, 1536ext, 1748fc,2061uv, 2112x 0.2555–0.2100 z(abs),1354; uv abs,1789; IRAS source, 1744,1748, 1860;compan gal,1788; faint gals near,2118
1700+642 O	HS	17 0 40.47 64 16 24.8	17 1 0.45 64 12 9.1	16.1	.23		2.722*	Si IV 1397 C IV 1549	2.440 2.433 2.315 2.308	2017	2017			2017 2263	2017uv, 2174varnd Ly alpha abs, 2017; 11arcsec from gal A, 0.086zgal,18.8 rmag, 18arcsec from gal B, 0.19zgal,2017, 2118
1700+180 R	4C 17.73 VR18.17.01 OT 101	17 0 41.09 18 2 55.0	17 2 53.85 17 58 43.3	17.5			(1.424)	C IV 1549 C III 1909		078	009		789 1111 1976		

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1701+379 R	UT	17 1 24.6 37 55 36	17 3 8.05 37 51 26.4	19			2.459*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.4294 2.1692 0.7105	1437	1437 2049 2281			2049 2263	
1701+610 X		17 1 56.3 61 2 38	17 2 33.36 60 58 28.3	17.0	.40		0.164			1265	1265	2174			1265ubv, 1209ext,1639, 1682imag, 1910sp 2 anon gals, 0.052zgals; 29 and 38 arcsec from QSO,1639;5.55 arcmin from NGC 6292,2118
1702+298 R	4C 29.50 B2 CTD 98 OT 204	17 2 10.50 29 51 5.5	17 4 7.18 29 46 59.6	19.14	.15	−.86	1.930	H I 1216 N V 1240 C IV 1549 He II 1640 C III 1909		139	005 2049 2281		128 462 774 800 1578 1818 1891		059,299ubv, 1320rpol,582, 831sp,033,113, 222fc,1617ir, 2049noabs
1704+608 R X	3CR 351 4C 60.24 NRAO 522 DA 430 OT 607 PG	17 4 3.47 60 48 31.1	17 4 41.37 60 44 30.4	16.01*	.13	−.75	0.371*	Mg II 2798 Ne V 3426 O II 3727 H I 4340 H I 4861 H I 4861 O III 4959 O III 5007	0.2219 0.1634	154	154 1731	212 247 248 249 252 256 290 529 920 1142 1402 1657 1834 2174	462 775 863 917 1476 1804 1888 1891 1998 2011 2013	1869 2263	003,007, 249ubv,004, 156,705, 1202pol, 1320rpol, 1649mf, 958FeIIem,324, 776,958,1117, 1467sp,1028, 2099mm,696, 873,912,1107, 1183,1487, 1488,1980, 2112x,772, 1355,1693, 1941,2061uv, 1207,1261, 1700imag, 985elp,799, 1617,1729, 2005,2021ir, 749pos, 1536ext,064fc, 1813r/ir, 1939phot 18.0 arcmin from NGC 6306, 1650; faint gals near,2118 IRAS source, 1806; 1902avg Bmag
1704+607 BL Lac X R	1E	17 4 56.8 60 46 15	17 5 34.77 60 42 18.1	19.4	1.20	.50				1268			1268 2083		1268,2112x, 1910sp
1704+710 X	1E	17 4 58 71 1 30	17 4 23.53 70 57 30.6	17.5	.30		2.015	C III 1909 Mg II 2798		698	698 2251				698ubv,696, 698x
1705+018 R	PKS	17 5 2.71 1 52 39.4	17 7 34.41 1 48 46.8	18.9			2.576*	H I 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 C IV 1549 O III 1663 C III 1909	2.3089 2.1888 1.2217	025	500 2049 2281		789 803 2162	2049 2263	045fc,761, 1181,1304sp, 1526vlbi
1705+188 R		17 5 42.13 18 50 28.7	17 7 53.78 18 46 38.2	19.62	.44	−.22	2.518	H I 1216 C IV 1549		124	436		789 2162		436ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1705+456	4C 45.34	17 5 50.33	17 7 17.68	17.6			0.648	Mg II 2798		507	508		534		865pos
R		45 40 1.9	45 36 10.5								538		1111		
											580				
											1003				
1710+329	UT	17 10 4.2	17 11 55.74	19			1.96	H I 1216		1437	1437				
R		32 56 34	32 53 1.5					C IV 1549							
1711+712	1E	17 11 45	17 11 6.58	17.5	.20		1.60			698	698				698ubv,696,
X		71 16 0	71 12 29.4												698x
1713+504	53W 009	17 13 48.90	17 15 3.58				1.090			1406	1497				1246ir
R		50 24 48.6	50 21 30.8							1497	1396				17.9Jmag,1396
1714+502	53W 015	17 14 8.62	17 15 23.67				1.129			1406	1396				19.99Jmag,1396
R		50 16 29.5	50 13 13.1												
1715+432		17 15 28.5	17 17 0.59	21.0			1.36			2278	2278				2278uv
O		43 16 42	43 13 31.9												
1715+535	PG	17 15 30.7	17 16 35.89	16.30			1.940*	Si IV 1397	1.7587	1117	1872	2174	2011	1872	1598,2251sp,
C		53 31 24	53 28 13.2					O IV 1402	1.6330		1117			1873	2112x
R								C IV 1549	0.3673		2281			2228	
								C III 1909						2263	
1716+686	S4	17 16 27.9	17 16 14.03	18.5			0.777	Mg II 2798		510	1443		1521		1526vlbi,
R	GC	68 39 48	68 36 38.4												1789mm
1717+178	OT 129	17 17 0.36	17 19 13.09	18.5						149			1086		670,1988,
BL Lac R	PKS	17 48 9.0	17 45 6.9										1367		2062pol,
	GC														971phot,009,
															761sp,
															2259imag,
															670fc,781ir,
															1526vlbi,
															1789mm,2112x
															IRAS source
															1806
1718+481	PG	17 18 17.7	17 19 38.25	15.33			1.084	C III 1909		1117	1117		2011		1218uv,
C		48 7 11	48 4 12.7					Mg II 2798							1536ext,1598,
R															2251sp,1729,
															2005ir,
															2174varnd,
															2112x
1719+357	B2	17 19 22.6	17 21 9.06				0.263	Mg II 2798			1443		1521		1526vlbi
R	S4	35 45 9	35 42 16.2					Ne V 3426							
								O II 3727							
								NeIII 3869							
1719+497	53W 075	17 19 26.37	17 20 42.44				2.150			1406	1396				1246ir
R		49 46 42.7	49 43 49.1												22.15Jmag,1396
1719+500		17 19 35.6	17 20 50.82	19.3			1.84	C IV 1549		1387	1387				
O		50 5 0	50 2 7.1					C III 1909							
1719+503		17 19 50.0	17 21 4.35	20.4			2.31	C IV 1549		1387	1387				
O		50 23 12	50 20 20.1					C III 1909							
1719+348		17 19 56.42	17 21 44.34	21.1			1.836			1446	1447				
R		34 53 37.1	34 50 46.8												
1720+346		17 20 2.3	17 21 50.55	18.4			(2.4)	H I 1216		1438	1438				
O		34 41 49	34 38 59.1					C IV 1549							
1720+499	53W 080	17 20 22.07	17 21 37.55				0.546			1406	1497				1246ir
R		49 58 26.8	49 55 37.2							1497	1396				18.26Jmag,1396
1720+346		17 20 23.7	17 22 11.99	18.4			1.641	C IV 1549		1438	1438				
O		34 39 56	34 37 7.7					C III 1909		2052	2052				
1720+499	53W 085	17 20 37.04	17 21 52.55				1.820			1406	1396				1246ir
R		49 57 23.2	49 54 34.7												22.79Jmag,1396

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1720+246 V X R	V396 HER	17 20 37.68 24 39 5.9	17 22 41.27 24 36 19.1	16.42*	.40	−.87	0.175	Mg II 2798 O II 3727 H I 4861 O III 4959 O III 5007		223	223 476	223 407 408	1162		223ubv,705, 1202pol,696, 912,1488x, 1259imag, 1319ir IRAS source, 1806
1720+117 BL Lac X	H	17 20 48 11 47 26	17 23 8.06 11 44 40.5	15.77	.52	−.50				2177					pos from HEAO cat
1720+346 O		17 20 52.6 34 39 18	17 22 40.90 34 36 31.8	19.8			(1.6)	C IV 1549 C III 1909		1438	1438				
1721+498 O		17 21 19.6 49 50 0	17 22 35.41 49 47 14.5	20.3			2.14	H I 1216		1387	1387				
1721+341 O		17 21 28.9 34 6 50	17 23 18.09 34 4 6.4	20.0			(2.3)	H I 1216 C IV 1549		1438	1438				
1721+343		17 21 29.5 34 21 33	17 23 18.27 34 18 49.4	19			1.80	H I 1216 C IV 1549			633				2061uv
1721+343 R X	4C 34.47 OT 336 B2 GV 300 R 206	17 21 32.01 34 20 41.8	17 23 20.81 34 17 58.4	16.5 *			0.206	Mg II 2798 Ne V 3426 NeIII 3869 NeIII 3968 He 3970 H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007 H I 6563		113 1438	009	735 1201	800 994 1171		705,1202pol, 776,831,958sp, 958, 2100FeIIem, 793,1159, 1526vlbi, 1701uv,1781x superluminal source 1908, 2275
1721+340 O		17 21 41.3 34 3 2	17 23 30.59 34 0 19.3	18.0			0.29	Mg II 2798		2052	2052				
1721+347 O		17 21 59.8 34 44 37	17 23 47.91 34 41 55.6	18.5			(2.2)	H I 1216 C IV 1549		1438	1438				
1722+330		17 22 22.8 33 4 6	17 24 13.69 33 1 26.3	18			1.87	H I 1216 C IV 1549			633				
1722+119 BL Lac X R	4U H	17 22 44.45 11 54 52.4	17 25 4.35 11 52 15.3	16.6						1999 2088	1999 2088		2088		1999pol, 2088mf,2107x 0.018zgal?, 1999
1723+344 O		17 23 40.9 34 29 4	17 25 29.39 34 26 29.9	20.6			(2.2)	H I 1216 C IV 1549		1438	1438				
1724+399 R	UT	17 24 54.3 39 59 31	17 26 32.72 39 57 1.8	18			0.66	Mg II 2798 O II 3727 NeIII 3968		1437	1437				
1725+499 O		17 25 14.1 49 57 46	17 26 29.33 49 55 17.4	19.9			1.90	H I 1216 C IV 1549		1439	1439				
1725+107 R	MC 2	17 25 32.25 10 45 21.5	17 27 53.51 10 42 56.5	19.2			0.833	C III 1909 Mg II 2798 Mg V 2931 O III 3133 O II 3727		1111	019		1111 1888		
1725+503 O		17 25 43.4 50 18 15	17 26 57.65 50 15 48.5	20.4			2.1	H I 1216		1439	1439				
1725+044 R X	PKS	17 25 56.37 4 29 27.9	17 28 24.99 4 27 4.9	16.99	.44	−.56	0.296	H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		475	1304 500		1171		761sp,873x, 1207,1261imag, 1485ubv, 1526vlbi, 1810pos

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1726+344	UT	17 26 1.3	17 27 49.83	18.5			2.429*	H I 1216	2.4201	1437	1437			2049	
R		34 25 4	34 22 40.0					N V 1240	2.3830		2049			2263	
								Si IV 1397	2.2992		2281				
								O IV 1402	1.8452						
								C IV 1549							
								C III 1909							
1726+499		17 26 1.6	17 27 16.90	19.3	−.60		0.815			1265	1265				1265ubv,
X		49 55 29	49 53 3.8												1617ir
1726+504		17 26 25.3	17 27 39.03	19.9			1.9	H I 1216		1439	1439				
O		50 28 30	50 26 6.5												
1727+502	OT 546	17 27 4.32	17 28 18.63	16.70*	.63	−.52				413		756	837		323,648ubv,
BL Lac C	I ZW 187	50 15 31.4	50 13 10.7							629		875	1200		323,528,1988,
X												1142	1367		2062pol,
R												2054	1557		1348uv,
													1615		1259imag,781,
															1012,1141ir,
															1007,1114,
															1649mf,
															965phot,668,
															829,1088,2107,
															2112x,750pos,
															1526vlbi,280,
															553,620,628,
															630,631sp
															0.055zgal,553
															1902avg Bmag
1727+502		17 27 12.5	17 28 26.82	19.1			2.1	H I 1216		1439	1439				
O		50 15 7	50 12 46.9												
1727+499		17 27 17.0	17 28 32.18	19.3			1.9	H I 1216		1439	1439				
O		49 56 41	49 54 21.3												
1727+386	UT	17 27 18.1	17 28 58.97	17.5			1.39	C IV 1549		1437	1437				
R		38 40 45	38 38 26.2					C III 1909							
								Mg II 2798							
1727+503		17 27 28.1	17 28 42.13	19.2			2.2	H I 1216		1439	1439				
O		50 21 3	50 18 44.0												
1729+491	4C 49.29	17 29 27.22	17 30 44.49	18.8			1.038	C III 1909		009	1288		507		009sp
R		49 8 36.3	49 6 26.0					Mg II 2798							
1729+501	4C 50.43	17 29 49.26	17 31 3.71	17.7			1.107	C III 1909		507	580		534		873xnd,538,
R		50 9 44.3	50 7 35.5					Mg II 2798					1111		1003sp
													1166		
													1170		
													2009		
1730−130	NRAO 530	17 30 13.43	17 33 2.60	18.5 *			0.902	O II 3727		097	1176	755	1338		020sp,818,952,
R		−13 2 46.2	−13 4 49.9					H I 4340				1802	1557		1241x,1317fc,
X								H I 4861					1792		952,1466,
															1526vlbi,
															879rvar,
															1789mm
1732+160	MC 3	17 32 27.96	17 34 42.69	18.4			(1.88)	C IV 1549		009	415		789		1795rpol jet
R	4C 16.49	16 2 27	16 0 31.8					C III 1909					1818		
													1891		
													2013		
1732+389	OT 355	17 32 40.49	17 34 20.59	19			0.976	Mg II 2798		791	1984				1985IRAS
R	S04	38 59 47.0	38 57 51.5							1985					
1732+655	4C 65.21	17 32 46.26	17 32 54.03	17.6			0.856	C III 1909		507	538		534		
R		65 35 23.3	65 33 24.9					C II 2326					1166		
								Mg II 2798							
1734+063	PKS	17 34 47.34	17 37 13.72	17.9			1.207	C IV 1549		412	1861		1861		
R		6 22 48.2	6 21 3.5					Mg II 2798							
1735+356	UT	17 35 30.5	17 37 16.72	18.0			1.27	C III 1909		1437	1437				
R		35 36 47	35 35 4.0					Mg II 2798							
1738+499	OT 463	17 38 12.7	17 39 27.42	19			1.545	C IV 1549		501	1443		1521		
R	S4	49 56 36.0	49 55 3.7												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1738+350 R		17 38 33.08 35 2 17.4	17 40 20.24 35 0 47.7	20.5			3.240	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1446	1447 1874 2281				
1738+476 BL Lac R	OT 465	17 38 36.58 47 39 27.9	17 39 57.41 47 37 57.5	18.5 *						109		1288	507		1288sp, 1336rvar, 1526vlbi, 2112x
1739+522 R X	4C 51.37 OT 566 GC	17 39 28.83 52 13 10.4	17 40 36.82 52 11 43.4	18.5			1.375	C IV 1549 He II 1640 C III 1909		507	538 1288		534 837 945 988 1543 1976		865pos,1241x, 1280,1526, 1862,1919vlbi, 945rvar,510fc, 2103pol
1739+184 R	4C 18.51 PKS	17 39 55.43 18 28 43.5	17 42 6.99 18 27 20.7	16.43	.34	-.89	0.186	Mg II 2798 Ne V 3426 O III 4959 O III 5007		124	436		1111 1171 1476		436,1485ubv
1741-038 R	PKS OT 068	17 41 20.61 -3 48 48.9	17 43 58.85 -3 50 4.6	18.6			1.054+	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 He 3970 H I 4102 H I 4340		025 498	1861 1984 1997		1861	1984	2103pol
1741+279 R	4C 27.38 B2 CTD 102	17 41 57.95 27 54 4.3	17 43 56.48 27 52 49.9	17.7			0.372	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4102		033	032		462 774 775 800 1111 1229 1888		1201pol, 1320rpol, 1322rvar, 831sp
1742+617 R	4C 61.34	17 42 21.6 61 47 11	17 42 51.31 61 45 55.1	18.6			0.523	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4102 H I 4340		581	1288		1521		
1743+173 R	PKS	17 43 21.7 17 21 6	17 45 34.68 17 19 58.2	18.7			1.702	C IV 1549 C III 1909		010	1304		010		761sp, 1526vlbi, 1789mm
1744+206 O		17 44 59.1 20 36 5	17 47 7.84 20 35 4.1	19.0			2.41	H I 1216 C IV 1549		1439	1439				
1745+277 X	1E	17 45 17.1 27 47 38.2	17 47 15.76 27 46 38.3	18.6			0.156	H I 4102 H I 4340 H I 4861 O III 5007		1416	1416				1048x,1910sp
1745+624 R X		17 45 48.07 62 27 55.8	17 46 14.03 62 26 54.8	19.5			3.87	H I 1216 N V 1240 Si IV 1397 C IV 1549		2284	2284				Ly alpha forest 2284
1745+163 R	MC 3	17 45 55.75 16 20 11.5	17 48 10.00 16 19 15.0	17.6			0.392	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 NeIII 3968 H I 4102 H I 4340 O III 4363 He II 4686 H I 4861 O III 4959 O III 5007		476	019 415 476		1111		1201pol 1259,1700 imag/ext
1746+201 O		17 46 33.3 20 10 58	17 48 42.58 20 10 4.0	19.0			1.90	H I 1216 C IV 1549		1439	1439				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1749+701 BL Lac R	W1 S5 S4	17 49 3.43 70 6 39.1	17 48 32.90 70 5 50.2	17.39*	.45	–.50	(0.77)	O II 3727		615 1811	1984 2054	586 1902 2174	534 907 909 988 1160 1544 1557 1793 1851 1937		877,2046, 2103pol,996, 1280,1526, 1862vlbi,1086, 1667rvar,510, 586fc,865pos, 586ubv,1805, 1855mmvar, 2112x 5.4 arcmin from NGC 6503, 1650,2118;zem= 0.76 given by ref 586 not confirmed by Walsh,priv comm; 1902avg Bmag
1749+096 BL Lac R X	OT 081 4C 09.57 PKS	17 49 10.4 9 39 43	17 51 32.83 9 39 0.9	17.88*	.52	–.42	0.322	H I 4861 O III 4959 O III 5007 H I 6563 S II 6717		165	1850 1861	875 970 1902	837 1160 1212 1229 1367 1544 1557 1721 1807 1861 1930		323,528,648, 1485ubv,323, 1626,1730, 1988,2046, 2103pol,899, 1388,2041rpol, 1241,1441, 2112x,936, 1008,1661, 1766rvar,1028, 1789mm,781, 1141,1589ir, 044sp, 1526vlbi, 1649mf, 1767xvar, 1805mmvar,124, 132,213,528fc IRAS source, 1806; 1902avg Bmag
1749+499 O		17 49 37.7 49 57 48	17 50 52.08 49 57 5.5	19.8			2.43	H I 1216		1387	1387				
1750+175 R	UT	17 50 33.5 17 34 57	17 52 46.14 17 34 20.6	16.5			0.504	Mg II 2798 H I 4102 H I 4340 H I 4861 O III 4959 O III 5007		910 1437	877 1437				1325FeIIem, 877pol
1751+497 O		17 51 26.1 49 45 12	17 52 41.04 49 44 37.4	19.6			2.31	H I 1216		1387	1387				
1751+441 R	OT 486 S4	17 51 53.7 44 10 18	17 53 22.64 44 9 45.9				0.871	C III 1909 Mg II 2798			1443		988 993 1152		1526vlbi
1752+354 R	UT	17 52 4.6 35 28 30	17 53 50.82 35 27 59.3	17.5			0.55	Mg II 2798 O II 3727 NeIII 3869 H I 4340		1437	1437				
1753+204 R	UT	17 53 26.7 20 24 23	17 55 35.65 20 23 59.1	18			1.42	C IV 1549 C III 1909		1437	1437				
1756+237 R X	PKS VR23.17.02 OT 295	17 56 56.5 23 43 55	17 59 0.93 23 43 46.2	18			1.721*	H I 1216 C IV 1549 He II 1640 N III 1750 C III 1909 C II 2326	1.7350 1.6745 1.6164 1.6136 1.4608 1.4440 1.3713 0.0002	010	009 1901		1395 1586	009 558 560 1635 1969 2228 2263	761,1304sp, 1005x, 1526vlbi
1758+388 R	S4 OT 398	17 58 44.7 38 48 32	18 0 24.77 38 48 30.2	18			2.092	H I 1216 C IV 1549			1443		1521		1526vlbi, 1789mm

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1800+440	OU 401	18 0 3.45	18 1 32.58	17.5			0.663	C III 1909		507	508		534		1526vlbi,
R	S4	44 4 13.8	44 4 17.4					Mg II 2798			1003		945		1789mm
											1443		993		
													1152		
1801+010	PKS	18 1 43.37	18 4 15.97	19			1.522	C IV 1549		052	073		023		1526vlbi
R	DW	1 1 19.1	1 1 32.2					He II 1640					128		
								O III 1663					1818		
								C III 1909							
								Mg II 2798							
1803+676	Kazaryan	18 3 37.4	18 3 28.90	15.78	.26	-.84	0.136	NeIII 3869		224	224				912,1195,1488,
C	102	67 37 53.9	67 38 9.5					H I 3889		1224	1224				1781x,1308ubv,
X								NeIII 3968		1477					939ext,1207,
								H I 4102							1261imag,1308,
								H I 4340							2081sp,1963ir
								H I 4861							
								O III 4959							
								O III 5007							
								H I 6563							
1803+784	S5	18 3 39.18	18 0 45.70	17			0.68			1443	1862	2133	933		933,2107,
BL Lac R		78 27 54.2	78 28 3.9							1811			996		2112x,933,
X													1216		2046pol,1280,
													1441		1526,1862,
													1555		1919vlbi,1667,
													1557		1766,2133rvar,
													1793		1789,1855mm
													2070		IRAS source
													2255		var,1806
1806+456	S4	18 6 54	18 8 19.39	19.3	.40		0.830	C III 1909		1417	1417		1521		1417x,
X	GC	45 41 27	45 42 0.3					Mg II 2798			1443				1526vlbi
R															
1807+279	4C 27.41	18 7 13.6	18 9 11.95				1.76	H I 1216			443		1145		831sp,1617ir,
R	B2	27 57 37	27 58 13.0					C IV 1549					1976		1526vlbi
	GC							C III 1909							
1807+698	3CR 371	18 7 18.47	18 6 50.62	14.22*	.55	-.48				064		631	1160		1611ubv,1035,
BL Lac R	4C 69.24	69 48 59.0	69 49 30.0									1142	1367		1673,2107,
X	NRAO 548											1205	1612		2112x,1164,
												1802	1807		1649mf,1348uv,
												2271	1937		1013phot,
															553sp,1782ir,
															1748fc,1789mm,
															1862vlbi,
															2041rpol,2046,
															2167pol
															0.050zgal,
															1611;IRAS
															source,1744,
															1748,1806;
1816+475	4C 47.48	18 16 58.70	18 18 19.56	18.2			2.230*	H I 1216	1.8569	507	538		534	2049	1013varnd
R		47 35 26.9	47 36 44.1					O I 1304	1.8334		2049		782	2263	1795rpol jet
								Si IV 1397			2281		1818		
								O IV 1402					1891		
								C IV 1549							
								C III 1909							
1819+228	4C 22.47	18 19 7.81	18 21 13.57	18			0.628	Mg II 2798		078	009		1111		
R	PKS	22 49 45.7	22 51 13.8					O II 3727							
1819+408	4C 40.37	18 19 12.81	18 20 49.07	18			0.733	Mg II 2798		009	009		534		
R	OU 432	40 50 11.1	40 51 38.5					O II 3727					1888		
	VR40.18.02							NeIII 3869							
1821+107	PKS	18 21 41.69	18 24 2.89	17.27	.39	-.80	1.364	C IV 1549		426	476		1544		877pol,749,
R	MC 2	10 42 44.4	10 44 24.3					C III 1909			2251				865pos,
								Mg II 2798			2281				910rvar,1451,
															1485ubv,
															1526vlbi,
															1805mmvar,
															1983ir

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1821+643 X	E	18 21 44 64 19 32	18 21 59.40 64 21 7.5	14.1			0.297*	Mg II 2798 H I 4340 H I 4861 O III 5007	0.297	1224 2303	1224		2303	2245	1224,1995x, 1617,2018ir, 1748fc, 2174varnd, 2245uv,2245, 2304imag 1.5arcmin from anon gal,1650, 2118; IRAS source,1748; Ly alpha abs, 2245
1823+568 R X	4C 56.27	18 23 15.03 56 49 16.6	18 24 7.16 56 51 0.0	18.4			(0.664)	Mg II 2798 O II 3727		507	1540 1984		945 988 993 1557 1937		538,1288sp, 1241,2112x, 1280,1526, 1862vlbi, 1789mm, 2041rpol, 2103pol
1827+387 R	UT	18 27 57.1 38 42 17	18 29 37.76 38 44 22.6	19			1.08	C III 1909 Mg II 2798		1437	1437		1976		
1828+487 R X	3CR 380 4C 48.46 OU 447 NRAO 565 DA 452	18 28 13.55 48 42 40.4	18 29 31.84 48 44 46.4	16.81*	.24	−.59	0.692	Mg II 2798 Ar IV 2854 Ar IV 2869 Ne V 3426 H I 4340 H I 4861		136	013 154	247 248 249 252 290 492 529 760	128 462 534 777 787 801 830 882 1145 1152 1340 1393 1804 1891 2000 2013	560	003ubv,705, 1202,2103pol, 958FeIIem, 1060,1280, 1526,1862vlbi, 912,1107, 1980x,287,324, 776,836,958, 1188,1467sp, 1336rvar, 749pos,158, 182fc,1617ir, 1688imag, 1740rpol, 1789mm, 2104rmap faint gals near,2118
1830+285 R	4C 28.45 VR28.18.01 CTD 108 OU 251 B2	18 30 52.4 28 31 16.6	18 32 50.21 28 33 35.5	17.16	−.25	−.53	0.594	Mg II 2798 H I 4861 O III 4959 O III 5007		078 100	100 443		1111 1145 1888		705,1202pol, 831sp,1451ubv, 1617ir, 1526vlbi superluminal source,2249
1831−711 R	PKS	18 31 41.34 −71 11 14.6	18 37 28.81 −71 8 44.0	17.5			1.356	C IV 1549 C III 1909 Mg II 2798		1898	1251		1251		1526vlbi
1833+509 O		18 33 28.6 50 57 54	18 34 40.86 51 0 22.5	19.9			2.31	H I 1216		1387	1387				
1834+512 O		18 34 12.9 51 15 42	18 35 24.33 51 18 13.6	20.3			2.43	H I 1216		1387	1387				
1834+509 O		18 34 56.4 50 57 54	18 36 8.74 51 0 28.8	20.2			2.39	C IV 1549 C III 1909		1387	1387				
1835+509 O		18 35 0.9 50 59 18	18 36 13.18 51 1 53.1	20.6			2.31	H I 1216		1387	1387				
1835+511 O		18 35 2.9 51 11 6	18 36 14.60 51 13 41.3	20.9			2.77	H I 1216		1387	1387				
1836+511 O		18 36 7.4 51 8 54	18 37 19.27 51 11 33.9	19.9			2.827*	H I 1216 Si IV 1397 O IV 1402 C IV 1549	2.2388 2.203 1.1260 0.8637 0.8182 0.7555	1387	1874 1387			1874 2228 2263	Ly limit abs, z=2.861,1874;
1836+510 O		18 36 12.9 51 3 18	18 37 25.05 51 5 58.3	19.9			1.98	H I 1216		1387	1387				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950)	RA (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION	Z(ABS)	REFERENCES					NOTES
		DEC (1950)	DEC (2000)					LINES		ID	Z	VAR	R	ABS	
1836+508		18 36 47.9	18 38 0.82	21.3			2.14	H I 1216		1387	1387				
O		50 48 0	50 50 42.8												
1842+681	GC	18 42 43.32	18 42 33.58	17.9			0.475	Mg II 2798		507	1288		534		1526vlbi,
R		68 6 19.3	68 9 24.7					H I 4861					1521		1789mm
1843+357	UT	18 43 37.6	18 45 24.16	18			1.21	C IV 1549		1437	1437				
R		35 45 0	35 48 13.4					C III 1909							
1847+335		18 47 24.8	18 49 15.31	17.7	–.50		0.509			1265	1265				1265ubv,
X		33 30 11	33 33 40.8												1617ir,1910sp
1850–782	IRAS	18 50 8	18 57 53.29	15.5			0.162	H I 4861		2172	2172		2300		2172Jmag
IR		–78 15 0	–78 11 6.0					He I 5876							2172extreme
R								H I 6563							FeIIem
1850+402	UT	18 50 51.8	18 52 30.40	18.5			2.12	H I 1216		1437	1437				
R		40 15 23	40 19 7.1					C IV 1549							
1853+354	UT	18 53 50.1	18 55 37.62	19.5			1.69	C IV 1549		1437	1437		1976		
R		35 27 25	35 31 22.0					C III 1909							
1857+566	4C 56.28	18 57 31.70	18 58 26.93	17.3			1.578*	C IV 1549	1.2345	507	538	2174	534	2049	2010imag
R		56 41 45.8	56 45 56.6					He II 1640	1.1057		2049		751	2263	
								O III 1663	0.7151		2281		1145		
								C III 1909					1166		
								Mg II 2798					1167		
													1778		
													1818		
													1891		
													1976		
1901+319	3C 395	19 1 2.34	19 2 55.98	17.42*			0.635			1538	1272	1902	1272		1099vlbi,
R		31 55 15.0	31 59 42.7							1539			1338		1320rpol,
													1792		1336rvar
													2093		superluminal
															source,1814;
															1902avg Bmag
1903–802	PKS	19 3 56.8	19 12 40.77	19			0.5			807	807		023		1526vlbi,
R		–80 15 1	–80 10 6.7										386		2103pol
1908–600	R 21	19 8 36	19 13 0.00	21.45	.33	–.75	1.918	H I 1216		885	878				878ubv
C		–60 2 0	–59 56 55.3					Si IV 1397							
								C IV 1549							
1912–550	PKS	19 12 35.2	19 16 39.26	16.49	.09	–.81	0.402*	Mg II 2798	0.4012	421	1304		493	1077	761,1420sp,
R		–55 0 9	–54 54 48.4					NeIII 3869			493			1420	1077,1355,
								NeIII 3968						1666	1693uv,1617ir,
								H I 4102						2228	411fc,1485ubv,
								H I 4340						2263	1420FeIIem,
								H I 4861							1666,2145imag
								O III 4959							anon gal near,
								O III 5007							2118
1914–455	MC	19 14 1.40	19 17 39.61	16.80	.21	–.74	0.364	Mg II 2798		411	1445		385		1485ubv
R	PKS	–45 35 56.8	–45 30 31.2					O II 3727		1445					
								H I 4340							
								H I 4861							
								O III 4959							
								O III 5007							
1921–293	OV 236	19 21 42.26	19 24 51.08	16.82*			0.352	Mg II 2798		188	888	875	1212		877,888,1626,
R		–29 20 27.0	–29 14 30.8					O II 3727				892	1452		1730,1988,
X								O III 4959				1068	1557		2062pol,1088,
								O III 5007				1902	1961		1441x,781,
												2054			1012,1141,
															1580,1589ir,
															1121,1721rvar,
															1388rpol,1130,
															1357,1971mf,
															1526vlbi,
															1789mm,
															1902OVV
															IRAS source,
															1806; avg ph
															mag,1902

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1924+507 R	4C 50.47	19 24 49.26 50 46 57.2	19 26 6.69 50 53 2.3	17.9			1.098	C IV 1549 He II 1640 C III 1909 Mg II 2798		507	1288		534 1166 1976		
1928+738 R X	4C 73.18 S5	19 28 49.38 73 51 44.3	19 27 48.55 73 58 0.9	16.5 *			0.302	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 O III 4959 O III 5007 He I 5876 He I 7065		1443 1811	933 1540	2054	933 1212 1667 1793 2144		933x,933, 2103pol,865fc, 996,1526, 1862vlbi, 1664pos, 1766rvar,1789, 1855mm, 2133varnd, 2161rpol superluminal source 1827, 1690;
1929-457 R	PKS	19 29 7.91 -45 43 5.3	19 32 44.77 -45 36 38.0	19.5			0.652	Mg II 2798 Ne V 2974 O II 3727 NeIII 3968		095 1898	493		023 493		761,1304sp, 411fc, 1526vlbi
1935-692 R	PKS	19 35 12.08 -69 14 52.3	19 40 25.91 -69 7 57.4	18.8			3.152+	LYB 1026 O VI 1034 H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1898	1251				1526vlbi Ly abs 2156
1936-155 R	PKS	19 36 36.05 -15 32 38.8	19 39 26.68 -15 25 43.1	19.4			1.657	C IV 1549 C III 1909 Mg II 2798		1004	1251		1251 1976		1526vlbi, 1810pos, 2103pol
1942-571 R	PKS	19 42 28.2 -57 7 50	19 46 34.61 -57 0 28.6	16.93	.25	-.66	0.527	Mg II 2798 Ne V 3426 H I 4340 H I 4861		411	500 1968				761,1304sp, 1485ubv, 2145imag
1946+769 O	HS	19 46 41.0 76 58 26	19 44 55.05 77 5 52.3	15.85			3.02 *	H I 1216 Si IV 1397 C IV 1549 C III 1909	3.049 2.843 1.738	2252	2252			2252	
1951+498 R		19 51 12.28 49 50 21.5	19 52 36.01 49 58 11.5	17.5			0.466	Mg II 2798 Ne V 3426 NeIII 3869 H I 4340		507	1288		534 1166		superluminal source
1952-390 O		19 52 35.9 -39 0 54	19 55 57.12 -38 52 54.7	19.2			2.17	H I 1216 N V 1240 C IV 1549		478	478				846rnd
1953-325 R	PKS	19 53 48.41 -32 33 48.8	19 56 59.48 -32 25 45.2	20.5			1.242	C IV 1549 C III 1909 Mg II 2798		1004	1004		384		781ir, 1526vlbi, 2103pol 0.53 arcmin from anon gal, 2118
1954+513 R	OV 591	19 54 22.46 51 23 46.4	19 55 42.74 51 31 48.5	18.5			1.22 +	C IV 1549 C III 1909 Mg II 2798		165	578 044		534 988	044	1201pol,945, 1336rvar,1280, 1526,1862vlbi, 865pos,1789mm, 2161rpol
1954-388 R	PKS	19 54 39.01 -38 53 12.6	19 57 59.78 -38 45 5.5	17.07*	.61	-.63	0.626	Mg II 2798		095	058	745	023 411		761,1304, 2229sp,886ir, 1320rpol, 1485ubv, 1526vlbi,1800, 2103pol, 1810pos

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
1958-179 R	PKS OV 198	19 58 4.64 -17 57 16.8	20 0 57.12 -17 48 57.6	17.46			0.65	Mg II 2798 Ne V 3426 O II 3727		188	058		011 1557		1188sp, 1526vlbi, 1810pos, 1852phot
2000-330 R	PKS	20 0 13.06 -33 0 12.3	20 3 24.16 -32 51 44.4	19.0			3.783*	LYB 1026 O VI 1034 H I 1216 N V 1240 O I 1304 Si II 1307 Si IV 1397 O IV 1402 C IV 1549	3.5575 3.5523 3.5479 3.3375 3.3334 3.2303 3.1914 3.1881 3.1726 3.1248 3.0465 2.9780 2.9236 2.0330 1.4542	1004	1874 1019 1251 2049 2281		1019	1019 1522 1594 1695 1828 1874 1901 2049 2059 2125 2228 2243 2263	1019fc,1382mm, 1526vlbi,1617, 1847ir, 1810pos Ref 1522 also contains 45 Lyman systems; Ly limit abs, z=3.548,1874; Ly alpha abs, z=3.18,1874; Ly abs,2156;
2002-382 O		20 2 12.9 -38 15 53	20 5 31.76 -38 7 17.3	18.9			2.29 +	H I 1216 N V 1240 C IV 1549		478	478			478	846rnd
2002-185 R	MC	20 2 24.39 -18 30 8.9	20 5 17.27 -18 21 33.3	19 *			0.859	C III 1909 Mg II 2798 Ne V 3426 O II 3727 NeIII 3968 O III 4363		466	1304 466	188	011		1526vlbi, 188fc
2003-025 R	PKS	20 3 32.22 -2 32 14.5	20 6 8.47 -2 23 35.2	19			1.457	C IV 1549 C III 1909		045	578		789 803 1976		1526vlbi
2005-044 R	3C 407 4C 04.76 PKS NRAO 623	20 5 46 -4 27 18	20 8 24.14 -4 18 30.4	18			0.589	C II 2326 Mg II 2798 O II 3727		052	084 831		128 775 1804 1888		2145imag
2005-489 BL Lac R X	PKS	20 5 46.56 -48 58 43.1	20 9 25.39 -48 49 53.5	15.3 *						1504		1504 2054	1503		1504,1505sp, 1504,2107, 2112x, 1526vlbi, 1679uv IRAS source, 1806;0.071zgal 1713;
2005+403 R		20 5 59.54 40 21 2	20 7 44.93 40 29 48.8	19.5 *			1.736	H I 1216 C IV 1549 C III 1909		401	402	401	882 1395 1543 1544 1557 1771 1807 1930 1976		865pos,1526, 2086vlbi, 1789mm
2007+777 R X	S5	20 7 20.42 77 43 58.0	20 5 31.02 77 52 43.1	16.5			0.342	O II 3727 O III 4959 O III 5007		1443 1811	1984		933 1441 1555 1557 1793		933,2112x, 933pol,933sp, 996,1526vlbi, 1667,1766rvar, 1789,1855mm, 2133varnd
2008-159 R	PKS	20 8 25.88 -15 55 36.7	20 11 15.68 -15 46 38.8	17.2			1.18	C III 1909 Mg II 2798		188	500		1145 1976		761,1304sp, 865pos, 1526vlbi, 1789mm
2009-470	C05.07	20 9 49.1 -47 5 54	20 13 23.10 -46 56 49.6	17.78			2.37			2277	2277				
2013-307 R	PKS	20 13 23.10 -30 44 35.2	20 16 29.83 -30 35 18.6	20.0			0.978	C III 1909 Mg II 2798		1004	1251		1251		

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2016+112 R	MG B	20 16 55.3 11 17 45	20 19 18.02 11 27 13.0	22.5			3.273	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 He II 1640		1433	1433		1366 1433		1366imag,1366, 1722sp grav lens,1433 2295
2016+112 R	MG A	20 16 55.5 11 17 46	20 19 18.22 11 27 14.0	22.5			3.273	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 He II 1640		1433	1433		1366 1433 2162		1366imag,1366, 1722sp grav lens, 3.4 arcsec sep,1433
2020–370 R	PKS	20 20 31.99 –37 5 2.8	20 23 46.75 –36 55 20.2	17.5	.33	–.62	1.048*	C III 1909 Mg II 2798	0.0286 0.0000	103	024 023	561 745	023 387	880 2228 2263	103ubv,880fc, 761,1304sp, 1718,1851absr anon spiral gal near,0.029 zgal,849,2118; 0.3 arcmin from Klemola 31A, 0.75 arcmin from Klemola 31B, 1650;
2021–330 R	PKS	20 21 26.9 –33 3 25	20 24 35.87 –32 53 39.4	16.30	.52	–.13	1.465	C IV 1549 He II 1640 O III 1663 C III 1909 Mg II 2798		025	2199 058		025 384		1485ubv, 1526vlbi
2021–208 R	MC	20 21 38.63 –20 53 38.5	20 24 33.02 –20 43 52.6	18.4			1.299	C IV 1549 He II 1640 C III 1909 Mg II 2798		1445	1445				
2022–702 R	PKS	20 22 20.55 –70 17 8.4	20 27 24.11 –70 7 16.2	18.8			0.697	Mg II 2798 O II 3727		1898	1251		1251		1526vlbi
2023–385 O		20 23 1.9 –38 35 1	20 26 18.59 –38 25 9.5	19			2.33	H I 1216 N V 1240 C IV 1549		478	478				846rnd
2024–217 R	PKS	20 24 9.1 –21 46 16	20 27 4.27 –21 36 21.2	19			0.463	Mg II 2798 Ar IV 2854 Ne V 3426 O II 3727		188	024		011		761,1304sp, 1526vlbi
2025+117 R	MC 2	20 25 54.30 11 45 30.3	20 28 16.87 11 55 30.2	19			1.92	H I 1216 C IV 1549 He II 1640 O III 1663 C III 1909			415		1818 1976		1818pos
2032+107 BL Lac R	MC 3 PKS OW 154.9	20 32 58.6 10 45 42	20 35 22.38 10 56 6.4	18.6			0.601	Mg II 2798 O II 3727 NeIII 3869 H I 4340 H I 4861 O III 4959 O III 5007		634	1689		1086 1367		634,1988, 2062pol,781ir, 1526vlbi, 2112x, 2174varnd
2034–342 C	F36	20 34 18.33 –34 16 0.1	20 37 27.39 –34 5 29.8	19.64			3.41	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
2034–331	A05.06	20 34 22.1 –33 11 3	20 37 29.74 –33 0 32.5	17.2			1.90			2277	2277				
2034–332	A05.05	20 34 37.4 –33 16 44	20 37 45.13 –33 6 12.6	18.0			1.09			2277	2277				
2035–344 C	F21	20 35 7.19 –34 26 49.2	20 38 16.39 –34 16 16.1	19.14			3.01	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2035−361	F09	20 35 46.39	20 38 57.86	18.91			2.32	H I 1216		2187	2187				2187m(or)
C		−36 11 36.4	−36 1 1.0					N V 1240							
								C IV 1549							
2036−324		20 36 15.10	20 39 21.61	19.66			1.70			2187	2187				2187m(or)
C		−32 28 14.1	−32 17 37.3												
2037+511	3CR 418	20 37 7.3	20 38 36.89	20			1.686	C IV 1549		400	137		882		873x,936rvar,
R	4C 51.42	51 8 35	51 19 11.8					C III 1909					1167		1172ir,
X	NRAO 636							Mg II 2798					1338		1526vlbi
													1557		
													1937		
													1976		
2037−253	PKS	20 37 10.78	20 40 8.79	18.8			1.574	Si IV 1397		188	1304		011		761sp,
R		−25 18 26.1	−25 7 46.4					O IV 1402							1526vlbi,
								C IV 1549							1810pos
								C III 1909							
2037−325		20 37 25.00	20 40 31.49	18.70			0.70			2187	2187				2187m(or)
C		−32 33 59.7	−32 23 18.9												
2037−007		20 37 25.8	20 40 0.18	19.9			2.3	H I 1216		1439	1439				
O		−0 44 39	−0 33 59.2												
2038−011		20 38 10.9	20 40 45.64	20.4			2.26	H I 1216		1439	1439				
O		−1 9 10	−0 58 27.6					C IV 1549							
2038−012		20 38 16.6	20 40 51.45	19.1			2.783*	H I 1216	2.6565	1439	1874			1874	Ly limit abs,
O		−1 16 21	−1 5 38.3					Si IV 1397	2.4238		1439			2228	z=2.723,1874;
								O IV 1402	2.1757					2263	poss damped
								C IV 1549	0.8339						Ly alpha,z=
									0.7952						2.72,1874
2038−371	F20	20 38 17.57	20 41 30.07	18.43			3.00	H I 1216		2187	2187				2187m(or)
C		−37 11 6.4	−37 0 22.5					N V 1240							
								C IV 1549							
2038−367	F07	20 38 28.15	20 41 40.00	18.62			2.27	H I 1216		2187	2187				2187m(or)
C		−36 44 3.4	−36 33 19.0					N V 1240							
								C IV 1549							
2038−338		20 38 32.09	20 41 40.12	19.70			1.40			2187	2187				2187m(or)
C		−33 53 12.4	−33 42 27.8												
2039−331		20 39 17.58	20 42 24.63	18.62			2.27			2187	2187				2187m(or)
C		−33 11 21.6	−33 0 34.5												
2039−375	F08	20 39 23.04	20 42 35.92	19.65			2.29	H I 1216		2187	2187				2187m(or)
C		−37 33 58.7	−37 23 11.2					N V 1240							
								C IV 1549							
2040−374		20 40 7	20 43 19.56	17.84	−.11	−.46	2.276	H I 1216		409	409				1485ubv,954sp
O		−37 24 48	−37 13 58.0					N V 1240							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
								C III 1909							
2040−400		20 40 11.5	20 43 27.85	18.1			2.07	H I 1216		478	478				846rnd
O		−40 1 38	−39 50 47.7					N V 1240							
								C IV 1549							
2040−327	F02	20 40 56.52	20 44 2.84	18.18			0.89			2187	2187				2187m(or)
C		−32 46 6.1	−32 35 13.6												
2041−617	MC	20 41 37.14	20 45 44.47	18.3			0.274	Mg II 2798		1445	1445				
R		−61 44 1.3	−61 33 4.8					H I 4340							
								H I 4861							
								O III 4959							
								O III 5007							
								H I 6563							
2041−310		20 41 41.9	20 44 46.05	18.0			0.434	Ne V 3426		1314	1314				1314x
X		−31 4 24	−30 53 29.0					O II 3727							
								NeIII 3869							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2042-324	F34	20 42 5.06	20 45 10.90	19.30			(3.32)	H I 1216		2187	2187				2187m(or)
C		-32 29 52.5	-32 18 56.2					N V 1240							
								C IV 1549							
2042-329		20 42 12.55	20 45 18.92	19.40			2.30			2187	2187				2187m(or)
C		-32 56 21.1	-32 45 24.4												
2042-366	F12	20 42 17.10	20 45 28.30	19.33			2.44	H I 1216		2187	2187				2187m(or)
C		-36 39 5.0	-36 28 7.9					N V 1240							
								C IV 1549							
2042-344		20 42 56.34	20 46 4.56	19.40			2.47			2187	2187				2187m(or)
C		-34 28 14.9	-34 17 15.7												
2043+749	4C 74.26	20 43 0	20 42 24.78	15.5			0.104	H I 4861		1928	1928		1928		1928,2126ext,
R		74 54 30	75 5 23.0					O III 4959					2126		1928mm
								O III 5007							
								H I 6563							
2043-368	F19	20 43 11.83	20 46 23.19	19.80			2.88	H I 1216		2187	2187				2187m(or)
C		-36 52 1.8	-36 41 1.7					N V 1240							
								C IV 1549							
2043-331	F18	20 43 25.36	20 46 31.82	19.40			2.86	H I 1216		2187	2187				2187m(or)
C		-33 8 0.7	-32 56 60.0					N V 1240							
								C IV 1549							
2043-347	F35	20 43 36.33	20 46 44.81	18.63			3.35	H I 1216		2187	2187				2187m(or)
C		-34 44 38.7	-34 33 37.3					N V 1240							
								C IV 1549							
2043-332	F29	20 43 44.35	20 46 50.88	19.67			3.18	H I 1216		2187	2187				2187m(or)
C		-33 12 54.3	-33 1 52.5					N V 1240							
								C IV 1549							
2043-338	F30	20 43 47.88	20 46 55.19	19.01			3.24	H I 1216		2187	2187				2187m(or)
C		-33 50 46.2	-33 39 44.2					N V 1240							
								C IV 1549							
2043-340	F26	20 43 48.55	20 46 56.10	18.78			3.10	H I 1216		2187	2187				2187m(or)
C		-34 2 16.9	-33 51 14.9					N V 1240							
								C IV 1549							
2043-328	F16	20 43 49.08	20 46 55.16	18.10			(2.69)	H I 1216		2187	2187				2187m(or)
C		-32 51 46.8	-32 40 44.8					N V 1240							
								C IV 1549							
2044-355	F03	20 44 6.62	20 47 16.15	19.39			1.19			2187	2187				2187m(or)
C		-35 35 42.1	-35 24 39.0												
2044-369	F27	20 44 21.80	20 47 33.10	18.64			3.12	H I 1216		2187	2187				2187m(or)
C		-36 56 45.2	-36 45 41.2					N V 1240							
								C IV 1549							
2044-168	PKS	20 44 30.78	20 47 19.63	17.36	.19	-.96	1.937*	H I 1216	1.9213	188	1304		011	058	1202pol,761,
R	OW 174	-16 50 9.4	-16 39 5.6					N V 1240	1.9192		024		1976	560	954,1138sp,
								Si II 1263	1.7335		058			954	1485ubv,
								O I 1304	1.5583					1394	1526vlbi
								Si IV 1397	1.3281					1635	
								O IV 1402						1747	
								C IV 1549						2228	
								He II 1640						2263	
								C III 1909							
2044-027	3C 422	20 44 34.22	20 47 10.37	19.5	1.30		0.942	Mg II 2798		237	137		1111		1201pol,
R	4C 02.80	-2 47 25.4	-2 36 21.8					O III 3133		1898			1804		1172ir,137fc,
	NRAO 639							He II 3203					1888		1526vlbi
	DA 524							Ne V 3345					1891		
	PKS							Ne V 3426							
								O II 3727							
								NeIII 3869							
								NeIII 3968							
2044-370	A05.09	20 44 47.8	20 47 59.14	18.7			2.10			2277	2277				
		-37 1 0	-36 49 54.6												
2045-373	F17	20 45 14.69	20 48 26.43	18.61			2.86	H I 1216		2187	2187				2187m(or)
C		-37 21 26.4	-37 10 19.5					N V 1240							
								C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2047–376	F01	20 47 3.64	20 50 15.46	19.74			0.68			2187	2187				2187m(or)
C		–37 37 9.1	–37 25 56.3												
2047–655	PKS	20 47 44.86	20 52 6.68	17.5			2.32	H I 1216		767	767				767rvar
R		–65 34 27.4	–65 23 10.5					N V 1240							z=1.145, in
								C IV 1549							2199
2048–367	F06	20 48 13.46	20 51 23.94	19.50			2.26	C IV 1549		2187	2187				2187m(or)
C		–36 45 24.2	–36 34 7.7												
2048+312	CL 4	20 48 47.41	20 50 51.16	19.5			3.198*	O VI 1034	3.1415	1499	1874		2162	1874	1500sp
R		31 16 11.2	31 27 27.5					H I 1216	2.4561		1498			2228	
								N V 1240	2.3369		2281			2263	
								Si IV 1397	1.3486						
								O IV 1402							
								C IV 1549							
2048+196	UT	20 48 56.7	20 51 12.82	18.5			2.367*	H I 1216	2.3524	1437	1437			2049	
R		19 38 49	19 50 6.2					N V 1240	2.2117		2049			2263	
								Si IV 1397	1.1157		2281				
								O IV 1402							
								C IV 1549							
2049–345	F04	20 49 9.55	20 52 17.03	19.81			1.61			2187	2187				2187m(or)
C		–34 32 32.4	–34 21 13.0												
2049–362	F31	20 49 28.33	20 52 37.97	19.18			3.27	H I 1216		2187	2187				2187m(or)
C		–36 15 34.6	–36 4 14.1					N V 1240							
								C IV 1549							
2049–375	F10	20 49 35.97	20 52 47.33	18.38			2.34	H I 1216		2187	2187				2187m(or)
C		–37 33 38.8	–37 22 17.9					N V 1240							
								C IV 1549							
2049–353	F23	20 49 40.92	20 52 49.38	18.14			3.04	H I 1216		2187	2187				2187m(or)
C		–35 22 22.3	–35 11 1.2					N V 1240							
								C IV 1549							
2050–359	F37	20 50 35.54	20 53 44.64	17.95			3.49	H I 1216		2187	2187				2187m(or)
C		–35 58 18.9	–35 46 54.8					N V 1240							
								C IV 1549							
2050–348		20 50 53.62	20 54 1.28	19.14			0.80			2187	2187				2187m(or)
C		–34 52 26.0	–34 41 1.0												
2051–350		20 51 16.25	20 54 24.02	18.87			2.48			2187	2187				2187m(or)
C		–35 0 13.7	–34 48 47.5												
2051–373	F13	20 51 18.25	20 54 29.04	17.33			2.59	H I 1216		2187	2187				2187m(or)
C		–37 20 0.9	–37 8 34.5					N V 1240							
								C IV 1549							
2051–329	F24	20 51 53.54	20 54 58.72	19.51			3.06	H I 1216		2187	2187				2187m(or)
C		–32 58 15.7	–32 46 47.6					N V 1240							
								C IV 1549							
2052–474	PKS	20 52 50.13	20 56 16.40	19.1			1.489	C IV 1549		1445	1251		1251		1445sp,
R	MC	–47 26 19.6	–47 14 47.9					He II 1640		1898					1526vlbi,
								C III 1909							2103pol
								Mg II 2798							
2053+156		20 53 1.16	20 55 21.33	18.5			1.112	C IV 1549		476	476				
R		15 36 32.8	15 48 3.1					C III 1909							
2053–044	PKS	20 53 12.0	20 55 49.49	19.3			1.177	C III 1909		412	1304		011		761sp,
R		–4 28 20	–4 16 48.6					Mg II 2798							1526vlbi
2054–342	F22	20 54 39.25	20 57 45.58	19.34			3.03	H I 1216		2187	2187				2187m(or)
C		–34 13 20.1	–34 1 43.2					N V 1240							
								C IV 1549							
2054–355	F33	20 54 49.86	20 57 57.83	17.78			3.31	H I 1216		2187	2187				2187m(or)
C		–35 33 37.1	–35 21 59.6					N V 1240							
								C IV 1549							
2055–331	F05	20 55 12.50	20 58 17.42	19.44			2.24	C IV 1549		2187	2187				2187m(or)
C		–33 6 49.9	–32 55 11.3												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2055–330 C		20 55 25.38 –33 0 7.5	20 58 30.14 –32 48 28.3	18.17			1.30			2187	2187				2187m(or)
2055–361 C	F14	20 55 34.85 –36 9 39.1	20 58 43.47 –35 57 59.3	18.57			2.64	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
2055–440 O		20 55 41 –44 0 40	20 59 0.80 –43 48 59.5	17.90	.13	–.78	2.063+	H I 1216 N V 1240 C IV 1549 He II 1640 C III 1909		409	409			954	1485ubv,954sp
2056–368 C	F11	20 56 28.61 –36 49 58.5	20 59 37.95 –36 38 15.9	19.82			2.40	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
2057–366 C	F15	20 57 44.53 –36 41 35.6	21 0 53.50 –36 29 49.0	18.12			2.69	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
2058–333 C	F28	20 58 38.97 –33 19 49.4	21 1 43.68 –33 8 0.1	18.73			(3.17)	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
2058–425 R	PKS	20 58 42.27 –42 31 5.0	21 1 59.16 –42 19 15.2	17.20*	.36	–.82	0.221	NeIII 3869 NeIII 3968 H I 4102 H I 4861 O III 4959 O III 5007		103 1898	493	745	023 387		761,1304sp, 886ir,1485ubv, 1526vlbi
2059+034 R	PKS OW 098	20 59 8.06 3 29 41.7	21 1 38.89 3 41 31.5	18.06*	.35	–.84	1.013	C III 1909 C II 2326 Mg II 2798		026	436	756 875 1068 1902	775 789 803		436ubv, 1320rpol,1617, 2021ir, 1526vlbi, 1789mm 1902avg ph mag
2059+160 O		20 59 13.8 16 4 14	21 1 33.92 16 16 3.8	18.8			2.12			2278	2278				2278uv
2059–360 C	F25	20 59 36.66 –36 4 59.0	21 2 44.57 –35 53 6.7	18.79			(3.09)	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
2059–330 C	F32	20 59 37.28 –33 4 35.9	21 2 41.57 –32 52 43.7	19.67			3.28	H I 1216 N V 1240 C IV 1549		2187	2187				2187m(or)
2103–347	A06.17	21 3 40.4 –34 42 50	21 6 46.04 –34 30 45.4	18.8			1.8			2277	2277				
2104–363	A06.11	21 4 55.1 –36 18 24	21 8 2.48 –36 6 15.6	18.0			2.04			2277	2277				
2106–413 R	PKS	21 6 19.39 –41 22 33.3	21 9 33.18 –41 10 20.5	21.0			1.055	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869		1861	1861 1997		1861		2103pol
2108–439	C07.35	21 8 38.7 –43 57 30.0	21 11 55.80 –43 45 10.2	18.2			2.25			2277	2277				
2109–690 R	PKS MC	21 9 43.1 –69 3 28	21 14 13.11 –68 51 3.2	19.0			2.10	O IV 1402 C IV 1549 C III 1909		767	2199		011		
2110–680 X	1E	21 10 28.87 –68 1 26.5	21 14 52.52 –67 48 59.7	20.6			(0.9)	Mg II 2798		1284	1284				1284Jmag
2110+057 O		21 10 46.6 5 42 35	21 13 15.84 5 54 59.7	18.8			1.590	C IV 1549 C III 1909		1438	1438 1692				
2110–451 O		21 10 58.5 –45 9 5	21 14 16.93 –44 56 38.3	18.5			0.555			2274	2274				

1993ApJS...87..451H

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2111+062 O		21 11 6.5 6 17 32	21 13 35.28 6 29 57.7	19.8			2.330	H I 1216 O IV 1402 C IV 1549		1438	1692 1438				
2111−451 O		21 11 9.7 −45 6 50	21 14 28.03 −44 54 22.8	17.3			1.376			2274	2274				
2111−410 O		21 11 11.9 −41 1 54	21 14 24.30 −40 49 26.8	19.5			2.65	H I 1216 Si IV 1397 O IV 1402 C IV 1549		430	442 430 479 1022				
2111+058 O		21 11 16.2 5 48 45	21 13 45.37 6 1 11.2	19.8			1.383	C IV 1549 C III 1909 Mg II 2798		1438	1438 1692				
2111−679 X	PAVO XD-10 1E	21 11 18.34 −67 58 49.8	21 15 41.31 −67 46 20.6	20.7			0.72	Mg II 2798		1204	1204				1432imag, 1204Jmag
2111−681 X R	1E	21 11 20.63 −68 6 33.4	21 15 44.28 −67 54 4.0	20.0			1.13	C III 1909 Mg II 2798		1204	1264		1204		1204Jmag
2111−405 O		21 11 27.4 −40 30 11	21 14 39.04 −40 17 43.1	20.9			1.75	H I 1216 C IV 1549		430	430 479 1022				
2111−677 X	1E	21 11 34.98 −67 47 53.0	21 15 56.82 −67 35 23.0	20.0			(0.5)	Mg II 2798		1204	1204				1204Jmag
2111−410 O		21 11 37.3 −41 4 49	21 14 49.69 −40 52 20.6	20.4			2.16	H I 1216 C IV 1549		430	430 479 1022				
2111−413 O		21 11 50.8 −41 23 17	21 15 3.56 −41 10 47.9	19.7			2.18	H I 1216 C IV 1549		430	430 479 1022				
2111−435 O		21 11 50.9 −43 35 39	21 15 6.79 −43 23 9.9	16.7			1.708+			2274	2274				2274BAL
2111−435	C07.21	21 11 51.2 −43 35 19	21 15 7.08 −43 22 49.8	17.6			1.70			2277	2277				
2112−364	A07.01	21 12 1.7 −36 24 57	21 15 8.09 −36 12 27.6	18.0			2.37			2277	2277				
2112−407 O		21 12 10.9 −40 43 22	21 15 22.70 −40 30 52.0	18.3			2.546+	O VI 1034 H I 1216 N V 1240 Si II 1263 Si IV 1397 C IV 1549 He II 1640		330	331 430 478 479 535 1022 1304			954 1304	761,954sp
2112−401 O		21 12 21.6 −40 11 56	21 15 32.67 −39 59 25.5	20.9			2.43	H I 1216 C IV 1549		430	430 479 1022				
2112+059 C	PG	21 12 23.6 5 55 12	21 14 52.71 6 7 41.4	15.52			0.466	Mg II 2798		1117	1117 1438 1692		2011		1598sp,1617, 1729,2018ir, 2112x faint gals near,2118
2112+054 O		21 12 24.4 5 29 55	21 14 53.84 5 42 24.5	20.2			2.401	H I 1216 C IV 1549 C III 1909		1438	1438 1692				
2112−405 O		21 12 29.1 −40 31 50	21 15 40.58 −40 19 19.1	18.9			2.10	H I 1216 C IV 1549		430	430 479 1022				
2112−144 R	UT	21 12 33.2 −14 29 16	21 15 18.34 −14 16 45.6	19			1.70	C IV 1549 C III 1909		1437	1437				
2112+172 R	MC 3 4C 17.86	21 12 36.77 17 16 50.0	21 14 56.68 17 29 19.8	18.7			0.878	Mg II 2798 O II 3727 NeIII 3869		1111	019		1111 1804 1888		

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2112+059 O		21 12 47.5 5 56 10	21 15 16.60 6 8 40.6	18.9			0.398	Mg II 2798		1438	1438 1692				
2112-127 R	UT	21 12 55.4 -12 47 57	21 15 39.14 -12 35 25.6	18.5			1.14	C III 1909 Mg II 2798		1437	1437				
2113-405 O		21 13 3.6 -40 34 57	21 16 15.05 -40 22 24.5	19.8			2.62	H I 1216 C IV 1549		430	442 430 479 1022				
2113+057 O		21 13 18.1 5 44 45	21 15 47.36 5 57 17.1	20.0			2.463	H I 1216 C IV 1549 C III 1909		1438	1438 1692				
2113-430 O		21 13 23.7 -43 5 32	21 16 38.55 -42 52 58.4	18.0			1.249			2274	2274				
2113-456 O		21 13 25.5 -45 38 45	21 16 44.16 -45 26 11.2	17.3			0.946			2274	2274				
2113-437 O		21 13 38.4 -43 45 8	21 16 54.15 -43 32 33.7	18.5			2.053+			2274	2274				
2113+056 O		21 13 39.6 5 36 5	21 16 8.98 5 48 38.1	18.9			0.509	Mg II 2798		1438	1438 1692				
2113-455 O		21 13 44.0 -45 34 17	21 17 2.48 -45 21 42.3	18.9			2.541			2274	2274				
2114-437 O		21 14 3.5 -43 46 60	21 17 19.21 -43 34 24.5	18.3			2.041			2274	2274				
2114-437	C08.04	21 14 3.5 -43 46 36	21 17 19.20 -43 34 0.5	18.2			2.00			2277	2277				
2114-435 O		21 14 10.8 -43 35 34	21 17 26.21 -43 22 58.1	17.9			1.318			2274	2274				
2114-435	C08.03	21 14 10.8 -43 35 18	21 17 26.20 -43 22 42.1	17.8			2.00			2277	2277				
2114-434 O		21 14 45.8 -43 28 14	21 18 0.91 -43 15 36.5	18.7			1.280			2274	2274				
2115-305 R	PKS MSH 21-34 OX 325	21 15 11.17 -30 31 49.5	21 18 10.61 -30 19 11.2	16.52*	.52	-.71	0.979	C III 1909 Mg II 2798		191	954 051	290 745	128		056,190, 1485ubv,780, 886ir,300fc, 1626pol
2115-445 O		21 15 18.1 -44 34 54	21 18 34.72 -44 22 14.9	18.9			2.160			2274	2274				
2115-450 O		21 15 42.8 -45 1 59	21 19 0.01 -44 49 18.7	18.3			0.597			2274	2274				
2116+203 R	UT	21 16 17.2 20 21 22	21 18 34.75 20 34 2.3	17			1.68	C IV 1549 C III 1909		1437	1437		1976		
2116-358 O		21 16 22 -35 49 6	21 19 27.00 -35 36 24.2	17.35	.15	-.11	2.341*	H I 1216 N V 1240 C IV 1549	1.9958	409	409			954 1747 2228 2263	1485ubv,954sp
2116-446 O		21 16 55.2 -44 39 38	21 20 11.59 -44 26 54.3	17.7			1.480+			2274	2274				2274BAL
2117-470 O		21 17 21.8 -47 3 47	21 20 41.80 -46 51 1.9	19.0			2.255			2274	2274				
2118-414	B05.03	21 18 4.8 -41 24 13	21 21 16.38 -41 11 26.1	17.8			1.80			2277	2277				
2118-469 O		21 18 11.9 -46 56 2	21 21 31.50 -46 43 14.6	18.9			1.720			2274	2274				
2118-402	B05.02	21 18 14.9 -40 17 51	21 21 25.00 -40 5 3.7	18.2			2.90			2277	2277				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2118–470 V		21 18 29.1 –47 2 35	21 21 48.80 –46 49 46.8	18.32*		–.49	1.33			1561	1561	1561			
2118–430 V	B	21 18 47.6 –43 3 11	21 22 1.28 –42 50 22.1	20.35*			1.990	C IV 1549 C III 1909		2094	2094				1.54 arcmin from 2118–430A 2094
2118–430 V	A	21 18 55.7 –43 3 37.6	21 22 9.36 –42 50 48.3	18.43*		–.21	2.201+	C III 1909		1561	2094 1561	1561			2094BAL
2118+168 O		21 18 59.9 16 51 26	21 21 20.60 17 4 14.1	19.5			2.30	H I 1216 C IV 1549		1439	1439				
2119–479 O		21 19 25.6 –47 58 55	21 22 46.60 –47 46 4.1	18.4			1.464			2274	2274				
2119–442 O		21 19 25.7 –44 15 49	21 22 40.96 –44 2 58.3	18.3			0.728			2274	2274				
2119–428 V		21 19 26.2 –42 49 40	21 22 39.43 –42 36 49.3	18.60*	–.27	–.43	1.06			1463	1463	1463			1561ubv
2120+168 R X	3CR 432 4C 16.72 PKS OX 134.2 MC 3 NRAO 656	21 20 25.53 16 51 46.4	21 22 46.32 17 4 38.4	17.96	.22	–.79	1.805*	H I 1216 C IV 1549	1.7975 1.5624	064	098		128 462 775 787 789 916 1170 1586 1804 1891 2013	560 1635 1749 2228 2263	003ubv, 1201pol, 1320rpol,1107, 1980x,324sp, 050,182,301fc, 1617ir 1796rpol jet
2120–701 R	PKS	21 20 35.22 –70 10 53.1	21 25 5.73 –69 57 57.3	19.0			1.98	H I 1216 Si IV 1397 O IV 1402 C IV 1549		767	767		767		
2120–474 O		21 20 50.8 –47 27 16	21 24 10.59 –47 14 21.2	18.0			1.591			2274	2274				
2120–434 O		21 20 50.9 –43 27 57	21 24 4.72 –43 15 2.3	18.2			1.240			2274	2274				
2121+053 R X	OX 036 PKS GC	21 21 14.8 5 22 27	21 23 44.52 5 35 21.6	17.5			1.941	C IV 1549 C III 1909		165	100 2251		1170 1557 1976		761sp,873x, 899rpol, 1086rvar, 132fc, 1526vlbi, 1789mm, 2103pol
2121–438 V		21 21 26.8 –43 51 34.8	21 24 41.04 –43 38 38.5	19.79*			2.74			1463	1463	1463			
2121–452 V		21 21 33.8 –45 15 10	21 24 50.03 –45 2 13.3	19.19*			0.758	Mg II 2798		2094	2094				4.27 arcmin from 2121–4510 2094
2121–451 V		21 21 37.0 –45 10 55	21 24 53.11 –44 57 58.2	18.00*			0.332	Mg II 2798 H I 4861		2094	2094				
2121–441 O		21 21 42.0 –44 6 58	21 24 56.55 –43 54 1.0	18.0			1.735			2274	2274				
2121–179 IR R		21 21 54.3 –17 57 43	21 24 41.68 –17 44 46.1	16.50			0.110			1860	1860		2300		IRAS source 1860
2122–425 O		21 22 0.2 –42 31 44	21 25 12.49 –42 18 46.2	18.1			2.266			2274	2274				
2123–469 O		21 23 3.7 –46 54 52	21 26 22.10 –46 41 51.1	18.7			1.400			2274	2274				
2123–408 O		21 23 8.2 –40 48 36	21 26 18.01 –40 35 35.1	18.5			2.29 +	H I 1216 N V 1240 C IV 1549		478	478			478	846rnd

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2123–436 O		21 23 21.3 –43 38 30	21 26 34.83 –43 25 28.4	18.3			0.480			2274	2274				
2123–444 V	A	21 23 43.2 –44 29 6	21 26 57.83 –44 16 3.4	19.70*			1.353	C III 1909 Mg II 2798		2094	2094				
2123–444 V	B	21 23 45.2 –44 29 10	21 26 59.82 –44 16 7.3	19.86*			1.586	C IV 1549 C III 1909		2094	2094				0.35 arcmin from 2123–444A 2094
2124–442 V	A	21 24 7.8 –44 12 54	21 27 21.96 –43 59 50.3	19.04*			2.40	Mg II 2798		2094	2094				0.33 arcmin from 2124–442B 2094
2124–442 V	B	21 24 9.6 –44 12 59	21 27 23.75 –43 59 55.2	19.45*			1.239	C III 1909 Mg II 2798		2094	2094				
2124–475 O		21 24 17.9 –47 33 3	21 27 37.00 –47 19 58.7	18.9			1.411			2274	2274				
2124–476 O		21 24 28.9 –47 38 39	21 27 48.10 –47 25 34.2	18.7			0.340			2274	2274				
2124–442 V	C	21 24 33.8 –44 12 4	21 27 47.84 –43 58 59.1	19.79*			1.625	C IV 1549 C III 1909		2094	2094				
2124–441 V		21 24 36.0 –44 11 12	21 27 50.01 –43 58 7.0	19.69*			1.293	C III 1909 Mg II 2798		2094	2094				0.95 arcmin from 2124–442C 2094
2124–120 O		21 24 37.89 –12 2 1.7	21 27 20.46 –11 48 57.5	19.98			2.034+	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		2155	2154			2154	2154fc, 2155Jmag
2124–120 O		21 24 43.29 –12 4 21.3	21 27 25.88 –11 51 16.8	19.35			0.873	Mg II 2798		2155	2154				2154fc, 2155Jmag
2125–135 O		21 25 1.70 –13 35 17.7	21 27 45.43 –13 22 12.3	18.57			2.948+	H I 1216		2155	2154			2154	2154fc, 2155Jmag
2125–121 O		21 25 5.2 –12 11 52	21 27 47.87 –11 58 46.5	19.9			1.323	C IV 1549 C III 1909		2155	2154				2154fc, 2154Bmag
2125–134 O		21 25 14.01 –13 26 9.4	21 27 57.62 –13 13 3.5	19.08			2.201	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.141	2155	2154			2154	2154fc, 2155Jmag, 2154BAL
2125–461 V		21 25 49.7 –46 11 33	21 29 6.33 –45 58 24.6	20.89*			1.306	C IV 1549 C III 1909		1463	1462	1463			
2125–149 X	1E	21 25 54.3 –14 56 40.2	21 28 39.02 –14 43 32.4	18.13			0.304	Mg II 2798 H I 4340 H I 4861		1233	1233				
2125–148 O		21 25 57.4 –14 51 2	21 28 42.05 –14 37 54.1	19.9			2.30	H I 1216 C IV 1549		1439	1439				
2125–134 O		21 25 58.11 –13 24 8.7	21 28 41.65 –13 11 0.8	19.18			2.028	H I 1216 Si IV 1397 O IV 1402 C IV 1549		2155	2154				2154fc, 2155Jmag
2126–150 O		21 26 1.0 –15 3 2	21 28 45.80 –14 49 53.9	19.3			2.2	H I 1216		1439	1439				
2126–118 O		21 26 6.73 –11 48 31.0	21 28 49.06 –11 35 22.7	19.72			2.188	H I 1216 O I 1304 Si IV 1397 O IV 1402 C IV 1549		2155	2154				2154fc, 2155Jmag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2126−158 R X	PKS	21 26 26.69 −15 51 51.5	21 29 12.09 −15 38 42.3	17.3			3.266*	LYB 1026 O VI 1034 H I 1216 N V 1240 Si II 1263 O I 1304 Si II 1307 Si IV 1397 O IV 1402 C IV 1549 C III 1909	2.9676 2.9071 2.8194 2.7690 2.7280 2.6791 2.6380 2.4597 2.3936 2.0226 −.0001	412	1872 412 455 1438 1874 2281		011 2162	455 544 562 1394 1695 1747 1872 1874 2039 2075 2090 2228 2263	1201pol,761, 911,986, 1304sp,862, 886,1092, 1617ir,912, 2302x,1328mm, 1526vlbi, 1941uv, 2174varnd Ly alpha abs, 562;Ly limit abs,z=2.973 and 2.792,1874 9.7arcsec from emline gal, (z=0.210) (m=20.9),2199
2126−459 V		21 26 33.7 −45 58 44.7	21 29 49.84 −45 45 34.4	18.02*		−.38	1.58			1561	1561	1561			
2126−185 R	PKS	21 26 33.89 −18 34 32.5	21 29 21.41 −18 21 22.9	20.0			0.680	O II 3727 H I 4861 O III 4959 O III 5007		188	1861		1861		
2126−150 O		21 26 34.1 −15 2 39	21 29 18.86 −14 49 29.5	20.3			2.1	H I 1216		1439	1439				
2126−449 V		21 26 49.1 −44 57 33	21 30 3.70 −44 44 22.0	19.80*			0.967	Mg II 2798		2094	2094				2.21 arcmin from 2127−4456 2094
2126−463 O		21 26 52.9 −46 18 59	21 30 9.47 −46 5 47.8	18.8			1.888			2274	2274				
2127−449 V		21 27 0.3 −44 56 34	21 30 14.84 −44 43 22.5	19.30*			0.522	Mg II 2798		2094	2094				
2127−134 O		21 27 3.35 −13 24 17.8	21 29 46.83 −13 11 7.0	19.30			0.860	Mg II 2798		2155	2154				2154fc, 2155Jmag
2127−133 O		21 27 4.38 −13 19 34.3	21 29 47.80 −13 6 23.4	19.72			(0.654)	Mg II 2798		2155	2154				2154fc, 2155Jmag
2127−133 O		21 27 6.13 −13 21 51.2	21 29 49.58 −13 8 40.3	18.44			2.214+	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549		2155	2154			2154	2154fc, 2155Jmag
2127−466 O		21 27 7.2 −46 41 24	21 30 24.27 −46 28 12.2	18.8			0.273			2274	2274				
2127+176 R	UT	21 27 17.7 17 41 36	21 29 38.31 17 54 46.8	18			2.01	H I 1216 C IV 1549		1437	1437				
2127−427 O		21 27 19.3 −42 42 46	21 30 30.72 −42 29 33.7	17.7			0.799			2274	2274				
2127−454 O		21 27 37.2 −45 28 57	21 30 52.37 −45 15 43.9	18.8			2.713			2274	2274				
2127+348 R	UT	21 27 46.2 34 53 24	21 29 51.32 35 6 35.7	18.5			2.40	H I 1216 C IV 1549		1437	1437				
2127−458 V	B	21 27 54.4 −45 52 56	21 31 10.08 −45 39 42.1	19.78*			1.104	C III 1909 Mg II 2798		2094	2094				0.63 arcmin from 2127−458A 2094
2127−458 V	A	21 27 56.0 −45 52 21	21 31 11.66 −45 39 7.0	19.12*			1.241	C III 1909 Mg II 2798		2094	2094				
2128−466		21 28 4.2 −46 39 8	21 31 20.98 −46 25 53.6	20.16*			2.610	H I 1216 C IV 1549		2094	2094				
2128−466 V		21 28 10.2 −46 37 54	21 31 26.93 −46 24 39.4	19.19*			0.436	Mg II 2798		2094	2094				1.61 arcmin from 2128−4639 2094

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2128-434		21 28 13.1	21 31 25.31	17.4			0.920			2274	2274				
O		-43 27 7	-43 13 52.3												
2128-459		21 28 13.8	21 31 29.46	18.4			0.624			2274	2274				
O		-45 55 7	-45 41 52.2												
2128-461		21 28 21.9	21 31 37.91	17.22*		-.63	0.835	Mg II 2798		1561	2094	1561			
V		-46 10 54	-45 57 38.8								1561				
2128-315	PKS	21 28 24.52	21 31 23.21	18.5			0.99	Mg II 2798		025	1004		384		1004fc
R		-31 34 27.6	-31 21 12.8												
2128-355	A08.01	21 28 33.3	21 31 36.00	18.4			3.19			2277	2277				
		-35 32 2	-35 18 46.7												
2128-123	PHL 1598	21 28 52.72	21 31 35.31	15.89*	.17	-.67	0.501*	Mg II 2798	0.4299	055	051	007	023	560	007,055,1451,
C	PKS	-12 20 20.1	-12 7 4.4					H I 4340	-.0001		1731	212	128	1077	1485ubv,1077,
X	OX 148							H I 4861				252		1420	1355,1693,
R												253		1528	1941,2061uv,
												290		1731	1202,1626,
												529		2075	2103pol,954,
												745		2228	958,1188,1420,
												920		2244	1467,1922,
												1068		2263	2229sp,958,
												1902			1420FeIIem,
												2054			1183x,1617ir,
															1526vlbi,
															086fc,
															1483rvar,
															1789mm,
															1797elp,
															1810pos,
															1942uvvar
															8.6arcsec from
															anon gal,0.430
															zgal,1528,2118
															2262;
															1902avg Bmag
2128+089	AO	21 28 54.43	21 31 21.71	18.49	.58	-.62	0.986	C III 1909		124	084		775		436ubv,
R	4C 08.62	8 59 19.5	9 12 34.8					C II 2326			018		789		1320rpol
	OX 049							Mg II 2798			436		2085		
2129-431		21 29 5.3	21 32 16.89	18.4			0.311			2274	2274				
O		-43 7 28	-42 54 11.0												
2129-464		21 29 39.4	21 32 55.43	17.9			0.435+			2274	2274				
O		-46 24 19	-46 11 0.4												
2130-438		21 30 41.3	21 33 53.43	19.67*			1.03			1463	1463	1463			
V		-43 48 1.7	-43 34 40.5												
2131-461		21 31 2.7	21 34 18.03	18.47*		.03	2.94			1561	1561	1561			
V		-46 9 31.3	-45 56 9.1												
2131-010		21 31 11.8	21 33 46.23	19.6			1.58			2278	2278				2278uv,
O		-1 1 58	-0 48 36.4												2278BAL
2131-009		21 31 14.2	21 33 48.55	21.6			1.63			2278	2278				2278uv
X		-0 55 12	-0 41 50.3												
R															
2131-429		21 31 20.9	21 34 31.80	19.79*			2.272	H I 1216		2094	2094				
V		-42 58 18	-42 44 55.1					C IV 1549							
								C III 1909							
2131-430		21 31 23.5	21 34 34.42	19.88*			1.647	C IV 1549		2094	2094				
V		-43 0 0	-42 46 37.0					C III 1909							
2131-429		21 31 33.5	21 34 44.34	18.11*		-.59	2.093	H I 1216		1561	2094	1561			
V		-42 57 51	-42 44 27.5					C IV 1549			1561				
								C III 1909							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2131–021 BL Lac R X	PKS 4C 02.81	21 31 35.17 –2 6 38.7	21 34 10.35 –1 53 16.1	18.73*			(0.557)			026	436	1902	789 803 1162 1557 1877		058sp,781ir, 1088,2112x, 1526vlbi, 1661rvar, 1789mm, 1810pos,2046, 2103pol 1902avg ph mag
2131+175 R	4C 17.87	21 31 55.51 17 33 32.4	21 34 16.57 17 46 55.5	19.26			(1.215)			124	436		789 1476 1976		
2132–452 V		21 32 2.9 –45 16 9.8	21 35 16.73 –45 2 45.0	18.32*		–.57	1.89			1561	1561	1561			
2132–427 V	A	21 32 4.8 –42 45 42	21 35 15.27 –42 32 17.2	18.82*			1.993+	C IV 1549 C III 1909		2094	2094			2094	
2132–427 V	B	21 32 14.9 –42 45 45	21 35 25.33 –42 32 19.8	19.35*			2.146	H I 1216 C IV 1549 C III 1909		2094	2094				1.85 arcmin from 2132–427A 2094
2132–461 V		21 32 35.2 –46 11 30.8	21 35 50.20 –45 58 4.6	19.17*	.71	–.57	1.60			1463	1463	1463			1561ubv
2132–448 V		21 32 37.7 –44 51 2	21 35 50.81 –44 37 35.7	18.04*		–.49	0.90			1561	1561	1561			
2132+014 O	PC	21 32 37.9 1 26 6	21 35 10.61 1 39 31.3	19.4			3.196			1698	1698				1698rmag
2132–470 V		21 32 54.1 –47 5 7.8	21 36 10.33 –46 51 40.7	19.55*			0.244			1463	1462	1463			
2132–433 O		21 32 54.9 –43 21 45	21 36 5.96 –43 8 18.0	18.2			2.420			2274	2274				
2132–426 O		21 32 58.0 –42 40 7	21 36 8.16 –42 26 39.9	18.5			1.629			2274	2274				
2133–424 O		21 33 28.6 –42 25 18	21 36 38.33 –42 11 49.6	18.6			0.837			2274	2274				
2133–458 O		21 33 41.2 –45 53 0	21 36 55.50 –45 39 30.9	18.9			0.985			2274	2274				
2133–439 V		21 33 45.8 –43 58 45.2	21 36 57.48 –43 45 16.0	18.11*		–.26	1.56			1561	1561	1561			
2134+004 C X R	PHL 61 PKS DA 553 OX 057 GC	21 34 5.28 0 28 25	21 36 38.66 0 41 54.1	17.55*	.30	–.94	1.936+	H I 1216 N V 1240 O IV 1402 C IV 1549 He II 1640 O III 1663 C III 1909 C II 2326		226	073 034 051 226 436 569 748	226 290 488 1142 2054	128 789 803 816 898 934 1148 1162 1544 1557 1771 1792 1807 1930 1976	954	1201,2103pol, 1320,1388rpol, 1195,1686, 1980x,936rvar, 831,1032, 1181sp,886ir, 1513elp, 1649mf, 1451ubv, 1789mm, 1805mmvar, 2174varnd 1902avg Bmag
2134–149 O		21 34 13.1 –14 55 56	21 36 57.30 –14 42 26.3	18.3			2.20	H I 1216 C IV 1549		1439	1439				
2134–426 O		21 34 38.1 –42 39 43	21 37 47.89 –42 26 11.6	17.9			1.804			2274	2274				
2134–460 V		21 34 47.8 –46 2 40	21 38 2.06 –45 49 8.1	20.23*			1.340	C III 1909 Mg II 2798		2094	2094				0.98 arcmin from 2134–4601 2094
2134–460 V		21 34 50.9 –46 1 50	21 38 5.12 –45 48 17.9	17.83*			0.528	Mg II 2798 H I 4340		2094	2094				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2135−147 C X R	PKS PHL 1657 OX 158 MSH 21−115	21 35 1.21 −14 46 27.3	21 37 45.24 −14 32 55.6	15.19*	.09	−.84	0.20 *	H I 4340 O III 4363 H I 4861 O III 4959 O III 5007	0.200	055	054 334	007 080 212 252 290 529 875 920 1068 1902 2073	775 1171 1340 1891	1077 1394 1666 2228 2263	007,055,056, 1485ubv, 1320rpol,1077, 1701,2061uv, 780,799,886, 1319ir,1028mm, 1195,1195xvar, 1028,1202pol, 912,1183, 1781x,940ext, 1526vlbi,324, 334,1922, 2229sp,077, 322fc,1947elp 1207,1261,1630 1666,1682,1700 2145imag/ext; 1763em line var; Compact object nearby,1339; 0.1,0.27,0.72 arcmin from 3 anon gals, 0.1997,0.2002, 0.2008zgals, 1650,2118; close compan gal,1682; 1902avg ph mag
2135−465 O		21 35 6.5 −46 32 27	21 38 21.38 −46 18 54.3	18.8			2.214			2274	2274				
2135−455 O		21 35 14.3 −45 30 50	21 38 27.71 −45 17 17.0	17.7			0.308			2274	2274				
2135−427 O		21 35 14.3 −42 43 49	21 38 24.04 −42 30 16.1	17.2			0.250			2274	2274				
2135−463 O		21 35 19.3 −46 20 47	21 38 33.85 −46 7 13.7	18.5			0.505			2274	2274				
2135−428 V		21 35 20.2 −42 53 30	21 38 30.12 −42 39 56.8	17.91*		−.78	1.46			1561	1561	1561			
2135−145 O		21 35 27.8 −14 32 11	21 38 11.63 −14 18 38.1	19.9			1.90	H I 1216 C IV 1549		1439	1439				
2135−440 V		21 35 41.5 −44 0 50	21 38 52.79 −43 47 15.9	18.30*			0.461	Mg II 2798		2094	2094				1.17 arcmin from 2135−4401 2094
2135−248 R	PKS	21 35 45.38 −24 53 29	21 38 37.16 −24 39 55.2	18.6 *			0.821	Mg II 2798		011	1304 500	011			761sp, 1526vlbi
2135−440 V		21 35 47.2 −44 1 24	21 38 58.48 −43 47 49.6	19.63*			(0.842)	Mg II 2798		2094	2094				
2135−395 O		21 35 55.9 −39 34 57	21 39 1.74 −39 21 22.4	18.6			1.46	C IV 1549 C III 1909		478	478				846rnd
2136−430 O		21 36 30.3 −43 1 23	21 39 40.13 −42 47 46.8	18.2			1.343			2274	2274				
2136+141 R	OX 161 PKS	21 36 37.44 14 10 0.6	21 39 1.34 14 23 35.9	18.5			2.427*	O VI 1034 H I 1216 N V 1240 Si IV 1397 C IV 1549	1.823	165	100 044 578		1152 2162	1550 1551 2228 2263	1526vlbi, 325fc,1201pol, 750pos damped Ly alpha,z=1.823, 1551
2136−437 O		21 36 46.5 −43 44 38	21 39 57.19 −43 31 1.1	18.2			0.490			2274	2274				
2137−445 O		21 37 51.5 −44 35 49	21 41 3.05 −44 22 9.4	18.4			0.632			2274	2274				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2138–445 O		21 38 18.4 –44 30 14	21 41 29.72 –44 16 33.2	18.5			1.104			2274	2274				
2138–389	B06.02	21 38 40.4 –38 54 2	21 41 44.94 –38 40 20.5	19.2			3.10			2277	2277				
2138–468 O		21 38 41.4 –46 50 32	21 41 55.81 –46 36 50.2	18.5			0.762			2274	2274				
2138–444 O		21 38 48.4 –44 27 8	21 41 59.54 –44 13 26.0	18.9			3.170			2274	2274				
2138–436 V		21 38 54.7 –43 41 32	21 42 4.84 –43 27 49.7	20.69*			2.235			1463	1462	1463			
2139–445 O		21 39 14.7 –44 34 1	21 42 25.89 –44 20 17.9	18.7			3.230			2274	2274				
2139–435 O		21 39 22.3 –43 32 5	21 42 32.14 –43 18 21.6	18.6			2.185+			2274	2274				2274BAL
2139–436 V		21 39 48.7 –43 36 18.6	21 42 58.52 –43 22 34.1	20.80*			1.379	C IV 1549 C III 1909		1463	1462	1463			2274pos
2139–420	B06.03	21 39 49.2 –42 1 34	21 42 57.09 –41 47 49.5	19.3			2.40			2277	2277				
2139–430 O		21 39 54.7 –43 3 11	21 43 3.81 –42 49 26.3	17.5			0.320			2274	2274				
2140–048 C R	PHL 109 PKS	21 40 0.5 –4 51 29	21 42 37.44 –4 37 44.8	18			0.344	Mg II 2798 H I 4861 O III 5007		011	009				1259imag, 1526vlbi
2140–457 O		21 40 10.0 –45 42 29	21 43 22.48 –45 28 43.6	16.7			0.171			2274	2274				
2140–458 O		21 40 16.3 –45 52 37	21 43 28.98 –45 38 51.3	18.3			1.688+			2274	2274				2274BAL?
2140+102 R	MC 2 4C 10.66 OX 167	21 40 28.51 10 17 37	21 42 55.33 10 31 22.0	18.8			1.28	C III 1909 Mg II 2798		568	415		1111		
2141+175 R X	PKS OX 169 MC 3	21 41 13.76 17 30 2.3	21 43 35.56 17 43 49.1	15.5 *	.16	–.75	0.213	Mg II 2798 Ne V 3426 H I 4340 O III 4363 H I 4861 O III 5007 He I 5876 H I 6563		078 165	044 100 578 957	528 1657 1906	1111 1170 1171 1340		528ubv,705, 1202pol,1319, 1617,1668, 2021ir,696, 1195xvar, 1214elp, 1223spext,939, 1026,1362ext, 912,1183,1686, 1980x,749pos, 1032,1420, 1922sp,528fc, 1420FeIIem, 1941,2061uv 1763,1834em line var;1194, 1207,1261,1630 1700imag/ext; 0.63 arcmin from anon gal, 0.2106zgal, 1650,2118;
2141+040 X	1E	21 41 36.8 4 0 38.6	21 44 7.87 4 14 26.6	19.2			0.410	Mg II 2798 Ne V 3426 O II 3727 H I 4340 H I 4861 O III 5007		1416	1416 1417				1048,1417x
2141+037 O		21 41 40.5 3 45 7	21 44 11.74 3 58 55.1	20.2			1.8	H I 1216		1439	1439				
2141+040 X		21 41 51.5 4 2 40	21 44 22.55 4 16 28.6	17.1	–.40		0.463			1314	1314				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2142−758	PKS	21 42 12.73	21 47 12.64	17.30	.49	−.54	1.139*	C III 1909	0.9596	421	493		493	493	761sp,1485ubv,
R		−75 50 4	−75 36 11.3					Mg II 2798			1304			761	807pos,1617ir,
														2228	1526vlbi
														2263	
2142−448		21 42 16.7	21 45 27.50	18.2			1.025			2274	2274				
O		−44 49 32	−44 35 41.4												
2142−433		21 42 42.7	21 45 51.51	18.5			1.118			2274	2274				
O		−43 18 56	−43 5 4.4												
2142−156		21 42 46.5	21 45 30.67	21.2			2.050	C IV 1549		1438	2199				
O		−15 39 32	−15 25 40.8					C III 1909							
2142+110	MC 2	21 42 52.35	21 45 18.78	17.6			0.55	Mg II 2798		020	044		1111		1201pol,
R		11 1 36.4	11 15 27.3					O II 3727					1888		1111fc
								NeIII 3869							
								H I 4340							
								H I 4861							
								O III 5007							
2142−152		21 42 59.8	21 45 43.70	20.8			1.866	O IV 1402		1438	2199				
O		−15 17 37	−15 3 45.3					C IV 1549							
								C III 1909							
2143+040		21 43 10.8	21 45 41.86	19.2			2.0	H I 1216		1439	1439				
O		4 3 59	4 17 50.8												
2143−156	PKS	21 43 38.81	21 46 22.92	17.27	.43	−.64	0.701	Mg II 2798		188	024		011		1350x,1485ubv,
R	OX 173	−15 39 36.7	−15 25 43.4								419				1526vlbi
X											1304				
											1438				
2143−156		21 43 44.4	21 46 28.52	18.5			2.055	H I 1216		188	024				761,1304sp
		−15 41 5	−15 27 11.5					N V 1240		1438	419				
								O I 1304			1438				
								Si IV 1397							
								O IV 1402							
								C IV 1549							
2143−158		21 43 59.2	21 46 43.45	21.2			(2.3)	H I 1216		1438	1438				
O		−15 53 28	−15 39 33.9					C IV 1549							
2144−179	PKS	21 44 17.62	21 47 3.26	20			0.684	Mg II 2798		055	073		128		057fc
R	OX 175	−17 54 5.6	−17 40 10.7					O II 3727							
								NeIII 3869							
								NeIII 3968							
2144−362	PKS	21 44 29.9	21 47 30.62	17.8 *			2.081+	C IV 1549		025	493	1485		493	761,1304sp
R		−36 15 51	−36 1 55.2					C III 1909							
2144+092	PKS	21 44 42.47	21 47 10.16	18.9			1.113	C IV 1549		010	1861		1861		
R		9 15 51.1	9 29 46.5					C III 1909		132			2085		
2145−154		21 45 6.0	21 47 49.88	20.8			(2.2)	H I 1216		1438	1438				
O		−15 28 43	−15 14 46.2					C IV 1549							
2145+067	PKS	21 45 36.11	21 48 5.49	16.27*	.41	−.79	0.999*	C III 1909	0.7906	055	324	080	128	836	055,1451ubv,
R	4C 06.69	6 43 41.2	6 57 38.8					C II 2326			008	248	789	1873	004,705,1202,
X	OX 076.1							Mg II 2798			436	252	816	2075	2103pol,936,
	DA 562							H I 4861			2251	253	934	2228	1119,1336rvar,
								O III 4959				290	1229	2263	799ir,324,
												492	1557		836sp,749pos,
												1068	1792		1005x,
															1526vlbi,
															111fc,1789mm,
															2061uv
															1902avg ph mag
															5.9arcsec from
															anon gal,0.790
															zgal,2118,2262
															faint gals
															near,2118
2146−339	A09.40	21 46 26.7	21 49 24.86	18.7			2.5			2277	2277				
		−33 55 21	−33 41 20.6												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2146−133 R	PKS OX 178 MSH 21−119	21 46 46.37 −13 18 26.7	21 49 28.68 −13 4 25.9	19.5			1.80 *	H I 1216 C IV 1549 He II 1640 C III 1909	1.785	079	002 073		128 1818 1891	002 073 2228 2263	057fc
2147−372	A09.70	21 47 14.5 −37 15 28	21 50 15.71 −37 1 25.7	18.3			2.7			2277	2277				
2148−337	A09.22	21 48 25.9 −33 47 12	21 51 23.61 −33 33 6.9	18.2			2.13			2277	2277				
2148−362	A09.02	21 48 41.5 −36 16 22	21 51 41.48 −36 2 16.3	18.3			2.29			2277	2277				
2149−307 R	PKS	21 49 0.60 −30 42 0.0	21 51 55.53 −30 27 53.6	18.4			2.345	H I 1216 N V 1240 Si IV 1397 C IV 1549		384	1004 1304		384		1004fc,761sp, 1526vlbi, 1810pos
2149+069 R	OX 081 PKS	21 49 2.06 6 55 21	21 51 31.42 7 9 26.8	18			1.364	C IV 1549 C III 1909		132	009		010		010,213fc, 1526vlbi
2149+212 R	4C 21.59 DA 565 PKS	21 49 26.11 21 16 6.9	21 51 45.90 21 30 13.4	19			1.538*	Si IV 1397 C IV 1549 He II 1640 C III 1909 Mg II 2798	1.0073 0.9114	033	032 2049 2281		128 462 774 800 1818 1891	2049 2263	831sp, 1320rpol
2150−194 O		21 50 32.3 −19 27 49	21 53 18.52 −19 13 39.3	17.5			0.137			2274	2274				
2150−195 O	MD5:1	21 50 33.04 −19 32 51.1	21 53 19.32 −19 18 41.4	19.0			2.32	H I 1216 C IV 1549		1948	1948				1948phot mag
2150−178 O	MD5:2	21 50 37.62 −17 53 52.1	21 53 22.76 −17 39 42.2	19.3			2.07	H I 1216		1948	1948				1948phot mag
2150−197 O	MD5:3	21 50 39.18 −19 43 11.2	21 53 25.57 −19 29 1.2	18.5			2.00	H I 1216 C IV 1549		1948	1948				1948phot mag
2150−197 O	MD5:4	21 50 49.95 −19 47 27.4	21 53 36.37 −19 33 17.0	19.0			2.58	H I 1216 O IV 1402		1948	1948				1948phot mag
2150+053 R	4C 05.81 PKS	21 50 54.12 5 22 8.5	21 53 24.51 5 36 18.6	17.77			1.980*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909	1.9899 1.8829	124	436 2049 2281		789 1818 1891	2049 2263	1818pos, 2266imag
2150−218 O	MD5:5	21 50 56.13 −21 53 31.6	21 53 44.02 −21 39 20.9	19.2			2.15	H I 1216 He II 1640		1948	1948				1948phot mag
2151−193 O	MD5:6	21 51 36.20 −19 22 51.2	21 54 22.27 −19 8 39.0	19.05			0.40			477 1948	477				z in 1948 differs (2.23)
2151−185 O	MD5:7	21 51 39.38 −18 33 6.6	21 54 24.88 −18 18 54.3	19.3			2.09	H I 1216 C IV 1549		1948	1948				1948phot mag
2151−170 O	MD5:8	21 51 46.02 −17 4 2.0	21 54 30.51 −16 49 49.5	18.7			2.41	H I 1216 C IV 1549		1948	1948				1948phot mag
2152−218 O	MD5:9	21 52 2.38 −21 49 58.6	21 54 50.12 −21 35 45.4	19.5			1.97	H I 1216 C IV 1549		1948	1948				1948phot mag
2152+172 R	UT	21 52 18.0 17 13 35	21 54 40.84 17 27 48.2	18			1.02	C III 1909 Mg II 2798		1437	1437				
2152−197 O		21 52 20.7 −19 42 40	21 55 6.93 −19 28 26.1	19.95			2.24			477	477				
2152−190 O	MD5:10	21 52 28.64 −19 2 8.4	21 55 14.40 −18 47 54.2	19.1			2.80	H I 1216 O IV 1402		1948	1948				1948phot mag
2152−196 O	MD5:11	21 52 35.65 −19 36 51.9	21 55 21.79 −19 22 37.5	18.8			1.33	C IV 1549		1948	1948				1948phot mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2152–211	MD5:12	21 52 37.63	21 55 24.82	18.9			1.46	C IV 1549		477	1948				
O		–21 7 26.8	–20 53 12.3					C III 1909		1948					
2152–177		21 52 56.8	21 55 41.67	18.5			0.26			477	477				pos & B(J)mag,
O		–17 46 51.9	–17 32 36.7												2274
2153–208	MD5:13	21 53 3.41	21 55 50.38	19.2			1.59	C IV 1549		1948	1948				1948phot mag
O		–20 52 30.1	–20 38 14.6					C III 1909							
2153–209	MD5:14	21 53 6.61	21 55 53.62	18.15			1.843	Si IV 1397		467	467				761sp,477fc
O		–20 56 0.7	–20 41 45.1					O IV 1402		1948	477				3.60 arcmin
								C IV 1549			1304				from 215303.41
								C III 1909			1400				–205230.1,1948
											1948				
2153–217	MD5:15	21 53 10.73	21 55 58.27	18.9			2.43	LYB 1026		477	477				pos & B(J)mag,
O		–21 42 21.2	–21 28 5.4					H I 1216		1948	1948				2274
								Si IV 1397							
								C IV 1549							
2153–190	MD5:16	21 53 19.67	21 56 5.36	19.3			2.23	H I 1216		1948	1948				1948phot mag
O		–19 2 43.1	–18 48 27.0					C IV 1549							
2153–174		21 53 26.8	21 56 11.45	20			2.30			477	477				
O		–17 29 54.9	–17 15 38.6												
2153–215	MD5:17	21 53 27.78	21 56 15.17	19.0			2.28	H I 1216		1948	1948				1948phot mag
O		–21 32 1.0	–21 17 44.5					C IV 1549							
2153–174	MD5:18	21 53 32.18	21 56 16.76	19.3			2.08	H I 1216		1948	1948				1948phot mag
O		–17 24 9.3	–17 9 52.7					He II 1640							
2153–193		21 53 41.9	21 56 27.74	19.75			0.54			477	477				
O		–19 18 14.1	–19 3 57.1												
2153–200	MD5:19	21 53 42.61	21 56 28.98	19.2			2.27	H I 1216		1948	1948				1948phot mag
O		–20 5 10.3	–19 50 53.3					C IV 1549							
2153–204	PKS	21 53 47.1	21 56 33.71	17.01	.14	–.90	1.31 +	C IV 1549		051	051		023	051	954sp,477fc,
R		–20 26 49.0	–20 12 31.8					C III 1909			477		1527		1485ubv
								Mg II 2798					1976		
2154–204		21 54 0	21 56 46.56				1.882				1400				
O		–20 24 0	–20 9 42.3												
2154–212		21 54 5.9	21 56 53.06	19.45			(0.55)			477	477				
O		–21 17 43	–21 3 25.1												
2154–180	MD5:20	21 54 7.91	21 56 52.84	18.7			2.98	H I 1216		1948	1948				1948phot mag
O		–18 0 27.3	–17 46 9.4												
2154–194		21 54 11.0	21 56 56.89	20			(0.42)			477	477				
O		–19 26 31.5	–19 12 13.5												
2154–184	PKS	21 54 12.11	21 56 57.34	19.80			0.668	Ne V 3345		1016	1997				1997Bmag
R		–18 28 4.8	–18 13 46.7					Ne V 3426							
								O II 3727							
								NeIII 3869							
								O III 4363							
								H I 4861							
								O III 4959							
								O III 5007							
2154–199	MD5:21	21 54 13.17	21 56 59.40	19.5			2.54	H I 1216		1948	1948				1948phot mag
O		–19 56 52.5	–19 42 34.4					O IV 1402							
2154–200	MD5:22	21 54 19.66	21 57 5.98	18.3			2.014	C IV 1549		467	467				477fc
O		–20 5 30.8	–19 51 12.4					C III 1909		1948	477				
										2210	1400				
											1948				
											2210				
2154–183	MD5:23	21 54 25.43	21 57 10.59	18.7			2.07	H I 1216		1948	1948				1948phot mag
O		–18 22 58.9	–18 8 40.3					C IV 1549							
2154–186	MD5:24	21 54 35.62	21 57 20.92	19.2			2.32	H I 1216		1948	1948				1948phot mag
O		–18 37 27.2	–18 23 8.2					C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2154−205	MD5:25	21 54 37.16	21 57 23.74	18.8			1.95	H I 1216		1948	1948				1948phot mag
O		−20 31 13.6	−20 16 54.5												
2154−191		21 54 38.0	21 57 23.65	17.90			1.631	N V 1240		477	1400				
O		−19 8 44	−18 54 24.9					C IV 1549							
								C III 1909							
2154−210		21 54 38.1	21 57 25.07	17.6			0.570			2274	2274				
O		−21 5 26	−20 51 6.9												
2154−197		21 54 40.5	21 57 26.52	18.5			0.154			2274	2274				
O		−19 42 2	−19 27 42.8												
2154−325	PKS	21 54 42.08	21 57 37.71	18.62	−.35	−1.10	1.812	H I 1216		025	1251		384		1485ubv
R		−32 33 43.4	−32 19 24.0					N V 1240							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
								C III 1909							
2154−183	PKS	21 54 43.93	21 57 29.04	20.60			1.423	C III 1909		477	1997				1997Bmag
R		−18 21 21.8	−18 7 2.5					Mg II 2798							
2154−180	MD5:26	21 54 44.49	21 57 29.38	19.1			2.18	H I 1216		1948	1948				1948phot mag
O		−18 1 41.4	−17 47 22.1					C IV 1549							
2154+100	MC 2	21 54 44.6	21 57 12.24	17.7			0.761	C III 1909		020	019		1111		
R		10 0 5.1	10 14 23.9					Mg II 2798					1888		
2154−205	PKS	21 54 49.29	21 57 35.86	18.4			2.000*	H I 1216	1.914		1251		477	1251	
R		−20 32 6.7	−20 17 47.2					N V 1240						2228	
								Si IV 1397						2263	
								O IV 1402							
								C IV 1549							
								He II 1640							
2154−188		21 54 52.1	21 57 37.51	16.6			0.139			2274	2274				
O		−18 49 17	−18 34 57.4												
2154−345	A09.44	21 54 56.5	21 57 53.83	17.2			1.88			2277	2277				
		−34 35 12	−34 20 52.0												
2154−210		21 54 57.3	21 57 44.24	19.5			0.41			477	477				
O		−21 5 4.1	−20 50 44.3							2210	2210				
2154−170		21 54 59.7	21 57 43.96	19.55			0.36			477	477				
O		−17 5 40.2	−16 51 20.4												
2155−152	OX 192	21 55 23.1	21 58 6.14	17.5 *			0.672+	Mg II 2798		713	1861	970	837	1984	781ir,
R	PKS	−15 15 21	−15 1 0.3					O II 3727			1984	2054	1145		1526vlbi,1200,
								H I 3889					1200		1626,2103pol,
								H I 4102					1557		458sp,936rvar,
								H I 4340					1861		1789mm,025fc,
								H I 4861					1961		2112x
								O III 4959							
								O III 5007							
2155−216	MD5:27	21 55 38.44	21 58 25.70	18.7			2.10	H I 1216		1948	1948				1948phot mag
O		−21 39 35.1	−21 25 13.7					C IV 1549							
2155−174	MD5:28	21 55 40.0	21 58 24.46	18.85			2.005			477	1400				
O		−17 28 58.8	−17 14 37.5							1948	477				
											1948				
2155−302		21 55 40.4	21 58 33.99	18.9			2.20	H I 1216		1439	1439				
O		−30 14 27	−30 0 5.4					C IV 1549							
2155+034		21 55 51.2	21 58 22.83	19.0			1.9	H I 1216		1439	1439				
O		3 29 33	3 43 54.4												
2155−174	MD5:29	21 55 54.72	21 58 39.13	18.7			2.22	H I 1216		1948	1948				1948phot mag
O		−17 26 5.6	−17 11 43.7					C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2155-304 BL Lac X R	PKS H	21 55 58.23 -30 27 53.4	21 58 51.95 -30 13 31.2	13.58*	.35	-.73	*		0.1	668 706		696 1902 2209	1200 1367 1481 1615 1961	1460 2263	699,1626,1988, 2062pol,891, 1348,1905uv, 1050,1958ubv, 1267,1343, 1633,1703xvar, 668,696,1088, 1198,1306, 1542,1936, 2107,2112x, 781,886,1012, 1141ir,1046, 1050,1199, 1812sp,1164, 1982mf,1004fc, 1526vlbi,1588, 1817uvvar, 2226imag, 1898pos 0.117zgal,1199 Xray absorp at 600eV,1460; IRAS source, 1806; 1902avg Bmag
2156-211 O		21 56 2.1 -21 11 25.4	21 58 49.00 -20 57 3.2	20			(0.45)			477	477				
2156-183 O		21 56 4.7 -18 19 14	21 58 49.68 -18 4 51.7	18.4			0.360			2274	2274				
2156-348	A09.51	21 56 6.4 -34 52 16	21 59 3.78 -34 37 53.4	19.2			2.21			2277	2277				
2156-196 C	QSM7:28	21 56 12.4 -19 41 53	21 58 58.28 -19 27 30.4	20.38		-.16	0.832	Mg II 2798		2058	2058				2058Bmag, 2058ubv
2156-191 O		21 56 12.8 -19 6 11.5	21 58 58.28 -18 51 48.9	19.9			1.631	N V 1240 C IV 1549 C III 1909		477	1400				
2156-194 C	QSM7:46	21 56 15.8 -19 29 36	21 59 1.54 -19 15 13.3	20.56		-.34	0.725	Mg II 2798		2058	2058				2058Bmag, 2058ubv
2156-191 O		21 56 25.8 -19 10 35.7	21 59 11.31 -18 56 12.6	19.55			(2.39)			477	477				
2156+297 R	4C 29.64 VR29.21.03 B2 CTD 133 DW OX 294	21 56 27.71 29 44 47.0	21 58 41.97 29 59 9.4	17.5 *			1.759	H I 1216 N V 1240 C IV 1549 He II 1640 O III 1663 C III 1909		033	032 2049 2281	1201	128 462 774 1818 1891		1201pol,831sp, 139fc,1513elp, 2049noabs
2156-194 C	QSM7:42	21 56 29.4 -19 28 22	21 59 15.10 -19 13 58.8	19.76		-.80	1.671	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
2156-186 C	QSM8:35	21 56 32.6 -18 39 48	21 59 17.76 -18 25 24.7	19.89		-.55	1.500	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
2156-215 O	MD5:30	21 56 44.06 -21 34 53.0	21 59 31.16 -21 20 29.2	19.3			2.96	H I 1216		1948	1948				1948phot mag
2156-193 C	QSM7:61	21 56 46.8 -19 19 26	21 59 32.38 -19 5 2.1	20.69		-.11	1.959			2058	2058				2058Bmag, 2058ubv
2156-210 O	MD5:31	21 56 47.15 -21 4 47.9	21 59 33.91 -20 50 24.0	19.3			2.90	H I 1216		1948	1948				1948phot mag
2156-204 O	MD5:32	21 56 48.87 -20 26 23.7	21 59 35.19 -20 11 59.8	18.5			1.89	H I 1216 C IV 1549		477 1948	1948				1630imag
2156-208 O		21 56 55.3 -20 48 59.5	21 59 41.86 -20 34 35.3	19.55			(0.21)			477	477				
2156-359	A09.60	21 56 56.2 -35 57 10	21 59 54.39 -35 42 45.5	17.0			1.8			2277	2277				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2156-176	MD5:33	21 56 56.81	21 59 41.26	19.3			1.82	H I 1216		477	1948				
O		-17 37 24.2	-17 23 0.0					C IV 1549		1948					
								He II 1640							
2156-194	MD5:34	21 56 59.63	21 59 45.26	19.2			1.88	H I 1216		1948	1948				1948phot mag
O		-19 25 49.4	-19 11 25.1												
2156-172	MD5:35	21 56 59.88	21 59 44.11	18.9			2.58	H I 1216		1948	1948				1948phot mag
O		-17 17 26.4	-17 3 2.1												
2157-187	QSM8:28	21 57 1.7	21 59 46.89	19.78		-.83	1.424	C IV 1549		477	2058				
O		-18 45 32.3	-18 31 7.9					C III 1909		2058					
2157-194	QSM7:63	21 57 4.1	21 59 49.72	19.93		-.55	1.368			2058	2058				2058Bmag,
C		-19 25 36	-19 11 11.5												2058ubv
2157-302		21 57 5.9	21 59 59.28	18.4			1.9	H I 1216		1439	1439				
O		-30 14 52	-30 0 27.3												
2157-192	QSM8:58	21 57 6.6	21 59 52.08	19.67		-.73	1.896	C IV 1549		2058	2058				2058Bmag,
C		-19 12 43	-18 58 18.4												2058ubv
2157-198	QSM7:13	21 57 8.6	21 59 54.49	18.81		-.52	1.884			2058	2058				2058Bmag,
C		-19 50 22	-19 35 57.3												2058ubv
2157-185	QSM8:26	21 57 14.4	21 59 59.46	18.89		-.31	0.849	Mg II 2798		2058	2058				2058Bmag,
C		-18 35 28	-18 21 3.1												2058ubv
2157-196	QSM7:33	21 57 16.6	22 0 2.37	18.86		-.61	1.206	C III 1909		2058	2058				2058Bmag,
C		-19 40 10	-19 25 45.0												2058ubv
2157-213		21 57 18.4	22 0 5.32	19.77			1.93			477	477				
O		-21 23 29.9	-21 9 4.8												
2157-200	PKS	21 57 21.85	22 0 7.83	18.5 *			1.198	C III 1909		026	418	477	477		477fc
R	MD5:36	-20 0 14.0	-19 45 48.8					Mg II 2798		1948	477		1527		
											1400				
											1948				
2157-175	MD5:37	21 57 27.63	22 0 11.99	19.3			2.85	H I 1216		1948	1948				1948phot mag
O		-17 32 41.3	-17 18 16.0												
2157-189	QSM8:17	21 57 31.6	22 0 16.86	19.81		-.30	1.440	C IV 1549		2058	2058				2058Bmag,
C		-18 55 49	-18 41 23.5					C III 1909							2058ubv
2157-133	NGC 7171	21 57 34.61	22 0 16.34	17.6			0.71	C III 1909		206	206		1162		1.27 arcmin
C	BSO 1	-13 23 30.1	-13 9 4.6					MgVII 2513							from IC 1417,
R								Mg II 2798							13.17 arcmin
								H I 4340							from IC 7171,
								O III 5007							2118
2157-207	MD5:38	21 57 37.60	22 0 24.06	19.4			1.91	H I 1216		1948	1948				1948phot mag
O		-20 45 39.9	-20 31 14.2												
2157-352	A09.09	21 57 38.8	22 0 36.27	17.2			2.70			2277	2277				
		-35 16 45	-35 2 19.0												
2157-180		21 57 45.2	22 0 29.89	18.6			0.38			477	477				
O		-18 5 22.6	-17 50 56.6												
2157-178		21 57 45.7	22 0 30.26	18.4			0.140			2274	2274				
O		-17 53 15	-17 38 49.0												
2157-195	QSM7:04	21 57 46.5	22 0 32.16	20.22		-.52	1.142	C III 1909		2058	2058				2058Bmag,
C		-19 34 51	-19 20 24.9												2058ubv
2158-214		21 58 8.2	22 0 55.09	18.15			2.079+	H I 1216		467	467			467	761,1304,
O		-21 28 18	-21 13 51.1					N V 1240			477				1400sp,477fc
								Si II 1263							
								O I 1304							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
								C III 1909							
2158-189	QSM8:02	21 58 14.2	22 0 59.39	17.6		-.25	0.693	Mg II 2798		1400	1400				
O		-18 55 49	-18 41 21.9							2058	2058				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2158−179 O	MD5:39	21 58 20.71 −17 54 31.2	22 1 5.23 −17 40 3.9	18.9			2.266	H I 1216 C IV 1549		477 1948	1400 477 1948				
2158−186 C	QSM8:23	21 58 24.2 −18 41 33	22 1 9.23 −18 27 5.6	19.68		−.34	0.920	Mg II 2798		2058	2058				2058Bmag, 2058ubv
2158−327	A09.31	21 58 26.0 −32 46 11	22 1 21.21 −32 31 43.3	18.1			2.13			2277	2277				
2158−190 C	QSM8:10	21 58 29.9 −19 3 1	22 1 15.15 −18 48 33.4	20.09		−1.14	1.240	C III 1909		2058	2058				2058Bmag, 2058ubv
2158−211 O	MD5:40	21 58 31.32 −21 10 39.9	22 1 17.97 −20 56 12.2	19.0			1.95	H I 1216 C IV 1549		1948	1948				1948phot mag
2158−203 O		21 58 35.1 −20 20 57.5	22 1 21.20 −20 6 29.7	19.4			(2.27)			477	477				
2158−195 C	QSM7:07	21 58 35.9 −19 31 3	22 1 21.45 −19 16 35.1	20.02		−.37	1.670	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
2158−194 C	QSM7:02	21 58 39.7 −19 28 39	22 1 25.22 −19 14 11.0	19.42		−.21	0.234			2058	2058				2058Bmag, 2058ubv, 2058neml
2158−169 O		21 58 48.5 −16 57 40.5	22 1 32.38 −16 43 12.2	19.45			(2.30)			477	477				
2158+101 R	MC 2 4C 10.67	21 58 48.94 10 9 19.5	22 1 16.67 10 23 47.4	17.7			1.729	H I 1216 C IV 1549 He II 1640 O III 1663 C III 1909 Mg II 2798		020	019 436 2049 2281		789 1395 1818 1891 1976		1818pos, 2049noabs
2158−169 O		21 58 50 −16 57 28	22 1 33.88 −16 42 59.7	18.4			0.475			477 2210	477 2210 2274				
2158−339	A09.14	21 58 55.1 −33 59 5	22 1 51.24 −33 44 36.2	18.0			2.21			2277	2277				
2159−191 C	QSM4:18	21 59 5.7 −19 6 20	22 1 50.93 −18 51 51.1	18.37		−.41	0.364	Mg II 2798		2058	2058 LBQS				2058Bmag, 2058ubv
2159−163 O	MD5:41	21 59 9.99 −16 19 34.8	22 1 53.44 −16 5 5.8	18.6			1.75	C III 1909		1948	1948				1948phot mag
2159−196 C	QSM5:09	21 59 11.6 −19 39 7	22 1 57.18 −19 24 37.8	19.83		−.13	0.807	Mg II 2798		2058	2058				2058Bmag, 2058ubv
2159−186 C	QSM4:31	21 59 14.7 −18 41 47	22 1 59.66 −18 27 17.7	20.71		−.30	0.437			2058	2058				2058Bmag, 2058ubv, 2058neml
2159−332	A09.24	21 59 19.6 −33 17 50	22 2 15.09 −33 3 20.3	17.0			1.51			2277	2277				
2159−186 O	MD5:42	21 59 20.3 −18 38 13.3	22 2 5.21 −18 23 43.8	19.4			2.33	LYB 1026 H I 1216 C IV 1549		477 1948	1948				z in 477 differs (1.65)
2159−195 C	QSM5:01	21 59 20.6 −19 32 30	22 2 6.10 −19 18 0.5	20.37		−.70	1.412	C III 1909		2058	2058				2058Bmag, 2058ubv
2159−194 O	QSM5:27	21 59 23.9 −19 26 17	22 2 9.32 −19 11 47.4	18.18		−.52	1.173	C III 1909 Mg II 2798		467 2058	167 477 1400 2058 2210				761,1304sp, 477fc,1203ubv
2159−195 C	QSM5:02	21 59 24.1 −19 32 48	22 2 9.59 −19 18 18.4	20.71		−.55	2.024	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
2159−181 O	MD5:43	21 59 24.91 −18 10 29.9	22 2 9.52 −17 56 0.3	19.3			2.65	H I 1216 O IV 1402		1948	1948				1948phot mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2159–188 C	QSM4:28	21 59 26.3 –18 49 42	22 2 11.33 –18 35 12.3	19.57		–.45	1.578	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
2159–195 C	QSM5:45	21 59 30.7 –19 31 46	22 2 16.17 –19 17 16.2	19.06		–.68	0.728	Mg II 2798		2058	2058				2058Bmag, 2058ubv
2159–188 C	QSM4:20	21 59 40.8 –18 50 10	22 2 25.81 –18 35 39.8	19.75		–.52	1.155	C III 1909		2058	2058				2058Bmag, 2058ubv
2159–187 C	QSM4:35	21 59 40.8 –18 46 19	22 2 25.77 –18 31 48.8	19.86		–.66	0.815	Mg II 2798		2058	2058				2058Bmag, 2058ubv
2159–192 C	QSM5:42	21 59 44.7 –19 16 22	22 2 29.99 –19 1 51.7	18.83		–.32	1.045	C III 1909		2058	2058				2058Bmag, 2058ubv
2159–364	A09.65	21 59 44.8 –36 24 42	22 2 42.89 –36 10 11.4	18.0			2.01			2277	2277				
2159–194 C	QSM5:43	21 59 47.4 –19 27 15	22 2 32.80 –19 12 44.6	20.74		–.45	0.812	Mg II 2798		2058	2058				2058Bmag, 2058ubv
2159–209 O		21 59 48.7 –20 58 55	22 2 35.10 –20 44 24.5	18.4			2.120+			2274	2274				
2159–191 C	QSM4:10	21 59 49.5 –19 10 27	22 2 34.72 –18 55 56.5	20.62		–.13	1.493	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
2159–175 R	PKS	21 59 50.2 –17 30 58.8	22 2 34.35 –17 16 28.3	19.0			2.43			1016	1016		1016 2162		
2159–172 O		21 59 58 –17 12 9	22 2 41.94 –16 57 38.2	19.3			(0.31)			477	477				
2159–190 C	QSM4:05	21 59 59.4 –19 3 24	22 2 44.53 –18 48 53.1	20.75		–.68	1.622	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
2200–196 C	QSM5:15	22 0 4.2 –19 38 12	22 2 49.69 –19 23 40.9	20.54		–.55	1.903	C IV 1549		2058	2058				2058Bmag, 2058ubv
2200–196 C	QSM5:31	22 0 6.2 –19 41 11	22 2 51.72 –19 26 39.9	20.66		–.71	2.042	C IV 1549		2058	2058				2058Bmag, 2058ubv
2200–238 R	PKS	22 0 7.75 –23 49 42.1	22 2 56.03 –23 35 10.8	18.5			2.118	H I 1216 N V 1240 Si II 1263 O I 1304 C II 1335 C IV 1549 He II 1640 C III 1909		011	493		1518		761,1304sp, 1305ir, 1526vlbi
2200–185 C	QSM4:54	22 0 13.8 –18 34 44	22 2 58.60 –18 20 12.6	20.48		–1.28	1.713	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
2200–182 O		22 0 14.8 –18 14 33.0	22 2 59.38 –18 0 1.6	19.55			1.59			477	477				
2200–217 O		22 0 19.3 –21 46 6.8	22 3 6.17 –21 31 35.2	20			0.28			477	477				
2200–182 O	MD5:44	22 0 27.00 –18 16 14.3	22 3 11.58 –18 1 42.4	15.3			1.16	C IV 1549		1948	1948				1948phot mag
2200–198 C	QSM5:30	22 0 28.8 –19 52 24	22 3 14.41 –19 37 52.1	20.43		–.85	1.277	C III 1909		2058	2058				2058Bmag, 2058ubv
2200–203 O		22 0 32.1 –20 19 52	22 3 18.00 –20 5 19.9	18.4			0.671			2274	2274				
2200–194 C	QSM5:36	22 0 35.6 –19 29 37	22 3 20.95 –19 15 4.8	20.74		–.50	1.165	C III 1909		2058	2058				2058Bmag, 2058ubv
2200–179 O		22 0 39 –17 59 13	22 3 23.39 –17 44 40.7	18.55			(0.34)			477	477				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2200+420 BL Lac R X	BL LAC VR42.22.01 OY 401	22 0 39.37 42 2 8.5	22 2 43.30 42 16 39.8	15.14*	.97	−.10				714	553 636	754 755 970 1068 1142 1383 1657 1791 1802 1932 1933 1946 2054 2073 2271	837 898 907 934 967 988 1017 1074 1084 1127 1128 1152 1160 1212 1229 1367 1535 1543 1544 1557 1587 1771 1792 1807 1930 2070	636	323,642,703, 856,877,1038, 1087,1098, 1163,1541, 1626,1694, 1730,1988, 2046,2062, 2103pol,801, 879,887,936, 973,1336,1378, 1721rvar, 1348uv,1280, 1466,1526, 1862,2096vlbi, 781,1141,1144, 1256,1580, 1782ir,1164, 1357,1971, 2098mf,1027, 1028,1789mm, 1045,1536ext, 856,1013,1056, 1643,1939phot, 899,1388, 2041rpol,668, 829,1088,2107, 2112x,749pos, 553,662,720sp, 323,662, 665ubv, 1805mmvar 0.0688zgal,553 IRAS source, 1806;super- luminal source 2096 1827,448, 1845;
2200−188 C	QSM4:57	22 0 44.5 −18 49 31	22 3 29.41 −18 34 58.5	19.86		−.50	1.288	C III 1909		2058	2058				2058Bmag, 2058ubv
2200−187 C	QSM4:59	22 0 48.2 −18 42 14	22 3 33.03 −18 27 41.4	20.75		−.30	0.210			2058	2058				2058Bmag, 2058ubv, 2058neml
2200−198 C	QSM5:25	22 0 50.5 −19 49 40	22 3 36.05 −19 35 7.3	19.64		−.49	1.168	C III 1909		2058	2058				2058Bmag, 2058ubv
2200−164 O	MD5:45	22 0 50.67 −16 29 27.3	22 3 34.10 −16 14 54.6	18.9			2.07	H I 1216		1948	1948				1948phot mag
2200−205 O		22 0 51.5 −20 30 30.7	22 3 37.49 −20 15 57.9	19.8			(0.81)			477	477				4.25 arcmin from NGC 7188, 2118
2200−199 O	MD5:46	22 0 54.49 −19 58 17.5	22 3 40.12 −19 43 44.6	18.0			1.260	C IV 1549 C III 1909		1948	1948 LBQS				1948phot mag
2200−197 C	QSM5:23	22 0 57.1 −19 45 12	22 3 42.59 −19 30 39.0	19.66		−.47	1.982	C IV 1549		2058	2058				2058Bmag, 2058ubv
2200−195 C	QSM5:19	22 0 58.0 −19 30 36	22 3 43.33 −19 16 3.0	19.43		−.10	2.028	C IV 1549		2058	2058				2058Bmag, 2058ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2201+315 R X	4C 31.63 GC B2	22 1 1.46 31 31 6.0	22 3 15.00 31 45 38.3	15.79*	.09	–.76	0.297	Mg II 2798 O II 3727 NeIII 3869 H I 4102 H I 4340 H I 4861 O III 5007 H I 6563	0.282	033	044 009 032 285	2054	128 462 774 837 1152 1161 1171 1557 1807	285 2228	705,1055,1202, 2103pol,1194, 1223,1362ext, 1320rpol,1119, 1336rvar,799, 1319,1617, 2021ir,1355, 1628,1693, 1941,2061uv, 1194,1207, 1261,1700imag, 285,1337, 1451ubv,1183, 1241x,776,831, 958,1032, 1922sp,1028mm, 749pos, 1526vlbi 958,1319strong FeIIem; 1902avg Bmag; faint gals near,2118
2201+171 R X	MC 3 PKS GC	22 1 2.9 17 11 19	22 3 26.45 17 25 51.6	18.8 *			1.075	C III 1909 Mg II 2798		634	019	634	1086 1367		900,1201pol, 1088x,781ir, 1526vlbi, 1852phot
2201–189 C	QSM4:44	22 1 9.1 –18 57 8	22 3 54.06 –18 42 34.6	19.90		–.22	0.615	Mg II 2798		2058	2058				2058Bmag, 2058ubv
2201–335	A09.15	22 1 10.6 –33 33 20	22 4 6.00 –33 18 46.3	18.2			1.98			2277	2277				
2201–191 C	QSM4:48	22 1 15.0 –19 6 20	22 4 0.05 –18 51 46.4	20.69		–.14	1.654	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
2201–185 O		22 1 16.8 –18 34 15	22 4 1.50 –18 19 41.4	18.38		–.75	1.829+	Si IV 1397 C IV 1549 N III 1750 C III 1909		1203	1203 1400				1203BAL
2201–171 O		22 1 22.0 –17 7 1.6	22 4 5.78 –16 52 27.8	19.7			(2.43)			477	477				
2201–189 C	QSM4:46	22 1 24.2 –18 58 4	22 4 9.15 –18 43 30.1	20.74		–1.09	1.921	C IV 1549		2058	2058				2058Bmag, 2058ubv
2201–165 O	MD5:47	22 1 30.61 –16 30 26.3	22 4 14.00 –16 15 52.2	19.1			2.86	H I 1216		1948	1948				1948phot mag
2201–202 O	MD5:48	22 1 33.34 –20 13 52.4	22 4 19.08 –19 59 18.1	18.25			2.174	H I 1216 C IV 1549		477 1948	1400 477 1948				
2201–211 O		22 1 33.5 –21 11 42.0	22 4 19.87 –20 57 7.7	19.8			(0.23)			477	477				1207,1261imag
2201–176 O		22 1 35.5 –17 36 9.8	22 4 19.57 –17 21 35.5	19.3			2.27			477	477				
2201–361	A09.62	22 1 39.0 –36 7 30	22 4 36.48 –35 52 55.3	18.4			1.54			2277	2277				
2201–194 C	QSM6:01	22 1 51.3 –19 26 50	22 4 36.51 –19 12 15.1	20.24		–.80	2.086	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
2201–188 C	QSM3:43	22 1 59.4 –18 48 26	22 4 44.19 –18 33 50.8	20.14		–.58	0.969	C III 1909 Mg II 2798		2058	2058				2058Bmag, 2058ubv
2201–190 C	QSM3:41	22 1 59.6 –19 5 29	22 4 44.57 –18 50 53.8	20.60		–.57	1.123	C III 1909		2058	2058				2058Bmag, 2058ubv
2202–190 C	QSM3:36	22 2 1.5 –19 1 46	22 4 46.43 –18 47 10.8	20.60		–.57	0.873	Mg II 2798		2058	2058				2058Bmag, 2058ubv
2202–196 C	QSM6:07	22 2 3.5 –19 39 9	22 4 48.82 –19 24 33.7	19.29		–.42	0.842	Mg II 2798		2058	2058				2058Bmag, 2058ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2202-189	QSM3:06	22 2 9.3	22 4 54.16	19.63		−.39	2.094	H I 1216		2058	2058				2058Bmag,
C.		−18 56 32	−18 41 56.5					C IV 1549							2058ubv
2202-202		22 2 9.7	22 4 55.41	19.8			(0.41)			477	477				
O		−20 16 37.3	−20 2 1.7												
2202-193	QSM6:18	22 2 13.0	22 4 58.11	19.53		−.25	0.184			2058	2058				2058Bmag,
C		−19 19 55	−19 5 19.3												2058ubv,
															2058neml
2202-187	QSM3:11	22 2 17.1	22 5 1.84	20.71		−.82	1.473	C IV 1549		2058	2058				2058Bmag,
C		−18 46 2	−18 31 26.2					C III 1909							2058ubv
2202-186	MD5:49	22 2 20.81	22 5 5.45	19.5			1.77	H I 1216		1948	1948				1948phot mag
O		−18 36 35.7	−18 21 59.8					C IV 1549							
2202-201		22 2 29.1	22 5 14.69	19.5			2.180+	N V 1240		477	1400				1400BAL
O		−20 7 43.8	−19 53 7.6					Si IV 1397			477				
								O IV 1402							
								C IV 1549							
								C III 1909							
2202-207	MD5:50	22 2 30.44	22 5 16.43	19.1			1.59	C IV 1549		1948	1948				1948phot mag
O		−20 45 24.1	−20 30 47.8					C III 1909							
2202-197	QSM6:38	22 2 34.1	22 5 19.44	20.58		−.81	0.976	C III 1909		2058	2058				2058Bmag,
C		−19 45 6	−19 30 29.6												2058ubv
2202-185	MD5:51	22 2 35.67	22 5 20.24	18.81		−.71	1.812	C IV 1549		467	1400				761,1304sp,
O		−18 32 0.8	−18 17 24.4					C III 1909		1203	467				477fc,1203ubv
										1948	477				
											1948				
2202-346	A09.23	22 2 40.2	22 5 36.27	18.7			2.87			2277	2277				
		−34 40 41	−34 26 4.1												
2202-174		22 2 44.2	22 5 28.06	17.9			0.141			2274	2274				
O		−17 24 34	−17 9 57.3												
2202-177	MD5:53	22 2 48.90	22 5 32.96	19.05			2.194	H I 1216		477	1400				
O		−17 45 22.2	−17 30 45.3					C IV 1549		1948	477				
											1948				
2202-189	F9.22	22 2 54.1	22 5 38.93	18.82	.29		0.850	C III 1909		978	978				978ubv
O	QSM3:21	−18 59 36.3	−18 44 59.2					Mg II 2798		2058	2058				
2202-175	MD5:54	22 2 57.60	22 5 41.55	18.3			2.21	H I 1216		1948	1948				1948phot mag
O		−17 35 17.0	−17 20 39.8					C IV 1549							
2203-187	F13.18	22 3 1.7	22 5 46.38	18.27	.34		0.627	Mg II 2798		978	978				978ubv
O	QSM3:01	−18 46 27.4	−18 31 50.0							2058	2058				
2203-217		22 3 4.8	22 5 51.38	18.4			2.273			2274	2274				
O		−21 45 13	−21 30 35.5												
2203-196	QSM6:24	22 3 6.3	22 5 51.56	20.06		−.34	0.446	Mg II 2798		2058	2058				2058Bmag,
C		−19 41 57	−19 27 19.5												2058ubv
2203-179	MD5:55	22 3 10.89	22 5 55.03	18.4			2.49	H I 1216		1948	1948				1948phot mag
O		−17 55 21.2	−17 40 43.5												
2203-186	QSM3:16	22 3 15.6	22 6 0.16	20.30		−.39	(1.179)	C III 1909		2058	2058				2058Bmag,
C		−18 36 30	−18 21 52.1												2058ubv
2203-204		22 3 16.5	22 6 2.23	19.75			2.796	H I 1216		477	1400				
O		−20 28 6.6	−20 13 28.7					N V 1240			477				
								C IV 1549							
2203-188	G11.09	22 3 17.9	22 6 2.63	19.74	.76		1.665	C IV 1549		978	978				978ubv
O		−18 52 55.2	−18 38 17.3					C III 1909							
2203-197	QSM6:28	22 3 19.2	22 6 4.48	20.35		−.98	2.116	H I 1216		2058	2058				2058Bmag,
C		−19 45 34	−19 30 56.0					C IV 1549							2058ubv
2203-205		22 3 19.4	22 6 5.17	19.9			(2.42)			477	477				
O		−20 32 9.0	−20 17 31.0												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2203–192 C	QSM3:20	22 3 20.8 –19 13 38	22 6 5.74 –18 58 60.0	20.79		–.88	0.331			2058	2058				2058Bmag, 2058ubv, 2058neml
2203–176 O	MD5:56	22 3 22.13 –17 39 38.4	22 6 6.09 –17 25 0.3	19.3			1.59	C IV 1549		1948	1948				1948phot mag
2203–188 R	PKS G12.01 OY 106 QSM3:05	22 3 25.73 –18 50 18.1	22 6 10.42 –18 35 39.9	18.50	.43	–.37	0.619	Mg II 2798 O II 3727 H I 4340 O III 4363 O III 4959 O III 5007		057 2058	1984 978 1304 2058		477 978 1527		978fc,978ubv, 761,2229sp, 1305ir, 1526vlbi, 1789mm, 1810pos, 2103pol
2203–198 C	QSM6:22	22 3 26.4 –19 52 52	22 6 11.74 –19 38 13.8	20.42		–.24	1.046	C III 1909		2058	2058				2058Bmag, 2058ubv
2203–195 C	QSM6:46	22 3 27.4 –19 34 34	22 6 12.55 –19 19 55.7	20.53		–.93	0.972	C III 1909		2058	2058				2058Bmag, 2058ubv
2203–194 C	QSM6:10	22 3 27.8 –19 26 50	22 6 12.87 –19 12 11.7	19.55		–.83	0.976	C III 1909		2058	2058				2058Bmag, 2058ubv
2203–193 C	QSM6:15	22 3 30.1 –19 20 1	22 6 15.09 –19 5 22.6	19.46		–.47	0.649	Mg II 2798		2058	2058				2058Bmag, 2058ubv
2203–193 O	MD5:57	22 3 34.59 –19 21 21.0	22 6 19.59 –19 6 42.5	19.1			2.33	H I 1216 C IV 1549		1948	1948				1948phot mag
2203–202 O		22 3 39.5 –20 12 18.8	22 6 25.03 –19 57 40.1	20			(0.20)			477	477				
2203–356	A09.57	22 3 41.8 –35 41 0	22 6 38.53 –35 26 21.0	19.5			3.25			2277	2277				
2203–198 O	MD5:58 QSM6:21	22 3 46.11 –19 50 45.8	22 6 31.40 –19 36 6.9	19.3		–1.36	1.363	C III 1909		477 1948 2058	477 2058				z in 1948 differs (2.04)
2203+292 S R		22 3 47.03 29 15 23.9	22 6 2.71 29 30 2.1	22.0			4.399*	LYB 1026 O VI 1034 H I 1216 N V 1240 O I 1304 Si II 1307 O IV 1402 C IV 1549	4.402 4.371 4.359 4.296 3.93 3.45 3.37	1838	1886 1838		1838	1886	2014sp,2014fc 51 arcsec from radio gal 3C 441,0.707zgal, 1838,2118; Ly limit abs,1886 7 arcsec from anon gal,0.202 zgal,1886;
2203–215 R	PKS	22 3 55.05 –21 34 21.9	22 6 41.43 –21 19 42.6	17.70			0.576	Mg II 2798 O II 3727 NeIII 3869 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		477	1997 LBQS				1997Bmag
2203–185 O		22 3 55.2 –18 33 26	22 6 39.67 –18 18 46.8	18.4			2.728			2274	2274				
2203–178 O		22 3 59.8 –17 51 28.1	22 6 43.83 –17 36 48.7	19.8			(2.08)			477	477				
2204–409 X	1E	22 4 3.1 –40 59 16.9	22 7 4.56 –40 44 37.0	19.8			0.231	H I 4861 O III 5007		1416	1416				
2204–214 O	MD5:59	22 4 4.06 –21 24 45.3	22 6 50.32 –21 10 5.7	19.0			2.29	H I 1216 C IV 1549		1948	1948				1948phot mag
2204–173 O		22 4 4.3 –17 22 6.9	22 6 48.02 –17 7 27.4	20			(1.81)			477	477				
2204–205 O	MD5:60	22 4 12.57 –20 32 6.2	22 6 58.26 –20 17 26.3	19.4			1.798	H I 1216 C IV 1549 C III 1909		467 1948	467 477 1400 1948				477fc

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2204-187 O	MD5:61	22 4 16.22 -18 44 49.2	22 7 0.78 -18 30 9.2	19.2			1.46	C IV 1549		1948	1948				1948phot mag
2204+468 X	1E	22 4 26 46 50 4	22 6 25.50 47 4 43.2	19.7	1.10		0.163	H I 4861 O III 5007		1417	1417				1417x
2204-540 R	PKS	22 4 26.15 -54 1 14.3	22 7 43.62 -53 46 33.3	18			1.206	C III 1909 Mg II 2798		420	1304				761sp, 1526vlbi, 1898pos, 2103pol ref 058 z is incorrect,1898
2204-573 R	PKS	22 4 30.4 -57 22 15	22 7 53.67 -57 7 33.7	17.36	.14	-.33	2.725+	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 He II 1640		422	418		1519	418	761sp,780, 1617ir, 1485ubv Ly alpha abs, 1870
2204-191 O	MD5:62	22 4 32.24 -19 11 37.2	22 7 17.05 -18 56 56.7	17.88*		-.87	1.067	C III 1909 Mg II 2798		467 1203	467 477 1400	477			761,1304sp, 477fc,1203ubv z in 1948 differs (1.55)
2204-408 O X R		22 4 33 -40 51 35	22 7 34.23 -40 36 54.1	17.57	1.19	-.03	3.170*	O VI 1034 H I 1216 N V 1240 Si II 1263 O I 1304 Si IV 1397 O IV 1402 C IV 1549	3.1580 2.8500 2.8375 2.6280 1.8145	431	431 478		846 904	911 1994 2059 2125 2228 2263	886,1847ir, 786,1941uv, 912,1488x,597, 1138sp, 1485ubv Ly abs 2156
2204-179 O	MD5:63	22 4 39.48 -17 54 35.0	22 7 23.49 -17 39 54.2	19.4			2.11	H I 1216 C IV 1549		1948	1948				1948phot mag
2204-188 O	MD5:64	22 4 41.35 -18 53 14.3	22 7 25.96 -18 38 33.4	19.4			1.94	H I 1216		1948	1948				1948phot mag
2204-176 O	MD5:65	22 4 42.58 -17 37 46.3	22 7 26.41 -17 23 5.4	19.3			2.82	H I 1216		1948	1948				1948phot mag
2204-208 R	PKS	22 4 48.08 -20 53 17.6	22 7 33.93 -20 38 36.5	20.26			1.923	H I 1216 N V 1240 C IV 1549 Mg II 2798		1527	1997				1997Bmag
2204-207 O		22 4 49.7 -20 43 53	22 7 35.45 -20 29 11.8	17.9			1.689			2274	2274				
2204-162 O	MD5:66	22 4 54.01 -16 14 45.2	22 7 36.99 -16 0 3.9	18.7			1.56	O IV 1402 C IV 1549		1948	1948				1948phot mag
2204-164 O	MD5:67	22 4 55.63 -16 25 46.7	22 7 38.72 -16 11 5.4	19.2			2.61	H I 1216		1948	1948				1948phot mag
2205-636 R	PKS	22 5 10.07 -63 40 30.9	22 8 47.45 -63 25 48.0	18.5			(0.618)	Mg II 2798		1898	1251		1251		1526vlbi
2205-167 O		22 5 13.5 -16 47 13	22 7 56.78 -16 32 31.1	19.3			0.16			477	477				939,1026ext, 1207,1261imag
2205-203 O	MD5:68	22 5 14.56 -20 21 6.3	22 8 0.03 -20 6 24.3	19.5			1.71	H I 1216 C IV 1549 C III 1909		477 1948	1948				1207,1261imag z in 477 differs (0.26)
2205-202 O	MD5:69	22 5 18.56 -20 14 37.5	22 8 3.96 -19 59 55.3	18.4			2.635	H I 1216 O IV 1402		1948	1948 LBQS				1948phot mag
2205-208 O		22 5 21.6 -20 53 35	22 8 7.40 -20 38 52.7	18.2			0.410			477	1400 477				
2205-214 O	MD5:70	22 5 25.23 -21 29 43.8	22 8 11.41 -21 15 1.4	18.5			2.02	H I 1216		1948	1948				1948phot mag
2205-170 O	MD5:71	22 5 33.86 -17 4 31.3	22 8 17.29 -16 49 48.7	19.1			2.10	H I 1216		1948	1948				1948phot mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2205-402		22 5 38.4	22 8 38.80	18.8			1.40	C IV 1549		478	478				846rnd
O		-40 14 17	-39 59 33.8					C III 1909							
2205-171	MD5:72	22 5 44.42	22 8 27.91	19.4			2.56	H I 1216		1948	1948				1948phot mag
O		-17 11 54.9	-16 57 11.9												
2205-165	MD5:73	22 5 46.82	22 8 29.89	19.3			1.60	C IV 1549		1948	1948				1948phot mag
O		-16 30 38.2	-16 15 55.1					C III 1909							
2205-200	MD5:74	22 5 51.66	22 8 36.87	17.95		-.86	1.711	C IV 1549		1203	1203				1203ubv
C	QSM2:08	-20 1 27.6	-19 46 44.3					C III 1909		1878	1878				
										1948	1948				
										2058	2058				
2205-198	MD5:75	22 5 51.83	22 8 36.95	19.4			2.10	H I 1216		1948	1948				1948phot mag
O		-19 52 44.5	-19 38 1.2												
2205-196	QSM1:38	22 5 59.1	22 8 44.08	18.15		-1.07	1.285	C IV 1549		467	467				761,1304sp,
O		-19 40 14	-19 25 30.5					C III 1909		1878	477				477fc
								C II 2326		2058	1400				
								Mg II 2798			1878				
											2058				
2206-199	MD5:76	22 6 6.95	22 8 52.11	17.33	.16	-.11	2.559*	H I 1216	2.0769	467	1304			1394	761,2020sp,
O	QSM2:09	-19 58 41.6	-19 43 57.8					N V 1240	2.0144	1878	467			1508	477fc,1485ubv,
								Si II 1263	1.9204	1948	477			1551	2174varnd
								C II 1335	1.0169	2058	1400			1872	Ly alpha abs,
								Si IV 1397	0.7520		1872			1873	1870; Ly alpha
								O IV 1402			1878			2020	forest,2153;
								C IV 1549			1948			2057	damped Ly
								He II 1640			2058			2168	alpha,z=1.9204
								C III 1909						2228	damped Ly
														2263	alpha,z=2.0769
															1508
2206-203	QSM2:03	22 6 14.8	22 9 0.16	19.85		-.54	0.682	Mg II 2798		1878	1878				1878Bmag
C		-20 19 3.8	-20 4 19.7							2058	2058				
2206-199	MD5:77	22 6 15.56	22 9 0.71	18.65		-.49	1.584	C IV 1549		477	1652				2.1 arcmin
O	QSM2:07	-19 59 5.2	-19 44 21.1					C III 1909		1948	477				from 2206-
										2058	1948				1958,1652,
											2058				1948
2206-194	QSM1:03	22 6 30.4	22 9 15.20	19.79		-.48	2.076	H I 1216		1878	1878				1878Bmag
C		-19 27 16.8	-19 12 32.2					C IV 1549		2058	2058				
								C III 1909							
2206-197	QSM1:34	22 6 31.1	22 9 16.07	19.95		-.22	1.877	C IV 1549		1878	2058				1878Bmag
C		-19 44 22.3	-19 29 37.7					C III 1909		2058					
2206+351	UT	22 6 34.7	22 8 46.25	18.0			0.66	Mg II 2798		1437	1437				
R		35 8 33	35 23 17.0					O II 3727							
2206-180	MD5:78	22 6 40.88	22 9 24.81	19.15			1.071	C III 1909		467	467				761,1304sp,
O		-18 2 59.0	-17 48 14.0					Mg II 2798		1948	477				477fc
											1400				z in 1948
											1948				differs (2.25)
2206-187	MD5:79	22 6 44.03	22 9 28.40	19.6			2.157	H I 1216		467	467				761,1304sp,
O		-18 47 43.0	-18 32 57.9					C IV 1549		1948	477				477fc
								C III 1909			1400				
											1948				
2206-197	MD5:80	22 6 44.33	22 9 29.28	19.1			1.50	C IV 1549		1948	1948				1948phot mag
O		-19 44 30.7	-19 29 45.6												
2206-191	QSM1:01	22 6 51.5	22 9 36.08	20.59		-.47	(1.829)	C IV 1549		1878	1878				1878Bmag
C		-19 9 27	-18 54 41.7					C III 1909			2058				
2207+020	PKS	22 7 0.27	22 9 32.86	19						045			803		781ir,044sp,
BL Lac R	4C 02.54	2 3 56	2 18 41.3										1086		2112x
													1127		
2207-175	MD5:81	22 7 2.98	22 9 46.55	19.1			1.95	O IV 1402		1948	1948				1948phot mag
O		-17 30 40.5	-17 15 54.8												
2207-191	QSM1:15	22 7 6.6	22 9 51.18	19.64		-.57	2.171	H I 1216		1878	1878				1878Bmag
C		-19 11 0.4	-18 56 14.5					Si IV 1397			2058				
								C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2207–170 O	MD5:82	22 7 8.92 –17 3 37.8	22 9 52.21 –16 48 51.9	18.5			1.45	C IV 1549		1948	1948				1948phot mag
2207–201 C	QSM2:32	22 7 9.7 –20 6 14.9	22 9 54.84 –19 51 28.9	20.44		–.65	1.515	C IV 1549 C III 1909		1878	1878 2058				1878Bmag
2207–164 O	MD5:83	22 7 9.78 –16 28 47.1	22 9 52.73 –16 14 1.2	19.3			1.58	C IV 1549 C III 1909		1948	1948				1948phot mag
2207–200 C	QSM2:36	22 7 11.0 –20 4 9.2	22 9 56.11 –19 49 23.2	20.20		–.80	1.070	C III 1909		1878	1878 2058				1878Bmag
2207–195 C	QSM1:36	22 7 11.4 –19 30 45.4	22 9 56.17 –19 15 59.4	19.36		–.69	1.119	C III 1909 Mg II 2798		1878	1878 2058				1878Bmag
2207+374 R	UT	22 7 11.8 37 27 34	22 9 21.50 37 42 19.2	18.5			1.50	C IV 1549 C III 1909		1437	1437				
2207–196 C	QSM1:31	22 7 15.0 –19 38 32.5	22 9 59.84 –19 23 46.4	20.51		–.76	1.748	C IV 1549 C III 1909		1878	1878 2058				1878Bmag
2207–200 C	QSM2:18	22 7 29.0 –20 5 17.7	22 10 14.10 –19 50 31.1	20.27		–.59	2.454	H I 1216 Si IV 1397 C IV 1549		1878	1878 2058				1878Bmag
2207–199 O	QSM2:31	22 7 36.2 –19 56 37.3	22 10 21.20 –19 41 50.4	20.11		–.90	1.978	H I 1216 N V 1240 C IV 1549		477 1878	1878 2058				1878Bmag
2207–198 C	QSM2:44	22 7 40.4 –19 49 6.0	22 10 25.31 –19 34 19.0	20.23		–1.27	0.452	Mg II 2798		1878	1878 2058				1878Bmag
2207–196 C	QSM1:35	22 7 40.6 –19 40 1	22 10 25.42 –19 25 14.0	20.73		–.49	1.123	C III 1909 C II 2326 Mg II 2798		1878	1878 2058				1878Bmag
2207–196 C	QSM1:25	22 7 40.9 –19 38 51.7	22 10 25.71 –19 24 4.7	20.13		–.33	(1.128)	C III 1909 Mg II 2798		1878	1878 2058				1878Bmag
2207–183 O		22 7 42.8 –18 18 23.9	22 10 26.79 –18 3 36.8	20			(2.31)			477	477				
2207–207 O	MD5:84	22 7 44.19 –20 44 23.4	22 10 29.66 –20 29 36.2	18.1			2.38	H I 1216 C IV 1549		1948	1948				1948phot mag
2207–177 O	MD5:85	22 7 47.97 –17 44 57.4	22 10 31.62 –17 30 10.2	19.95			2.05	H I 1216 He II 1640		477 1948	1948				z in 477 differs (0.97)
2207–204 O	MD5:86	22 7 49.38 –20 29 7.1	22 10 34.69 –20 14 19.8	18.6			1.22	C IV 1549 C III 1909		477 1948	1948				z in 477 differs (0.50)
2207–186 O		22 7 53.6 –18 38 56.9	22 10 37.78 –18 24 9.5	19.8			0.44			477	477				
2207–201 O	QSM2:22 MD5:87	22 7 58.26 –20 8 34.3	22 10 43.34 –19 53 46.7	19.13		–1.30	2.062	H I 1216 N V 1240 Si IV 1397 C IV 1549		467 1878 1948 2058	1878 467 477 1400 1948 2058				1878Bmag, 477fc,761, 1304sp
2208–194 O	QSM1:26 MD5:88	22 8 3.52 –19 27 34.0	22 10 48.18 –19 12 46.2	18.51		–.33	1.520	C IV 1549 C III 1909		477 1878 1948	1878 477 2058				1878Bmag z in 1948 differs (2.21)
2208–198 C	QSM2:34	22 8 4.8 –19 52 37.2	22 10 49.71 –19 37 49.4	20.03		–.32	1.708	C IV 1549		1878	1878 2058				1878Bmag
2208–195 C	QSM1:21	22 8 8.2 –19 35 9.2	22 10 52.93 –19 20 21.3	20.62		–.57	(0.488)	Mg II 2798		1878	1878 2058				1878Bmag
2208–194 O	QSM1:19	22 8 14.0 –19 26 46.4	22 10 58.64 –19 11 58.3	19.83		–.31	1.930+	N V 1240 Si IV 1397 C IV 1549		477 1878	1878 477 2058				1878Bmag, 2058BAL
2208–181 O	MD5:89	22 8 15.59 –18 9 13.0	22 10 59.45 –17 54 24.8	19.5			2.68	LYB 1026 H I 1216		1948	1948				1948phot mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2208–181 O	MD5:90	22 8 19.06 –18 9 43.4	22 11 2.92 –17 54 55.1	17.7			1.26	C IV 1549		1948	1948				1948phot mag 0.96 arcmin from 220815.59 –180913.0,1948
2208–206 O	MD5:91	22 8 29.06 –20 39 16.1	22 11 14.41 –20 24 27.4	19.2			2.80	H I 1216		1948	1948				1948phot mag
2208–185 O	MD5:92	22 8 31.88 –18 32 15.1	22 11 15.94 –18 17 26.4	18.6			1.83	H I 1216		1948	1948				1948phot mag
2208–173 O		22 8 32.1 –17 20 15	22 11 15.45 –17 5 26.3	17.6			1.210+			2274	2274				2274BAL
2208–217 O	MD5:93	22 8 33.68 –21 45 59.3	22 11 19.71 –21 31 10.5	18.4			1.49	C IV 1549		1948	1948				1948phot mag
2208–350	A09.85	22 8 33.7 –35 4 39	22 11 29.04 –34 49 50.0	19.5			2.4			2277	2277				
2208–137 R	PKS	22 8 42.7 –13 42 59	22 11 23.94 –13 28 10.0	17			0.392	Mg II 2798		188	024 1689		1637		703,900,1626, 1988,2062pol, 761,1304, 1420sp,1305ir, 1420FeIIem, 1526vlbi
2208–200 O		22 8 50.7 –20 2 17.0	22 11 35.64 –19 47 27.6	20			1.97			477	477				
2208–190 O		22 8 52.5 –19 5 37	22 11 36.87 –18 50 47.6	18.0			1.225+			2274	2274				
2208–373	A09.72	22 8 53.1 –37 21 42	22 11 50.26 –37 6 52.3	16.1			0.32			2277	2277				
2208–331	A09.36	22 8 54.7 –33 10 18	22 11 48.49 –32 55 28.3	16.7			0.31			2277	2277				
2209+152 R	MC 3	22 9 7.85 15 15 38.2	22 11 33.17 15 30 27.7	18.9			1.502	Si IV 1397 O IV 1402 C IV 1549 C III 1909 Mg II 2798			027		1818 1891 1976		1617ir, 1818pos 1795rpol jet
2209–349	A09.55	22 9 19.6 –34 59 30	22 12 14.74 –34 44 39.4	17.5			1.94			2277	2277				
2209–117 R	UT	22 9 23.7 –11 43 52	22 12 3.78 –11 29 1.6	18.5			1.46	C IV 1549 C III 1909		1437	1437				
2209–171 O	MD5:94	22 9 25.33 –17 8 55.5	22 12 8.50 –16 54 5.0	18.7			1.36	C IV 1549 C III 1909		1948	1948				1948phot mag
2209–187 O	MD5:95	22 9 26.33 –18 42 26.0	22 12 10.41 –18 27 35.4	17.8			2.092	H I 1216 N V 1240 Si II 1263 C IV 1549 C III 1909		467 1948	467 477 1025 1400 1948				761,1304sp, 477fc
2209+080 R	PKS 4C 08.64 MSH 22+02 DA 574 OY 015.8	22 9 32.24 8 4 26.4	22 12 1.61 8 19 16.8	18.36*			0.484	Mg II 2798 Ne V 3426 O II 3727 NeIII 3869 H I 4102 H I 4861 O III 4959 O III 5007 H I 6563		050	128 436 443	754	128 775 789 1111 1804 1888		1201pol,831sp, 1526vlbi 1902avg Bmag
2209–207 O	MD5:96	22 9 51.63 –20 46 3.2	22 12 36.91 –20 31 11.8	19.4			1.95	H I 1216 He II 1640		477 1948	1948				1207,1261imag
2209–214 O	MD5:97	22 9 59.49 –21 24 28.3	22 12 45.15 –21 9 36.6	18.3			1.714	H I 1216 C IV 1549		1948	1948 LBQS				1948phot mag
2210–394 O		22 10 1.6 –39 25 30	22 13 0.31 –39 10 37.9	18.5			1.28	C III 1909		478	478				846rnd

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2210-174 O	MD5:98	22 10 3.59 -17 25 54.9	22 12 46.87 -17 11 3.1	20			2.20	H I 1216 Si IV 1397 O IV 1402 C IV 1549		477 1948	477 1948				
2210-359	A09.20	22 10 4.0 -35 56 5	22 12 59.76 -35 41 12.9	18.3			1.96			2277	2277				
2210-201 O	MD5:99	22 10 13.21 -20 11 31.7	22 12 58.11 -19 56 39.6	19.4			1.87	H I 1216 C IV 1549		1948	1948				1948phot mag
2210-257 R	PKS	22 10 14.1 -25 44 22	22 13 2.47 -25 29 29.8	19.0			1.833	H I 1216 N V 1240 Si II 1263 C IV 1549 C III 1909		087	1304		1518		1305ir,761sp, 1483rvar, 1526vlbi, 1789mm, 1810pos
2210-200 O		22 10 24.5 -20 5 34.0	22 13 9.32 -19 50 41.5	20			2.10			477	477				
2210-178 O		22 10 26.2 -17 51 55	22 13 9.70 -17 37 2.5	17.9			1.557			2274	2274				
2210-167 O	MD5:100	22 10 48.36 -16 43 34.0	22 13 31.17 -16 28 40.7	18.5			1.62	Si IV 1397 O IV 1402 C IV 1549		477 1948	1948				
2210-342	A09.50	22 10 50.6 -34 15 35	22 13 44.89 -34 0 41.4	17.9			2.4			2277	2277				
2210-190 O	MD5:101	22 10 56.54 -19 1 46.2	22 13 40.68 -18 46 52.6	18.7			2.32	H I 1216 C IV 1549		1948	1948				1948phot mag
2211-182 O	MD5:102	22 11 5.25 -18 13 24.9	22 13 48.91 -17 58 31.1	17.5			1.18	C III 1909		1948	1948				1948phot mag
2211-174 O	MD5:103	22 11 23.03 -17 27 11.7	22 14 6.22 -17 12 17.3	18.9			2.16	H I 1216		1948	1948				1948phot mag
2211-196 O		22 11 23.8 -19 39 23.8	22 14 8.27 -19 24 29.3	20			1.68			477	477				
2211-166 O	MD5:104	22 11 30.35 -16 36 55.7	22 14 13.05 -16 22 1.1	19.5			2.93	H I 1216		1948	1948				1948phot mag
2211+006 O	PC	22 11 36.2 0 37 33	22 14 9.59 0 52 27.6	19.23			0.910	Mg II 2798		1517	1517				
2211-177 O	MD5:105	22 11 46.22 -17 45 2.1	22 14 29.55 -17 30 6.9	18.2			1.34	C IV 1549		1948	1948				1948phot mag
2211-201 O	MD5:106	22 11 52.45 -20 11 2.7	22 14 37.19 -19 56 7.3	18.7			1.61	C IV 1549 C III 1909		1948	1948				1948phot mag
2211-192 O	MD5:107	22 11 53.71 -19 15 50.1	22 14 37.90 -19 0 54.7	18.2			1.953	Si IV 1397 C IV 1549 C III 1909		467 1948	467 477 1304 1400 1948		477		761sp
2211+013 O	PC	22 11 54.7 1 19 58	22 14 27.72 1 34 53.2	19.1			3.100			1698	1698				1698rmag
2211-163 O	MD5:108	22 11 57.93 -16 19 10.4	22 14 40.42 -16 4 14.9	19.3			1.91	H I 1216		1948	1948				1948phot mag
2212-199 O		22 12 0.1 -19 58 55.3	22 14 44.71 -19 43 59.6	19.75			(0.33)			477	477				
2212-190 O	MD5:109	22 12 0.23 -19 3 33.1	22 14 44.30 -18 48 37.5	19.2			1.96	H I 1216		1948	1948				1948phot mag
2212-199 O	MD5:110	22 12 6.61 -19 57 54.2	22 14 51.20 -19 42 58.3	19.15			2.021	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		467 1948	467 477 1400 1948				477fc,761sp

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2212−165 O	MD5:111	22 12 13.21 −16 34 22.2	22 14 55.83 −16 19 26.2	17.8			1.35	C IV 1549		1948	1948				1948phot mag
2212−202 O	MD5:112	22 12 25.13 −20 13 56.8	22 15 9.85 −19 59 0.3	18.8			1.18	C IV 1549		1948	1948				1948phot mag
2212−299 R	PKS	22 12 25.14 −29 59 20.1	22 15 16.06 −29 44 23.5	17.44	.14	−.24	2.706*	O VI 1034 H I 1216 N V 1240 Si II 1263 O I 1304 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909	1.9964 1.9392 0.6329	296	493 2049 2281		1518	1747 2049 2228 2263	761,1138, 1304sp,886, 1305ir, 1485ubv, 1526vlbi
2212−177 O	MD5:113	22 12 31.97 −17 47 15.9	22 15 15.25 −17 32 19.2	18.3			1.16	C IV 1549 C III 1909		1948	1948				1948phot mag
2212−334	A10.11	22 12 40.9 −33 28 24	22 15 34.28 −33 13 26.8	18.7			2.28			2277	2277				
2212−179 O	MD5:114	22 12 48.30 −17 59 3.1	22 15 31.67 −17 44 5.9	18.3			2.28 +	H I 1216 Si IV 1397 O IV 1402 C IV 1549		477 1948	477 1948				1208BAL
2213−202 O		22 13 3.5 −20 12 44.6	22 15 48.14 −19 57 46.9	19.2			1.046	C III 1909 Mg II 2798		467	467 477 1400				761,1304sp, 477fc
2213−206 O	MD5:115	22 13 17.19 −20 39 39.8	22 16 2.07 −20 24 41.6	19.3			2.15	H I 1216		1948	1948				1948phot mag
2213−180 O	MD5:116	22 13 21.77 −18 4 38.5	22 16 5.15 −17 49 40.2	18.8			1.75	C IV 1549 C III 1909		1948	1948				1948phot mag
2213−208 O	MD5:117	22 13 29.32 −20 52 34.0	22 16 14.31 −20 37 35.4	18.7			2.11	H I 1216 C IV 1549		1948	1948				1948phot mag
2213−211 O		22 13 29.7 −21 8 3	22 16 14.84 −20 53 4.4	19.9			0.37			477	477				
2213−373	A10.20	22 13 34.7 −37 22 24	22 16 30.94 −37 7 25.0	17.9			1.92			2277	2277				
2213−190 O	MD5:118	22 13 39.60 −19 3 11.5	22 16 23.51 −18 48 12.6	18.7			1.33	C IV 1549		1948	1948				1948phot mag
2213−209 O	MD5:119	22 13 52.21 −20 56 38.1	22 16 37.20 −20 41 38.8	18.5			1.63	C IV 1549 C III 1909		1948	1948				1948phot mag
2213−165 O	MD5:120	22 13 53.69 −16 30 35.2	22 16 36.14 −16 15 35.9	19.1			2.12	H I 1216		1948	1948				1948phot mag
2214−208 O		22 14 6.5 −20 48 1	22 16 51.39 −20 33 1.2	18.85			1.684	H I 1216 C IV 1549 C III 1909		467	467 477 1400				761,1304sp, 477fc
2214+350 R	GC B2 UT	22 14 7.03 35 3 16.3	22 16 20.03 35 18 15.3	18.5			0.51	Mg II 2798 H I 4340		132	009 1437		1521		1201pol, 1194imag, 1526vlbi
2214−190 O	MD5:121	22 14 7.82 −19 3 9.7	22 16 51.69 −18 48 9.9	18.2			1.48	C IV 1549		1948	1948				1948phot mag
2214−169 O	MD5:122	22 14 35.54 −16 55 37.2	22 17 18.17 −16 40 36.6	18.7			1.52	C IV 1549		1948	1948				1948phot mag
2214−212 O		22 14 43.9 −21 14 29	22 17 28.98 −20 59 28.0	19.95			(0.34)			477	477				
2214−206 O	MD5:123	22 14 44.15 −20 41 12.6	22 17 28.91 −20 26 11.6	19.4			1.90	H I 1216 C IV 1549		1948	1948				1948phot mag
2214−179 O	MD5:124	22 14 48.40 −17 59 5.9	22 17 31.61 −17 44 4.8	19.2			2.53	H I 1216		1948	1948				1948phot mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2214–206 R	PKS	22 14 58.64 –20 37 52.9	22 17 43.34 –20 22 51.5	20.60			2.316	H I 1216 N V 1240 C IV 1549 C III 1909		1527	1997				1997Bmag
2214–189 O	MD5:125	22 14 59.60 –18 57 51.9	22 17 43.34 –18 42 50.5	19.3			1.77	H I 1216 C IV 1549		1948	1948				1948phot mag
2215–213 O		22 15 2.2 –21 23 7	22 17 47.34 –21 8 5.5	20			1.59			477	477				
2215–508 R	PKS	22 15 9.61 –50 53 44.3	22 18 19.03 –50 38 42.0	17.4			1.356	C III 1909 Mg II 2798			1251		1251		
2215–037 X		22 15 11.7 –3 47 50	22 17 47.35 –3 32 48.4	17.2 *	0.00	–.70	0.241			1265	1265	1770 2174			1265ubv, 1209ext,1207, 1261,1630imag, 1910sp faint gal near 1344;27 arcsec from anon gal, 0.095zgal,2118
2216–038 R X	PKS 4C 03.79 OY 027 MSH 22–06 PB 7136	22 16 16.43 –3 50 40.3	22 18 52.09 –3 35 36.6	15.72*	.63	–.71	0.901	C III 1909 Mg II 2798		079	002 018 054	492 529	789 803 837 1877 2085	1873	059,249, 1485ubv,705, 1202,2103pol, 780ir,836sp, 749,1810pos, 936,1595rvar, 873,1980x, 836FeIIem, 1526vlbi,057, 529fc,1789mm 1902avg ph mag faint gals near,2118
2216–427 O	MD3:1	22 16 33.49 –42 44 22.9	22 19 33.72 –42 29 18.2	20.0			1.46	C IV 1549 He II 1640		1948	1948				1948phot mag
2216–043 X		22 16 48.8 –4 18 52	22 19 24.69 –4 3 47.3	18.5	–.40		0.243			1314	1314				1209imag
2217–406 O R	MD3:2	22 17 14.46 –40 39 5.1	22 20 12.67 –40 23 59.1	18.8			1.86	H I 1216 Si IV 1397 O IV 1402 C IV 1549		478 1948	478 1400 1948		846 904		
2217+214 R	UT	22 17 16.0 21 26 9	22 19 38.47 21 41 14.2	18.5			1.52	C IV 1549 C III 1909		1437	1437				
2217–421 O	MD3:3	22 17 27.05 –42 8 21.9	22 20 26.52 –41 53 15.5	19.6			2.21	H I 1216 C IV 1549		1948	1948				1948phot mag
2217+087 R X		22 17 39.37 8 43 55.7	22 20 8.71 8 59 1.8	17.6			0.228	H I 4861 O III 4959 O III 5007		1058	1058		1171		1058x,1207, 1261imag, 1922sp
2217+087 R X	4C 08.66	22 17 42.46 8 45 23.6	22 20 11.79 9 0 29.8	18.6			0.623	Ne V 3426 O II 3727 He 3970 H I 4102 H I 4340		1058	1058		1171		1058x,1207, 1261imag, 1922sp
2217–385 O	MD3:4	22 17 43.02 –38 30 35.2	22 20 39.34 –38 15 28.4	19.1			1.524+	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1400 1948	1400 1948				1400BAL
2217–391 O	MD3:5	22 17 47.63 –39 11 37.5	22 20 44.49 –38 56 30.5	19.5			1.20	C IV 1549 C III 1909		1948	1948				1948phot mag
2217–422 O		22 17 53.5 –42 15 42	22 20 52.98 –42 0 34.8	19.4			2.05	H I 1216 N V 1240 C IV 1549		478	478 1400				846rnd
2217–409 O	MD3:6	22 17 59.53 –40 58 18.3	22 20 57.84 –40 43 10.9	19.8			1.97	H I 1216		1948	1948				1948phot mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2218–371	MD3:7	22 18 10.34	22 21 5.51	19.2			2.19	H I 1216		1948	1948				1948phot mag
O		–37 10 26.3	–36 55 18.6					C IV 1549							
2219–397	MD3:8	22 19 19.50	22 22 16.49	19.5			2.08	H I 1216		1948	1948				1948phot mag
O		–39 45 1.6	–39 29 51.8					C IV 1549							
2219–381	MD3:9	22 19 26.54	22 22 22.24	19.5			1.99	H I 1216		1948	1948				1948phot mag
O		–38 11 14.7	–37 56 4.7					C IV 1549							
2219–420	MD3:10	22 19 27.45	22 22 26.39	20.2			1.31	C IV 1549		1948	1948				1948phot mag
O		–42 4 59.9	–41 49 49.8					He II 1640							
								C III 1909							
2219–423	MD3:11	22 19 28.68	22 22 27.86	19.5			2.36	H I 1216		1948	1948				1948phot mag
O		–42 21 9.9	–42 5 59.7					C IV 1549							
2219–394	MD3:12	22 19 54.86	22 22 51.50	17.74	.24	–.98	2.022	H I 1216		409	409		846		1485ubv
O		–39 28 41.8	–39 13 30.9					C IV 1549		618	478		904		
R										1948	1400				
											1948				
2219–408	MD3:13	22 19 57.35	22 22 55.08	19.9			1.56	C IV 1549		1948	1948				1948phot mag
O		–40 48 32.2	–40 33 21.2					C III 1909							
2220–390		22 20 1.2	22 22 57.48	19.0			1.450	C IV 1549		1400	1400				
O		–39 4 10	–38 48 58.9					C III 1909							
2220–427	MD3:14	22 20 12.13	22 23 11.52	19.1			1.26	C IV 1549		1948	1948				1948phot mag
O		–42 47 23.2	–42 32 11.7					He II 1640							
2220–388	MD3:15	22 20 57.28	22 23 53.19	17.6			0.83	C III 1909		1948	1948				1948phot mag
O		–38 51 24.1	–38 36 11.3					Mg II 2798							
2221–378	MD3:16	22 21 14.50	22 24 9.55	19.9			1.96	H I 1216		1948	1948				1948phot mag
O		–37 49 42.9	–37 34 29.6												
2221–376	MD3:17	22 21 51.78	22 24 46.59	19.3			1.58	C IV 1549		1948	1948				1948phot mag
O		–37 40 28.1	–37 25 13.7												
2221–400	MD3:18	22 21 54.34	22 24 50.97	19.9			2.01	H I 1216		1948	1948				1948phot mag
O		–40 0 23.6	–39 45 9.1												
2222–388	MD3:19	22 22 10.08	22 25 5.76	20.2			2.72	H I 1216		1948	1948				1948phot mag
O		–38 53 23.1	–38 38 8.1					O IV 1402							
2222–413	MD3:20	22 22 14.90	22 25 12.52	20.0			1.96	H I 1216		1948	1948				1948phot mag
O		–41 18 7.7	–41 2 52.6												
2222–394	MD3:21	22 22 25.36	22 25 21.39	18.9			1.88	H I 1216		1948	1948				1948phot mag
O		–39 24 30.5	–39 9 15.1					Si IV 1397							
2222–412	MD3:22	22 22 25.69	22 25 23.21	20.0			1.80	C IV 1549		1948	1948				1948phot mag
O		–41 14 3.4	–40 58 47.9												
2222–397	MD3:23	22 22 30.82	22 25 27.12	20.0			1.497+	C IV 1549		1400	1400			1400	
O		–39 45 56.6	–39 30 41.0					C III 1909		1948	1948				
2222–383	MD3:24	22 22 37.80	22 25 32.95	18.1			1.52	C IV 1549		1948	1948				1948phot mag
O		–38 19 30.2	–38 4 14.4												
2222+051	4C 05.84	22 22 43.50	22 25 14.75	18.52			2.324*	H I 1216	2.3116	124	436		789	478	2266imag,
R	PKS	5 11 53.4	5 27 8.8					Si IV 1397	2.1322		2049		1818	2049	1818pos
								O IV 1402	1.6383		2281		1891	2263	
								C IV 1549	1.6050						
								C III 1909							
2222–396	MD3:25	22 22 44.17	22 25 40.34	17.9			2.18 +	H I 1216		409	478			478	846rnd
O		–39 39 53.0	–39 24 37.0					N V 1240		1948	1400				
								C IV 1549			1948				
2222–404	MD3:26	22 22 44.45	22 25 41.22	18.5			1.221+	C IV 1549		1400	1400			1400	
O		–40 24 42.1	–40 9 26.1					C III 1909		1948	1948				
								Mg II 2798							
2222–385	MD3:27	22 22 50.65	22 25 45.93	20.0			2.18	H I 1216		1948	1948				1948phot mag
O		–38 33 13.4	–38 17 57.3					C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	ID	REFERENCES Z	VAR	R	ABS	NOTES
2223-052	3C 446	22 23 11.12	22 25 47.30	17.19*	.45	-.54	1.404*	C IV 1549	0.8472	136	013	007	128	552	007,056,136,
BL Lac R	4C 05.92	-5 12 17.4	-4 57 1.1					C III 1909			098	183	801	640	228,1485ubv,
X	PKS											228	837	1749	183,229,640,
	OY 039											229	1084	2228	703,705,900,
	NRAO 687											242	1111	2263	1541,1730,
	MSH 22-010											248	1128		1988,2062,
	LHE 519											249	1160		2103pol,280,
												280	1162		324,335,
												286	1212		1392sp,1392,
												288	1229		1852phot,1348,
												289	1340		1569,1941uv,
												290	1367		1333,1526vlbi,
												529	1544		1357,1583,
												754	1557		1916,1971,
												755	1587		1972mf,
												905	1792		1388rpol,887,
												1068	1804		936,949,
												1142	1807		1721rvar,781,
												1802	1930		799,1012,1305,
												2108			1580,1617,
												2174			1668,2021ir,
															1195,1753xvar,
															749,865pos,
															696,912,1088,
															1569,1980,
															2107,2112x,
															057,182fc,
															1789mm,
															1916OVV,
															1942uvvar
															QSO and BL Lac
															depending on
															epoch;
															IRAS source,
															1644;IRAS var,
															1806;
2223+210	PKS	22 23 14.75	22 25 38.05	18.08			1.953*	H I 1216	1.9019	202	128		128	1901	1513elp,
R	DA 580	21 2 50.0	21 18 6.1					Si IV 1397			443		1792	2049	1617ir,
X	GC							O IV 1402			748		1818	2263	1526vlbi,
								C IV 1549			2049		1891		1201pol,1005x,
								He II 1640			2281		1976		831,1032,
								C III 1909							1181sp,1119,
															1336rvar,
															1818pos
															1902avg Bmag
2223-052	1E	22 23 39.6	22 26 15.81	18.6 *			1.866	C IV 1549		1416	1416	1770			1048x,1626pol
X		-5 17 22.9	-5 2 5.7					C III 1909							
2223-388	MD3:28	22 23 40.18	22 26 35.51	20.0			1.87	H I 1216		1948	1948				1948phot mag
O		-38 51 12.8	-38 35 55.2					C IV 1549							
2223-420	MD3:29	22 23 53.07	22 26 50.89	18.0			1.37	C IV 1549		1948	1948				1948phot mag
O		-42 0 2.7	-41 44 44.7					He II 1640							
2224-408	MD3:30	22 24 13.53	22 27 10.33	18.5			2.342	O VI 1034		430	1400				478fc
O		-40 52 10.4	-40 36 51.8					H I 1216		1948	430				
								N V 1240			478				
								Si IV 1397			479				
								O IV 1402			1022				
								C IV 1549			1948				
2224-413		22 24 14	22 27 11.16	19.9			2.12	H I 1216		430	430				
O		-41 18 36	-41 3 17.4								479				
											1022				
2224-405		22 24 29.2	22 27 25.65	19.4			2.09	H I 1216		430	430				
O		-40 30 10	-40 14 50.9					C IV 1549			479				
											1022				
											1400				
2224-408		22 24 32.7	22 27 29.39	19.4			1.95	H I 1216		430	430				846rnd
O		-40 49 5	-40 33 45.8					C IV 1549			479				4.8 arcmin
											1022				from 222413.5
											1400				-405211.5,1652

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2224−397	MD3:31	22 24 36.80	22 27 32.64	19			2.34	H I 1216		478	478				846rnd
O		−39 46 41.3	−39 31 22.0					N V 1240		1948	1400				
								C IV 1549			1948				
2224−426	MD3:32	22 24 47.67	22 27 45.84	18.9			1.24	C III 1909		1948	1948				1948phot mag
O		−42 40 22.8	−42 25 3.2												
2224−428	MD3:33	22 24 51.30	22 27 49.60	19.9			2.58	H I 1216		1948	1948				1948phot mag
O		−42 51 11.7	−42 35 52.0												
2224−403	MD3:34	22 24 55.99	22 27 52.21	19.4			1.91	H I 1216		430	430				
O		−40 20 54	−40 5 34.2					C IV 1549		1948	479				
											1022				
											1400				
											1948				
2225−395	MD3:35	22 25 3.82	22 27 59.41	19.5			2.11	H I 1216		1948	1948				1948phot mag
O		−39 34 35.9	−39 19 15.8					C IV 1549							
2225−406	MD3:36	22 25 20.10	22 28 16.43	19.8			1.67	H I 1216		1948	1948				1948phot mag
O		−40 36 1.5	−40 20 41.0					O IV 1402							
2225−401		22 25 25.9	22 28 21.84	19.5			1.92	H I 1216		430	430				846rnd,478fc
O		−40 8 10	−39 52 49.3					N V 1240			478				
								C IV 1549			479				
											1022				
											1400				
2225−414		22 25 28.2	22 28 25.19	19.4			1.94	H I 1216		430	430				
O		−41 27 25	−41 12 4.2					C IV 1549			479				
											1022				
											1400				
2225−404		22 25 30.3	22 28 26.45	18.28	.02	−1.10	2.02 +	H I 1216		409	409			478	846rnd,430,
O		−40 25 22	−40 10 1.2					N V 1240			1022				478,479fc,
								C IV 1549			1400				1485ubv
2225−383	MD3:37	22 25 33.15	22 28 27.70	20.0			2.15	H I 1216		1948	1948				1948phot mag
O		−38 20 43.1	−38 5 22.2					He II 1640							
2225+332	GC	22 25 49.13	22 28 5.52	18.5			1.852	H I 1216		216	476		216		
R	B2	33 16 17.1	33 31 37.6					C IV 1549							
2225−403		22 25 53.9	22 28 49.94	20.2			2.41	H I 1216		430	430				
O		−40 23 56	−40 8 34.5					C IV 1549			479				
											1022				
											1400				
2225−055	PHL 5200	22 25 54.02	22 28 30.31	17.7	.75	−.71	1.981*	H I 1216	1.9502	001	230		775	184	059ubv,703,
C	4C 05.93	−5 34 16.6	−5 18 55.5					N V 1240	1.941		002			230	705,900,
X								O I 1304	1.905		200			231	901pol,1208,
R								C II 1335	1.891					954	1514BAL,799ir,
								Si IV 1397						1094	872,1213rnd,
								O IV 1402						1512	912xnd,954,
								N IV 1488						1711	1094sp,1671x
								C IV 1549						1756	z(abs) 1.98−
								C III 1909						2228	1.86,230
														2263	
2226−399	MD3:38	22 26 9.18	22 29 4.82	19.9			1.19	C IV 1549		1948	1948				1948phot mag
O		−39 57 20.4	−39 41 58.5												
2226−335	A10.09	22 26 11.3	22 29 2.35	16.4			0.86			2277	2277				
		−33 30 26	−33 15 4.1												
2226−403		22 26 12.5	22 29 8.40	19.5			2.15	H I 1216		430	430				
O		−40 18 10	−40 2 48.0								479				
											1022				
											1400				
2226−411		22 26 13.7	22 29 10.25	20.7			2.10	H I 1216		430	430				
O		−41 7 51	−40 52 28.9								479				
											1022				
2226−400	MD3:39	22 26 14.78	22 29 10.50	20.1			1.99	H I 1216		1948	1948				1948phot mag
O		−40 4 53.6	−39 49 31.5					N V 1240							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2226−414		22 26 21.8	22 29 18.57	20.5			2.06	H I 1216		430	430				
O		−41 27 1	−41 11 38.7								479				
											1400				
2226−411	PKS	22 26 22.12	22 29 18.62	18.1			0.446	Mg II 2798		1861	1861		1861		
R		−41 6 55.3	−40 51 33.0					Ne V 3426							
								O II 3727							
								He 3970							
								H I 4102							
								H I 4861							
								O III 4959							
								O III 5007							
								H I 6563							
2226−393		22 26 33	22 29 28.08	21.2			1.92	H I 1216		430	1022				
O		−39 20 37	−39 5 14.4					C III 1909			430				
											479				
											1400				
2226−401		22 26 43.6	22 29 39.27	19.5			2.03	H I 1216		430	430				
O		−40 9 31	−39 54 8.1					C IV 1549			479				
											1022				
											1400				
2226−379	MD3:40	22 26 51.86	22 29 45.84	20.0			1.26	C IV 1549		1948	1948				1948phot mag
O		−37 57 11.0	−37 41 47.9												
2226−400	MD3:41	22 26 52.43	22 29 47.98	19.7			1.89	H I 1216		1948	1948				1948phot mag
O		−40 2 42.1	−39 47 18.9					O IV 1402							
2227−088	PKS	22 27 2.38	22 29 40.13	17.5			1.561	C IV 1549		086	1304		1518		1305ir,761sp,
R	PHL 5225	−8 48 17.4	−8 32 54.3					He II 1640		1871			1976		1526vlbi,
								C III 1909							1789mm,
															1810pos,
															2103pol
2227−406		22 27 17.0	22 30 12.92	21.3			0.33	Mg II 2798		430	1022				
O		−40 39 2	−40 23 38.1					O II 3727							
								He II 4686							
								O III 5007							
2227−378	MD3:42	22 27 19.11	22 30 12.91	19.5			1.883	H I 1216		1400	1400				z in 1948
O		−37 49 23.0	−37 33 59.1					C IV 1549		1948					differs (2.05)
								C III 1909							
2227−385	MD3:43	22 27 21.36	22 30 15.65	19.2			1.54	C IV 1549		1948	1948				1948phot mag
O		−38 30 56.5	−38 15 32.5					C III 1909							
2227−395		22 27 31.1	22 30 26.14	19.5			1.40	H I 1216		430	1022				
O		−39 34 6	−39 18 41.8					Mg II 2798			430				
								O II 3727			479				
								He II 4686			1400				
								O III 5007							
2227−136	UT	22 27 35.3	22 30 15.32	18.5			1.42	C IV 1549		1437	1437				
R		−13 41 7	−13 25 43.0					C III 1909							
								Mg II 2798							
2227−396	MD3:44	22 27 37.35	22 30 32.41	18.9			1.76 +	H I 1216		430	430			479	z in 1948
O		−39 37 44.3	−39 22 19.9					C IV 1549		1948	479				differs (1.47)
											1022				
											1400				
2227−394		22 27 38	22 30 32.95	18.8			3.45 *	O VI 1034	3.373	430	449			449	597,911sp
O		−39 28 32	−39 13 7.6					H I 1216			430			911	
								N V 1240			479			2228	
								O I 1304			1022			2263	
								Si IV 1397			1400				
								C IV 1549							
2227−399	PKS	22 27 44.94	22 30 40.23	18.5 *			0.323	Mg II 2798		025	058	025	846		886ir,865pos,
R	MD3:45	−39 58 16.7	−39 42 52.1					Ne V 3426		1948	430		904		940ext,478fc,
								O II 3727			478				1526vlbi
								NeIII 3869			479				z in 1948
								NeIII 3968			1022				differs (1.38)
											1400				
2227−445	PKS	22 27 57.49	22 30 56.46	18.1			1.326	C IV 1549		421	1861		1861		
R		−44 31 55.6	−44 16 30.5					Mg II 2798							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	 Z	 VAR	 R	 ABS	NOTES
2227−412 O	MD3:46	22 27 59.74 −41 14 54.5	22 30 55.97 −40 59 29.4	20.1			1.75	C III 1909		1948	1948				1948phot mag
2228−391 O	MD3:47	22 28 0.44 −39 9 12.6	22 30 55.06 −38 53 47.5	19.6			1.46	C IV 1549		1948	1948				1948phot mag
2228−405 O		22 28 10.9 −40 33 32	22 31 6.55 −40 18 6.6	19.6			3.15 +	H I 1216 Si IV 1397 O IV 1402 C IV 1549		430	449 430 442 479 1022 1400			479	597,911sp
2228−387 O	MD3:48	22 28 11.37 −38 42 10.7	22 31 5.62 −38 26 45.3	18.4			1.65	C IV 1549 C III 1909		1948	1948				1948phot mag
2228−403 O	MD3:49	22 28 24.98 −40 18 13.7	22 31 20.38 −40 2 47.9	18.0			1.118+	C IV 1549 C III 1909 Mg II 2798		1400 1948	1400			1400	z in 1948 differs (1.61)
2228−396 O		22 28 29.9 −39 39 19	22 31 24.79 −39 23 53.1	19.0			1.816+	C IV 1549 C III 1909		1400	1400				1400BAL
2228−396 O		22 28 35.3 −39 36 19	22 31 30.13 −39 20 53.0	19.8			2.08	H I 1216 C IV 1549		430	430 479 1022 1400				
2228−399 O		22 28 40.1 −39 57 49	22 31 35.18 −39 42 22.8	20.5			2.30	H I 1216 C IV 1549		430	430 479 1022				
2228−399 O	MD3:50	22 28 40.22 −39 54 20.3	22 31 35.26 −39 38 54.1	18.3			2.200+	H I 1216 C IV 1549		430 1948	430 478 479 1022 1400 1948			479 1400	478fc
2228−393 O		22 28 44 −39 20 6	22 31 38.60 −39 4 39.7	20.4			1.51	H I 1216 C IV 1549		430	1022 430 479 1400				
2228−413 O	MD3:51	22 28 45.51 −41 20 10.0	22 31 41.63 −41 4 43.6	19.6			2.47	H I 1216 O IV 1402		1948	1948				1948phot mag
2228−397 O	MD3:52	22 28 59.98 −39 42 12	22 31 54.79 −39 26 45.3	19.4			2.06	H I 1216 C IV 1549 He II 1640		430 1948	430 479 1022 1400 1948				
2229−400 O		22 29 0.7 −40 4 53	22 31 55.79 −39 49 26.2	19.5			1.546+	Si IV 1397 O IV 1402 C IV 1549 C III 1909		1400	1400			1400	
2229−424 O		22 29 16.8 −42 25 24	22 32 13.66 −42 9 56.8	19.0			(2.24)			1400	1400				
2229−420 O	MD3:53	22 29 17.84 −42 5 57.7	22 32 14.43 −41 50 30.4	19.7			2.40	H I 1216 C IV 1549		1948	1948				1948phot mag
2229−402 O	MD3:54	22 29 24.59 −40 12 14.5	22 32 19.69 −39 56 47.1	20.2			1.98	H I 1216		1948	1948				1948phot mag
2229+009 O		22 29 50.72 0 54 28.8	22 32 24.04 1 9 56.5	18.1			0.18			2043	2043				2043B(J)mag
2229−378 O	MD3:55	22 29 53.80 −37 52 38.0	22 32 47.10 −37 37 9.8	19.7			2.33	H I 1216 C IV 1549		1948	1948				1948phot mag
2229−421 O	MD3:56	22 29 54.14 −42 11 48.3	22 32 50.66 −41 56 20.0	20.0			1.20	C IV 1549 C III 1909		1948	1948				1948phot mag
2229−374 O	MD3:57	22 29 54.57 −37 24 45.0	22 32 47.54 −37 9 16.8	19.4			1.53	C IV 1549		1948	1948				1948phot mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2230+025 O		22 30 2.68 2 32 27.0	22 32 35.29 2 47 55.0	18.0			2.147+			2043	2043 LBQS				2043B(J)mag Ly alpha abs
2230+114 R X	CTA 102 4C 11.69 PKS OY 150 MC 2 DA 582	22 30 7.84 11 28 22.8	22 32 36.45 11 43 50.8	17.66*	.42	–.79	1.037	C III 1909 Mg II 2798		136	012	249 290 529 760 875 1068 1902	128 789 801 834 882 934 1148 1152 1367 1452 1557 1792 1807 1976 2000	1873	136ubv,703, 900,1626,1988, 2062,2103pol, 1320rpol,879, 936,1119,1173, 1225,1336rvar, 912,1241, 1980x,324,335, 836,1032sp, 749pos,050, 182fc, 836FeIIem, 1526vlbi, 1789mm IRAS source, 1806; superluminal source; 5.53 arcmin from NGC 7305,2118
2230–426 O	MD3:58	22 30 14.74 –42 36 19.8	22 33 11.51 –42 20 51.0	20.1			1.88	H I 1216		1948	1948				1948phot mag
2230–019 O		22 30 27.14 –1 57 31.3	22 33 1.72 –1 42 2.6	17.9			1.286			2043	2043				2043B(J)mag
2230–372 O	MD3:59	22 30 40.93 –37 15 41.5	22 33 33.64 –37 0 12.0	19.0			1.63	C IV 1549 C III 1909		1948	1948				1948phot mag
2230–008 O		22 30 43.36 –0 53 27.8	22 33 17.47 –0 37 58.7	18.5			1.274			2043	2043 LBQS				2043B(J)mag
2231–361	A11.31	22 31 2.9 –36 8 7	22 33 54.78 –35 52 36.9	17.9			1.91			2277	2277				
2231–008 O		22 31 25.85 –0 48 46.0	22 33 59.93 –0 33 15.7	17.6			1.209			2043	2043 LBQS				2043B(J)mag
2231–415 O	MD3:60	22 31 29.15 –41 34 16.7	22 34 24.80 –41 18 45.9	20.1			2.10	H I 1216		1948	1948				1948phot mag
2231–002 O		22 31 35.13 –0 15 29.2	22 34 8.97 0 0 1.3	17.5			3.015			2043	2043 LBQS				2043B(J)mag
2231–419 O	MD3:61	22 31 36.38 –41 55 0.2	22 34 32.27 –41 39 29.2	19.9			2.46	H I 1216		1948	1948				1948phot mag
2231–372 O	MD3:62	22 31 40.56 –37 15 50.7	22 34 33.07 –37 0 19.6	18.2			0.85	C III 1909 Mg II 2798		1948	1948				1948phot mag
2231+014 O		22 31 42.07 1 25 40.9	22 34 15.18 1 41 11.6	18.2			1.908			2043	2043 LBQS				2043B(J)mag
2231–022 O		22 31 52.59 –2 12 9.5	22 34 27.27 –1 56 38.5	18.1			1.905			2043	2043 LBQS				2043B(J)mag
2232–399 O		22 32 0.9 –39 58 16	22 34 55.23 –39 42 44.3	20.0			1.407	C IV 1549 C III 1909		1400	1400				
2232+132 O		22 32 5.7 13 16 31	22 34 33.60 13 32 2.2	20.0			0.760*	C III 1909 Mg II 2798		1438	1438 1692 1723			1438	1723BAL
2232–488 R	PKS	22 32 11.47 –48 51 31.4	22 35 13.25 –48 35 59.3	17.2			0.510	Mg II 2798 H I 4861		1898	1251		1251		1526vlbi, 1898pos
2232–211 R	PKS	22 32 15.3 –21 10 53	22 34 58.55 –20 55 21.2	18.3			1.443	Si IV 1397 O IV 1402 C IV 1549 C III 1909		494	1304		1518		761sp
2232+131 O		22 32 28.4 13 8 18	22 34 56.39 13 23 49.8	20.2			(2.1)	H I 1216 C IV 1549		1438	1438				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2232–390	MD3:63	22 32 29.69	22 35 23.27	19.7			2.24	H I 1216		1948	1948				1948phot mag
O		–39 3 51.4	–38 48 19.0					C IV 1549							
2232–390		22 32 30	22 35 23.58	18.7			1.58	C IV 1549		478	478				
O		–39 4 18	–38 48 45.6					C III 1909			1400				
2232+131		22 32 39.3	22 35 7.28	21.2			(2.2)	H I 1216		1438	1438				
O		13 10 57	13 26 29.1					C IV 1549							
2232+134		22 32 50.5	22 35 18.39	19.2			1.021	C III 1909		1438	1438				
O		13 24 35	13 40 7.4					Mg II 2798			1692				
2232+131		22 32 58.0	22 35 26.01	17.6			1.597	C IV 1549		1438	1438				
O		13 9 11	13 24 43.6					C III 1909			1692				
2233+399	UT	22 33 4.2	22 35 17.45	18.5			2.09	H I 1216		1437	1437				
R		39 54 35	40 10 7.4					Si IV 1397							
								O IV 1402							
								C IV 1549							
								C III 1909							
2233–418	MD3:64	22 33 12.27	22 36 7.75	20.1			2.43	H I 1216		1948	1948				1948phot mag
O		–41 52 48.0	–41 37 14.4					C IV 1549							
2233–385	MD3:65	22 33 21.76	22 36 14.80	19.8			2.25	H I 1216		1948	1948				1948phot mag
O		–38 33 56.2	–38 18 22.4					C IV 1549							
2233+134	PG	22 33 39.8	22 36 7.72	16.04			0.325*	Mg II 2798		1117	1723		2011		1487,1980,
C		13 28 21	13 43 54.7					H I 4340			1117				2112x,1598sp,
X								H I 4861			1438				1630,1700imag,
R											1692				1729,2005ir,
															1723BAL
															faint gals
															near,2118
2233–377		22 33 41.8	22 36 34.23	18.3			2.14	H I 1216		478	478				846rnd
O		–37 46 25	–37 30 50.7					N V 1240			1400				
								C IV 1549							
2233–399	MD3:66	22 33 48.44	22 36 42.36	19.6			2.37	H I 1216		1948	1948				1948phot mag
O		–39 57 44.8	–39 42 10.3												
2233+131		22 33 51.1	22 36 19.16	18.8			3.298*	H I 1216	3.1519	1438	1874			1874	Ly limit abs,
O		13 10 46	13 26 20.0					Si IV 1397	2.8284		1438			2228	z=3.165,1874;
								O IV 1402	2.4915		1692			2263	damped Ly
								C IV 1549	1.0260		2281				alpha, 2243
2233–376	MD3:67	22 33 54.11	22 36 46.42	19.8			1.88	H I 1216		1948	1948				1948phot mag
O		–37 39 36.5	–37 24 1.9												
2233+136		22 33 59.4	22 36 27.24	20.0			3.209*	H I 1216	2.8894	1438	1874			1874	Ly limit abs,
O		13 41 39	13 57 13.2					Si IV 1397	1.8411		1438			2228	z=3.035,1874,
								O IV 1402	1.2655		1692			2263	2125
								C IV 1549	1.0958						
2234+282	B2	22 34 1.7	22 36 22.45	19			0.795	C III 1909		434	443		1152		1201pol,831sp,
R	CTD 135	28 13 21	28 28 55.1					Mg II 2798					1544		1201x,
X													1888		1526vlbi,
															1805mmvar,
															1789mm
															IRAS source,
															1806
2234+132		22 34 4.0	22 36 32.03	20.0			(0.405)			1438	1438				
O		13 16 27	13 32 1.3								1692				
2234–386	MD3:68	22 34 4.38	22 36 57.33	20.1			2.01	H I 1216		1948	1948				1948phot mag
O		–38 38 59.1	–38 23 24.2												
2234–395	MD3:69	22 34 19.08	22 37 12.60	20.0			1.82	H I 1216		1948	1948				1948phot mag
O		–39 33 25.6	–39 17 50.3					O IV 1402							
2234+136		22 34 20.3	22 36 48.17	20.0			(0.295)			1438	1438				
O		13 40 4	13 55 38.8								1692				
2234+135		22 34 52.7	22 37 20.67	19.2			0.384	Mg II 2798		1438	1438				
O		13 32 8	13 47 43.6								1692				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2234+021 O		22 34 54.02 2 8 22.2	22 37 26.85 2 23 58.0	18.4			1.294			2043	2043 LBQS				2043B(J)mag
2234–409 O	MD3:70	22 34 57.91 –40 57 39.4	22 37 52.28 –40 42 3.0	20.1			1.53	C IV 1549 C III 1909		1948	1948				1948phot mag
2234–384 O	MD3:71	22 34 58.83 –38 24 29.5	22 37 51.42 –38 8 53.2	20.2			2.34	H I 1216 C IV 1549		1948	1948				1948phot mag
2234–373 O	MD3:72	22 34 59.19 –37 22 25.2	22 37 51.09 –37 6 48.9	20.1			1.90	H I 1216		1948	1948				1948phot mag
2235+009 O		22 35 0.81 0 54 58.4	22 37 34.15 1 10 34.4	18.5			0.529			2043	2043 LBQS				2043B(J)mag
2235–401 C	QSI2:15	22 35 32.1 –40 6 56	22 38 25.74 –39 51 18.8	20.07		–1.00	(1.455)	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
2235–401 C	QSI2:18	22 35 39.6 –40 9 16	22 38 33.24 –39 53 38.6	20.03		–1.20	1.388	C III 1909		2058	2058				2058Bmag, 2058ubv
2235–390 O		22 35 44.9 –39 0 3	22 38 37.72 –38 44 25.5	17.6			0.79	Mg II 2798		478	478 1400				846rnd
2235–012 O		22 35 49.03 –1 12 45.2	22 38 23.26 –0 57 8.0	18.2			0.361			2043	2043 LBQS				2043B(J)mag
2236–242 O	UM 656	22 36 12.5 –24 16 36	22 38 56.82 –24 0 57.9	18.1			2.45	H I 1216 N V 1240 C IV 1549		1025	1025				
2236–411 O	MD3:73	22 36 36.28 –41 8 21.8	22 39 30.39 –40 52 42.9	19.6			2.04	H I 1216 He II 1640		1948	1948				1948phot mag
2236–015 O		22 36 40.37 –1 34 57.1	22 39 14.74 –1 19 18.5	18.5			1.066			2043	2043 LBQS				2043B(J)mag
2236–003 O		22 36 45.45 –0 23 57.0	22 39 19.34 –0 8 18.3	18.5			1.500			2043	2043 LBQS				2043B(J)mag
2236–416 O	MD3:74	22 36 57.84 –41 38 18.9	22 39 52.23 –41 22 39.5	20.1			1.67	C IV 1549 C III 1909		1948	1948				1948phot mag
2236–392 C	QSI4:15	22 36 58.6 –39 14 28	22 39 51.31 –38 58 48.6	19.88		–.20	1.056	C III 1909		2058	2058				2058Bmag, 2058ubv
2237–025 O		22 37 14.14 –2 34 6.6	22 39 48.91 –2 18 27.2	18.5			1.050			2043	2043 LBQS				2043B(J)mag
2237–396 C	QSI4:40 MD3:75	22 37 32.4 –39 40 59	22 40 25.28 –39 25 18.7	19.11		–1.50	1.844	C IV 1549 C III 1909		1948 2058	1948 2058				2058Bmag, 2058ubv 1948phot mag
2237–387 O	MD3:76	22 37 33.99 –38 47 34.4	22 40 26.27 –38 31 54.1	20.2			2.12	H I 1216		1948	1948				1948phot mag
2237–393 C	QSI4:13	22 37 37.0 –39 18 14	22 40 29.61 –39 2 33.6	19.20		–.50	2.168	H I 1216 C IV 1549		2058	2058				2058Bmag, 2058ubv
2237–395 C	QSI4:38	22 37 38.3 –39 35 25	22 40 31.10 –39 19 44.6	19.37		–.30	2.034	C IV 1549		2058	2058				2058Bmag, 2058ubv
2237–393 C	QSI4:12	22 37 42.6 –39 18 35	22 40 35.19 –39 2 54.5	19.11		–.80	0.713	Mg II 2798		2058	2058				2058Bmag, 2058ubv
2237–393 C	QSI4:14	22 37 52.6 –39 18 22	22 40 45.16 –39 2 41.2	19.25		–1.50	1.871	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
2237+003 O		22 37 52.7 0 23 59.4	22 40 26.27 0 39 39.8	18.4			(2.2)	H I 1216 C IV 1549		1438	1438				
2237–395 C	QSI4:37	22 37 56.5 –39 34 28	22 40 49.22 –39 18 47.1	18.19		–.50	2.024	C IV 1549		2058	2058				2058Bmag, 2058ubv

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2237+030		22 37 57.3 3 5 49	22 40 29.78 3 21 29.5	16.78	.65		1.695+	H I 1216 Si IV 1397 C IV 1549 C III 1909	1.6970 1.6940 0.5664	1434	1434		1434	2048 2263	1868,2221, 2256imag, 2174varnd, 2222phot, 2223sp grav lens,1854 1918,1964,2008 2295; 4 components, 1868;microlens 2044;0.0arcsec from anon gal, 0.0394zgal, 2118
2238–403 C	QSI2:30	22 38 0.2 –40 21 16	22 40 53.44 –40 5 35.0	19.80		–.40	(0.494)	Mg II 2798		2058	2058				2058Bmag, 2058ubv
2238+004 O		22 38 6.6 0 24 44.2	22 40 40.16 0 40 24.9	20.5			(2.2)	H I 1216		1438	1438				
2238–402 C	QSI2:43	22 38 16.1 –40 16 3	22 41 9.22 –40 0 21.6	20.11		–1.50	1.923	C III 1909		2058	2058				2058Bmag, 2058ubv
2238–399 C	QSI2:12	22 38 17.3 –39 59 54	22 41 10.23 –39 44 12.6	19.52		–.70	1.675	C IV 1549 C III 1909		2058	2058				2058Bmag, 2058ubv
2238+015 O		22 38 19.56 1 33 45.1	22 40 52.66 1 49 26.1	18.1			0.714			2043	2043 LBQS				2043B(J)mag
2238–423 O	MD3:77	22 38 41.70 –42 18 58.8	22 41 36.15 –42 3 16.7	19.7			2.44	H I 1216		1948	1948				1948phot mag
2238–175 O	UM 657 PHL 373	22 38 43.6 –17 30 4	22 41 24.52 –17 14 22.2	17.2			1.36	C IV 1549		1025 1871	1025				
2238–412 O	MD3:78	22 38 54.53 –41 15 2.3	22 41 48.17 –40 59 19.9	19.5			1.829*	N V 1240 C IV 1549 C III 1909 Mg II 2798	1.7	471 1948	1479 471 1400 1948			471	1208,1514BAL, 1213rnd z(abs) 1.751– 1.60,471
2238+001 O		22 38 54.7 0 7 25.0	22 41 28.38 0 23 6.9	20.3			(2.2)	H I 1216 C IV 1549		1438	1438				
2239–386 O		22 39 0 –38 36 0	22 41 51.84 –38 20 17.5				3.511*		2.6006 2.3765 1.0328		2059			2059 2125 2228 2263	
2239+002 O		22 39 0.6 0 12 58.4	22 41 34.24 0 28 40.5	20.0			(2.1)	H I 1216 C IV 1549		1438	1438				
2239–417 O	MD3:78	22 39 4.35 –41 43 48.6	22 41 58.29 –41 28 6.0	18.6			1.45	C IV 1549		1948	1948				1948phot mag
2239+001 O		22 39 13.64 0 7 11.9	22 41 47.32 0 22 54.3	18.4			1.44			1438 2043	2043				
2239–421 O	MD3:79	22 39 15.18 –42 11 4.1	22 42 9.40 –41 55 21.2	20.2			1.44	C IV 1549		1948	1948				1948phot mag
2239+096 R	PKS	22 39 19.85 9 38 9.9	22 41 49.72 9 53 52.4	19.5			1.707	H I 1216 O IV 1402 C IV 1549 C III 1909 Mg II 2798		412	1861		1861		
2239+004 O		22 39 26.4 0 26 53.0	22 41 59.95 0 42 35.7	21.0			(2.1)	H I 1216 C IV 1549		1438	1438				
2239+007 O		22 39 30.5 0 43 32.4	22 42 3.94 0 59 15.2	19.8			(2.4)	H I 1216		1438	1438				
2239–009 O		22 39 32.92 –0 55 31.3	22 42 7.01 –0 39 48.4	18.1			0.680			2043	2043 LBQS				2043B(J)mag
2239–369	A11.17	22 39 40.1 –36 59 59	22 42 30.79 –36 44 15.6	18.4			2.8			2277	2277				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2239+002		22 39 43.75	22 42 17.39	18.1			1.234			2043	2043				2043B(J)mag
O		0 12 50.6	0 28 33.7								LBQS				
2239−409	MD3:80	22 39 45.61	22 42 38.86	19.0			1.29	C IV 1549		1948	1948				1948phot mag
O		−40 58 46.6	−40 43 3.0												
2239+001		22 39 59.6	22 42 33.25	20.0			(2.0)	H I 1216		1438	1438				
O		0 11 26.7	0 27 10.2					C IV 1549							
2240+003		22 40 0.6	22 42 34.17	21.1			(3.0)	O VI 1034		1438	1438				
O		0 23 59.7	0 39 43.3					H I 1216							
2240−419		22 40 1.2	22 42 55.07	18			2.08	H I 1216		478	478				846rnd
O		−41 57 28	−41 41 44.0					N V 1240			1400				
								C IV 1549							
2240+007		22 40 5.1	22 42 38.55	21.1			(2.0)	H I 1216		1438	1438				
O		0 42 42.2	0 58 25.9					C IV 1549							
2240−388	MD3:81	22 40 29.89	22 43 21.56	19.1			2.01	H I 1216		1948	1948				1948phot mag
O		−38 50 23.4	−38 34 38.7					C III 1909							
2240−260	PKS	22 40 41.82	22 43 26.41	17.5			0.774			2121	2121				
	OY 268	−26 0 14.6	−25 44 29.8												
2240−370		22 40 55.4	22 43 45.86	18			1.831*	N V 1240	1.8316	471	1479			471	1208,1514BAL,
O		−37 2 50	−36 47 4.7					Si II 1263	1.8		471			1394	1213rnd
								Si IV 1397	1.76		1400				z(abs) 1.82−
								O IV 1402	1.7						1.58,471
								C IV 1549	1.62						
								C III 1909							
								Mg II 2798							
2241−020		22 41 20.47	22 43 54.98	17.5			1.409			2043	2043				2043B(J)mag
O		−2 1 6.0	−1 45 20.5								LBQS				
2241+002		22 41 21.2	22 43 54.84	17.6			2.131			2216	2216				
O		0 14 19	0 30 4.5							2274	2274				
2241−404	MD3:82	22 41 21.69	22 44 14.23	18.3			1.19	C IV 1549		1948	1948				1948phot mag
O		−40 28 21.0	−40 12 35.1												
2241−028		22 41 43.58	22 44 18.42	17.9			0.12			2043	2043				2043B(J)mag
O		−2 53 23.6	−2 37 37.5												
2241+002		22 41 57.85	22 44 31.47	18.3			1.394+			2043	2043				2043BAL?,
O		0 16 39.4	0 32 25.8								LBQS				2043B(J)mag
2242−399	MD3:84	22 42 35.51	22 45 27.44	19.5			2.700+	O VI 1034		1400	1400			1400	
O		−39 58 25.9	−39 42 38.2					H I 1216		1948	1948				
								Si IV 1397							
								O IV 1402							
								C IV 1549							
2243−032	PKS	22 43 36.3	22 46 11.26	19.1 *			1.348	C IV 1549		086	748	1181			1526vlbi
R	4C 03.81	−3 16 28	−3 0 39.2					C III 1909			1181				ref 009 z is
	PB 7191							Mg II 2798							incorrect,1898
2243−123	PKS	22 43 39.79	22 46 18.23	16.45*	.18	−.61	0.63	Mg II 2798		188	058	1800	1162		1188,2229sp,
R	PB 7192	−12 22 39.7	−12 6 50.8					O III 3133							1305ir,
	OY 172.6														1485ubv,
															1526vlbi,
															1789mm,1800,
															2103pol,
															1810pos
2243−387	MD3:83	22 43 53.69	22 46 44.54	19.4			2.16	H I 1216		1948	1948				1948phot mag
O		−38 43 2.2	−38 27 12.7					C IV 1549							
2243−387	B09.08	22 43 53.7	22 46 44.54	18.7			2.19			2277	2277				
		−38 42 32	−38 26 42.5												
2243−417	MD3:84	22 43 55.63	22 46 48.42	20.0			2.29	H I 1216		1948	1948				1948phot mag
O		−41 46 22.9	−41 30 33.3												
2243+016		22 43 55.65	22 46 28.75	18.3			2.314			2043	2043				2043B(J)mag
O		1 41 39.6	1 57 28.8								LBQS				

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2243−376	MD3:85	22 43 59.38	22 46 49.56	20.0			2.18	H I 1216		1948	1948				1948phot mag
O		−37 38 19.7	−37 22 30.1					He II 1640							
2244−223	UM 658	22 44 9.5	22 46 51.98	18.1			2.852	H I 1216		1025	1025				
O		−22 18 58	−22 3 8.3					N V 1240			2130				
								SiIVb 1400							
								C IV 1549							
2244−025		22 44 10.52	22 46 45.21	18.5			1.962			2043	2043				2043B(J)mag
O		−2 34 6.6	−2 18 17.0								LBQS				
2244+003		22 44 12.09	22 46 45.69	17.5			0.973			2043	2043				2043B(J)mag
O		0 20 39.9	0 36 29.5								LBQS				
2244−372	PKS	22 44 14.10	22 47 3.98	19.0			2.252	H I 1216		767	767		023		761sp
R		−37 13 35.0	−36 57 45.0					N V 1240			1304		767		
								C IV 1549							
2244−010		22 44 15.07	22 46 49.21	18.0			2.030			2043	2043				2043B(J)mag
O		−1 5 43.9	−0 49 54.3								LBQS				
2244−003		22 44 36.45	22 47 10.31	17.9			1.051			2043	2043				2043B(J)mag
O		−0 20 57.4	−0 5 7.3								LBQS				
2244−412	MD3:88	22 44 41.09	22 47 33.33	18.4			1.44	C IV 1549		1948	1948				1948phot mag
O		−41 13 6.2	−40 57 15.6												
2244−394	MD3:89	22 44 43.15	22 47 34.28	19.6			1.83	H I 1216		1948	1948				1948phot mag
O		−39 29 13.3	−39 13 22.6					O IV 1402							
2244−021		22 44 48.11	22 47 22.63	17.8			1.968			2043	2043				2043B(J)mag
O		−2 8 18.4	−1 52 28.0								LBQS				
2245−009		22 45 5.18	22 47 39.25	17.4			0.801			2043	2043				2043B(J)mag
O		−0 55 43.5	−0 39 52.7								LBQS				
2245+006		22 45 8.12	22 47 41.61	18.5			0.364			2043	2043				2043B(J)mag
O		0 39 6.4	0 54 57.3								LBQS				
2245−379	MD3:90	22 45 11.86	22 48 1.99	18.4			2.00	H I 1216		1948	1948				1948phot mag
O		−37 59 34.2	−37 43 42.9												
2245−379	B09.07	22 45 11.9	22 48 2.03	17.6			2.02			2277	2277				
		−37 59 20	−37 43 28.7												
2245−393	MD3:91	22 45 14.12	22 48 5.03	20.1			2.84	H I 1216		1948	1948				1948phot mag
O		−39 18 19.0	−39 2 27.6												
2245−128	PKS	22 45 16.5	22 47 55.04	19.1			1.892	H I 1216		296	1304		1518		761sp,
R	PB 7212	−12 53 8	−12 37 16.8					N V 1240							1526vlbi
								Si IV 1397							
								O IV 1402							
								C IV 1549							
								C III 1909							
2245−389	MD3:92	22 45 30.26	22 48 20.87	19.5			2.54	H I 1216		1948	1948				1948phot mag
O		−38 54 56.1	−38 39 4.4												
2245−328	PKS	22 45 51.48	22 48 38.66	18.6			2.268	H I 1216		025	500		384		761,1304sp,
R		−32 51 44.2	−32 35 52.0					N V 1240							1004fc,
								O IV 1402							1526vlbi,
								C IV 1549							1810pos,
								C III 1909							2103pol
2246−309	PKS	22 46 32.5	22 49 18.59	17			1.307	C IV 1549		025	024		384		761,1304sp
R		−30 55 0	−30 39 6.9					C III 1909							
2246−361	A11.35	22 46 38.5	22 49 27.26	18.1			2.7			2277	2277				
		−36 7 3	−35 51 9.7												
2246−389		22 46 56.3	22 49 46.60	17.9			2.12	H I 1216		478	478			2020	846rnd,2020sp
O		−38 56 20	−38 40 26.3					N V 1240							
								C IV 1549							
2246−001		22 46 57.17	22 49 30.94	18.5			2.051			2043	2043				2043B(J)mag
O		−0 6 58.0	0 8 55.3								LBQS				
2247+015		22 47 2.40	22 49 35.56	17.8			1.128			2043	2043				2043B(J)mag
O		1 35 54.9	1 51 48.3								LBQS				

TABLE 1—*Continued*

	OTHER	RA (1950)	RA (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION	Z(ABS)	REFERENCES					NOTES
	NAMES	DEC (1950)	DEC (2000)					LINES		ID	Z	VAR	R	ABS	
2247+132	4C 13.84	22 47 16.08	22 49 44.98	18			0.767	C III 1909		048	443		1111		831sp,1111fc,
R	OY 179	13 15 15.5	13 31 9.1					Mg II 2798					1804		1526vlbi
	PKS							O II 3727							
2247–423	MD3:93	22 47 29.92	22 50 22.21	18.7			1.04	C III 1909		1948	1948				1948phot mag
O		–42 22 4.9	–42 6 10.4												
2247–396		22 47 56.1	22 50 46.62	19.4			2.61	H I 1216		478	478				846rnd
O		–39 40 55	–39 24 60.0					N V 1240							
								C IV 1549							
2247+140	4C 14.82	22 47 56.76	22 50 25.40	16.93	.22	–.89	0.237	Mg II 2798		124	020	529	789		705,1202pol,
R	PKS	14 3 55.4	14 19 49.9					O II 3727			436		1171		939,1026ext,
	OY 181							NeIII 3968					2000		1194,1207,
								S II 4071							1261,1630,
								H I 4340							1884imag,
								O III 4363							1478fc,
								H I 4861							1485ubv,
								O III 4959							1526vlbi
								O III 5007							faint gals
															near,2118
2248+192	4C 19.74	22 48 6.19	22 50 32.83	18.5			1.798*	H I 1216	1.2701	124	009		789	2049	1818,1891pos
R	VR19.22.03	19 15 25.1	19 31 19.8					Si IV 1397			436		1818	2263	
	OY 182							C IV 1549			2049				
								He II 1640			2281				
								C III 1909							
2248+014		22 48 6.72	22 50 39.93	18.2			2.559+			2043	2043				2043B(J)mag
O		1 27 50.1	1 43 45.0								LBQS				Ly alpha abs
2249+018		22 49 2.39	22 51 35.47	18.3			0.371			2043	2043				2043B(J)mag
O		1 51 35.9	2 7 32.0								LBQS				
2249+185	3CR 454	22 49 7.74	22 51 34.76	18.47*	.12	–.95	1.761*	H I 1216	1.7676	064	098	249	128	1749	003ubv,831sp,
R	4C 18.67	18 32 43.9	18 48 40.0					C IV 1549	1.1048		2049	290	462	2049	050,301,529fc
	PKS							He II 1640	0.7820		2281	529	787	2263	
	MC 3							O III 1663				760	789		
	NRAO 699							C III 1909					882		
								Mg II 2798					916		
													1393		
													1585		
													1818		
													1891		
													1976		
													2000		
													2013		
2249–019		22 49 22.03	22 51 56.43	18.3			0.832			2043	2043				2043B(J)mag
O		–1 54 56.1	–1 38 59.5								LBQS				
2249+025		22 49 33.71	22 52 6.55	18.4			0.284			2043	2043				2043B(J)mag
O		2 34 4.4	2 50 1.2								LBQS				
2250–000		22 50 17.70	22 52 51.45	18.3			1.572			2043	2043				2043B(J)mag
O		–0 2 18.8	0 13 38.9								LBQS				
2250–372	A11.09	22 50 22.2	22 53 10.80	18.2			3.2			2277	2277				
		–37 13 54	–36 57 55.8												
2250–391		22 50 43.9	22 53 33.47	18.8			2.35	H I 1216		478	478				846rnd
O		–39 8 49	–38 52 50.3					N V 1240							
								C IV 1549							
2250–360	A11.45	22 50 56.7	22 53 44.56	18.9			2.08			2277	2277				
		–36 2 36	–35 46 37.1												

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2251+158	3CR 454.3	22 51 29.55	22 53 57.78	16.1 *	.47	–.66	0.859	C III 1909		066	002	007	128	1873	003,007,
R	4C 15.76	15 52 54.6	16 8 53.7					Mg II 2798			005	066	462		233ubv,004,
X	PKS							H I 4340				183	789		183,703,705,
	OY 185											212	816		900,1541,1626,
	NRAO 701											247	834		1730,1988,
	DA 586											248	837		2062,2103pol,
	MC 3											252	898		836,958FeIIem,
												253	934		1320,1388rpol,
												290	993		801,879,887,
												291	1128		910,936,1119,
												292	1152		1173,1204,
												529	1167		1225,1322,
												754	1212		1336,1595,
												755	1229		1721rvar,
												920	1252		1357mf,1028,
												1068	1367		1789mm,1088,
												1142	1543		1107,1980x,
												1657	1544		324,836,958sp,
												1802	1557		781,799,1589,
												1834	1771		1617,2021ir,
												1933	1792		749pos,232,
												2054	1807		1478fc,1466,
													1930		1526,1743,
													2009		1919vlbi,
													2013		1805mmvar,
													2070		1852phot
													2085		IRAS source,
															1806;faint
															gals near,2118
2251+113	PKS	22 51 40.56	22 54 10.43	15.77*	.17	–.87	0.323	Mg II 2798		055	054	080	128		055,1485ubv,
R	4C 11.72	11 20 39.6	11 36 39.0					O III 3133		1438		212	775		004,080,705,
X	OY 186							H I 4340				247	789		1202pol,1183,
	PG							O III 4363				248	1111		1487,2112x,
								H I 4861				252	1170		1223,1362ext,
								O III 4959				290	1888		038,324,336,
								O III 5007				529	2011		1032,1117,
												920			1922,2047sp,
												1068			1073,1355,
															1693,1941uv,
															799,1617,1729,
															2005ir,749pos,
															873xnd,1600,
															1630imag,111,
															219,320fc
															0.47,0.68,4.2,
															10.4,11.0
															arcmin from 5
															anon gals,
															0.3228,0.3312,
															0.0360,0.0273,
															0.0285zgals,
															1650,2118
2251+244	4C 24.61	22 51 44.32	22 54 9.27	17.8			2.327*	H I 1216	2.3638	033	032		462	032	831,1032,
R	PKS	24 29 24.7	24 45 24.1					N V 1240	2.3524		009		462	327	1181sp,
	CTD 136							Si IV 1397	2.1554		748		774	2049	1201pol,
	VR24.22.05							O IV 1402	1.7495		2049		800	2228	1617ir,
	DA 587							C IV 1549	1.0901		2281		816	2263	1526vlbi,2010,
	OY 286							C III 1909					1818		2266imag,
	B2												1891		202fc
	GC												2162		
2251+134	4C 13.85	22 51 51.93	22 54 21.07	19.25			0.673	Mg II 2798		124	436		789		1526vlbi
R		13 25 49.1	13 41 48.7					O II 3727			443		1111		
								NeIII 3869					1145		
													1888		
2252+129	3CR 455	22 52 34.53	22 55 3.89	19.7			0.543	Mg II 2798		234	234		128		1194imag,
R	4C 12.79	12 57 33.5	13 13 34.0					O II 3727					462		513fc
	PKS												774		0.4arcmin from
	OY 188												775		NGC 7413, 4.35
	NRAO 702												787		arcmin from
	DA 588												1804		NGC 7414,2118
													1891		
													2013		
2253+417	OY 489	22 53 19.8	22 55 36.67	18.8			1.476	C IV 1549		507	538		1521		1526vlbi
R	GC	41 46 53	42 2 54.2					C III 1909							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2254-393 O		22 54 5.5 -39 22 56	22 56 54.44 -39 6 53.2	18.6			2.28	H I 1216 N V 1240 C IV 1549		478	478				846rnd
2254+024 R X	PKS OY 091.3 GC PB 5195	22 54 44.62 2 27 13.8	22 57 17.57 2 43 17.1	17.07			2.091	H I 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 C III 1909		083	083 569 748 2251		023 128 789 1170		1513elp,912, 1980x,1032, 1181sp, 1526vlbi 1902avg ph mag
2254+074 BL Lac R X	OY 091 PKS	22 54 46.01 7 27 9.3	22 57 17.34 7 43 12.5	17.03*	.66	-.44				165		875 970 1068 1902 2054 2073	1200 1367		323ubv,323, 1626,1988, 2046,2062pol, 1086rvar,778, 1057,1307, 2112x,1164mf, 781,1012, 1617ir,009, 044,493,761sp, 749pos, 1526vlbi, 213fc,1902OVV 0.19zgal,1850; 0.17zgal,1786; IRAS source, 1806; 1902avg Bmag
2255-282 R	PKS	22 55 22.48 -28 14 26.0	22 58 5.98 -27 58 21.7	16.77	.58	-.89	0.926+	C III 1909 Mg II 2798		188	024 058		1162	058	1526vlbi, 2103pol,761, 1304sp,1305ir, 1485ubv, 1789mm, 1810pos
2256+017 R	PKS	22 56 24.59 1 47 36.7	22 58 57.77 2 3 42.0	18.5			2.663+	O VI 1034 H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909		045	020 044		789	986	582,986sp, 1092ir, 1526vlbi
2257-344	A12.03	22 57 16.0 -34 29 10	23 0 1.86 -34 13 3.5	19.2			2.20			2277	2277				
2257+157 C	NGC 7448 UB 1	22 57 36 15 42 48	23 0 4.78 15 58 54.5	19.2			1.66			540	540				32.17 arcmin from NGC 7448, 2.13 arcmin from NGC 7465, 3.17 arcmin from NGC 7464, 3.83 arcmin from NGC 7463, 2118
2257-270 R	PKS	22 57 42.8 -27 0 30	23 0 25.47 -26 44 23.0	20.3			1.481	C IV 1549 C III 1909		296	1304		1518		761sp
2258-391 O	MC	22 58 42.7 -39 10 12	23 1 30.48 -38 54 3.8	18			2.05	H I 1216 N V 1240 C IV 1549		478	478				846rnd
2259-374 O		22 59 12.1 -37 28 0	23 1 58.94 -37 11 51.2	19.0			1.09	C III 1909 Mg II 2798		980	980				
2259-349 O		22 59 42.3 -34 55 5	23 2 27.88 -34 38 55.7	19.8			2.77	H I 1216 C IV 1549		980	980				
2300-683 R	PKS	23 0 28.5 -68 23 56	23 3 44.18 -68 7 45.5	16.38	.22	-.77	0.512	Mg II 2798 H I 4340 H I 4861 O III 5007		411	493				761,1304, 1420sp,780, 886,1617ir, 1485ubv, 1420FeIIem

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2300−444 O		23 0 31.6 −44 26 38	23 3 21.73 −44 10 27.7	16.9	.50		1.943			1799	1799				393 kpc from Grus Cl,1799
2300−352 O		23 0 33.3 −35 12 48	23 3 18.84 −34 56 37.7	17.9			2.84 +	H I 1216 C IV 1549		980	980			980	
2300+345 R	UT	23 0 59.7 34 30 38	23 3 21.96 34 46 48.2	18			2.49	H I 1216 C IV 1549		1437	1437				
2301−441 O		23 1 0.2 −44 11 49	23 3 50.06 −43 55 38.2	18.4	.20		2.060			1799	1799				340 kpc from Grus Cl,1799
2301+003 O	PC	23 1 41.0 0 21 28	23 4 14.64 0 37 39.2	22.45			2.647	H I 1216 O IV 1402 C IV 1549 He II 1640 C III 1909		1517	1517				
2301+060 R	PKS	23 1 56.28 6 3 56.4	23 4 28.28 6 20 7.8	18.8			1.268	C IV 1549 He II 1640 C III 1909 Mg II 2798		010	1861		1861		
2302+029 C R	PG PB 5235	23 2 12.0 2 55 34	23 4 44.91 3 11 45.7	16.03			1.052	Mg II 2798		1117	1117 2251		2011	2075	1218uv,1537, 1598sp, 1536ext,1729, 2005ir,2112x
2302−713 R	PKS	23 2 20.03 −71 19 23.3	23 5 41.26 −71 3 10.7	17.5	−.10	−.80	0.384	Mg II 2798 H I 4861 O III 4959 O III 5007		103	094		103		235ubv,411fc
2302−279 R	PKS	23 2 33.4 −27 55 2	23 5 15.71 −27 38 49.6	17.8			1.435	C IV 1549 C III 1909 Mg II 2798		296	500		500 1518		761,1304sp, 1352spvar
2303−784 R	PKS	23 3 0.3 −78 24 6	23 6 50.67 −78 7 52.4	15.44	.68	−.07	0.127			807	807				1485ubv
2303−052 R	PKS 4C 05.95	23 3 40.13 −5 16 2	23 6 15.34 −4 59 48.7	19.5			1.139	C II 2326 Mg II 2798 Ar IV 2854		412	500		1111 1518 1976		761,1304sp, 1305ir,078fc, 1526vlbi
2303−391 O		23 3 50.5 −39 6 3	23 6 37.07 −38 49 49.2	17.7			0.36	Mg II 2798		478	478				846rnd
2303+183 R		23 3 53.63 18 23 47.2	23 6 22.10 18 40 0.6	18			1.557	C IV 1549 C III 1909		476	476				
2304−423 O		23 4 29.1 −42 19 34	23 7 17.05 −42 3 19.5	17.9	.30		2.630	O VI 1034 H I 1216 N V 1240 C IV 1549		478 1799	1799 478				846rnd 415 kpc from Grus Cl,1799
2304−409 O		23 4 42.4 −40 56 12	23 7 29.62 −40 39 57.3	19.2			2.14	H I 1216 N V 1240 C IV 1549		478	478				846rnd
2305+187 R	4C 18.68 OZ 108 PKS NRAO 703 VR18.23.02	23 5 17.15 18 45 5.4	23 7 45.64 19 1 20.2	17.92*	.13	−.75	0.313	Mg II 2798 H I 4861 O III 4959 O III 5007		009 2292	009	1902 2174	789 981 1111 1171 1638		705,1202pol, 749pos,939, 1026ext, 1485ubv, 1922sp 1207,1259,1261 1470,1630,1700 imag/ext; 0.117 and 0.583 arcmin from 2 anon gals,0.2427, 0.2424zgals, 1650,2118; faint gals near,2118; 1902avg Bmag
2306−425 O		23 6 39.7 −42 33 51	23 9 27.20 −42 17 34.4	19.0	.10		1.841			1799	799				323 kpc from Grus Cl,1799

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2307−422		23 7 11.6	23 9 58.81	19.4			2.23	H I 1216		478	478				
O		−42 13 48	−41 57 30.8					N V 1240							
								C IV 1549							
2308+341	GC	23 8 41.0	23 11 4.90	19.5			1.817	H I 1216		009	009		1297		831sp
R	B2	34 8 42	34 25 0.0					C IV 1549			443				
2308+098	4C 09.72	23 8 47.2	23 11 18.43	16.00	.15	−.77	0.432*	Mg II 2798	−.0000	124	020	2174	775	560	705,1202pol,
R	OZ 014	9 51 56	10 8 14.3					H I 4340			084		789	2263	958,
	MSH 23+03							O III 4363			436		1145		1420FeIIem,
	PG							H I 4861			1731		1586		958,1117,1420,
								O III 4959					2011		1467sp,1194,
								O III 5007							1700imag,1355,
															1693,2061uv,
															759varnd,
															203fc,1451ubv,
															2112x
															0.15 arcmin
															from anon gal,
															0.1726zgal,
															1650,2118;
															faint gals
															near,2118
2310−451	C14.27	23 10 6.9	23 12 54.71	18.2			1.92			2277	2277				
		−45 8 47	−44 52 27.1												
2310−322	PKS	23 10 27.5	23 13 10.03	16.6			0.337	Mg II 2798		025	058		384		761sp,780,
R		−32 14 7	−31 57 46.8					Ne V 3426			1304				886ir
								O II 3727							
								NeIII 3869							
								H I 4102							
								H I 4340							
								H I 4861							
								O III 4959							
								O III 5007							
2310+385	UT	23 10 36.3	23 12 58.92	17.5			2.17	H I 1216		1437	1437		2162		
R		38 31 23	38 47 42.8					N V 1240							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
2311+452	PKS	23 11 21.80	23 13 41.68	19			2.883	O VI 1034		1986	1984				
R		45 12 10.0	45 28 30.4					H I 1216							
								Si IV 1397							
								O IV 1402							
								C IV 1549							
								C III 1909							
2311−036	UM 659	23 11 31.4	23 14 6.03	19.9			3.048*	H I 1216	2.8405	1025	1874			1874	
O		−3 41 56	−3 25 35.1					N V 1240	1.5108		1025			2263	
								Si IV 1397	1.4524		2281				
								O IV 1402							
								C IV 1549							
2311−424		23 11 37.9	23 14 24.05	19.1			2.17	H I 1216		430	430				
O		−42 24 57	−42 8 35.7					C IV 1549			479				
											1022				
2311−379		23 11 49.1	23 14 33.40	18.7			1.56	C III 1909		478	478				846rnd
O		−37 58 19	−37 41 57.6												
2312−421		23 12 2.0	23 14 47.95	19.7			2.28	H I 1216		430	1022				
O		−42 11 53	−41 55 31.4					C IV 1549							
2312−419		23 12 2.5	23 14 48.34	19			1.86	H I 1216		430	430				
O		−41 57 1	−41 40 39.3					C IV 1549			479				
											1022				
2312−319	PKS	23 12 6.33	23 14 48.46	18.5			0.284	Mg II 2798		025	1004				1004fc,
R		−31 55 0.9	−31 38 39.3												1526vlbi
2313−339	A13.02	23 13 13.6	23 15 56.18	18.3			2.9			2277	2277				
		−33 55 59	−33 39 36.4												
2313−423		23 13 21.8	23 16 7.47	19.5			3.36	H I 1216		980	980				
O		−42 21 19	−42 4 56.2					C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2313–439 R	PKS	23 13 34.86 –43 54 10.2	23 16 21.13 –43 37 47.2	20.1			1.847	H I 1216 O IV 1402 C IV 1549 C III 1909 Mg II 2798		1861	1861		1861		
2313–421 O		23 13 37.7 –42 8 34	23 16 23.22 –41 52 11.0	19.9			2.78	H I 1216 C IV 1549		430	430 479 1022				
2313–424 O		23 13 50.1 –42 26 51	23 16 35.69 –42 10 27.8	20.3			2.37	H I 1216 C IV 1549		430	430 479 1022				
2314–340	A13.04	23 14 0.8 –34 5 25	23 16 43.28 –33 49 1.7	18.9			3.1			2277	2277				
2314–409 R	PKS	23 14 2.01 –40 57 44.7	23 16 46.95 –40 41 21.3	17.97			2.448	LYB 1026 O VI 1034 H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1898	1251				1526vlbi See ref 1022
2314+160 R		23 14 9 16 1 40	23 16 39.03 16 18 3.1	18			(0.659)	Mg II 2798		476	476				
2314–423 O		23 14 16.5 –42 23 15	23 17 1.95 –42 6 51.4	18.4			(0.27)			430	479 430				
2314+374 R	UT	23 14 43.7 37 26 49	23 17 7.65 37 43 12.4	18.5			1.08	C III 1909 Mg II 2798		1437	1437				
2314–116 C R	PKS PHL 441	23 14 46.06 –11 38 48.7	23 17 22.43 –11 22 24.9	17.5			0.549	Mg II 2798 Ne V 3426 NeIII 3869 NeIII 3968		296	493		1518 1888		761,1304sp PHL 2191 per ref 1871
2315–424 O		23 15 15.9 –42 27 33	23 18 1.12 –42 11 8.6	19.7			1.92	H I 1216 C IV 1549		430	430 479 1022				
2315–423 O		23 15 18.4 –42 21 23	23 18 3.57 –42 4 58.6	21.2			2.02	H I 1216 C IV 1549		430	430 479 1022				
2315–404 R	PKS	23 15 22.63 –40 26 29.8	23 18 7.04 –40 10 5.3	18.0			2.06	H I 1216 Si IV 1397 O IV 1402 C IV 1549		025	767		387 767		
2315–049 C	NGC 7585 UB 1	23 15 24 –4 56 18	23 17 58.83 –4 39 53.7	18.7			1.41				549				near NGC 7576, 6.92 arcmin from NGC 7592, near NGC 7585, 2118
2315–425 O		23 15 29.9 –42 30 13	23 18 15.08 –42 13 48.4	20			2.83	H I 1216		430	430 442 479 1022				8.75 arcmin from NGC 7582, 9.18 arcmin from NGC 7590, 2118
2315–338	A13.01	23 15 41.9 –33 51 35	23 18 23.99 –33 35 10.3	18.3			2.07			2277	2277				
2318+049 R	OZ 031 PKS PB 5337 GC	23 18 12.13 4 57 23.2	23 20 44.86 5 13 49.6	19			0.622	Mg II 2798 H I 4340 O III 4363		237	831 009 443		010 1297		1207,1261imag, 865,1810pos, 010fc, 1526vlbi, 1789mm
2318+026 R	PKS 4C 02.58	23 18 14.40 2 40 34.4	23 20 47.60 2 57 0.9	18.81			1.968	H I 1216 C IV 1549		050 1111	436		351 789 1476 1877		

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2318–423 X	1E	23 18 15.5 –42 19 59.0	23 20 59.89 –42 3 32.2	17.0			0.212	H I 4340 H I 4861		1233	1233				1233FeIIem
2318+013 O	PC	23 18 41.2 1 19 24	23 21 14.68 1 35 50.8				3.195			1698	1698				18.5rmag,1698
2319–383 O		23 19 33.4 –38 19 43	23 22 16.10 –38 3 15.3	17.3			0.370+	Mg II 2798 H I 4340 H I 4861 O III 5007		478	478 2199			478	2145imag 620 arcmin from NGC 55, 1650
2320+079 R	PKS OZ 033 DA 599 PB 5355	23 20 2.5 7 55 48	23 22 34.69 8 12 15.8	17.5			2.09	H I 1216 Si IV 1397 C IV 1549		100	100		023		1513elp,530fc, 1526vlbi
2320–312 R	PKS	23 20 46.95 –31 14 25.2	23 23 27.36 –30 57 56.6	19.0			2.47	H I 1216 Si IV 1397 O IV 1402		384	767		384 767		767fc
2320–035		23 20 52.04 –3 33 39.6	23 23 26.47 –3 17 11.1	20.6			2.041	C IV 1549 C III 1909		025	058 419		1976		045fc
2320–035 R	PKS PHL 2278	23 20 57.55 –3 33 32.8	23 23 31.98 –3 17 4.3	18.6			1.411	H I 1216 Si IV 1397 O IV 1402 C IV 1549		025 440 1871	058 419		789		1181sp,045fc, 1526vlbi
2321–375 O R	PKS	23 21 25.5 –37 30 54	23 24 7.53 –37 14 24.9	18.9 *			0.37	Mg II 2798		478	478	025 478	846 904		
2322–414 O		23 22 19.1 –41 29 53	23 25 2.16 –41 13 23.3	17.6			0.37	Mg II 2798		478	478				
2322+110 R	MC 2	23 22 47.09 11 2 9.0	23 25 18.81 11 18 38.7	19.2			1.965	C IV 1549 C III 1909 Mg II 2798			019		1818 1976		1818pos
2323–389 O		23 23 27.5 –38 58 32	23 26 9.51 –38 42 1.5	19.4			2.10	H I 1216 N V 1240 C IV 1549		478	478				
2325–150 R	PKS	23 25 11.5 –15 4 28	23 27 47.87 –14 47 56.5	18.1			2.465	O VI 1034 H I 1216 N V 1240 Si II 1263 O I 1304 Si IV 1397 O IV 1402 C IV 1549		011	1304		1518		1305ir,761sp, 1526vlbi
2325+269 R	4C 27.52 3C 463 PKS NRAO 713 CTD 140 OZ 242 B2	23 25 28.43 26 59 20.4	23 27 57.25 27 15 51.8	17.5			0.875	C III 1909 Mg II 2798		033	032		462 774 775 800 1888		831sp,139, 1478fc, 1201pol
2325+293 R	4C 29.68 CTD 141 B2 OZ 243	23 25 42.23 29 20 38.6	23 28 10.58 29 37 10.1	17.3	.65	–.87	1.015	C III 1909 C II 2326 Mg II 2798		033	098 002 054		128 462 774 775 800 1476		059ubv, 1201pol, 1320rpol, 222fc,324sp
2326–477 R	PKS	23 26 33.71 –47 46 51.8	23 29 17.71 –47 30 19.3	16.79	.25	–.98	1.299*	C IV 1549 C III 1909 Mg II 2798	1.2610	095	094 410 1731		023	2075 2263	1485ubv,1617, 1983ir, 1526vlbi, 411fc,761, 1304sp,1628, 1941uv,1897, 1898pos, 2103pol
2326–502 R	PKS	23 26 36.01 –50 12 13.5	23 29 20.91 –49 55 41.0	19.0			(0.518)	Mg II 2798		411	1251		1251		1526vlbi, 1898pos

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2327-411		23 27 3.2	23 29 44.96	18.3	.10		0.478			1799	1799				128 kpc from
O		-41 8 23	-40 51 50.2												Grus Cl,1799
2327+335	GC	23 27 45.57	23 30 13.34	18.5			1.809	H I 1216		216	476		216		1526vlbi
R	B2	33 32 4.7	33 48 37.4					C IV 1549			1437				
	UT							C III 1909							
2328+107	MC 2	23 28 9.1	23 30 41.17	18.1			1.489	C IV 1549		464	443		1152		1201pol,
R	4C 10.73	10 43 48	11 0 21.1					C III 1909			019		2085		1320rpol,
	PKS							Mg II 2798			748				050fc,1032,
	OZ 146.9														1181sp,
	GC														1526vlbi
2328+167	MC 3	23 28 10.11	23 30 41.19	18.3			0.284	Mg II 2798		476	019		1111		1630,1884imag
R		16 46 4.4	17 2 37.5					NeIII 3869			476		1171		faint gals
								H I 4340							near,2118
								H I 4861							
								O III 5007							
2328-374		23 28 32	23 31 12.46	17.9			2.265	H I 1216		1247	1247				
O		-37 28 0	-37 11 26.4					N V 1240							
								C IV 1549							
								C III 1909							
2328-414		23 28 34.6	23 31 16.06	16.9	0.00		0.252			1799	1799				138 kpc from
O		-41 25 32	-41 8 58.3												Grus Cl,1799
2328-385		23 28 35.8	23 31 16.50	19.3			1.90	H I 1216		478	478				846rnd
O		-38 31 19	-38 14 45.3					N V 1240							
								C IV 1549							
2328-381		23 28 47.9	23 31 28.45	18.4			1.53	C IV 1549		478	478				846rnd
O		-38 7 3	-37 50 29.2					C III 1909							
2329-162	PKS	23 29 2.40	23 31 38.66	19.9			1.155	C IV 1549		762	1304		1518		761sp,1305ir,
R		-16 13 31.4	-15 56 57.6					C III 1909							1526vlbi,
								Mg II 2798							1352spvar,
															1810pos
2329-020	UM 164	23 29 3	23 31 37.06	17			(1.90)	H I 1216		445	480				
O	PB 5427	-2 0 4	-1 43 30.3					C IV 1549							
	PHL 553														
2329-412		23 29 9.3	23 31 50.56	18.5	.30		1.853			1799	1799				152 kpc from
O		-41 15 26	-40 58 52.0												Grus Cl,1799
2329-384	PKS	23 29 18.9	23 31 59.42	17.04	.31	-.73	1.195	C IV 1549		095	094		023		761,1304sp,
R		-38 28 22	-38 11 47.9					C III 1909			493				1320rpol,
								C II 2326							411fc,1485ubv,
								Mg II 2798							1526vlbi,
															1352spvar
2329-376		23 29 27.9	23 32 8.19	18.1			1.84	C IV 1549		478	478		846		
O		-37 39 2	-37 22 27.9										904		
R															
2329-406		23 29 37.6	23 32 18.59	18.5			2.17	H I 1216		478	478				846rnd
O		-40 38 52	-40 22 17.8					N V 1240							
								C IV 1549							
2329-366		23 29 39	23 32 19.02	17.5			1.359	1549 1909		1247	1247				
O		-36 38 0	-36 21 25.8												
2331+022	PC	23 31 58.5	23 34 31.95	19.98			4.092	O VI 1034		2014	2014				2014rmag
O		2 16 47	2 33 22.2					H I 1216							
								N V 1240							
								O I 1304							
								Si II 1307							
								O IV 1402							
								C IV 1549							
2332-377		23 32 17.6	23 34 57.30	18.8			2.02	H I 1216		478	478				846rnd
O		-37 47 58	-37 31 22.4					N V 1240							
								C IV 1549							
2332+489	OZ 453.7	23 32 17.90	23 34 42.78	18.2			1.534	C IV 1549		507	538		1818		1818pos
R		48 58 44.0	49 15 19.1					C III 1909					1891		

1993ApJS...87..451H

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2332−293 R	PKS	23 32 40.68 −29 23 52.3	23 35 18.69 −29 7 16.5	19.0			2.14 +	H I 1216 N V 1240 C IV 1549		296	767		767	767	
2332−017 R	PKS PB 5458	23 32 46.43 −1 47 44.7	23 35 20.42 −1 31 9.0	18.78*			1.185	C IV 1549 C III 1909		026	436 748	1181	789		436,1032, 1181sp, 1526vlbi, 1898pos
2333+019 C R	UB 1 PB 5468	23 33 57.1 1 54 10	23 36 30.62 2 10 46.2	18			1.871	H I 1216 Si IV 1397 O IV 1402 C IV 1549		461	461		461 1976		2.0arcmin from NGC 7714,3.37 arcmin from NGC 7715,2118
2334+019 C	UB 2 PB 5468B	23 34 22.42 1 55 36.1	23 36 55.94 2 12 12.5	19			2.193	H I 1216 N V 1240 O I 1304 Si IV 1397 O IV 1402 N IV 1488 C IV 1549 Ne IV 1602 O III 1663 C III 1909		461	461				8.0arcmin from NGC 7714,6.68 arcmin from NGC 7715,2118
2335−181 R	PKS MC	23 35 20.66 −18 8 57.5	23 37 56.65 −17 52 20.5	16.55*	.07	−.91	1.441	C IV 1549 He II 1640 C III 1909 Mg II 2798 Ar IV 2854		086	024 466 1305	1902	024	560	761,1304sp, 1526vlbi, 466fc,1485ubv 1902avg ph mag
2335−027 R	PKS	23 35 23.27 −2 47 34.6	23 37 57.36 −2 30 57.7	19.27			1.072	C IV 1549 C III 1909		026	436		789		1526vlbi
2335+031 BL Lac R	4C 03.59 PKS OZ 061	23 35 34.31 3 10 12.3	23 38 7.70 3 26 49.2	18.76*	.68	−.39				528 1898		323 528	1086 1127 1441		323,528ubv, 781ir, 2259imag, 044sp,1164mf, 1526vlbi, 2112x 0.31zgal,1786
2335+358 R	UT	23 35 52.3 35 49 45	23 38 21.24 36 6 21.9	18.5			2.28	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909		1437	1437		2162		
2336−462	C15.41	23 36 38.8 −46 14 49	23 39 19.24 −45 58 11.3	18.4			2.19			2277	2277				
2336−413 O		23 36 59.7 −41 20 0	23 39 39.00 −41 3 22.2	18.6			2.29	H I 1216 N V 1240 C IV 1549		478	478				846rnd
2338−463	C15.40	23 38 22.8 −46 22 2	23 41 2.74 −46 5 23.6	18.2			2.64			2277	2277				
2338+042 R	PKS 4C 04.81	23 38 24.66 4 14 37.2	23 40 57.98 4 31 15.3	19.5			2.591*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 He II 1640 O III 1663 C III 1909	2.5896 1.7977	052	423 476 2049 2281		1064 1804 1818 1891	2049 2263	1320rpol, 2266imag, 1818pos
2338−393 O		23 38 38.6 −39 19 4	23 41 17.13 −39 2 25.6	19			2.31	H I 1216 N V 1240 C IV 1549		478	478				846rnd
2338+191 R	UT	23 38 47.1 19 11 27	23 41 18.84 19 28 5.2	18.0			1.78 +	H I 1216 C IV 1549 C III 1909		1437	1437			1437	
2340+009 O		23 40 19.8 0 58 42	23 42 53.47 1 15 20.8	19.3			(2.37)	H I 1216 C IV 1549		1072	1072				
2340+008 O		23 40 21.2 0 51 25	23 42 54.88 1 8 3.9	19.8			1.37	C IV 1549 C III 1909		1072	1072				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2340−036 R	PKS PB 7853	23 40 22.5 −3 40 20	23 42 56.60 −3 23 41.1	16.02	.51	−.48	0.896	C III 1909 C II 2326 Mg II 2798 O III 3133 Ne V 3426		026	084		775		705,1202pol, 1451ubv, 2251sp
2340+007 O		23 40 23.6 0 44 37	23 42 57.29 1 1 15.9	20.8			(2.32)	H I 1216		1072	1072				
2340+010 O		23 40 24.4 1 5 11	23 42 58.06 1 21 49.9	20.7			2.18	H I 1216 O IV 1402		1072	1072				
2340+362 R	UT	23 40 27.8 36 12 19	23 42 57.66 36 28 57.7	18.5			0.73	C III 1909 Mg II 2798		1437	1437				
2340+011 O		23 40 47.8 1 6 4	23 43 21.46 1 22 43.0	19.3			2.35	H I 1216 C IV 1549		1072	1072				
2340+008 O		23 40 49.3 0 50 50	23 43 22.99 1 7 29.0	19.7			2.14	H I 1216 C IV 1549		1072	1072				
2340+010 O		23 40 50.4 1 2 41	23 43 24.07 1 19 20.0	18.7			2.34	H I 1216 C IV 1549		1072	1072				
2340−003 O	UM 173 PB 5512	23 40 52 −0 19 42	23 43 25.79 −0 3 3.0	17			1.366	C IV 1549 He II 1640		445	445 2251				
2340−383 O		23 40 54.0 −38 23 0	23 43 31.86 −38 6 20.7	19.2			1.61	H I 1216 N V 1240 C IV 1549		1431	1431				
2341+012 O		23 41 1.6 1 15 39	23 43 35.25 1 32 18.1	21.5			1.66	C IV 1549 C III 1909		1072	1072				
2341+008 O		23 41 5.2 0 49 37	23 43 38.89 1 6 16.1	20.2			(2.06)	H I 1216 Si IV 1397 O IV 1402 C IV 1549		1072	1072				
2341+009 O		23 41 6.7 0 56 15	23 43 40.38 1 12 54.1	19.2			(1.40)	C IV 1549 C III 1909		1072	1072				
2341+008 O		23 41 24.6 0 50 28	23 43 58.29 1 7 7.2	20.5			2.28	H I 1216 C IV 1549		1072	1072				
2341−235 O	UM 660	23 41 43.6 −23 33 0	23 44 19.52 −23 16 20.5	18.1			2.825*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.6793 2.2383 1.0757	1025	1874 1025 2281			1874 2228 2263	1025,1208BAL
2341+010 O	UM 175	23 41 49.6 1 3 24	23 44 23.27 1 20 3.3	18.6			1.96	H I 1216 Si IV 1397 O IV 1402 C IV 1549		445	480 1072				1072fc
2341+010 O		23 41 54.9 1 1 3	23 44 28.58 1 17 42.4	19.5			1.77	C IV 1549 C III 1909		1072	1072				
2342+089 O		23 42 0 8 54 0	23 44 33.00 9 10 39.4				2.784*	Si IV 1397 O IV 1402 C IV 1549	2.6270 2.5888 2.4442 2.3483 2.3466 2.1884 0.9489 0.8380 0.7233		1872			1872 1873 2228	
2342+821 R		23 42 6.35 82 10 1.3	23 44 3.70 82 26 40.3	20.5			0.735				1862				1862vlbi
2342+008 O		23 42 8.8 0 49 9	23 44 42.49 1 5 48.4	19.9			1.57	C IV 1549 C III 1909		1072	1072				
2342+007 O		23 42 32.6 0 44 55	23 45 6.30 1 1 34.6	18.9			2.70	H I 1216 O IV 1402		1072	1072				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B–V)	(U–B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2342+010 O		23 42 50.1 1 2 50	23 45 23.78 1 19 29.7	18.9			2.16	H I 1216 Si IV 1397 C IV 1549		1072	1072				
2343+125 O		23 43 0 12 30 0	23 45 32.75 12 46 39.6				2.515*	Si IV 1397 O IV 1402 C IV 1549	2.5696 2.4308 2.4285 2.1714 2.1693 2.1143 0.7313		1872			1872 1873 2228 2263	
2343+008 O		23 43 7.9 0 51 43	23 45 41.60 1 8 22.8	21.5			1.88	H I 1216 C IV 1549		1072	1072				
2343+008 O		23 43 11.6 0 52 15	23 45 45.29 1 8 54.8	20.8			(2.90)	H I 1216		1072	1072				
2343+012 O		23 43 14.9 1 14 46	23 45 48.57 1 31 25.8	21.2			(1.70)	C IV 1549		1072	1072				
2343+011 O		23 43 18.0 1 7 41	23 45 51.68 1 24 20.8	19.8			(1.54)	C IV 1549 C III 1909		1072	1072				
2343+011 O		23 43 24.5 1 6 20	23 45 58.18 1 22 59.8	20.4			2.04	H I 1216 C IV 1549		1072	1072				
2344+125 O		23 44 0 12 30 0	23 46 32.81 12 46 39.9				2.763*	Si IV 1397 O IV 1402 C IV 1549	2.7817 2.7017 2.4371 2.4292 2.4265 2.2754 1.0465		1872			1872 1873 2228 2263	5 arcmin from QSO 2343+120, 1872
2344+092 R X	PKS 4C 09.74 OZ 073.5 PG PB 5532	23 44 3.80 9 14 5.5	23 46 36.87 9 30 45.5	15.97*	.23	−.61	0.672	C III 1909 C II 2326 Mg II 2798 NeIII 3869 H I 4102 H I 4340 O III 4363 H I 4861 O III 4959 O III 5007		055	1467 054 443 1731	007 080 212 920	128 850 921 1340 1888 2011 2085	560 1873	007,055, 1451ubv,004, 705,1202pol, 1355,1628, 1693,1941, 2061uv,831, 958,1032,1117, 1188sp, 958FeIIem,912, 1487,1980, 2112x,749pos, 921,992,1617, 1729,2005, 2021ir, 921phot, 1526vlbi, 111fc,1789mm 3.92 arcmin from spiral gal,0.0426 zgal,1650,2118 faint gals near,2118
2344+002 O		23 44 36.2 0 12 14	23 47 9.95 0 28 54.2	20.1			2.06	H I 1216 C IV 1549		1072	1072				
2344−401 O		23 44 42.0 −40 9 0	23 47 19.20 −39 52 19.6	18.9			2.22 +	H I 1216 N V 1240 C IV 1549		1431	1431			1431	
2344+006 O		23 44 50.8 0 36 4	23 47 24.52 0 52 44.2	20.4			(0.40)	Mg II 2798 O II 3727		1072	1072				
2344+184 X		23 44 53.3 18 28 18	23 47 25.72 18 44 58.1	15.9	1.70		0.138			1314	1314				1209imag
2345−358 O		23 45 15 −35 49 0	23 47 51.59 −35 32 19.5	18.3			2.386	H I 1216 N V 1240 C IV 1549		1247	1247				

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2345−167 R X	PKS OZ 176 MC	23 45 27.66 −16 47 52.9	23 48 2.59 −16 31 12.4	17.5 *			0.576			057	1204 134 238 1305	238 253 290 754 755 1068 1802 2054	775 1162 1200 1367 1452		703,900,1626, 2103pol,055, 1445fc,1101, 1204,1483, 1595rvar, 847pos,873, 1980x,1445, 2229sp,1617, 2021ir, 1526vlbi, 1789mm, 1852phot IRAS source, 1806
2345+005 O		23 45 34.4 0 31 47	23 48 8.13 0 48 27.4	19.8			2.10	H I 1216 C IV 1549		1072	1072				
2345+002 O		23 45 38.7 0 12 58	23 48 12.45 0 29 38.4	20.2			(3.06)	LYB 1026 H I 1216		1072	1072				
2345+006 O	B	23 45 45.49 0 40 36.5	23 48 19.21 0 57 17.0	21			2.147*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909	1.491 1.483	989 1072	989 1072			1221 1590 2228 2263	1221,2051, 2257sp, 1151phot,1815, 2166imag grav lens,989, 2227;non grav lens,2051
2345+006 O	A	23 45 45.90 0 40 40.4	23 48 19.62 0 57 20.9	19.5			2.152*	H I 1216 Si IV 1397 O IV 1402 C IV 1549 C III 1909	1.491	989 1072	989 1072			989 1221 1590 2228 2263	1151phot,1815, 2166imag,2051, 2257sp 7.3arcsec from B; grav lens, 989,2227; non grav lens, 2051
2345+000 O		23 45 51.7 0 3 57	23 48 25.46 0 20 37.5	19.3			2.65	O VI 1034 H I 1216 Si IV 1397 O IV 1402		1072	1072				
2345+002 O		23 45 53.8 0 16 20	23 48 27.55 0 33 0.5	21.2			2.41	H I 1216 O IV 1402		1072	1072				
2345−407 O		23 45 54.0 −40 44 0	23 48 30.97 −40 27 19.3	18.3			0.44	Mg II 2798		1431	1431				
2345+003 O	UM 180 PB 5540	23 45 56 0 23 12	23 48 29.74 0 39 52.5	17.7			1.96	H I 1216 C IV 1549		445 1072	445 1072				
2345+008 O		23 45 57.3 0 53 56	23 48 31.01 1 10 36.5	18.6			1.85	H I 1216 C IV 1549		1072	1072				
2345+061 R	4C 06.76 OZ 076 PKS PB 5541	23 45 58.40 6 8 18.7	23 48 31.77 6 24 59.2	17.5			1.540	C IV 1549 He II 1640 O III 1663 C III 1909 Mg II 2798		100	100 2049 2281		010 1818 1891		1818pos, 2049noabs
2346+000 O		23 46 11.3 0 5 55	23 48 45.06 0 22 35.6	19.8			1.48	C IV 1549 C III 1909		1072	1072				
2346+001 O		23 46 13.5 0 10 57	23 48 47.25 0 27 37.6	19.4			(2.52)	O VI 1034 H I 1216 O IV 1402		1072	1072				
2346+001 O		23 46 20.4 0 11 58	23 48 54.15 0 28 38.6				1.53	C IV 1549 C III 1909		1072	1072				
2346+005 O		23 46 25.7 0 34 45	23 48 59.43 0 51 25.6	19.2			1.80	C IV 1549 C III 1909		1072	1072				
2346+002 O		23 46 31.3 0 12 16	23 49 5.05 0 28 56.7	20.2			2.27	H I 1216		1072	1072				
2346+003 O		23 46 37.9 0 21 3	23 49 11.64 0 37 43.7	20.2			(3.32)	H I 1216		1072	1072				

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2346+007		23 46 39.1	23 49 12.82	21.0			2.48	O VI 1034		1072	1072				
O		0 43 5	0 59 45.7					H I 1216							
								O IV 1402							
								C IV 1549							
2346+009		23 46 42.4	23 49 16.11	21.1			2.35	H I 1216		1072	1072				
O		0 56 12	1 12 52.7					C IV 1549							
2346+385	GC	23 46 49.8	23 49 20.80				1.032	C IV 1549		1465	044		1521		
R		38 32 37	38 49 17.5					C III 1909							
								Mg II 2798							
2347+002		23 47 0.6	23 49 34.35	20.5			2.12	H I 1216		1072	1072				
O		0 13 40	0 30 20.8					C IV 1549							
2347+005		23 47 21.0	23 49 54.73	20.8			0.42	Mg II 2798		1072	1072				
O		0 33 8	0 49 48.8					O II 3727							
2348-252	PKS	23 48 15.5	23 50 50.70	18			(1.39)	Mg II 2798		011	2151				
R	OZ 280	-25 13 42	-24 57 0.8												
2348+021		23 48 23.9	23 50 57.55	18.4			0.504			2216	2216				
O		2 10 59	2 27 40.0							2274	2274				
2348-011	UM 184	23 48 24	23 50 57.83	19.1			3.014*	Si IV 1397	2.9678	445	480			1550	911sp
O		-1 8 51.2	-0 52 10.1					O IV 1402	2.9295		1874			1551	Ly limit abs,
								C IV 1549	2.750		2281			1874	z=2.940,1874;
									2.6161					2039	pos & B(J)mag,
									2.599					2115	2274;damped
									2.5593					2228	Ly alpha,z=
									2.4272					2263	2.4272 and z=
									2.2001						2.6161,2115,
									1.1943						2243;
									1.0793						
									0.8629						
2348-402		23 48 36.0	23 51 12.25	19.5			1.50	C IV 1549		1431	1431				
O		-40 12 0	-39 55 18.7					C III 1909							
2348-404		23 48 48.0	23 51 24.22	18.6			3.31 +	H I 1216		1431	1431			1431	
O		-40 25 0	-40 8 18.7					N V 1240							
2348-014		23 48 54.3	23 51 28.14	19.7			1.997	H I 1216		1387	2199				pos & B(J)mag,
O		-1 27 59.0	-1 11 17.8					O IV 1402			1387				2274
								C IV 1549							
								C III 1909							
2348+018		23 48 59.79	23 51 33.47	18.6			0.749			2043	2043				2043B(J)mag
O		1 48 12.4	2 4 53.6								LBQS				
2349-011		23 49 7.6	23 51 41.42	19.9			2.21	H I 1216		1387	1387				pos & B(J)mag,
O		-1 8 9.1	-0 51 27.9												2274
2349+003	PC	23 49 16.5	23 51 50.25	19.0			1.951*	C IV 1549	1.140	1517	1517			1517	pos & B(J)mag,
O		0 20 59.4	0 37 40.6					C III 1909						2228	2274
								Mg II 2798						2263	
2349+002	PC	23 49 17.5	23 51 51.25	20.0			2.495*	Si IV 1397	1.160	1517	1517			1517	pos & B(J)mag,
O		0 17 52.7	0 34 33.9					O IV 1402						2228	2274
								C IV 1549						2263	
								C III 1909							
2349+009		23 49 19.61	23 51 53.33	18.8			2.037			2043	2043				2043B(J)mag
O		0 59 15.7	1 15 56.9								LBQS				
2349-014	PG	23 49 22.3	23 51 56.14	15.63*	.12	-.90	0.174			077	491	1902			1202pol,
C	PKS	-1 25 54	-1 9 12.8												1345ubv,1729,
R	PB 5564														2005ir,
															2145imag
															1902avg ph mag
															faint gals
															near,2118
2349+003	PC	23 49 23.81	23 51 57.56	18.42			1.356	C III 1909		1517	1517				
O		0 19 29.3	0 36 10.5					Mg II 2798		2043	2043				
2349-375		23 49 24.0	23 51 59.85	18.9			2.26	H I 1216		1431	1431				
O		-37 33 0	-37 16 18.6					N V 1240							
								C IV 1549							

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2349-016 O		23 49 38.5 -1 36 54	23 52 12.34 -1 20 12.7	19.8			2.362	H I 1216 O IV 1402 C IV 1549		1387	2199				
2349-015 O		23 49 43.3 -1 30 12.6	23 52 17.14 -1 13 31.3	20.3			2.20	H I 1216		1387	1387				pos & B(J)mag, 2274
2349+003 O		23 49 43.48 0 22 22.4	23 52 17.23 0 39 3.7	18.2			1.229			2043	2043 LBQS				2043B(J)mag
2349+327 R	4C 32.69 B2 NRAO 722	23 49 48.94 32 47 18.3	23 52 21.03 33 3 59.4	19.9			0.659	Mg II 2798 Ne V 3426 NeIII 3869 H I 4861 O III 4959 O III 5007		222	443		462 773 774 800 1167 1888 1891		
2350-338 O		23 50 7 -33 52 55	23 52 42.45 -33 36 13.5	18			1.971	H I 1216 C IV 1549		409	409				
2350-026 O		23 50 19.26 -2 36 53.8	23 52 53.14 -2 20 12.4	18.5			1.621			2043	2043 LBQS				2043B(J)mag
2350-007 O	A	23 50 19.69 -0 45 32.2	23 52 53.49 -0 28 50.8	18.6			1.617+			2043	2043 LBQS				2043BAL, 2043B(J)mag
2350-011 O		23 50 39.8 -1 7 4.8	23 53 13.61 -0 50 23.3	19.8			1.43	C IV 1549 C III 1909		1387	1387				pos & B(J)mag, 2274
2350-021 O		23 50 47.42 -2 9 55.6	23 53 21.28 -1 53 14.1	18.5			0.768			2043	2043 LBQS				2043B(J)mag
2350-007 O	B	23 50 47.80 -0 45 22.3	23 53 21.60 -0 28 40.8	18.4			0.444			2043	2043 LBQS				2043B(J)mag
2350-015 O	UM 186 PB 5575	23 50 47.97 -1 32 9.6	23 53 21.80 -1 15 28.1	16			0.99	C III 1909 Mg II 2798		445 2043	480 2043				
2350-002 O		23 50 50.28 -0 12 43.7	23 53 24.06 0 3 57.8	17.4			0.561			2043	2043 LBQS				2043B(J)mag
2350-001 O		23 50 53.39 -0 9 17.1	23 53 27.16 0 7 24.4	18.1			0.17			2043	2043				2043B(J)mag
2350-416 O		23 50 54.0 -41 39 0	23 53 29.79 -41 22 18.3	19.0			1.89	H I 1216 N V 1240 C IV 1549		1431	1431				
2350-015 O		23 50 57.5 -1 33 24.2	23 53 31.33 -1 16 42.7	20.0			3.131+	O VI 1034 H I 1216 O IV 1402 C IV 1549		1387	2199				2199BAL pos & B(J)mag, 2274
2351-010 O		23 51 11.0 -1 3 3.2	23 53 44.81 -0 46 21.7	19.9			2.37	H I 1216		1387	1387				pos & B(J)mag, 2274
2351-406 O		23 51 29.6 -40 40 20	23 54 5.17 -40 23 38.2	21.5			2.10	C IV 1549		478	478				846rnd
2351-006 R	PKS PB 5580	23 51 35.42 -0 36 29.5	23 54 9.21 -0 19 47.9	19			0.463	Mg II 2798 Ar IV 2854 Ar IV 2869 Ne V 3426 O II 3727 NeIII 3869		045 2043	020 436 2043		789		1526vlbi, 025fc, 1320rpol, 1898pos
2351+456 R	4C 45.51	23 51 49.96 45 36 22.9	23 54 21.67 45 53 4.3	20.6			2.0				1862				1862vlbi
2351-415 O		23 51 50.4 -41 33 16	23 54 25.94 -41 16 34.2	18.9			1.99	H I 1216 N V 1240 C IV 1549		478	478				846rnd

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2351-154 R	OZ 187 MC	23 51 55.85 -15 29 52.9	23 54 30.17 -15 13 11.2	17 *			2.675	H I 1216 N V 1240 O I 1304 C IV 1549 He II 1640 C III 1909	2.6775 2.6447 0.6293	109	342 500 589 2049 2281	1201	1518 2162	589 2049 2228 2243 2263	1202pol,761, 1304,1445sp, 1092,1305ir, 1526vlbi,011, 1445fc, 2049noabs
2351+022 O		23 51 56.72 2 17 28.8	23 54 30.41 2 34 10.4	18.6			2.022+			2043	2043 LBQS				2043B(J)mag Ly alpha abs
2351+013 O		23 51 58.73 1 20 13.1	23 54 32.45 1 36 54.7	18.3			2.068			2043	2043 LBQS				2043B(J)mag
2352+004 O		23 52 23.34 0 25 37.9	23 54 57.10 0 42 19.6	17.8			0.271			2043	2043 LBQS				2043B(J)mag
2352-411 O		23 52 30 -41 10 58	23 55 5.35 -40 54 16.1	19.2			1.89	H I 1216 N V 1240 C IV 1549		478	478				846rnd
2352-420 O		23 52 45.9 -42 2 58	23 55 21.23 -41 46 16.0	19			2.24	H I 1216 N V 1240 C IV 1549		478	478				846rnd
2352+072 X	E	23 52 47 7 16 15	23 55 20.55 7 32 56.7	19.3	.40		0.277	H I 4861 O III 5007		1417	1417				1417x,1910sp
2352-342 R	PKS	23 52 50.62 -34 14 39.5	23 55 25.55 -33 57 57.6	16.4 *			0.706	MgVII 2513 MgVII 2632 Mg II 2798 Mg V 2931 O II 3727 NeIII 3869		188	493 1304 1731	1004	384		761sp
2352-455 R	PKS	23 52 53.26 -45 30 7.5	23 55 28.75 -45 13 25.5	17.5			1.868	H I 1216 O IV 1402 C IV 1549 Ne IV 1602 Ne IV 2424		095	094		1519		1526vlbi, 411fc,1898pos
2352+020 O		23 52 58.29 2 5 36.6	23 55 32.00 2 22 18.3	18.7			2.188			2043	2043 LBQS				2043B(J)mag
2353+005 O		23 53 11.77 0 32 40.7	23 55 45.52 0 49 22.5	18.6			0.558			2043	2043 LBQS				2043B(J)mag
2353+154 R	OZ 188 MC 3 PKS	23 53 20.1 15 24 45	23 55 53.44 15 41 26.7	18			1.801	H I 1216 Si IV 1397 C IV 1549 C III 1909 Mg II 2798		010	009 019		010 1818 1891		
2353+283 R X	4C 28.59 VR28.23.05 OZ 289 B2 E	23 53 21.41 28 19 16.3	23 55 54.34 28 35 57.9	17.8	.50		0.731	C III 1909 Mg II 2798 O II 3727		033	032		462 774 800 1111 1531 1888		1417x,222fc, 1201pol,831sp, 1320rpol
2353-685 R	PKS	23 53 28.3 -68 35 24	23 56 5.93 -68 18 41.9	17			1.716	C III 1909 Mg II 2798		095	094		023		1617ir
2353+012 O		23 53 36.6 1 15 41	23 56 10.34 1 32 22.8	18.5			1.062			2216 2274	2216 2274				
2353-022 O		23 53 38.14 -2 17 46.6	23 56 11.97 -2 1 4.8	17.7			0.890			2043	2043 LBQS				2043B(J)mag
2353+072 X	E	23 53 59.0 7 14 7	23 56 32.59 7 30 48.8	19.5			0.342			1417	1417				1910sp
2354-015 O		23 54 12.60 -1 34 51.2	23 56 46.41 -1 18 9.3	18.5			2.211			2043	2043 LBQS				2043B(J)mag
2354+008 O		23 54 16.19 0 48 48.7	23 56 49.94 1 5 30.6	18.5			0.999			2043	2043 LBQS				2043B(J)mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B-V)	(U-B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2354+144 R	PKS 4C 14.85 OZ 191	23 54 44.85 14 29 27.2	23 57 18.32 14 46 9.0	18.10*	.14	-.90	1.816*	H I 1216 C IV 1549 He II 1640 O III 1663 C III 1909	1.5762	055	054 2049 2281	253 2174	128 775 1111 1818 1891 1976	2049 2263	134,239ubv, 111fc,1818pos, 2010imag 1902avg ph mag
2354-117 R	PKS	23 54 44.9 -11 42 23	23 57 18.91 -11 25 41.0	18.5			0.960	C III 1909 Mg II 2798 Ne V 3426 O II 3727		057	1861 1305		1518 1861		1526vlbi, 055fc,2103pol
2355-364 O		23 55 5 -36 25 12	23 57 39.55 -36 8 29.9	18			2.073	H I 1216 C IV 1549		409	409				
2355-389 O R		23 55 10.3 -38 57 56	23 57 44.91 -38 41 13.8	18.4			2.85	H I 1216 N V 1240		478	478		904		1431sp
2355-534 R	PKS	23 55 18.15 -53 27 55.9	23 57 53.26 -53 11 13.7	17.8 *			1.006	C III 1909 Mg II 2798		494 1898	1251	1800	1251		1526vlbi,1800, 2103pol
2355-463	C16.04	23 55 34.4 -46 21 35	23 58 9.13 -46 4 52.8	16.9			2.37			2277	2277				
2355-082 R	PKS PHL 6113	23 55 36.4 -8 16 50	23 58 10.30 -8 0 8.0	17.5			0.211	O II 3727 O III 5007		296	476		1171		1526vlbi, 1630imag
2355-106 R	PKS UT PHL 600	23 55 36.9 -10 36 47	23 58 10.84 -10 20 5.0	17.7			1.626	O I 1304 C II 1335 Si IV 1397 O IV 1402 C IV 1549 C III 1909		011 1871	1304 1437		1518		761sp, 1526vlbi
2355-021 O		23 55 54.14 -2 9 52.0	23 58 27.94 -1 53 10.0	18.2			1.870			2043	2043 LBQS				2043B(J)mag
2356+196 R	OZ 193 PKS	23 56 12.5 19 38 36	23 58 46.01 19 55 17.9	18			1.066	C IV 1549 C III 1909 Mg II 2798		010	009 1437		010		1526vlbi
2356+016 O	UM 193 PB 5651	23 56 37.98 1 39 59.3	23 59 11.73 1 56 41.3	18.4			2.070	H I 1216 C IV 1549		445 2043	445 2043				
2356-014 O		23 56 43.26 -1 27 11.8	23 59 17.05 -1 10 29.8	18.5			1.119			2043	2043 LBQS				2043B(J)mag
2356+026 O		23 56 49.51 2 37 56.8	23 59 23.26 2 54 38.8	18.4			2.523			2043	2043 LBQS				2043B(J)mag
2356+021 O		23 56 54.40 2 7 38.7	23 59 28.15 2 24 20.7	18.2			1.056			2043	2043 LBQS				2043B(J)mag
2357-318	PKS	23 57 1.45 -31 50 28.8	23 59 35.53 -31 33 46.6	17.6			0.991	C III 1909 Mg II 2798		1861	1861		1861		
2357-348 O X		23 57 6 -34 51 53	23 59 40.10 -34 35 10.8	17.78	-.19	-.94	2.070*	H I 1216 N V 1240 Si IV 1397 C IV 1549	0.9951	409	409			2020 2228 2263	696,912,1488, 1980x,1485ubv, 2020sp
2357-002 O		23 57 38.23 -0 14 17.8	0 0 12.00 0 2 24.3	17.8			0.479			2043	2043 LBQS				2043B(J)mag
2357-326 R	PKS	23 57 46.3 -32 37 43.4	0 0 20.25 -32 21 1.2	17			1.275	C III 1909 Mg II 2798		025	418		384		1004fc
2358-027 O		23 58 8.12 -2 46 5.2	0 0 41.90 -2 29 23.1	17.5			1.070			2043	2043 LBQS				2043B(J)mag
2358+006 O		23 58 9.16 0 38 56.3	0 0 42.93 0 55 38.4	18.7			0.949			2043	2043 LBQS				2043B(J)mag

TABLE 1—*Continued*

	OTHER NAMES	RA (1950) DEC (1950)	RA (2000) DEC (2000)	V	(B−V)	(U−B)	Z(EM)	EMISSION LINES	Z(ABS)	REFERENCES ID	Z	VAR	R	ABS	NOTES
2358−161 R	PKS	23 58 31.6 −16 6 50	0 1 5.39 −15 50 7.8	18			2.044	H I 1216 N V 1240 Si II 1263 Si IV 1397 O IV 1402 C IV 1549 He II 1640 C III 1909		296	1304 1305		1518		1305ir,761, 2151sp
2358+011 O		23 58 35.61 1 9 57.3	0 1 9.38 1 26 39.4	18.7			0.724			2043	2043 LBQS				2043B(J)mag
2358+022 O		23 58 48.0 2 16 22	0 1 21.77 2 33 4.1	18.6			1.872			2216 2274	2216 2274				
2359+068 O		23 59 6.77 6 53 13.3	0 1 40.56 7 9 55.3	18.8			3.238*	O VI 1034 H I 1216 Si IV 1397 O IV 1402 C IV 1549	3.1724 2.9872 2.9437 2.9149 2.8641 2.7801 2.7478 2.7312 0.8958	1440	1874 1440 2281			1874 2228 2263	
2359−022 O	UM 195 A	23 59 12.44 −2 16 16.8	0 1 46.21 −1 59 34.7	18.9			0.866	C III 1909 Mg II 2798	2.160 2.099	445 2043	1025 2043 2199			2243	1042pos 1.0arcmin from UM 196,1652
2359+003 O		23 59 13.0 0 23 15.6	0 1 46.77 0 39 57.7	19.4			2.897*	O VI 1034 H I 1216 Si IV 1397 O IV 1402 C IV 1549	2.819 2.3820 2.1079 1.3442 1.0239	1072	1874 1072 2281			1874 2228 2263	pos & B(J)mag, 2274
2359−000 O		23 59 13.2 −0 2 14.1	0 1 46.97 0 14 28.0	20.3			2.12	H I 1216 C IV 1549		1072	1072				pos & B(J)mag, 2274
2359+009 O		23 59 15.9 0 55 1.9	0 1 49.68 1 11 44.0	20.3			(2.14)	H I 1216 O IV 1402		1072	1072				pos & B(J)mag, 2274
2359−022 O	UM 196 B	23 59 16.19 −2 16 22.9	0 1 49.96 −1 59 40.8	18			2.818*	H I 1216 N V 1240 Si IV 1397 O IV 1402 C IV 1549	2.153 2.0948 1.8287	445 2043	1874 445 1025 2043 2281			1550 1551 1874 2168 2228 2263	damped Ly alpha,z=2.094 and z=2.153, 2115
2359−397 O R		23 59 23.7 −39 44 7	0 1 57.31 −39 27 24.7	19			2.05	H I 1216 N V 1240 C IV 1549		478	1431 478		846 2064		
2359+002 O		23 59 38.3 0 16 10.0	0 2 12.07 0 32 52.1	19.8			2.67	O VI 1034 H I 1216		1072	1072				pos & B(J)mag, 2274
2359+019 O		23 59 41.9 1 58 35	0 2 15.68 2 15 17.1	18.7			1.570			2216 2274	2216 2274				
2359−003 O		23 59 48.74 −0 21 26.5	0 2 22.51 −0 4 44.4	18.6			0.810			2043	2043 LBQS				2043B(J)mag
2359+011 O		23 59 53.1 1 10 7.7	0 2 26.88 1 26 49.8	20.0			2.99	O VI 1034 H I 1216		1072	1072				pos & B(J)mag, 2274
2359+005 O	PB 5698	23 59 57.0 0 33 6.0	0 2 30.78 0 49 48.1	19.1			(1.36)	C IV 1549 C III 1909		1072	1072				pos & B(J)mag, 2274

7315 objects

average z (for objects with z > 0) = 1.56
290 objects with absorption seen but not measured, 415 with absorption measured

	discovered by	also detected in	total
objective prism:	4145	0	4145
X-ray:	168	289	457
color/UV-excess:	1341	8	1349
radio:	1234	158	1392

TABLE 1—*Continued*

REFERENCES TO TABLE 1 IN ALPHABETICAL ORDER

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1993ApJS...87..451H

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1993ApJS...87..451H

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TABLE 2

COORDINATE DESIGNATIONS FOR QUASI-STELLAR OBJECTS WITH OTHER NAMES

NAME	COORDINATE DESIGNATION
Asiago Blue Objects	
A2 316	1258+287
A3 12	1217+151
A3 45	1219+138
A3 121	1222+135
A3 281	1227+151
Blue Stellar Objects	
BSO 1	0032-086
BSO 2	0240+011
BSO 3	1309+378
BSO 6	1259+344
BSO 8	1309+340
BSO 11	1311+362
Braccesi Objects	
AB 4	1244+381
AB 7	1245+345
AB 9	1246+377
AB 11	1246+346
AB 17	1248+337
AB 29	1249+339
AB 47	1252+359
AB 62	1254+370
AB 64	1255+353
AB 67	1255+372
AB 69	1256+357
AB 75	1256+368
AB 78	1257+346
AB 84	1258+340
AB 86	1258+356
AB 87	1258+343
AB 89	1259+367
AB 90	1259+344
AB 109	1301+358
AB 115	1302+357
AB 122	1303+338
AB 125	1304+342
AB 133	1304+346
AB 134	1304+374
AB 141	1305+364
AB 142	1305+352
AB 147	1306+350
AB 154	1308+382
AB 162	1309+340
AB 163	1309+378
AB 168	1311+362
B 2	1620+356
B 19	1245+345
B 46	1246+346
B 86	1249+339
B 87	1248+337
B 114	1252+359
B 142	1254+370
B 154	1255+353
B 185	1255+372
B 189	1256+368
B 194	1256+357
B 196	1258+356
B 201	1257+346
B 228	1259+367
B 243	1259+344
B 246	1258+340
B 286	1301+358
B 288	1302+357
B 312	1304+374
B 330	1305+364
B 337	1305+352
B 340	1304+346
B 360	1308+382
B 382	1306+350
B 416	1311+362
B 427	1309+340
B 471	1258+343
B 503	1309+378
Braccesi Faint Objects	
BF 8	1253+359
BF 12	1253+358
BF 16	1253+361
BF 17	1253+360
BF 30	1254+359
BF 36	1254+356
BF 38	1254+362
BF 41	1254+356
BF 46	1254+360
BF 51	1255+359
BF 71	1256+357
BF 72	1256+355
BF 92	1257+361
BF 105	1257+359
BF 112	1257+356
BF 141	1258+356
BF 161	1259+357
BF 164	1259+361
BF 166	1259+359
BF 170	1259+361
BF 175	1300+360
BF 202	1300+362
BF 216	1301+359
BF 219	1301+361
BF 222	1301+358
BF 225	1301+358
BF 227	1301+356
BF 230	1302+358
BF 237	1302+357
BF 247	1302+361
BF 262	1303+360
BF 263	1303+357
BF 264	1303+362
BF 270	1303+358
BF 275	1303+357
BF 281	1303+360
Calan-Tololo Survey	
A05.05	2034-332
A05.06	2034-331
A05.09	2044-370
A06.11	2104-363
A06.17	2103-347
A07.01	2112-364
A08.01	2128-355
A09.02	2148-362
A09.09	2157-352
A09.14	2158-339
A09.15	2201-335
A09.20	2210-359
A09.22	2148-337
A09.23	2202-346
A09.24	2159-332
A09.31	2158-327
A09.36	2208-331
A09.40	2146-339
A09.44	2154-345
A09.50	2210-342
A09.51	2156-348
A09.55	2209-349
A09.57	2203-356
A09.60	2156-359
A09.62	2201-361
A09.65	2159-364
A09.70	2147-372
A09.72	2208-373
A09.85	2208-350
A10.09	2226-335
A10.11	2212-334
A10.20	2213-373
A11.09	2250-372
A11.17	2239-369
A11.31	2231-361
A11.35	2246-361
A11.45	2250-360
A12.03	2257-344
A13.01	2315-338
A13.02	2313-339
A13.04	2314-340
A21.03	0147-336
A23.16	0239-367
A25.02	0306-350
A25.03	0308-375
A25.07	0314-372
A26.09	0326-345
A27.05	0402-337
A28.09	0409-340
A29.06	0428-365
A29.20	0441-368
A29.22	0443-358
A30.13	0500-335
A30.15	0451-336
A30.19	0454-344
A30.20	0501-340
A30.25	0459-373
A31.05	0515-379
A31.07	0518-350
A32.02	0546-357
A33.03	0556-363
A34.09	0608-352
B05.02	2118-402
B05.03	2118-414
B06.02	2138-389
B06.03	2139-420
B09.07	2245-379
B09.08	2243-387
B16.09	0100-423
B19.09	0157-409
B19.14	0203-396
B19.16	0206-395
B20.10	0213-386
B20.11	0214-393
B20.15	0227-403
B21.07	0246-407
B25.09	0342-387
B27.06	0445-418
B27.07	0443-408
B30.05	0532-424
B31.05	0550-384

TABLE 2—*Continued*

NAME	COORDINATE DESIGNATION
B31.18	0602–398
C05.07	2009–470
C07.21	2111–435
C07.35	2108–439
C08.03	2114–435
C08.04	2113–437
C14.27	2310–451
C15.40	2338–463
C15.41	2336–462
C16.04	2355–463
C16.06	0005–464
C16.07	0006–466
C17.05	0012–467
C20.06	0128–436
C22.30	0202–460
C22.31	0202–462
C24.01	0225–449
C24.03	0250–467
C24.09	0235–454
C25.12	0316–451
C25.27	0300–428
C25.28	0301–427
C25.34	0253–465
C25.35	0255–468
C25.36	0300–437
C26.05	0310–438
C26.07	0315–463
C26.09	0320–446
C26.13	0328–466
C26.14	0331–450
C26.31	0328–462
C27.07	0335–431
C28.03	0345–445
C28.05	0347–450
C28.07	0410–430
C28.13	0348–450
C28.16	0357–432
C29.01	0405–442
C29.03	0419–455
C29.08	0407–453
C29.10	0416–456
C30.10	0445–457
F09.22	2202–189
F13.18	2203–187
F27.21	0443–320
F27.24	0445–307
F27.26	0442–301
J01.09	0935–199
J02.03	1007–174
J02.11	0956–207
J03.13	1015–205
J03.14	1015–214
J03.16	1023–214
J03.23	1027–198
J05.03	1054–207
J06.07	1110–184
J07.05	1140–215
J07.06	1146–191
J08.06	1157–197
J13.07	1339–180
J15.32	1413–212
K03.02	1128–288
K06.03	1246–292
K06.04	1247–279
K06.08	1233–305
K08.01	1322–295
K08.03	1314–315
K15.03	1101–325
M00.02	1003–240
M08.02	1157–239
M10.08	1230–237
M12.24	1259–226
M12.30	1306–251
M14.25	1342–247
M15.15	1354–266
M15.17	1356–227
M15.19	1355–246
M16.08	1428–238
M16.09	1417–250
M16.11	1414–251
M19.05	1521–249
M19.06	1521–246
M98.06	0927–257
R02.37	0931–169
R05.12	1041–147
R05.17	1043–152
R07.04	1111–152
R07.16	1125–130
R07.27	1122–168
R08.06	1137–127
R09.11	1159–136
R09.66	1150–162
R10.07	1211–133
R10.25	1225–137
R10.29	1220–154
R10.30	1223–157
R11.12	1233–141
R12.24	1257–165
R13.07	1315–140
R14.07	1340–136
R14.09	1335–143
R15.03	1358–135
R15.07	1359–155
R16.06	1425–136
R16.21	1414–171
R17.08	1431–166
R18.18	1455–141
Clowes and Savage Objects	
CS 39	0046–282
CS 65	0048–280
CS 81	0050–281
CS 93	0051–275
CS 95	0051–286
CS 102	0051–280
CS 103	0051–281
CS 199	0104–281
Case Stellar Objects	
CSO 2	0952+338
CSO 6	0906+328
CSO 18	0943+329
CSO 19	0946+301
CSO 21	0947+306
CSO 34	1007+307
CSO 35	1007+303
CSO 38	1009+299
CSO 52	1033+293
CSO 55	1038+311
CSO 59	1049+302
CSO 139	1224+290
CSO 150	1231+312
CSO 151	1231+294
CSO 173	1248+317
CSO 179	1250+313
CSO 182	0812+367
CSO 193	0827+378
CSO 199	0838+359
CSO 203	0842+345
CSO 233	0936+368
CSO 239	0952+338
CSO 259	1016+359
CSO 261	1016+359
CSO 282	1036+355
CSO 340	1123+356
CSO 352	1131+358
CSO 409	1402+436
CSO 429	1414+347
CSO 441	1421+330
CSO 479	1435+383
CSO 505	1444+407
CSO 571	1512+370
CSO 586	1520+413
CSO 609	1406+492
CSO 622	1415+451
CSO 623	1415+463
CSO 633	1418+546
CSO 658	1427+480
CSO 722	1504+543
CSO 786	1258+285
CSO 799	1300+284
CSO 805	1301+307
CSO 814	1303+308
CSO 815	1303+313
CSO 822	1305+301
CSO 823	1305+298
CSO 825	1306+303
CSO 832	1307+296
CSO 835	1308+301
CSO 836	1308+326
CSO 865	1315+302
CSO 873	1317+277
CSO 878	1318+290
CSO 899	1318+290
Cerro el Roble Sources	
CT 67	0043–267
CT 78	0044–261
CT 92	0045–300
CT 113	0046–282
CT 120	0046–285
CT 136	0047–267
CT 147	0048–280
CT 151	0049–296
CT 157	0049–276
CT 165	0050–266
CT 170	0050–277
CT 177	0051–286
CT 186	0051–281
CT 187	0051–302
CT 188	0052–303
CT 222	0053–286
CT 250	0055–277
CT 251	0055–259
CT 264	0055–298
CT 271	0056–292
CT 282	0057–259
CT 289	0058–259
CT 294	0058–293
CT 295	0058–285
CT 298	0059–274

TABLE 2—*Continued*

NAME	COORDINATE DESIGNATION
CT 309	0059-297
CT 316	0100-270
CT 323	0100-289
CT 336	0102-272
CT 338	0102-301
Caltech Sources	
CTA 14	0133+207
CTA 15	0134+329
CTA 26	0336-019
CTA 39	0538+498
CTA 40	0610+260
CTA 45	0809+483
CTA 56	1253-055
CTA 60	1328+307
CTA 102	2230+114
CTD 5	0035+238
CTD 9	0110+297
CTD 26	0400+258
CTD 42	0610+260
CTD 66	1015+277
CTD 68	1048+240
CTD 77	1156+295
CTD 87	1423+242
CTD 98	1702+298
CTD 102	1741+279
CTD 108	1830+285
CTD 133	2156+297
CTD 135	2234+282
CTD 136	2251+244
CTD 140	2325+269
CTD 141	2325+293
Dominion Observatory Sources	
DA 5	0003-003
DA 32	0056-001
DA 53	0133+207
DA 54	0134+329
DA 55	0133+476
DA 58	0141+339
DA 78	0229+341
DA 107	0333+321
DA 110	0336-019
DA 128	0409+229
DA 145	0440-003
DA 157	0458-020
DA 170	0518+165
DA 186	0538+498
DA 193	0552+398
DA 201	0610+260
DA 231	0710+118
DA 233	0723+679
DA 235	0725+147
DA 237	0735+178
DA 242	0758+143
DA 243	0802+103
DA 246	0809+483
DA 254	0835+580
DA 255	0838+133
DA 257	0850+140
DA 262	0906+430
DA 263	0906+015
DA 267	0923+392
DA 268	0927+362
DA 273	0945+408
DA 278	0954+556
DA 279	0955+326
DA 289	1040+123
DA 292	1055+201
DA 293	1055+018
DA 298	1111+408
DA 299	1116+128
DA 305	1137+660
DA 317	1206+439
DA 320	1218+339
DA 324	1226+023
DA 330	1241+166
DA 332	1250+568
DA 337	1305+069
DA 342	1318+113
DA 345	1328+254
DA 346	1328+307
DA 354	1354+195
DA 364	1416+067
DA 367	1422+202
DA 375	1502+602
DA 402	1606+180
DA 406	1611+343
DA 410	1622+238
DA 416	1634+628
DA 417	1634+269
DA 420	1641+399
DA 430	1704+608
DA 452	1828+487
DA 524	2044-027
DA 553	2134+004
DA 562	2145+067
DA 565	2149+212
DA 574	2209+080
DA 580	2223+210
DA 582	2230+114
DA 586	2251+158
DA 587	2251+244
DA 588	2252+129
DA 599	2320+079
Warren, Hewett and Osmer Objects	
F 01	2047-376
F 02	2040-327
F 03	2044-355
F 04	2049-345
F 05	2055-331
F 06	2048-367
F 07	2038-367
F 08	2039-375
F 09	2035-361
F 10	2049-375
F 11	2056-368
F 12	2042-366
F 13	2051-373
F 14	2055-361
F 15	2057-366
F 16	2043-328
F 17	2045-373
F 18	2043-331
F 19	2043-368
F 20	2038-371
F 21	2035-344
F 22	2054-342
F 23	2049-353
F 24	2051-329
F 25	2059-360
F 26	2043-340
F 27	2044-369
F 28	2058-333
F 29	2043-332
F 30	2043-338
F 31	2049-362
F 32	2059-330
F 33	2054-355
F 34	2042-324
F 35	2043-347
F 36	2034-342
F 37	2050-359
Boyle, Jones and Shanks Objects	
F855:86	1043-004
F855:102	1044-001
F855:107	1043+000
F855:108	1043-002
F855:111	1044+000
F855:121	1043-003
F855:123	1044-000
F855:124	1044+000
F855:125	1043-001
F855:133	1044+000
F855:134	1043+000
F855:137	1043+000
F855:140	1044+000
F855:152	1044-002
F855:155	1044-000
F855:156	1044+001
F855:158	1043+000
F855:159	1043+001
F855:162	1043+001
F855:168	1043-000
F855:174	1042-000
F861:66	1240-000
F861:70	1240-000
F861:73	1240-003
F861:74	1240-003
F861:76	1240-001
F861:85	1240-000
F861:87	1240-002
F861:89	1240-002
F861:93	1240-003
F861:117	1239-003
F861:134	1239-004
F861:156	1239-003
F861:163	1239-000
F861:165	1239-004
F861:171	1238-001
F861:177	1238-000
F864:69	1341-002
F864:72	1340+002
F864:76	1339+000
F864:80	1340-000
F864:81	1341-001
F864:82	1340-002
F864:94	1339+001
F864:97	1341+001
F864:102	1340-000
F864:108	1341-001
F864:111	1342-000
F864:112	1341+002
F864:113	1341+002

TABLE 2—*Continued*

NAME	COORDINATE DESIGNATION
F864:114	1340+002
F864:115	1340+000
F864:119	1340+001
F864:124	1340+000
F864:158	1341-002
Grueff and Vigotti Sources	
GV 076	1010+350
GV 081	1018+348
GV 136	1217+348
GV 172	1315+346
GV 273	1611+343
GV 300	1721+343
Hoag Objects	
HOAG 1	0952+698
HOAG 2	0953+698
HOAG 3	0953+698
Kron and Chiu Objects	
KC F5	1306+295
KC 5 C7	1306+294
KC 6 B7	1306+295
KC 8 B2	1305+296
KC 8 B1	1305+296
KC 11B1	1306+297
KC 18	1305+296
KC 22	1305+295
KC 89	1306+295
Koo, Kron and Cudworth Objects	
KKC 1	1304+296
KKC 9	1305+295
KKC 10	1305+298
KKC 16	1305+296
KKC 19	1305+298
KKC 21	1305+293
KKC 22	1305+296
KKC 23	1305+295
KKC 25	1305+296
KKC 27	1305+295
KKC 28	1305+295
KKC 30	1306+296
KKC 31	1306+297
KKC 32	1306+293
KKC 34	1306+295
KKC 35	1306+294
KKC 36	1306+296
KKC 37	1306+295
KKC 45	1306+297
KKC 46	1306+297
Kitt Peak Sources	
KP 1	0456+025
KP 2	0805+047
KP 3	0847+155
KP 4	0847+156
KP 5	0847+156
KP 6	1127+074
KP 7	1128+072
KP 8	1128+074
KP 9	1209+107
KP 10	1209+107
KP 11	1209+109
KP 13	1222+228
KP 14	1223+227
KP 15	1227+074
KP 16	1228+078
KP 17	1228+076
KP 18	1228+077
KP 20	1229+078
KP 21	1229+077
KP 22	1243+346
KP 23	1244+345
KP 24	1244+346
KP 25	1244+346
KP 26	1244+347
KP 27	1245+343
KP 28	1245+342
KP 29	1246+344
KP 30	1246+346
KP 32	1258+342
KP 33	1258+342
KP 34	1259+347
KP 35	1259+344
KP 36	1300+345
KP 37	1300+344
KP 38	1300+343
KP 39	1300+346
KP 40	1300+347
KP 41	1307+181
KP 43	1308+183
KP 45	1421+201
KP 46	1422+200
KP 47	1423+199
KP 48	1423+201
KP 49	1423+202
KP 50	1423+203
KP 51	1423+201
KP 52	1504+217
KP 53	1504+216
KP 54	1504+219
KP 55	1528+144
KP 56	1529+144
KP 57	1544+212
KP 58	1545+209
KP 60	1547+115
KP 61	1547+116
KP 62	1548+116
KP 63	1604+290
KP 64	1605+288
KP 67	1606+289
KP 69	1607+290
KP 70	1622+268
KP 71	1622+269
KP 72	1623+271
KP 73	1623+270
KP 74	1623+269
KP 75	1623+155
KP 76	1623+268
KP 77	1623+268
KP 78	1623+268
KP 79	1624+269
KP 80	1631+630
KP 81	1631+627
KP 83	1633+267
KP 84	1633+270
KP 85	1634+627
KP 86	1634+267
KP 87	1634+267
KP 89	1635+266
Luyten Blue Stars	
LB 19	1247+267
LB 30	1303+313
LB 384	0836+195
LB 685	1332+552
LB 906	1549+203
LB 2126	1148+549
LB 2136	1150+497
LB 2522	1259+593
LB 3597	0848+120
LB 6158	0839+186
LB 6378	0849+120
LB 8644	0842+181
LB 8707	0846+145
LB 8716	0846+149
LB 8741	0847+190
LB 8746	0847+204
LB 8755	0848+155
LB 8775	0848+163
LB 8796	0849+154
LB 8798	0849+202
LB 8814	0850+189
LB 8863	0851+197
LB 8880	0852+152
LB 8891	0852+181
LB 8909	0853+183
LB 8913	0853+176
LB 8938	0854+144
LB 8948	0854+193
LB 8956	0854+191
LB 8960	0854+161
LB 8991	0855+188
LB 9010	0856+186
LB 9013	0856+170
LB 9024	0856+156
LB 9029	0856+189
LB 9040	0856+179
LB 9115	0858+179
LB 9147	0859+176
LB 9179	0900+154
LB 9292	0903+198
LB 9308	0903+169
LB 9317	0903+187
LB 9388	0906+167
LB 9433	1504+241
LB 9436	1505+218
LB 9449	1507+245
LB 9459	1507+245
LB 9466	1508+242
LB 9477	1509+247
LB 9483	1509+228
LB 9491	1510+243
LB 9497	1510+258
LB 9502	1510+237
LB 9537	1512+239
LB 9559	1514+241
LB 9601	1516+221
LB 9605	1517+239
LB 9612	1517+239
LB 9613	1517+235

TABLE 2—*Continued*

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
MD1:175	0102–295	MD2:56	0136–373	MD2:126	0150–393
MD1:176	0102–296	MD2:57	0136–385	MD2:127	0150–407
MD1:177	0103–276	MD2:58	0136–415	MD2:128	0151–405
MD1:178	0103–278	MD2:59	0137–421	MD2:129	0151–410
MD1:179	0103–294	MD2:60	0137–419	MD2:130	0151–404
MD1:180	0103–294	MD2:61	0138–387	MD2:131	0151–390
MD1:181	0103–283	MD2:62	0138–381	MD2:132	0151–386
MD1:182	0103–258	MD2:63	0138–408	MD2:133	0151–407
MD1:183	0103–292	MD2:64	0138–396	MD2:134	0151–415
MD1:184	0103–278	MD2:65	0138–421	MD2:135	0152–409
MD1:185	0104–275	MD2:66	0138–410	MD2:136	0152–389
MD1:186	0104–271	MD2:67	0138–423	MD2:137	0152–377
MD1:187	0104–285	MD2:68	0139–411	MD2:138	0153–411
MD1:188	0104–291	MD2:69	0139–374	MD2:139	0153–404
MD1:189	0105–301	MD2:70	0139–407	MD2:140	0153–398
MD2:1	0127–416	MD2:71	0139–380	MD2:141	0154–415
MD2:2	0128–411	MD2:72	0139–402	MD2:142	0154–400
MD2:3	0128–424	MD2:73	0140–399	MD2:143	0154–377
MD2:4	0128–392	MD2:74	0140–409	MD2:144	0155–396
MD2:5	0128–392	MD2:75	0140–412	MD2:145	0155–413
MD2:6	0129–409	MD2:76	0141–391	MD2:146	0155–418
MD2:7	0129–410	MD2:77	0141–373	MD2:147	0155–428
MD2:8	0129–375	MD2:78	0141–419	MD2:148	0155–375
MD2:9	0129–426	MD2:79	0141–403	MD2:149	0155–404
MD2:10	0129–398	MD2:80	0141–419	MD2:150	0156–422
MD2:11	0129–378	MD2:81	0142–402	MD2:151	0156–409
MD2:12	0130–392	MD2:82	0142–421	MD2:152	0156–406
MD2:13	0130–390	MD2:83	0142–403	MD2:153	0156–414
MD2:14	0130–414	MD2:84	0142–407	MD2:154	0156–372
MD2:15	0130–404	MD2:85	0142–427	MD2:155	0156–410
MD2:16	0130–406	MD2:86	0143–420	MD2:156	0156–380
MD2:17	0130–422	MD2:87	0143–384	MD2:157	0156–423
MD2:18	0131–404	MD2:88	0143–402	MD2:158	0156–429
MD2:19	0131–385	MD2:89	0143–428	MD2:159	0157–379
MD2:20	0131–384	MD2:90	0143–407	MD2:160	0157–383
MD2:21	0131–397	MD2:91	0144–396	MD2:161	0157–394
MD2:22	0131–397	MD2:92	0144–414	MD2:162	0157–383
MD2:23	0132–399	MD2:93	0144–412	MD2:163	0157–374
MD2:24	0132–377	MD2:94	0144–421	MD2:164	0157–423
MD2:25	0132–403	MD2:95	0144–381	MD2:165	0157–391
MD2:26	0132–393	MD2:96	0144–387	MD2:166	0158–403
MD2:27	0132–389	MD2:97	0145–385	MD2:167	0158–387
MD2:28	0132–399	MD2:98	0145–409	MD3:1	2216–427
MD2:29	0132–388	MD2:99	0146–423	MD3:2	2217–406
MD2:30	0132–377	MD2:100	0146–400	MD3:3	2217–421
MD2:31	0132–409	MD2:101	0146–424	MD3:4	2217–385
MD2:32	0133–372	MD2:102	0146–389	MD3:5	2217–391
MD2:33	0133–394	MD2:103	0146–421	MD3:6	2217–409
MD2:34	0133–407	MD2:104	0146–420	MD3:7	2218–371
MD2:35	0133–391	MD2:105	0147–399	MD3:8	2219–397
MD2:36	0133–401	MD2:106	0147–429	MD3:9	2219–381
MD2:37	0133–409	MD2:107	0147–379	MD3:10	2219–420
MD2:38	0133–405	MD2:108	0147–389	MD3:11	2219–423
MD2:39	0133–405	MD2:109	0148–391	MD3:12	2219–394
MD2:40	0133–373	MD2:110	0148–381	MD3:13	2219–408
MD2:41	0133–381	MD2:111	0148–389	MD3:14	2220–427
MD2:42	0133–381	MD2:112	0148–423	MD3:15	2220–388
MD2:43	0134–428	MD2:113	0148–428	MD3:16	2221–378
MD2:44	0134–402	MD2:114	0148–428	MD3:17	2221–376
MD2:45	0134–421	MD2:115	0148–409	MD3:18	2221–400
MD2:46	0134–382	MD2:116	0148–409	MD3:19	2222–388
MD2:47	0134–426	MD2:117	0148–414	MD3:20	2222–413
MD2:48	0134–376	MD2:118	0149–404	MD3:21	2222–394
MD2:49	0134–387	MD2:119	0149–425	MD3:22	2222–412
MD2:50	0134–406	MD2:120	0149–416	MD3:23	2222–397
MD2:51	0134–406	MD2:121	0149–422	MD3:24	2222–383
MD2:52	0135–372	MD2:122	0149–397	MD3:25	2222–396
MD2:53	0135–383	MD2:123	0149–409	MD3:26	2222–404
MD2:54	0135–385	MD2:124	0150–405	MD3:27	2222–385
MD2:55	0136–407	MD2:125	0150–420	MD3:28	2223–388

TABLE 2—*Continued*

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
MD1:175	0102-295	MD2:56	0136-373	MD2:126	0150-393
MD1:176	0102-296	MD2:57	0136-385	MD2:127	0150-407
MD1:177	0103-276	MD2:58	0136-415	MD2:128	0151-405
MD1:178	0103-278	MD2:59	0137-421	MD2:129	0151-410
MD1:179	0103-294	MD2:60	0137-419	MD2:130	0151-404
MD1:180	0103-294	MD2:61	0138-387	MD2:131	0151-390
MD1:181	0103-283	MD2:62	0138-381	MD2:132	0151-386
MD1:182	0103-258	MD2:63	0138-408	MD2:133	0151-407
MD1:183	0103-292	MD2:64	0138-396	MD2:134	0151-415
MD1:184	0103-278	MD2:65	0138-421	MD2:135	0152-409
MD1:185	0104-275	MD2:66	0138-410	MD2:136	0152-389
MD1:186	0104-271	MD2:67	0138-423	MD2:137	0152-377
MD1:187	0104-285	MD2:68	0139-411	MD2:138	0153-411
MD1:188	0104-291	MD2:69	0139-374	MD2:139	0153-404
MD1:189	0105-301	MD2:70	0139-407	MD2:140	0153-398
MD2:1	0127-416	MD2:71	0139-380	MD2:141	0154-415
MD2:2	0128-411	MD2:72	0139-402	MD2:142	0154-400
MD2:3	0128-424	MD2:73	0140-399	MD2:143	0154-377
MD2:4	0128-392	MD2:74	0140-409	MD2:144	0155-396
MD2:5	0128-392	MD2:75	0140-412	MD2:145	0155-413
MD2:6	0129-409	MD2:76	0141-391	MD2:146	0155-418
MD2:7	0129-410	MD2:77	0141-373	MD2:147	0155-428
MD2:8	0129-375	MD2:78	0141-419	MD2:148	0155-375
MD2:9	0129-426	MD2:79	0141-403	MD2:149	0155-404
MD2:10	0129-398	MD2:80	0141-419	MD2:150	0156-422
MD2:11	0129-378	MD2:81	0142-402	MD2:151	0156-409
MD2:12	0130-392	MD2:82	0142-421	MD2:152	0156-406
MD2:13	0130-390	MD2:83	0142-403	MD2:153	0156-414
MD2:14	0130-414	MD2:84	0142-407	MD2:154	0156-372
MD2:15	0130-404	MD2:85	0142-427	MD2:155	0156-410
MD2:16	0130-406	MD2:86	0143-420	MD2:156	0156-380
MD2:17	0130-422	MD2:87	0143-384	MD2:157	0156-423
MD2:18	0131-404	MD2:88	0143-402	MD2:158	0156-429
MD2:19	0131-385	MD2:89	0143-428	MD2:159	0157-379
MD2:20	0131-384	MD2:90	0143-407	MD2:160	0157-383
MD2:21	0131-397	MD2:91	0144-396	MD2:161	0157-394
MD2:22	0131-397	MD2:92	0144-414	MD2:162	0157-383
MD2:23	0132-399	MD2:93	0144-412	MD2:163	0157-374
MD2:24	0132-377	MD2:94	0144-421	MD2:164	0157-423
MD2:25	0132-403	MD2:95	0144-381	MD2:165	0157-391
MD2:26	0132-393	MD2:96	0144-387	MD2:166	0158-403
MD2:27	0132-389	MD2:97	0145-385	MD2:167	0158-387
MD2:28	0132-399	MD2:98	0145-409	MD3:1	2216-427
MD2:29	0132-388	MD2:99	0146-423	MD3:2	2217-406
MD2:30	0132-377	MD2:100	0146-400	MD3:3	2217-421
MD2:31	0132-409	MD2:101	0146-424	MD3:4	2217-385
MD2:32	0133-372	MD2:102	0146-389	MD3:5	2217-391
MD2:33	0133-394	MD2:103	0146-421	MD3:6	2217-409
MD2:34	0133-407	MD2:104	0146-420	MD3:7	2218-371
MD2:35	0133-391	MD2:105	0147-399	MD3:8	2219-397
MD2:36	0133-401	MD2:106	0147-429	MD3:9	2219-381
MD2:37	0133-409	MD2:107	0147-379	MD3:10	2219-420
MD2:38	0133-405	MD2:108	0147-389	MD3:11	2219-423
MD2:39	0133-405	MD2:109	0148-391	MD3:12	2219-394
MD2:40	0133-373	MD2:110	0148-381	MD3:13	2219-408
MD2:41	0133-381	MD2:111	0148-389	MD3:14	2220-427
MD2:42	0133-381	MD2:112	0148-423	MD3:15	2220-388
MD2:43	0134-428	MD2:113	0148-428	MD3:16	2221-378
MD2:44	0134-402	MD2:114	0148-428	MD3:17	2221-376
MD2:45	0134-421	MD2:115	0148-409	MD3:18	2221-400
MD2:46	0134-382	MD2:116	0148-409	MD3:19	2222-388
MD2:47	0134-426	MD2:117	0148-414	MD3:20	2222-413
MD2:48	0134-376	MD2:118	0149-404	MD3:21	2222-394
MD2:49	0134-387	MD2:119	0149-425	MD3:22	2222-412
MD2:50	0134-406	MD2:120	0149-416	MD3:23	2222-397
MD2:51	0134-406	MD2:121	0149-422	MD3:24	2222-383
MD2:52	0135-372	MD2:122	0149-397	MD3:25	2222-396
MD2:53	0135-383	MD2:123	0149-409	MD3:26	2222-404
MD2:54	0135-385	MD2:124	0150-405	MD3:27	2222-385
MD2:55	0136-407	MD2:125	0150-420	MD3:28	2223-388

TABLE 2—*Continued*

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
MD3:29	2223-420	MD4:7	0058-337	MD4:77	0115-351
MD3:30	2224-408	MD4:8	0058-325	MD4:78	0115-371
MD3:31	2224-397	MD4:9	0058-341	MD4:79	0115-376
MD3:32	2224-426	MD4:10	0059-372	MD4:80	0115-350
MD3:33	2224-428	MD4:11	0059-368	MD4:81	0115-344
MD3:34	2224-403	MD4:12	0059-335	MD4:82	0116-356
MD3:35	2225-395	MD4:13	0059-340	MD4:83	0116-344
MD3:36	2225-406	MD4:14	0059-345	MD4:84	0116-374
MD3:37	2225-383	MD4:15	0100-368	MD4:85	0116-351
MD3:38	2226-399	MD4:16	0100-366	MD4:86	0117-373
MD3:39	2226-400	MD4:17	0100-362	MD4:87	0117-354
MD3:40	2226-379	MD4:18	0100-357	MD4:88	0117-356
MD3:41	2226-400	MD4:19	0101-365	MD4:89	0117-379
MD3:42	2227-378	MD4:20	0101-363	MD4:90	0117-372
MD3:43	2227-385	MD4:21	0101-365	MD4:91	0118-348
MD3:44	2227-396	MD4:22	0101-360	MD4:92	0119-369
MD3:45	2227-399	MD4:23	0102-336	MD4:93	0119-334
MD3:46	2227-412	MD4:24	0102-373	MD4:94	0119-334
MD3:47	2228-391	MD4:25	0102-323	MD4:95	0120-341
MD3:48	2228-387	MD4:26	0102-338	MD4:96	0120-378
MD3:49	2228-403	MD4:27	0102-345	MD4:97	0120-330
MD3:50	2228-399	MD4:28	0102-371	MD4:98	0120-340
MD3:51	2228-413	MD4:29	0102-375	MD4:99	0120-335
MD3:52	2228-397	MD4:30	0103-376	MD4:100	0121-379
MD3:53	2229-420	MD4:31	0103-349	MD4:101	0121-358
MD3:54	2229-402	MD4:32	0104-373	MD4:102	0121-329
MD3:55	2229-378	MD4:33	0104-356	MD4:103	0121-353
MD3:56	2229-421	MD4:34	0105-354	MD4:104	0121-328
MD3:57	2229-374	MD4:35	0105-334	MD4:105	0121-360
MD3:58	2230-426	MD4:36	0105-338	MD4:106	0122-346
MD3:59	2230-372	MD4:37	0105-344	MD4:107	0122-325
MD3:60	2231-415	MD4:38	0105-343	MD4:108	0122-359
MD3:61	2231-419	MD4:39	0106-349	MD4:109	0123-365
MD3:62	2231-372	MD4:40	0106-353	MD4:110	0123-372
MD3:63	2232-390	MD4:41	0106-379	MD4:111	0123-329
MD3:64	2233-418	MD4:42	0106-369	MD4:112	0123-332
MD3:65	2233-385	MD4:43	0106-350	MD4:113	0123-368
MD3:66	2233-399	MD4:44	0107-369	MD4:114	0123-341
MD3:67	2233-376	MD4:45	0107-322	MD4:115	0124-368
MD3:68	2234-386	MD4:46	0108-376	MD4:116	0124-341
MD3:69	2234-395	MD4:47	0108-330	MD4:117	0124-323
MD3:70	2234-409	MD4:48	0108-328	MD4:118	0125-363
MD3:71	2234-384	MD4:49	0108-358	MD4:119	0125-352
MD3:72	2234-373	MD4:50	0108-378	MD4:120	0125-341
MD3:73	2236-411	MD4:51	0108-371	MD4:121	0125-359
MD3:74	2236-416	MD4:52	0108-349	MD4:122	0125-376
MD3:75	2237-396	MD4:53	0109-336	MD5:1	2150-195
MD3:76	2237-387	MD4:54	0109-346	MD5:2	2150-178
MD3:77	2238-423	MD4:55	0109-353	MD5:3	2150-197
MD3:78	2238-412	MD4:56	0109-353	MD5:4	2150-197
MD3:79	2239-417	MD4:57	0109-346	MD5:5	2150-218
MD3:80	2239-421	MD4:58	0109-362	MD5:6	2151-193
MD3:81	2239-409	MD4:59	0110-357	MD5:7	2151-185
MD3:82	2240-388	MD4:60	0110-356	MD5:8	2151-170
MD3:83	2241-404	MD4:61	0110-369	MD5:9	2152-218
MD3:84	2242-399	MD4:62	0110-362	MD5:10	2152-190
MD3:85	2243-387	MD4:63	0111-363	MD5:11	2152-196
MD3:86	2243-417	MD4:64	0111-333	MD5:12	2152-211
MD3:87	2243-376	MD4:65	0111-373	MD5:13	2153-208
MD3:88	2244-412	MD4:66	0112-329	MD5:14	2153-209
MD3:89	2244-394	MD4:67	0112-369	MD5:15	2153-217
MD3:90	2245-379	MD4:68	0112-349	MD5:16	2153-190
MD3:91	2245-393	MD4:69	0112-368	MD5:17	2153-215
MD3:92	2245-389	MD4:70	0113-327	MD5:18	2153-174
MD4:1	0057-370	MD4:71	0113-327	MD5:19	2153-200
MD4:2	0057-352	MD4:72	0113-336	MD5:20	2154-180
MD4:3	0057-371	MD4:73	0113-335	MD5:21	2154-199
MD4:4	0057-358	MD4:74	0114-352	MD5:22	2154-200
MD4:5	0057-350	MD4:75	0114-332	MD5:23	2154-183
MD4:6	0057-350	MD4:76	0114-331	MD5:24	2154-186

TABLE 2—*Continued*

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
MD5:25	2154-205	MD5:96	2209-207	MD6:41	0043-381
MD5:26	2154-180	MD5:97	2209-214	MD6:42	0043-385
MD5:27	2155-216	MD5:98	2210-174	MD6:43	0043-426
MD5:28	2155-174	MD5:99	2210-201	MD6:44	0044-395
MD5:29	2155-174	MD5:100	2210-167	MD6:45	0044-390
MD5:30	2156-215	MD5:101	2210-190	MD6:46	0044-419
MD5:31	2156-210	MD5:102	2211-182	MD6:47	0044-412
MD5:32	2156-204	MD5:103	2211-174	MD6:48	0045-385
MD5:33	2156-176	MD5:104	2211-166	MD6:49	0045-417
MD5:34	2156-194	MD5:105	2211-177	MD6:50	0045-392
MD5:35	2156-172	MD5:106	2211-201	MD6:51	0045-429
MD5:36	2157-200	MD5:107	2211-192	MD6:52	0045-411
MD5:37	2157-175	MD5:108	2211-163	MD6:53	0045-426
MD5:38	2157-207	MD5:109	2212-190	MD6:54	0045-396
MD5:39	2158-179	MD5:110	2212-199	MD6:55	0045-384
MD5:40	2158-211	MD5:111	2212-165	MD6:56	0045-394
MD5:41	2158-163	MD5:112	2212-202	MD6:57	0046-417
MD5:42	2159-186	MD5:113	2212-177	MD6:58	0046-384
MD5:43	2159-181	MD5:114	2212-179	MD6:59	0046-427
MD5:44	2200-182	MD5:115	2213-206	MD6:60	0046-391
MD5:45	2200-164	MD5:116	2213-180	MD6:61	0046-401
MD5:46	2200-199	MD5:117	2213-208	MD6:62	0047-394
MD5:47	2201-165	MD5:118	2213-190	MD6:63	0048-411
MD5:48	2201-202	MD5:119	2213-209	MD6:64	0048-422
MD5:49	2202-186	MD5:120	2213-165	MD6:65	0048-379
MD5:50	2202-207	MD5:121	2214-190	MD6:66	0048-396
MD5:51	2202-185	MD5:122	2214-169	MD6:67	0048-394
MD5:53	2202-177	MD5:123	2214-206	MD6:68	0048-388
MD5:54	2203-175	MD5:124	2214-179	MD6:69	0048-413
MD5:55	2203-179	MD5:125	2214-189	MD6:70	0048-408
MD5:56	2203-176	MD6:1	0036-404	MD6:71	0048-427
MD5:57	2203-193	MD6:2	0036-398	MD6:72	0049-384
MD5:58	2203-198	MD6:3	0036-389	MD6:73	0049-402
MD5:59	2204-214	MD6:4	0036-428	MD6:74	0049-374
MD5:60	2204-205	MD6:5	0037-396	MD6:75	0049-387
MD5:61	2204-187	MD6:6	0037-418	MD6:76	0049-377
MD5:62	2204-191	MD6:7	0038-384	MD6:77	0049-384
MD5:63	2204-179	MD6:8	0038-399	MD6:78	0049-380
MD5:64	2204-188	MD6:9	0038-398	MD6:79	0049-374
MD5:65	2204-176	MD6:10	0038-372	MD6:80	0049-393
MD5:66	2204-162	MD6:11	0038-396	MD6:81	0049-406
MD5:67	2204-164	MD6:12	0038-396	MD6:82	0050-406
MD5:68	2205-203	MD6:13	0038-401	MD6:83	0050-428
MD5:69	2205-202	MD6:14	0039-425	MD6:84	0050-403
MD5:70	2205-214	MD6:15	0039-395	MD6:85	0050-378
MD5:71	2205-170	MD6:16	0039-397	MD6:86	0051-420
MD5:72	2205-171	MD6:17	0039-386	MD6:87	0051-400
MD5:73	2205-165	MD6:18	0039-396	MD6:88	0051-426
MD5:74	2205-200	MD6:19	0039-403	MD6:89	0051-404
MD5:75	2205-198	MD6:20	0040-397	MD6:90	0052-382
MD5:76	2206-199	MD6:21	0040-391	MD6:91	0052-405
MD5:77	2206-199	MD6:22	0040-428	MD6:92	0052-384
MD5:78	2206-180	MD6:23	0040-383	MD6:93	0052-401
MD5:79	2206-187	MD6:24	0040-414	MD6:94	0052-403
MD5:80	2206-197	MD6:25	0040-384	MD6:95	0052-375
MD5:81	2207-175	MD6:26	0040-395	MD6:96	0052-402
MD5:82	2207-170	MD6:27	0041-403	MD6:97	0052-375
MD5:83	2207-164	MD6:28	0041-384	MD6:98	0053-384
MD5:84	2207-207	MD6:29	0041-400	MD6:99	0053-424
MD5:85	2207-177	MD6:30	0041-378	MD6:100	0053-393
MD5:86	2207-204	MD6:31	0041-406	MD6:101	0053-376
MD5:87	2207-201	MD6:32	0041-379	MD6:102	0053-404
MD5:88	2208-194	MD6:33	0041-398	MD6:103	0054-419
MD5:89	2208-181	MD6:34	0042-387	MD6:104	0054-411
MD5:90	2208-181	MD6:35	0042-391	MD6:105	0054-409
MD5:91	2208-206	MD6:36	0042-375	MD6:106	0055-387
MD5:92	2208-185	MD6:37	0042-398	MD6:107	0055-428
MD5:93	2208-217	MD6:38	0042-386	MD6:108	0055-415
MD5:94	2209-171	MD6:39	0042-420	MD6:109	0055-402
MD5:95	2209-187	MD6:40	0043-388	MD6:110	0055-375

TABLE 2—*Continued*

NAME	COORDINATE DESIGNATION
MD6:111	0055-428
MD6:112	0055-379
MD6:113	0056-385
MD6:114	0056-423
MD6:115	0056-400
MD6:116	0056-405
MD6:117	0056-394
MD6:118	0056-408
MD6:119	0056-426
MD6:120	0057-414
MD6:121	0057-375
MD6:122	0057-398
MD6:123	0057-421
MD6:124	0057-423
MD6:125	0058-392
MD6:126	0058-415
MD6:127	0058-405
MD6:128	0059-372
MD6:129	0059-416
MD6:130	0059-420
MD6:131	0059-414
MD6:132	0059-411
MD6:133	0100-427
MD6:134	0100-407
MD6:135	0100-385
MD6:136	0100-379
MD6:137	0101-399
MD6:138	0101-423
MD6:139	0101-399
MD6:140	0101-428
MD6:141	0101-414
MD6:142	0101-384
MD6:143	0102-373
MD6:144	0102-401
MD6:145	0102-414
MD6:146	0103-405
MD6:147	0103-408
MD6:148	0103-382
MD6:149	0103-401
MD6:150	0103-426
MD6:151	0103-376
MD6:152	0103-393
MD6:153	0104-374
MD6:154	0104-387
MD6:155	0104-375
MD6:156	0104-381
MD6:157	0105-426
MD6:158	0105-406
MD6:159	0105-391
MD6:160	0105-374
MD6:161	0105-389
MD6:162	0105-423
MD6:163	0105-399
MD6:164	0105-400
MD6:165	0105-409
MD6:166	0105-403
Markarian Objects	
MKN 64	1304+346
MKN 132	0958+551
MKN 180	1133+704
MKN 380	0713+745
MKN 421	1101+384
MKN 501	1652+398
MKN 586	0205+024
MKN 679	1421+330
MKN 813	1425+200
MKN 830	1449+588
MKN 876	1613+658
MKN 877	1617+175
MKN 992	0121+318
MKN 1014	0157+001
MKN 1320	1216-015
Mills, Slee, and Hill Sources	
MSH 00-01	0003-003
MSH 01+014....	0157+011
MSH 01-120....	0155-109
MSH 01-121....	0159-117
MSH 01-71	0202-765
MSH 03-06	0350-073
MSH 03-19	0349-146
MSH 04-12	0405-123
MSH 05-36	0521-365
MSH 08+02	0812+020
MSH 09-11	0859-140
MSH 10-019....	1048-090
MSH 10-17	1020-103
MSH 11-18	1136-135
MSH 12+08	1226+023
'MSH 12-020....	1253-055
MSH 12-27	1232-249
MSH 13-011....	1335-061
MSH 13-45	1355-416
MSH 14+05	1416+067
MSH 14-018....	1454-060
MSH 14-110....	1424-118
MSH 14-121....	1453-109
MSH 14-34	1421-382
MSH 15-05	1508-055
MSH 21-115....	2135-147
MSH 21-119....	2146-133
MSH 21-34	2115-305
MSH 22+02	2209+080
MSH 22-010....	2223-052
MSH 22-06	2216-038
MSH 23+03	2308+098
Marano, Zamorani and Zitelle Objects	
MZZ 917	0315-550
MZZ 921	0315-550
MZZ 1096	0315-550
MZZ 1098	0315-550
MZZ 1246	0314-550
MZZ 1558	0313-551
MZZ 1590	0313-550
MZZ 1807	0312-551
MZZ 2851	0315-552
MZZ 2954	0314-551
MZZ 2994	0314-552
MZZ 3156	0313-552
MZZ 3222	0313-552
MZZ 3507	0312-551
MZZ 4347	0310-552
MZZ 4609	0316-552
MZZ 4691	0316-552
MZZ 4875	0315-553
MZZ 4926	0315-552
MZZ 4935	0315-553
MZZ 4959	0315-553
MZZ 5026	0314-553
MZZ 5177	0314-553
MZZ 5250	0313-553
MZZ 5571	0312-553
MZZ 6346	0316-555
MZZ 6708	0315-554
MZZ 6917	0315-555
MZZ 7030	0314-554
MZZ 7114	0314-554
MZZ 7409	0313-555
MZZ 7417	0313-554
MZZ 7430	0313-555
MZZ 7584	0312-555
MZZ 7801	0311-554
MZZ 8104	0311-554
MZZ 8525	0316-555
MZZ 8555	0316-555
MZZ 8668	0315-556
MZZ 8770	0315-555
MZZ 8807	0315-556
MZZ 9085	0314-555
MZZ 9554	0312-556
MZZ 9592	0312-555
MZZ 9744	0312-555
MZZ 9770	0312-556
MZZ 9854	0311-555
MZZ 10845	0315-556
MZZ 10978	0315-557
MZZ 11326	0314-556
MZZ 11408	0314-556
MZZ 11484	0313-557
MZZ 11552	0313-557
MZZ 15000	0316-557
Bright Galaxies with nearby QSOs	
NGC 157	0032-086
NGC 450	0107-025
NGC 470	0117+031
NGC 520	0121+034
NGC 615	0132-075
NGC 622	0133+004
NGC 772	0156+187
NGC 936	0225-015
NGC 1073	0240+011
NGC 1087	0243-007
NGC 1097	0238-315
NGC 2534	0809+558
NGC 2549	0814+578
NGC 2639	0837+497
NGC 2683	0849+336
NGC 2693	0853+515
NGC 2701	0855+539
NGC 2775	0907+072
NGC 2782	0911+402
NGC 2841	0918+511
NGC 2859	0921+348
NGC 2916	0932+219
NGC 3034	0951+699
NGC 3073	0957+558
NGC 3147	1012+736
NGC 3184	1015+416
NGC 3338	1039+140
NGC 3384	1045+128
NGC 3726	1132+472
NGC 4395	1223+338

TABLE 2—*Continued*

NAME	COORDINATE DESIGNATION
NGC 5055	1313+422
NGC 5107	1319+388
NGC 5112	1309+388
NGC 5296	1342+440
NGC 5660	1428+498
NGC 5669	1430+101
NGC 5682	1432+489
NGC 5866	1505+559
NGC 5982	1537+595
NGC 7171	2157–133
NGC 7448	2257+157
NGC 7585	2315–049
National Radio Astronomy Observatory Sources	
NRAO 5	0003–066
NRAO 6	0003–003
NRAO 19	0017+154
NRAO 62	0110+318
NRAO 65	0115+027
NRAO 68	0118+034
NRAO 78	0133+207
NRAO 79	0134+329
NRAO 88	0159–117
NRAO 105	0229+341
NRAO 140	0333+321
NRAO 144	0340+048
NRAO 147	0349–146
NRAO 149	0350–073
NRAO 167	0409+229
NRAO 170	0414–060
NRAO 178	0424–131
NRAO 190	0440–003
NRAO 205	0518+165
NRAO 221	0538+498
NRAO 230	0610+260
NRAO 258	0710+118
NRAO 263	0723+679
NRAO 266	0725+147
NRAO 271	0729+818
NRAO 273	0740+380
NRAO 278	0758+143
NRAO 279	0802+103
NRAO 285	0809+483
NRAO 287	0814+227
NRAO 297	0833+654
NRAO 298	0835+580
NRAO 299	0837–120
NRAO 300	0838+133
NRAO 301	0850+140
NRAO 310	0855+143
NRAO 315	0903+169
NRAO 317	0906+430
NRAO 322	0927+362
NRAO 342	0955+326
NRAO 351	1015+277
NRAO 355	1023+067
NRAO 358	1040+123
NRAO 359	1048–090
NRAO 363	1100+772
NRAO 369	1111+408
NRAO 378	1132+303
NRAO 381	1137+660
NRAO 389	1153+317
NRAO 393	1206+439
NRAO 396	1218+339
NRAO 400	1226+023
NRAO 406	1241+166
NRAO 409	1250+568
NRAO 413	1253–055
NRAO 417	1258+404
NRAO 419	1305+069
NRAO 424	1328+254
NRAO 425	1328+307
NRAO 428	1340+606
NRAO 441	1416+067
NRAO 464	1458+718
NRAO 467	1502+602
NRAO 483	1545+210
NRAO 500	1618+177
NRAO 501	1622+238
NRAO 509	1634+628
NRAO 510	1634+269
NRAO 512	1638+398
NRAO 513	1641+399
NRAO 522	1704+608
NRAO 530	1730–130
NRAO 548	1807+698
NRAO 565	1828+487
NRAO 623	2005–044
NRAO 636	2037+511
NRAO 639	2044–027
NRAO 656	2120+168
NRAO 687	2223–052
NRAO 699	2249+185
NRAO 701	2251+158
NRAO 702	2252+129
NRAO 703	2305+187
NRAO 713	2325+269
NRAO 722	2349+327
Ohio Sources	
OA 29	0032+423
OA 57	0115+027
OA 60.2	0122–003
OA 129	0420–014
OA 141	0458–020
OA 198	0552+398
OB 007	0003–003
OB 056	0033+079
OB 057	0033+098
OB 065	0038–019
OB 074	0044–056
OB 078	0046–067
OB 081	0048–097
OB 094	0056–001
OB 106	0003+158
OB 113	0007+171
OB 129	0017+154
OB 258	0035+238
OB 453	0032+423
OB 565	0039+568
OC 012	0106+013
OC 025	0114+074
OC 026	0115+027
OC 031	0118+034
OC 033	0119+041
OC 034	0119–046
OC 038	0122–003
OC 062	0137+012
OC 079	0146+056
OC 096	0157+011
OC 115.2	0109+176
OC 192	0155–109
OC 199	0159–117
OC 218	0110+297
OC 240	0123–226
OC 250	0130+242
OC 256	0133+207
OC 259	0135–247
OC 317	0110+318
OC 358	0134+329
OC 368	0141+339
OC 383	0149+335
OC 457	0133+476
OD 026	0215+015
OD 043	0225–014
OD 044	0226–038
OD 055	0232–042
OD 056	0233–025
OD 062	0237+040
OD 068	0240+011
OD 094.7	0256+075
OD 095	0256–005
OD 124	0214+108
OD 148	0229+131
OD 160	0235+164
OD 258	0234+285
OD 263	0237–233
OE 017	0310+013
OE 030	0317–023
OE 063	0336–019
OE 069	0340+048
OE 083	0350–073
OE 110	0306+102
OE 181.9	0349–146
OE 323	0313+344
OE 355	0333+321
OE 400	0300+470
OF 024	0414–060
OF 035	0420–014
OF 036	0421+019
OF 038	0422+004
OF 067	0440–003
OF 092	0454+039
OF 097	0457+024
OF 098	0458–020
OF 109	0405–123
OF 111	0406–127
OF 141.3	0424–131
OF 200	0400+258
OF 292	0454–234
OG 008	0504+030
OG 123	0514–161
OG 130.2	0518+165
OG 220	0511–220
OG 263	0537–286
OG 465	0538+498
OH 010	0605–085
OH 218	0610+260
OH 471	0642+449
OI 061	0736–063
OI 072	0743–006
OI 090.4	0754+100
OI 117	0710+118
OI 142	0725+147
OI 158	0735+178
OI 198	0758+143
OI 250	0730+257
OI 267	0740+235
OI 275	0745+241
OI 287	0752+258
OI 306.8	0704+384
OI 318	0711+356

TABLE 2—*Continued*

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
OI 363	0738+313	OL 064.5	1038+064	ON 241	1225+206
OI 368	0740+380	OL 078.4	1046+053	ON 313	1208+322
OI 371	0742+318	OL 079.2	1047+096	ON 319	1211+334
OI 380	0748+333	OL 082	1048-090	ON 325	1215+303
OI 444	0726+431	OL 084	1049-005	ON 330	1218+339
OI 478	0746+483	OL 093	1055+018	ON 374	1244+324
OI 680	0747+613	OL 107.7	1004+130	ON 392	1255-316
OJ 008	0805+046	OL 108.1	1004+141	ON 411	1206+439
OJ 014	0808+019	OL 133	1020+191	ON 428	1216+487
OJ 021	0812+020	OL 136	1022+194	ON 584	1250+568
OJ 049	0829+046	OL 166.6	1040+123	OP 009	1305+069
OJ 076	0845-051	OL 196	1058+110	OP 050	1329-049
OJ 078	0846+100	OL 205	1001+226	OP 059	1335-061
OJ 103.3	0802+103	OL 219	1011-282	OP 106	1302-102
OJ 131	0818-128	OL 220	1012+232	OP 112	1307+121
OJ 145	0827+193	OL 227	1015+277	OP 115	1308+182
OJ 160	0836+195	OL 259	1034-293	OP 131	1318+113
OJ 162	0837-120	OL 281	1048+240	OP 151	1331+170
OJ 163	0838+133	OL 282	1049+215	OP 187	1352-104
OJ 171	0843+136	OL 293	1055+201	OP 191	1354+195
OJ 180	0848+155	OL 318	1010+350	OP 192	1354-152
OJ 184	0850+140	OL 326	1015+359	OP 211	1306+274
OJ 193.1	0855+143	OL 331	1018+348	OP 246	1327-214
OJ 195	0856+170	OL 333	1019+309	OP 247	1328+254
OJ 199	0859-140	OL 347	1028+313	OP 291	1354+258
OJ 225	0814+227	OL 422	1012+488	OP 313	1308+326
OJ 234	0820+296	OL 474	1044+476	OP 322	1313-333
OJ 248	0827+243	OL 492	1055+499	OP 326	1315+346
OJ 256	0833+276	OL 564	1038+528	OP 348	1328+307
OJ 259	0834+250	OL 676	1045+604	OP 372.2	1503+691
OJ 287	0851+202	OL 682	1049+616	OP 530	1317+520
OJ 302	0801+303	OM 006	1103-006	OP 554	1332+552
OJ 320	0812+367	OM 076	1145-071	OP 577	1345+584
OJ 336	0821+394	OM 080	1148-001	OP 594	1356+581
OJ 346.5	0827+378	OM 083	1150+095	OP 668	1340+606
OJ 401	0800+608	OM 109	1104+167	OQ 010	1406-076
OJ 417	0809+483	OM 118	1111+149	OQ 027.7	1416+067
OJ 448	0828+493	OM 127	1116+128	OQ 058	1434-076
OJ 499	0859+470	OM 133	1119+183	OQ 081	1449-012
OJ 508	0804+499	OM 146	1127-145	OQ 085	1451+097
OJ 535	0820+560	OM 150	1130+106	OQ 090	1454-060
OJ 558	0835+580	OM 161	1136-135	OQ 095	1456+092
OJ 665	0839+616	OM 181	1148-171	OQ 100	1400+162
OK 011	0906+015	OM 229	1117-248	OQ 125	1415+172
OK 019	0911+053	OM 272	1143-245	OQ 135	1421+122
OK 037	0922+005	OM 280	1147+245	OQ 141	1424-118
OK 055	0932+022	OM 295	1156+295	OQ 151	1430-178
OK 085	0952+097	OM 303	1101+384	OQ 155	1433+177
OK 096	0957+003	OM 356	1132+303	OQ 172	1442+101
OK 106	0903+169	OM 389	1153+317	OQ 190	1453-109
OK 136	0922+149	OM 484	1150+497	OQ 235	1422+202
OK 142	0926+117	OM 525	1115+536	OQ 236	1423+242
OK 186	0952+179	OM 540/4	1124+571	OQ 242	1425+267
OK 222	0912+297	ON 001	1200-051	OQ 244	1426+295
OK 232	0919-260	ON 029	1217+023	OQ 259	1435-218
OK 233	0919+218	ON 044	1226+023	OQ 261	1435+248
OK 270	0941+261	ON 049	1229-021	OQ 279	1448-232
OK 290	0953+254	ON 073	1243-072	OQ 287	1452+301
OK 296	0957+227	ON 089	1253-055	OQ 288	1452-217
OK 340	0923+392	ON 106	1203+109	OQ 334	1420+326
OK 345.8	0927+362	ON 119	1210+134	OQ 425	1415+463
OK 362	0937+391	ON 135	1221+186	OQ 530	1418+546
OK 388	0952+357	ON 162	1237-101	OQ 663	1437+624
OK 393	0955+326	ON 169	1241+166	OR 015	1508-055
OK 410	0906+430	ON 176	1245+189	OR 017	1510-089
OK 476	0945+408	ON 187	1252+119	OR 078	1546+027
OK 492	0955+476	ON 208	1204+281	OR 102	1504-166
OK 568	0941+522	ON 231	1219+285	OR 103	1502+106
OK 591	0954+556	ON 238	1222+216	OR 118	1509+158
OL 040	1023+067	ON 239	1223+252	OR 139	1522+113

TABLE 2—*Continued*

NAME	COORDINATE DESIGNATION
OR 140	1524+101
OR 165	1538+149
OR 167	1540+180
OR 181	1548+114
OR 199	1559+173
OR 225	1514-241
OR 241	1525+227
OR 276	1545+210
OR 321	1512+370
OR 342	1525+314
OR 372	1542+373
OR 605	1502+602
OS 092	1655+077
OS 094	1656+053
OS 108.2	1604+159
OS 113	1606+180
OS 131	1618+177
OS 140	1622+158
OS 210	1606+289
OS 240	1623+269
OS 257	1634+269
OS 264.4	1638+398
OS 295	1657+265
OS 319	1611+343
OS 328	1622+238
OS 334	1620+356
OS 349	1628+363
OS 353.8	1632+391
OS 356	1633+382
OS 368	1641+399
OS 387	1652+398
OS 392	1656+348
OS 562	1637+574
OT 068	1741-038
OT 081	1749+096
OT 101	1700+180
OT 129	1717+178
OT 204	1702+298
OT 295	1756+237
OT 336	1721+343
OT 355	1732+389
OT 398	1758+388
OT 463	1738+499
OT 465	1738+476
OT 486	1751+441
OT 546	1727+502
OT 566	1739+522
OT 607	1704+608
OU 251	1830+285
OU 401	1800+440
OU 432	1819+408
OU 447	1828+487
OV 198	1958-179
OV 236	1921-293
OV 591	1954+513
OW 098	2059+034
OW 154.9	2032+107
OW 174	2044-168
OX 036	2121+053
OX 049	2128+089
OX 057	2134+004
OX 076.1	2145+067
OX 081	2149+069
OX 134.2	2120+168
OX 158	2135-147
OX 161	2136+141
OX 167	2140+102
OX 169	2141+175
OX 173	2143-156
OX 175	2144-179
OX 178	2146-133
OX 192	2155-152
OX 294	2156+297
OX 325	2115-305
OY 015.8	2209+080
OY 027	2216-038
OY 039	2223-052
OY 091	2254+074
OY 091.3	2254+024
OY 106	2203-188
OY 150	2230+114
OY 172.6	2243-123
OY 179	2247+132
OY 181	2247+140
OY 182	2248+192
OY 185	2251+158
OY 186	2251+113
OY 188	2252+129
OY 286	2251+244
OY 401	2200+420
OY 489	2253+417
OZ 014	2308+098
OZ 031	2318+049
OZ 033	2320+079
OZ 061	2335+031
OZ 073.5	2344+092
OZ 076	2345+061
OZ 108	2305+187
OZ 146.9	2328+107
OZ 176	2345-167
OZ 187	2351-154
OZ 188	2353+154
OZ 191	2354+144
OZ 193	2356+196
OZ 242	2325+269
OZ 243	2325+293
OZ 280	2348-252
OZ 289	2353+283
OZ 453.7	2332+489
Palomar-Berger Objects	
PB 2704	1123+264
PB 2843	1128+315
PB 2964	1132+303
PB 3090	1250+313
PB 3169	1256+294
PB 3207	1258+287
PB 3214	1258+286
PB 3216	1258+285
PB 3259	1300+284
PB 3276	1301+316
PB 3296	1303+308
PB 3304	1303+313
PB 3336	1305+301
PB 3344	1306+303
PB 3348	1306+274
PB 3388	1309+298
PB 3471	1315+302
PB 3520	1318+290
PB 3521	1318+290
PB 3638	1425+267
PB 3697	1435+315
PB 3977	1331+170
PB 4007	1333+176
PB 4142	1352+183
PB 4145	1352+184
PB 4381	1254+047
PB 5195	2254+024
PB 5235	2302+029
PB 5337	2318+049
PB 5355	2320+079
PB 5427	2329-020
PB 5458	2332-017
PB 5468	2333+019
PB 5468B	2334+019
PB 5512	2340-003
PB 5532	2344+092
PB 5540	2345+003
PB 5541	2345+061
PB 5564	2349-014
PB 5575	2350-015
PB 5580	2351-006
PB 5651	2356+016
PB 5698	2359+005
PB 5731	0003-003
PB 5748	0004+024
PB 5765	0006+014
PB 5777	0007-017
PB 5780	0008-008
PB 5791	0009-016
PB 5793	0009-018
PB 5816	0012+006
PB 5829	0013-004
PB 5901	0019+011
PB 5924	0021+055
PB 5963	0025-018
PB 5994	0027+018
PB 6024	0030+034
PB 6060	0033+079
PB 6070	0035-002
PB 6091	0038-020
PB 6098	0038-019
PB 6151	0043+039
PB 6277	0105+061
PB 6279	0105-008
PB 6280	0106+013
PB 6291	0107-025
PB 6342	0112-017
PB 6360	0114+074
PB 6367	0115+027
PB 6370	0115-011
PB 6429	0122-003
PB 6441	0123-021
PB 6447	0124-021
PB 6455	0125-004
PB 6465	0126+030
PB 6468	0126-015
PB 6482	0128+074
PB 6513	0154-020
PB 6540	0156+035
PB 6562	0157+011
PB 6589	0159+036
PB 6679	0205+024
PB 6690	0206+001
PB 6709B	0207-003
PB 6721	0208-018
PB 6793	0213+013
PB 6856	0240+007
PB 6960	0256-005
PB 6989	0300-004
PB 7136	2216-038
PB 7191	2243-032
PB 7192	2243-123
PB 7212	2245-128
PB 7853	2340-036
PB 8312	0029-121
PB 8357	0031-076

TABLE 2—*Continued*

NAME	COORDINATE DESIGNATION
PB 8364	0032-073
PB 8484	0039-031
PB 8553	0107-025
PB 8570	0108-144
PB 8761	0119-046
PB 8800	0122-042
Palomar-Haro-Luyten Objects	
PHL 61	2134+004
PHL 109	2140-048
PHL 373	2238-175
PHL 441	2314-116
PHL 553	2329-020
PHL 600	2355-106
PHL 650	0002+051
PHL 658	0003+158
PHL 767	0014-043
PHL 828	0044+030
PHL 841	0045-000
PHL 847	0046+154
PHL 850	0046+112
PHL 856	0048-097
PHL 857	0048-013
PHL 868	0049+007
PHL 881	0050+106
PHL 891	0051+146
PHL 892	0052+145
PHL 895	0052-009
PHL 909	0054+144
PHL 915	0055+156
PHL 921	0056+126
PHL 923	0056-001
PHL 938	0058+019
PHL 957	0100+130
PHL 959	0100+020
PHL 964	0100+099
PHL 1027	0130+033
PHL 1033	0131+037
PHL 1037	0131+000
PHL 1038	0131+015
PHL 1049	0132+077
PHL 1072	0135+056
PHL 1078	0135-057
PHL 1092	0137+060
PHL 1093	0137+012
PHL 1096	0137-010
PHL 1106	0139+059
PHL 1119	0140+081
PHL 1127	0141+052
PHL 1186	0147+089
PHL 1194	0148+090
PHL 1195	0148-202
PHL 1220	0150-102
PHL 1222	0151+048
PHL 1226	0151+045
PHL 1305	0226-038
PHL 1352	0231+022
PHL 1377	0232-042
PHL 1443	0240+007
PHL 1598	2128-123
PHL 1657	2135-147
PHL 2278	2320-035
PHL 2565	0000-026
PHL 2625	0003-066
PHL 2871	0017+154
PHL 2969	0044+015
PHL 2981	0045-260
PHL 2989	0046-067
PHL 3029	0048-280
PHL 3041	0049-002
PHL 3375	0128+074
PHL 3400	0129-021
PHL 3424	0131+055
PHL 3470	0133+011
PHL 3582	0137-018
PHL 3632	0139+061
PHL 3665	0141+024
PHL 3700	0142+007
PHL 3703	0142-100
PHL 3828	0147+019
PHL 4226	0236-181
PHL 5200	2225-055
PHL 5225	2227-088
PHL 6113	2355-082
PHL 6304	0005-239
PHL 6612	0043+008
PHL 6625	0044-209
PHL 7392	0133+004
PHL 7756	0143-015
PHL 8462	0237-233
Kunth, Sargent, Koval Objects	
POX 5B	1150-176
POX 8	1150-186
POX 29	1155-150
POX 30	1155-181
POX 33	1155-187
POX 35	1156-185
POX 42	1158-187
POX 50	1200-204
POX 54	1201-197
POX 61	1203-160
POX 62	1202-207
POX 101	1212-198
POX 103	1213-201
POX 104	1259-135
POX 115	1302-125
POX 117	1304-107
POX 123	1304-121
POX 166	1318-113
POX 174	1320-141
POX 175	1320-106
POX 184	1321-095
POX 188	1323-107
Boyle Objects	
QNA1:04	1335+005
QNA1:18	1336+007
QNA1:20	1336+006
QNA1:21	1336+004
QNA1:25	1336+004
QNA1:27	1336+004
QNA1:28	1336+005
QNA1:30	1336+006
QNA1:35	1335+005
QNA1:41	1337+004
QNA1:42	1337+004
QNA1:44	1336+001
QNB1:20	1040+014
QNB1:22	1040+014
QNB1:24	1040+013
QNB1:26	1040+012
QNB1:28	1040+013
QNB1:34	1039+012
QNB1:38	1039+012
QNB1:43	1040+015
QNB1:49	1040+015
QNB2:01	1041+010
QNB2:02	1040+011
QNB2:06	1040+011
QNB2:07	1040+009
QNB2:15	1041+011
QNB2:17	1041+011
QNB2:23	1042+008
QNB2:24	1041+008
QNB2:25	1041+009
QNB2:28	1041+009
QNB2:36	1040+008
QNB2:40	1042+007
QNB2:42	1041+007
QNB2:45	1042+007
QNB2:46	1041+007
QNY1:02	1233-008
QNY1:06	1233-009
QNY1:07	1233-005
QNY1:08	1233-007
QNY1:09	1233-006
QNY1:17	1234-007
QNY1:24	1234-006
QNY1:25	1234-006
QNY1:26	1234-006
QNY1:28	1234-004
QNY1:29	1233-006
QNY1:30	1234-005
QNY1:31	1234-004
QNY1:32	1234-003
QNY1:33	1234-003
QNY1:36	1233-006
QNY2:02	1235+005
QNY2:05	1235+005
QNY2:07	1235+006
QNY2:09	1235+005
QNY2:10	1234+005
QNY2:12	1235+004
QNY2:14	1235+005
QNY2:15	1235+004
QNY2:16	1235+005
QNY2:19	1235+002
QNY2:21	1234+003
QNY2:22	1234+002
QNY2:25	1234+001
QNY2:26	1236+004
QNY2:27	1235+000
QNY2:29	1236+000
QNY2:32	1236+001
QNY2:37	1234+001
QNY2:39	1235+000
QNY3:01	1235+011
QNY3:04	1236+010
QNY3:06	1236+011
QNY3:07	1235+011
QNY3:08	1236+011
QNY3:09	1236+011
QNY3:13	1236+010
QNY3:14	1235+008
QNY3:20	1235+007
QNY3:22	1235+010
QNY3:27	1235+009
QNY3:29	1235+008
QNY3:34	1234+010
QNY3:44	1235+014

TABLE 2—*Continued*

NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION	NAME	COORDINATE DESIGNATION
QNY3:49	1235+014	QNZ4:37	1519+028	QSF3:05	0340–440
QNY3:53	1235+012	QNZ4:39	1519+028	QSF3:08	0341–441
QNY3:55	1234+013	QNZ4:40	1519+027	QSF3:10	0340–441
QNY3:56	1235+013	QNZ4:41	1519+026	QSF3:12	0340–440
QNY4:15	1237–008	QNZ4:44	1519+025	QSF3:13	0340–440
QNY4:18	1237–009	QNZ4:45	1519+027	QSF3:15	0339–442
QNY4:30	1236–009	QNZ4:47	1519+026	QSF3:18	0340–440
QNY4:33	1236–008	QNZ4:53	1519+030	QSF3:19	0340–440
QNY4:40	1235–006	QNZ4:57	1518+030	QSF3:27	0339–443
QNY4:41	1236–007	QNZ4:59	1518+028	QSF3:29	0339–441
QNY4:42	1236–008	QNZ5:02	1522+025	QSF3:31	0340–444
QNY4:45	1236–007	QNZ5:04	1522+025	QSF3:32	0340–443
QNY4:50	1237–004	QNZ5:06	1521+024	QSF3:34	0340–443
QNY4:52	1237–004	QNZ5:11	1520+025	QSF3:35	0339–445
QNY4:53	1236–003	QNZ5:16	1520+024	QSF3:36	0339–445
QNY4:64	1237–004	QNZ5:19	1521+024	QSF3:39	0340–442
QNY5:03	1237–012	QNZ5:24	1520+023	QSF3:40	0341–442
QNY5:26	1237–010	QNZ5:30	1520+026	QSF3:45	0341–444
QNY5:27	1237–011	QNZ5:31	1520+027	QSF3:47	0341–445
QNY5:36	1237–013	QNZ5:32	1520+026	QSF5:01	0336–444
QNY5:39	1237–013	QNZ5:34	1520+027	QSF5:04	0336–444
QNY5:45	1236–011	QNZ5:35	1520+025	QSF5:09	0336–443
QNY5:56	1235–013	QNZ5:38	1520+027	QSF5:10	0335–444
QNZ1:10	1518+020	QNZ5:48	1521+024	QSF5:12	0335–441
QNZ1:13	1518+020	QNZ5:50	1521+027	QSF5:15	0335–443
QNZ1:15	1518+020	QNZ5:51	1522+026	QSF5:17	0334–441
QNZ1:16	1519+019	QNZ5:54	1521+026	QSF5:18	0335–444
QNZ1:18	1519+019	QNZ5:55	1521+026	QSF5:19	0336–441
QNZ1:22	1518+021	QNZ5:58	1521+027	QSF5:20	0338–443
QNZ1:23	1519+019	QSF1:01	0339–450	QSF5:23	0337–443
QNZ1:29	1519+021	QSF1:03	0339–450	QSF5:25	0338–443
QNZ1:31	1519+023	QSF1:04	0339–451	QSF5:31	0337–439
QNZ1:35	1519+023	QSF1:05	0339–450	QSF5:33	0336–442
QNZ1:38	1518+022	QSF1:07	0341–452	QSF5:35	0336–439
QNZ1:43	1517+021	QSF1:09	0341–453	QSF5:36	0335–440
QNZ1:45	1517+022	QSF1:10	0340–451	QSF5:39	0337–441
QNZ1:50	1518+022	QSF1:11	0340–452	QSF5:40	0337–444
QNZ2:01	1515+027	QSF1:12	0340–453	QSF5:42	0336–442
QNZ2:02	1516+028	QSF1:16	0340–452	QSF5:44	0337–443
QNZ2:03	1516+027	QSF1:17	0339–448	QSF5:47	0337–444
QNZ2:04	1516+026	QSF1:19	0339–448	QSF5:48	0337–445
QNZ2:05	1516+028	QSF1:22	0339–448	QSI2:12	2238–399
QNZ2:06	1516+027	QSF1:29	0341–450	QSI2:15	2235–401
QNZ2:12	1515+026	QSF1:30	0342–449	QSI2:18	2235–401
QNZ2:19	1515+026	QSF1:31	0342–451	QSI2:30	2238–403
QNZ2:20	1515+029	QSF1:32	0341–451	QSI2:43	2238–402
QNZ2:21	1514+029	QSF1:33	0342–449	QSI4:12	2237–393
QNZ2:22	1515+028	QSF1:34	0340–450	QSI4:13	2237–393
QNZ2:27	1515+028	QSF1:36	0342–450	QSI4:14	2237–393
QNZ2:31	1515+027	QSF1:37	0341–447	QSI4:15	2236–392
QNZ2:32	1516+030	QSF1:40	0341–449	QSI4:37	2237–395
QNZ2:36	1515+027	QSF2:03	0344–458	QSI4:38	2237–395
QNZ2:41	1516+029	QSF2:05	0345–457	QSI4:40	2237–396
QNZ2:46	1516+028	QSF2:09	0343–460	QSM1:01	2206–191
QNZ2:50	1516+028	QSF2:15	0344–461	QSM1:03	2206–194
QNZ3:22	1516+014	QSF2:16	0344–460	QSM1:15	2207–191
QNZ3:33	1516+012	QSF2:17	0346–462	QSM1:19	2208–194
QNZ3:45	1516+015	QSF2:18	0345–462	QSM1:21	2208–195
QNZ3:51	1515+016	QSF2:20	0346–463	QSM1:25	2207–196
QNZ3:54	1515+017	QSF2:26	0346–462	QSM1:26	2208–194
QNZ3:55	1515+015	QSF2:28	0344–463	QSM1:31	2207–196
QNZ4:02	1518+030	QSF2:29	0345–463	QSM1:34	2206–197
QNZ4:06	1518+026	QSF2:30	0344–462	QSM1:35	2207–196
QNZ4:14	1518+025	QSF2:31	0344–462	QSM1:36	2207–195
QNZ4:16	1518+025	QSF2:35	0345–463	QSM1:38	2205–196
QNZ4:23	1518+028	QSF2:36	0344–462	QSM2:03	2206–203
QNZ4:24	1518+030	QSF2:39	0345–460	QSM2:07	2206–199
QNZ4:28	1518+028	QSF2:42	0346–461	QSM2:08	2205–200
QNZ4:30	1519+028	QSF2:44	0346–460	QSM2:09	2206–199
QNZ4:35	1518+028	QSF3:01	0341–440	QSM2:18	2207–200

TABLE 2—*Continued*

NAME	COORDINATE DESIGNATION
QSM2:22	2207-201
QSM2:31	2207-199
QSM2:32	2207-201
QSM2:34	2208-198
QSM2:36	2207-200
QSM2:44	2207-198
QSM3:01	2203-187
QSM3:05	2203-188
QSM3:06	2202-189
QSM3:11	2202-187
QSM3:16	2203-186
QSM3:20	2203-192
QSM3:21	2202-189
QSM3:36	2202-190
QSM3:41	2201-190
QSM3:43	2201-188
QSM4:05	2159-190
QSM4:10	2159-191
QSM4:18	2159-191
QSM4:20	2159-188
QSM4:28	2159-188
QSM4:31	2159-186
QSM4:35	2159-187
QSM4:44	2201-189
QSM4:46	2201-189
QSM4:48	2201-191
QSM4:54	2200-185
QSM4:57	2200-188
QSM4:59	2200-187
QSM5:01	2159-195
QSM5:02	2159-195
QSM5:09	2159-196
QSM5:15	2200-196
QSM5:19	2200-195
QSM5:23	2200-197
QSM5:25	2200-198
QSM5:27	2159-194
QSM5:30	2200-198
QSM5:31	2200-196
QSM5:36	2200-194
QSM5:42	2159-192
QSM5:43	2159-194
QSM5:45	2159-195
QSM6:01	2201-194
QSM6:07	2202-196
QSM6:10	2203-194
QSM6:15	2203-193
QSM6:18	2202-193
QSM6:21	2203-198
QSM6:22	2203-198
QSM6:24	2203-196
QSM6:28	2203-197
QSM6:38	2202-197
QSM6:46	2203-195
QSM7:02	2158-194
QSM7:04	2157-194
QSM7:07	2158-195
QSM7:13	2157-198
QSM7:28	2156-196
QSM7:33	2157-196
QSM7:42	2156-194
QSM7:46	2156-194
QSM7:61	2156-193
QSM7:63	2157-194
QSM8:02	2158-189
QSM8:10	2158-190
QSM8:17	2157-189
QSM8:23	2158-186
QSM8:26	2157-185
QSM8:28	2157-187
QSM8:35	2156-186
QSM8:58	2157-192
Ryle and Neville Sources	
RN 8 BS	0210+860
Richter and Sahakjan Objects	
RS 4	1218+304
RS 13	1331+277
RS 23	1333+286
RS 32	1336+264
Warren, Hewett and Osmer Objects	
S 01	0059-288
S 02	0049-286
S 03	0101-299
S 04	1732+389
S 05	0048-259
S 06	0052-290
S 07	0046-290
S 08	0056-293
S 09	0054-299
S 10	0058-290
S 11	0102-265
S 12	0104-284
S 13	0056-293
S 14	0053-276
S 15	0056-305
S 16	0058-294
S 17	0054-267
S 18	0051-267
S 19	0104-269
S 20	0041-262
S 21	0057-310
S 22	0102-277
S 23	0056-303
S 24	0051-264
S 25	0054-309
S 26	0059-304
S 27	0039-304
S 29	0043-296
S 30	0048-309
S 31	0104-291
S 32	0100-280
S 33	0048-269
S 34	0040-283
S 35	0055-308
S 36	0047-309
S 37	0055-277
S 38	0057-288
S 39	0042-276
S 40	0102-293
S 41	0053-302
S 42	0052-307
S 43	0102-301
S 44	0054-291
S 45	0050-281
S 46	0102-285
S 47	0100-283
S 48	0057-308
S 49	0105-278
S 50	0100-292
S 51	0042-267
S 52	0102-296
S 53	0048-264
S 54	0041-309
S 55	0105-284
S 56	0052-290
S 57	0057-282
S 58	0055-254
S 59	0054-293
S 60	0049-297
S 61	0042-266
S 62	0047-286
S 63	0043-307
S 64	0040-303
S 65	0058-263
S 66	0058-292
S 67	0050-257
S 68	0053-303
S 69	0103-263
S 70	0053-278
S 71	0103-294
S 72	0043-261
S 73	0103-301
S 74	0047-268
S 75	0044-273
S 76	0047-307
S 77	0040-279
S 78	0059-304
S 79	0043-259
S 80	0042-269
S 81	0050-283
S 82	0103-260
S 83	0053-276
S 84	0043-265
S 85	0043-275
S 86	0046-267
S 87	0057-274
S 88	0100-283
S 89	0059-287
S 90	0046-282
S 91	0046-293
S 92	0101-304
S 93	0051-279
Second Byurakan Objects	
SBS 1	0747+613
SBS 2	0920+580
SBS 3	0944+540
SBS 4	0953+556
SBS 6	0953+549
SBS 7	0957+557
SBS 8	1039+582
SBS 9	1055+584
SBS 11	1117+535
SBS 12	1125+584
SBS 13	1128+574
SBS 15	1204+597
SBS 17	1220+567
SBS 19	1221+545
SBS 20	1229+597
SBS 21	1315+605

TABLE 2—*Continued*

NAME	COORDINATE DESIGNATION
Boyle Objects	
SGP1:03	0057-285
SGP1:04	0056-287
SGP1:05	0057-286
SGP1:06	0057-286
SGP1:07	0056-287
SGP1:10	0055-285
SGP1:16	0056-286
SGP1:17	0055-288
SGP1:20	0056-290
SGP1:21	0056-290
SGP1:22	0056-290
SGP1:31	0057-288
SGP1:39	0055-288
SGP2:01	0048-291
SGP2:06	0049-293
SGP2:11	0050-291
SGP2:13	0049-291
SGP2:14	0050-290
SGP2:16	0050-291
SGP2:18	0049-291
SGP2:19	0050-290
SGP2:20	0049-295
SGP2:25	0049-295
SGP2:27	0049-295
SGP2:30	0048-293
SGP2:34	0048-293
SGP2:36	0048-293
SGP2:39	0048-293
SGP2:40	0050-295
SGP2:44	0050-293
SGP2:45	0049-293
SGP2:46	0050-296
SGP2:47	0050-294
SGP2:48	0049-293
SGP3:02	0052-285
SGP3:05	0051-284
SGP3:09	0051-283
SGP3:10	0052-283
SGP3:13	0052-285
SGP3:18	0053-285
SGP3:19	0052-285
SGP3:20	0053-286
SGP3:22	0052-286
SGP3:23	0051-286
SGP3:25	0051-287
SGP3:27	0053-286
SGP3:31	0053-287
SGP3:34	0053-287
SGP3:35	0053-286
SGP3:37	0053-288
SGP3:38	0052-288
SGP3:39	0053-286
SGP3:48	0052-288
SGP4:02	0056-279
SGP4:04	0056-279
SGP4:05	0056-278
SGP4:07	0056-277
SGP4:08	0056-279
SGP4:09	0056-277
SGP4:10	0055-277
SGP4:14	0055-277
SGP4:16	0055-277
SGP4:25	0055-277
SGP4:27	0056-277
SGP4:29	0055-280
SGP4:33	0057-279
SGP4:37	0055-280
SGP4:39	0056-281
SGP4:41	0054-278
SGP4:45	0054-277
SGP5:06	0051-277
SGP5:08	0050-277
SGP5:15	0051-275
SGP5:16	0051-274
SGP5:24	0049-276
SGP5:32	0050-275
SGP5:45	0049-278
SGP5:46	0049-277
SGP5:50	0049-279
SGP6:01	0049-286
SGP6:08	0049-285
SGP6:10	0050-280
SGP6:14	0049-280
SGP6:17	0050-281
SGP6:18	0049-282
SGP6:20	0049-283
SGP6:22	0048-282
SGP6:23	0048-283
SGP6:27	0049-281
SGP6:31	0050-282
SGP6:32	0050-284
SGP6:33	0050-285
SGP6:36	0050-284
SGP7:09	0053-295
SGP7:16	0052-293
SGP7:20	0051-293
SGP7:22	0051-292
SGP7:24	0051-293
SGP7:27	0051-292
SGP7:28	0052-294
SGP7:31	0053-294
SGP7:33	0053-296
SGP7:35	0054-292
SGP7:36	0054-292
SGP7:37	0053-293
SGP7:39	0053-294
Tololo Objects	
Tololo 3	1032-276
Tololo 4	1032-276
Tololo 6	1032-276
Tololo 7	1033-268
Tololo 8	1033-273
Tololo 9	1033-276
Tololo 11	1033-283
Tololo 13	1034-277
Tololo 15	1035-282
Tololo 16	1035-276
Tololo 17	1036-272
Tololo 18	1038-271
Tololo 19	1037-270
Tololo 20	1037-282
Tololo 21	1037-277
Tololo 22	1038-272
Tololo 23	1038-271
Tonantzintla Objects	
TON S 210	0119-286
TON 11	0845+302
TON 28	1001+291
TON 34	1017+280
TON 83	1231+312
TON 153	1317+277
TON 155	1318+290
TON 156	1318+290
TON 157	1321+294
TON 182	1402+261
TON 469	0955+326
TON 488	1007+303
TON 490	1011+250
TON 580	1128+315
TON 599	1156+295
TON 616	1223+252
TON 621	1231+294
TON 694	1300+284
TON 1009	0906+328
TON 1057	0923+201
TON 1125	0952+338
TON 1208	1018+348
TON 1388	1116+215
TON 1530	1222+228
TON 1565	1309+355
University of Michigan Object	
UM 18	0002+051
UM 30	0021+055
UM 35	0024+033
UM 36	0024+046
UM 42	0027+052
UM 45	0030+034
UM 46	0031+035
UM 52	0034+024
UM 70	0045+057
UM 86	0105+061
UM 87	0109+022
UM 100	0120+026
UM 104	0126+030
UM 109	0127+059
UM 114	0130+033
UM 117	0130+038
UM 118	0131+037
UM 121	0136+060
UM 125	0138+030
UM 131	0141+024
UM 132	0141+052
UM 136	0143+020
UM 139	0145+042
UM 141	0146+017
UM 142	0147+019
UM 144	0151+048
UM 145	0151+045
UM 148	0153+045
UM 153	0156+035
UM 154	0159+036
UM 164	2329-020
UM 197	0002-008
UM 202	0004+024
UM 203	0005-000
UM 208	0007-000
UM 209	0007-017
UM 210	0008-008
UM 211	0009-016
UM 212	0009-018
UM 221	0012-002
UM 222	0012+006
UM 224	0013-004
UM 228	0018+006
UM 230	0019-017

TABLE 2—*Continued*

NAME	COORDINATE DESIGNATION
UM 232	0019+011
UM 233	0020–019
UM 234	0020+009
UM 236	0021+011
UM 237	0022+018
UM 245	0025–018
UM 247	0027+018
UM 248	0027+002
UM 249	0027+009
UM 250	0028–015
UM 251	0028–018
UM 252	0028+002
UM 253	0029+002
UM 259	0032–014
UM 261	0035–002
UM 264	0037–018
UM 265	0038–012
UM 266	0038–019
UM 268	0040–017
UM 269	0040+005
UM 273	0042+019
UM 275	0043+008
UM 276	0044+015
UM 278	0045–013
UM 281	0048–013
UM 284	0049–002
UM 287	0049+007
UM 288	0049+014
UM 291	0052–009
UM 294	0055+004
UM 297	0058+019
UM 301	0100+020
UM 305	0105–008
UM 310	0112–017
UM 314	0115–011
UM 315	0116–021
UM 316	0117–024
UM 320	0122–005
UM 321	0122–003
UM 322	0123–021
UM 324	0124–021
UM 327	0125–004
UM 328	0126–015
UM 331	0129–021
UM 338	0131+009
UM 340	0131+015
UM 341	0131+000
UM 344	0133+011
UM 349	0135–002
UM 355	0137+012
UM 356	0137–018
UM 357	0137–010
UM 359	0138+007
UM 361	0140+015
UM 365	0142+007
UM 366	0143–015
UM 368	0143–010
UM 373	0150–011
UM 375	0150–017
UM 381	0154–020
UM 384	0156+008
UM 385	0157+001
UM 400	0206+001
UM 402	0207–003
UM 403	0207+006
UM 405	0208+017
UM 407	0208–018
UM 415	0213+013
UM 425	1120+019
UM 427	1123+002

NAME	COORDINATE DESIGNATION
UM 443	1135+007
UM 458	1148–001
UM 464	1151–004
UM 473	1201–015
UM 485	1213–002
UM 492	1217+023
UM 497	1222+023
UM 498	1222–016
UM 502	1225–017
UM 510	1237+011
UM 511	1238+006
UM 516	1242+001
UM 519	1245–004
UM 520	1246+005
UM 524	1252+012
UM 531	1255+003
UM 536	1258+016
UM 545	1305+001
UM 556	1313+011
UM 557	1314+012
UM 561	1315+014
UM 569	1319+006
UM 579	1326+021
UM 587	1331–011
UM 590	1334–005
UM 600	1338–013
UM 607	1340–006
UM 608	1342+028
UM 611	1344+016
UM 617	1349+001
UM 627	1358+000
UM 629	1400+001
UM 632	1402–012
UM 638	1405–010
UM 645	1408+009
UM 651	1412+003
UM 655	1418+020
UM 656	2236–242
UM 657	2238–175
UM 658	2244–223
UM 659	2311–036
UM 661	0014–043
UM 662	0016–179
UM 663	0021–185
UM 664	0027–186
UM 665	0029–121
UM 666	0039–031
UM 667	0045–036
UM 668	0100–190
UM 669	0102–190
UM 670	0114–089
UM 671	0117–180
UM 672	0132–197
UM 673	0142–100
UM 674	0148–097
UM 675	0150–202
UM 676	0236–181
UM 677	0239–154
UM 678	0249–222
UM 679	0249–184
UM 680	0307–195
UM 681	0307–195
UM 682	0308–193
UM 683	0334–204
UM 684	0352–275
UM 685	0400–271

NAME	COORDINATE DESIGNATION
Faint Blue Objects	
US 19	1253+290
US 39	1254+304
US 72	1256+294
US 122	1258+287
US 130	1258+286
US 136	1258+285
US 142	1258+286
US 189	1300+284
US 205	1301+307
US 211	1301+295
US 216	1301+316
US 256	1303+308
US 262	1303+313
US 272	1304+310
US 303	1305+298
US 308	1305+301
US 310	1305+298
US 314	1305+295
US 317	1306+303
US 323	1306+276
US 367	1308+301
US 370	1308+284
US 371	1308+326
US 383	1308+294
US 415	1309+298
US 519	1315+302
US 572	1317+277
US 611	1318+290
US 613	1318+290
US 737	0931+437
US 784	0934+452
US 792	0935+424
US 795	0935+430
US 842	0938+455
US 844	0938+450
US 851	0938+451
US 871	0939+435
US 889	0940+460
US 905	0941+441
US 922	0942+443
US 946	0943+451
US 969	0944+440
US 987	0945+436
US 995	0945+438
US 969	0944+440
US 987	0945+436
US 995	0945+438
US 1016	0947+433
US 1023	0947+458
US 1041	0948+421
US 1053	0949+444
US 1101	0952+441
US 1107	0952+457
US 1329	0833+446
US 1420	0836+443
US 1443	0837+470
US 1498	0838+456
US 1742	0846+434
US 1786	0847+429
US 1867	0850+440
US 1885	0850+473
US 2068	0856+468
US 2416	1123+275
US 2450	1124+271
US 2538	1128+315
US 2571	1129+315
US 2599	1130+284

TABLE 2—*Continued*

NAME	COORDINATE DESIGNATION
US 2694	1134+301
US 2778	1137+305
US 2813	1139+286
US 2816	1139+305
US 2828	1139+285
US 2895	1142+275
US 2978	1145+321
US 3146	0244-003
US 3148	0244-019
US 3150	0244-012
US 3166	0245-017
US 3167	0245-004
US 3204	0246-009
US 3213	0247+008
US 3216	0247+002
US 3219	0247-003
US 3221	0248-009
US 3224	0248-001
US 3229	0248+011
US 3254	0249-001
US 3268	0250-012
US 3277	0250-020
US 3293	0251-000
US 3321	0251-009
US 3325	0252+016
US 3333	0252+002
US 3342	0252+016
US 3349	0252+013
US 3354	0253+004
US 3363	0253+006
US 3375	0253+004
US 3390	0254+000
US 3426	0255-015
US 3430	0255+015
US 3437	0255-002
US 3456	0256-005
US 3461	0256+007
US 3464	0256-005
US 3468	0257-006
US 3472	0257+004
US 3493	0257+012
US 3496	0257+019
US 3498	0257+024
US 3499	0257-010
US 3514	0258+016
US 3523	0258+016
US 3531	0258+007
US 3532	0259+014
US 3533	0259+015
US 3540	0259+015
US 3543	0259-002
US 3556	0259-016
US 3605	0301+001
US 3654	0303+011
Vermilion River Observatory	
VR 10.41.0	1030+415
VR 12.40.0	1258+404
VR 15.00.0	0003+158
VR 16.11.0	1104+167
VR 17.01.0	0109+176
VR 17.07.0	0735+178
VR 17.09.0	0952+179
VR 17.16.0	1559+173
VR 18.16.0	1606+180
VR 18.17.0	1700+180
VR 18.23.0	2305+187
VR 19.13.0	1354+195
VR 19.22.0	2248+192
VR 20.08.0	0851+202
VR 21.09.0	0919+218
VR 23.00.0	0035+238
VR 23.17.0	1756+237
VR 24.01.0	0130+242
VR 24.22.0	2251+244
VR 25.07.0	0752+258
VR 25.09.0	0953+254
VR 25.12.0	1223+252
VR 26.16.0	1623+269
VR 28.12.0	1219+285
VR 28.16.0	1606+289
VR 28.18.0	1830+285
VR 28.23.0	2353+283
VR 29.21.0	2156+297
VR 30.08.0	0801+303
VR 31.15.0	1525+314
VR 40.09.0	0945+408
VR 40.11.0	1111+408
VR 40.18.0	1819+408
VR 42.22.0	2200+420
VR 43.07.0	0726+431
VR 43.09.0	0906+430
Weistrop Objects	
W 21541	1303+313
W 22722	1303+308
W 23694	1306+303
W 33211	1301+307
W 61972	1258+286
W 62385	1258+285
W 62579	1300+284
Westerbork Survey	
53W 009	1713+504
53W 015	1714+502
53W 075	1719+497
53W 080	1720+499
53W 085	1720+499
55W 110	0839+447
55W 179	0844+446
Weedman Objects	
WDM 6	1222+102
WDM 8	1232+125
Zwicky Compact Objects	
I ZW 187	1727+502
3C and Revised 3C Sources	
3C 37	0115+027
3C 39	0118+034
3C 57	0159-117
3C 66A	0219+428
3C 82	0247+393
3C 94	0350-073
3C 95	0349-146
3C 108	0409+229
3C 110	0414-060
3C 179	0723+679
3C 185	0736-019
3C 197	0814+227
3C 206	0837-120
3C 232	0955+326
3C 240	1015+277
3C 243	1023+067
3C 246	1048-090
3C 261	1132+303
3C 279	1253-055
3C 281	1305+069
3C 303C	1441+522
3C 311	1502+602
3C 342	1634+269
3C 395	1901+319
3C 407	2005-044
3C 422	2044-027
3C 446	2223-052
3C 463	2325+269
3CR 2	0003-003
3CR 9	0017+154
3CR 14	0033+183
3CR 43	0127+233
3CR 47	0133+207
3CR 48	0134+329
3CR 48/54	0141+339
3CR 61.1	0210+860
3CR 68.1	0229+341
3CR 93	0340+048
3CR 138	0518+165
3CR 147	0538+498
3CR 154	0610+260
3CR 175	0710+118
3CR 181	0725+147
3CR 186	0740+380
3CR 190	0758+143
3CR 191	0802+103
3CR 196	0809+483
3CR 204	0833+654
3CR 205	0835+580
3CR 207	0838+133
3CR 208	0850+140
3CR 212	0855+143
3CR 215	0903+169
3CR 216	0906+430
3CR 220.2	0927+362
3CR 245	1040+123
3CR 249.1	1100+772
3CR 254	1111+408
3CR 263	1137+660
3CR 268.4	1206+439
3CR 270.1	1218+339
3CR 273	1226+023
3CR 275.1	1241+166
3CR 277.1	1250+568
3CR 280.1	1258+404
3CR 286	1328+307
3CR 287	1328+254
3CR 288.1	1340+606
3CR 298	1416+067
3CR 309.1	1458+718
3CR 323.1	1545+210
3CR 334	1618+177
3CR 336	1622+238

TABLE 2—*Continued*

NAME	COORDINATE DESIGNATION
3CR 343	1634+628
3CR 345	1641+399
3CR 351	1704+608
3CR 371	1807+698
3CR 380	1828+487
3CR 418	2037+511
3CR 432	2120+168
3CR 454	2249+185
3CR 454.3	2251+158
3CR 455	2252+129
4C Sources	
4C 08.66	2217+087
4C 00.01	0003-003
4C 00.06	0056-001
4C 00.10	0122-003
4C 00.12	0222-008
4C 00.14	0300-004
4C 00.28	0743-006
4C 00.34	0957+003
4C 00.43	1103-006
4C 00.45	1254+006
4C 00.47	1148-001
4C 00.50	1317-005
4C 00.57	1449-012
4C 01.02	0106+013
4C 01.04	0137+012
4C 01.05	0157+011
4C 01.11	0225-014
4C 01.18	0736-019
4C 01.24	0906+015
4C 01.28	1055+018
4C 02.04	0115+027
4C 02.12	0233-025
4C 02.15	0317-023
4C 02.19	0458-020
4C 02.23	0812+020
4C 02.27	0932+022
4C 02.30	1012+022
4C 02.32	1226+023
4C 02.38	0913-025
4C 02.54	2207+020
4C 02.55	1229-021
4C 02.58	2318+026
4C 02.80	2044-027
4C 02.81	2131-021
4C 03.02	0118+034
4C 03.07	0226-038
4C 03.10	0504+030
4C 03.11	0312-034
4C 03.23	1222+037
4C 03.59	2335+031
4C 03.79	2216-038
4C 03.81	2243-032
4C 04.04	0119-046
4C 04.06	0232-042
4C 04.13	0340+048
4C 04.53	1542+042
4C 04.76	2005-044
4C 04.81	2338+042
4C 05.03	0044-056
4C 05.06	0135-057
4C 05.17	0414-060
4C 05.34	0805+046
4C 05.38	0911+053
4C 05.46	1046+053
4C 05.48	1104+058
4C 05.55	1253-055
4C 05.62	1454-060
4C 05.64	1508-055
4C 05.81	2150+053
4C 05.84	2222+051
4C 05.92	2223-052
4C 05.93	2225-055
4C 05.95	2303-052
4C 06.04	0046-067
4C 06.35	1335-061
4C 06.40	1023+067
4C 06.41	1038+064
4C 06.45	1305+069
4C 06.49	1416+067
4C 06.69	2145+067
4C 06.76	2345+061
4C 07.04	0114+074
4C 08.04	0033+079
4C 08.62	2128+089
4C 08.64	2209+080
4C 09.01	0033+098
4C 09.17	0445+097
4C 09.31	0846+100
4C 09.35	0952+097
4C 09.37	1047+096
4C 09.39	1150+095
4C 09.52	1451+097
4C 09.57	1749+096
4C 09.72	2308+098
4C 09.74	2344+092
4C 10.06	0214+108
4C 10.25	0802+103
4C 10.30	1058+110
4C 10.33	1130+106
4C 10.34	1203+109
4C 10.39	1502+106
4C 10.43	1524+101
4C 10.66	2140+102
4C 10.67	2158+101
4C 10.73	2328+107
4C 11.26	0710+118
4C 11.32	0926+117
4C 11.45	1318+113
4C 11.50	1548+114
4C 11.69	2230+114
4C 11.72	2251+113
4C 12.17	0352+123
4C 12.37	1040+123
4C 12.39	1116+128
4C 12.40	1118+128
4C 12.46	1307+121
4C 12.59	1629+120
4C 12.79	2252+129
4C 13.14	0229+131
4C 13.38	0838+133
4C 13.39	0843+136
4C 13.41	1004+130
4C 13.46	1210+134
4C 13.55	1530+137
4C 13.84	2247+132
4C 13.85	2251+134
4C 14.24	0725+147
4C 14.25	0758+143
4C 14.28	0850+140
4C 14.30	0855+143
4C 14.31	0922+149
4C 14.60	1538+149
4C 14.82	2247+140
4C 14.85	2354+144
4C 15.01	0003+158
4C 15.02	0017+154
4C 15.45	1509+158
4C 15.54	1604+159
4C 15.55	1622+158
4C 15.58	1639+155
4C 15.76	2251+158
4C 16.12	0518+165
4C 16.26	0903+169
4C 16.30	1104+167
4C 16.34	1241+166
4C 16.39	1400+162
4C 16.49	1732+160
4C 16.72	2120+168
4C 17.04	0007+171
4C 17.09	0109+176
4C 17.22	0404+177
4C 17.46	0856+170
4C 17.59	1433+177
4C 17.65	1559+173
4C 17.68	1618+177
4C 17.73	1700+180
4C 17.86	2112+172
4C 17.87	2131+175
4C 18.07	0158+183
4C 18.34	1221+186
4C 18.36	1308+182
4C 18.43	1540+180
4C 18.45	1547+187
4C 18.47	1606+180
4C 18.51	1739+184
4C 18.67	2249+185
4C 18.68	2305+187
4C 19.30	0827+193
4C 19.31	0836+195
4C 19.34	1022+194
4C 19.44	1354+195
4C 19.74	2248+192
4C 20.07	0133+207
4C 20.24	1055+201
4C 20.29	1225+206
4C 20.33	1422+202
4C 21.25	0919+218
4C 21.28	1049+215
4C 21.35	1222+216
4C 21.45	1545+210
4C 21.59	2149+212
4C 22.08	0409+229
4C 22.20	0814+227
4C 22.25	0957+227
4C 22.26	1001+226
4C 22.47	1819+228
4C 23.24	1012+232
4C 23.43	1622+238
4C 24.02	0130+242
4C 24.23	1048+240
4C 24.31	1423+242
4C 24.32	1435+248
4C 24.61	2251+244
4C 25.01	0017+257
4C 25.05	0123+257
4C 25.21	0730+257
4C 25.40	1223+252
4C 25.43	1328+254
4C 26.20	0610+260
4C 26.48	1623+269
4C 26.49	1634+269
4C 26.51	1657+265
4C 27.21	1015+277
4C 27.38	1741+279
4C 27.41	1807+279

TABLE 2—*Continued*

NAME	COORDINATE DESIGNATION
4C 27.52	2325+269
4C 28.07	0234+285
4C 28.25	1011+280
4C 28.40	1606+289
4C 28.45	1830+285
4C 28.59	2353+283
4C 29.01	0051+291
4C 29.02	0110+297
4C 29.27	0751+298
4C 29.45	1156+295
4C 29.50	1702+298
4C 29.64	2156+297
4C 29.68	2325+293
4C 30.13	0801+303
4C 30.22	1132+303
4C 30.25	1248+305
4C 30.26	1328+307
4C 31.03	0110+318
4C 31.06	0154+316
4C 31.30	0742+318
4C 31.32	0844+319
4C 31.38	1153+317
4C 31.63	2201+315
4C 32.08	0134+329
4C 32.14	0333+321
4C 32.33	0955+326
4C 32.41	1244+324
4C 32.69	2349+327
4C 33.01	0007+332
4C 33.03	0141+339
4C 33.29	1218+339
4C 34.08	0229+341
4C 34.13	0313+344
4C 34.47	1721+343
4C 35.20	0824+355
4C 35.21	0952+357
4C 35.28	1213+350
4C 35.41	1620+356
4C 36.15	0927+362
4C 36.22	1255+370
4C 36.28	1628+363
4C 37.24	0827+378
4C 37.43	1512+370
4C 37.45	1542+373
4C 38.20	0704+384
4C 38.21	0740+380
4C 38.28	0913+391
4C 38.31	1148+387
4C 38.37	1343+386
4C 38.41	1633+382
4C 39.10	0247+393
4C 39.23	0821+394
4C 39.25	0923+392
4C 39.27	0937+391
4C 39.46	1632+391
4C 39.48	1641+399
4C 39.49	1652+398
4C 40.24	0945+408
4C 40.28	1111+408
4C 40.32	1258+404
4C 40.37	1819+408
4C 41.21	1007+417
4C 41.32	1624+416
4C 42.01	0032+423
4C 43.14	0726+431
4C 43.17	0906+430
4C 43.21	1109+437
4C 43.23	1206+439
4C 43.39	1629+439
4C 44.07	0307+444

NAME	COORDINATE DESIGNATION
4C 44.17	0821+447
4C 45.26	1247+450
4C 45.34	1705+456
4C 45.51	2351+456
4C 46.29	1415+463
4C 47.08	0300+470
4C 47.29	0859+470
4C 47.33	1148+477
4C 47.44	1636+473
4C 47.48	1816+475
4C 48.22	0809+483
4C 48.28	1012+488
4C 48.46	1828+487
4C 49.14	0538+498
4C 49.22	1150+497
4C 49.29	1729+491
4C 50.43	1729+501
4C 50.47	1924+507
4C 51.37	1739+522
4C 51.42	2037+511
4C 52.27	1317+520
4C 52.33	1441+522
4C 53.24	1213+538
4C 53.28	1347+539
4C 54.18	0906+546
4C 55.17	0954+556
4C 55.27	1332+552
4CP 56.16A....	0820+560
4C 56.20	1250+568
4C 56.27	1823+568
4C 56.28	1857+566
4C 57.15	0805+578
4C 57.27	1602+576
4C 57.28	1656+571
4C 57.29	1658+575
4C 58.16	0835+580
4C 58.17	0850+581
4C 58.27	1345+584
4C 58.29	1356+581
4C 58.32	1634+589
4C 60.15	1045+604
4C 60.18	1340+606
4C 60.19	1502+602
4C 60.24	1704+608
4C 61.19	0839+616
4C 61.20	1049+616
4C 61.34	1742+617
4CP 62.12B....	0821+621
4C 62.26	1634+628
4C 63.15	1156+631
4C 64.15	1215+643
4C 65.09	0833+654
4C 65.13	1152+659
4C 65.15	1323+655
4C 65.21	1732+655
4C 66.13	1137+660
4C 67.14	0723+679
4C 68.18	1629+680
4C 69.18	1503+691
4C 69.21	1642+690
4C 69.24	1807+698
4C 71.07	0836+710
4C 71.15	1458+718
4C 72.16	1058+726
4C 73.18	1928+738
4C 74.26	2043+749
4C 77.09	1100+772

NAME	COORDINATE DESIGNATION
5C Sources	
5C2.10	1049+489
5C2.56	1055+499
5C3.178	0045+395
5C3.20	0032+423
5C3.44	0034+393
5C4.105	1258+287
5C6.189	0215+315
5C7.214	0820+296
5C12.121.1....	1257+346
5C12.89.4	1256+357
MISCELLANEOUS	
ALW 11	0642-506
AP LIB	1514-241
BA 54-182	1033+293
BL LAC	2200+420
C 32	1302+360
GQ COMAE	1202+281
KAZARYAN 102 .	1803+676
PAVO XD-10 ...	2111-679
R 21	1908-600
R 206	1721+343
RMB 98	1222+135
RMB 109	1232+125
RMB 207	1228+112
V396 HER	1720+246
W COM	1219+285

TABLE 3

OBJECTS WHICH ARE IN THE HEWITT & BURBIDGE (1991) CATALOG AND NO LONGER IN THE QSO CATALOG

Coordinate Name	Other Name	z
0003+199	MKN 335	0.025
0007+106	III ZW 2	0.0890
0037+061	...	0.063
0050+124	I ZW 1	0.061
0111−015	1E	0.120
0119−013	II ZW 1	0.054
0121−590	F 9	0.046
0134+033	PHL 1070	0.0793
0148−518	...	0.0553
0241+622	4U	0.044
1032−270	TOLOLO 2	0.06
1059+730	...	0.089
1142+310	US 2896	0.060
1219+755	MKN 205	0.07
1219+047	...	0.094
1220+160	...	0.081
1225+317	...	0.083
1225+089	1E	0.085
1229+204	TON 1542	0.064
1257+286	X COMAE	0.092
1351+640	PG	0.088
1403+546	1E	0.082
1519−065	...	0.084
1530+151	1E	0.090
1557+272	...	0.065
1602+241	1E	0.087
2130+099	II ZW 136	0.061
2206−197	...	0.064
2355−329	...	0.071

TABLE 4

QUASI-STELLAR OBJECTS WITHOUT COORDINATES

Coordinate Name	z	m_R	Reference
0035−25	4.15	18.9	1
0047−23	3.422		2
0103+00	4.44	18.6	1
0111−28	4.30	18.7	1
0112−27	2.894		2
0112−30	2.985		2
0115−30	3.249		2
0135−42	3.97	18.5	1
0151−00	4.20	18.9	1
0241−01	4.07	18.2	1
0952−01	4.43	18.7	1
1013+00	4.40	18.8	1
1050−00	4.30	18.5	1
1052+04	3.391		2
1205−30	3.036		2
1159+00	2.586		2
1159+01	3.269		2
1500+08	3.98	19.2	1
2235−03	4.25	18.2	1
2239−58	3.554		2
2334+10	2.243		2
2351+10	2.379		2

REFERENCES.—(1) Irwin & McMahon 1990; (2) Lanzetta, K. M. et al. 1991.