

COELVVM

ASTRONOMIA

di Rinaldo Monella

ACRONYMS FOR NONSTELLAR ASTRONOMICAL OBJECTS

ACRONYMS	FULL DENOMINATIONS	BA ND	OBJECT TYPE	REFERENCES
000 V 000	VLA source	Rd	Extragalactics	AJ 102, 1258 -1991-
1 Jy	1 Jansky	Rd	Miscellaneous	A&AS 45, 367 -1981, A&AS 105, 211 -19
19W...	Wouterloot	V	Planetary Nebulae	A&AS 36, 323 -1979- and segg.
1E	First Einstein Catalogue	X	Miscellaneous	ApJ 234, L1 -1979-
1ES	Einstein IPC Slew survey	X	Extragalactics	ApJS 80, 257-1992-
1H	A-1 X-Ray Source Catalogue	X	Miscellaneous	ApJS 56, 507 -1984- ApJS 72, 471 -
1RXS	ROSAT X-ray Source (Bright Source Catalogue)	X	Miscellaneous	IUA Circ. 6420 -1996- and segg.
1SAX	1 Small Astronomical X-ray satellite	X	Miscellaneous	
2A	Second Ariel 5 Catalogue	X	Miscellaneous	MNRAS 182, 489 -1978-, ADC CD-ROM Vol. 1, ApJS 72, 471 -1990-
2C	Second Cambridge Radio Catalogue	Rd	Miscellaneous	MRAS 67, 106 -1955-
2CG	COS-B Gamma	Gamma	Miscellaneous	ApJ 243, L69 -1981-
2E	Second Einstein Catalogue	X	Miscellaneous	Harris, D.E. et al. -1990, The Einstein Observatory Catalog of IPC X-ray Sources - S.A.O.; McDowell J. S.A.O. CD-Rom Ser. I, 18-36, -1994-

2EG	Second EGRET Catalogue	Gamma	Miscellaneous	ApJS 101, 259 -1995-; ApJS 107, 227 -1997-; AAS CD-ROM Volls. 6+9
2EGS	Second EGRET Catalogue Supplement	Gamma	Miscellaneous	ApJS 107, 227 -1996-
2EU	Second EUVE Catalogue	UV	Miscellaneous	ApJS 102, 129 -1996-
2H	A-1 Intermediate Sensitivity Survey	X	Miscellaneous	ApJS 61, 353 -1986-
2RE	ROSAT second all-sky survey	X	Extragalactics	MNRAS 274, 1165 -1995-
2S				
2U	Second Uhuru X-Ray Source Catalogue	X	Miscellaneous	
3A	Third Ariel 5 Catalogue	X	Miscellaneous	MNRAS 197, 893 -1981-, ADC CD-ROM Vol. 1
3C	Third Cambridge Radio Catalogue	Rd	Miscellaneous	MRAS 68, 37 -1959- and segg.
3U	Third Uhuru X-Ray Source Catalogue	X	Miscellaneous	
4C	Fourth Cambridge Radio Catalogue	Rd	Miscellaneous	MRAS 69, 183 -1965- and segg.; ADC CD-ROM Vol. 3
4U	Fourth Uhuru X-Ray Sources Catalogue	X	Miscellaneous	ApJS 38, 357 -1978-, ADC CD-ROM Vol. 1
53W, 55W	Westerbork survey SA 53 and 55	Rd	Objects in SA 53 e 55	Ph. D. Thesis Leiden 1984 and segg.
5C	Fifth Cambridge Radio Catalogue	Rd	Miscellaneous	MNRAS 134, 189 -1966- and segg.
6C	Sixth Cambridge Radio Catalogue	Rd	Miscellaneous	Baldwin et al. 1985; Hales et al. 1988/93; ADC CD-ROM Vol. 2
7C	Seventh Cambridge Radio Catalogue	Rd	Miscellaneous	MNRAS 246, 110 -1990-; A&AS 110, 419 -1995-
87GB	1987 Green Bank Radio Sources Catalogue	Rd	Extragalactics	NRAO CD-ROM
8C	Eighth Cambridge Radio Catalogue	Rd	Miscellaneous	Hales et. Al. 1995; ADC CD-ROM Vol. 2
8ZW	Eight Zwicky List of Compact Galaxies	V	Compact galaxies	AJ 80, 545 -1975-
A	Abell clusters	V	Clusters of galaxies	ApJS 3, 211 -1958-; ApJS -1989-; ADC CD-ROM Vol. 4
A1	Asiago list 1	V	Blue objects	Pubbl. Oss. Astr. Padova 143 -1968-
A2	Asiago list 2	V	Blue objects	Astrophys. And Space Sci. 16, 324 -1972-
A3	Asiago list 3	V	Blue objects	A&AS 13, 269 -1974-
A4	Asiago list 4	V	Blue objects	A&AS 61, 163 -1985-
AB	A. Braccesi	V	Quasars	A&A 5, 264 -1970- and segg.
ABELL	Planetary Nebulae	V	Planetary Nebulae	ApJ 144, 259 -1966-
ACK	Acker	V	Planetary Nebulae	Private comm. -1975-
ACO	Abell, Corwin and Ollowin	V	Clusters of galaxies	ApJS
ADG	Altenhoff, Downes and Goad	Rd	Galactic plane objects	A&AS 1, -1970-

AFGL	Air Force Geophysical Laboratory	IR	Miscellaneous	AFGL Tech. Rep. 83, 0161 - 1983-, Ed. Price S.D. and Murdock, T.L.; ADC CD-ROM Vol. 1
AGC	Arecibo General Catalogue	Rd	Galaxies	AJ 117, 1668 -1999-
AGU (AG)	Aguero	V	Peculiar southern galaxies	PASP 83, 310 -1971-
AH	Aveni and Hunter	V	Open clusters	
AH (H)	A. Hoag	V	Quasars	IAU Symp. 119, 47 -1986-
AJG	A.J. Green	Rd	Galactic plane objects	A&AS 18, 267 -1974-
AKN	Arakelian	V	Galaxies	Soobs. Byurak.Obs. Akad. Nauk. Aum. SSR, 47, 1; AJ 86, 820 -1981-
Al	Allen	V	Planetary Nebulae	Observatory 93, 85 -1973- and segg.
ALM	A. Lemarne	Rd	Miscellaneous	MNRAS 139, 461 -1968
Alt	Alter	V	Open clusters	MNRAS 100, 387 -1940- and segg.
ALW	Azzopardi, Lequeux and Westerlund	V	Quasars	A&A 144, 388 -1985-
AM	Arp and Madore	V	Miscellaneous	ApJ 227, L103 -1979-
AMES	Ames	V	Nebulae and Galaxies	Harv. Ann. 88, 1 -1932-
AMWW	Altenhoff, Mezger, Wendker and Westerhout	Rd	Galactic plane objects	Publ. Univ. Bonn Obs. 59, 1960
An	Anonymous	V	Galaxies	RC2 -1976-
AND	van den Bergh	V	Satellite Galaxies of M 31	ApJ 171, 231 -1972-
ANT	Antalova	V	Open clusters	
AO	Arecibo Occultation	Rd	Miscellaneous	ApJ 148, 669 -1967- e segg
Ap	Apriamasvili	V	Planetary Nebulae	Astron. Zurn. 39, 256 -1962- and segg.
APM	Cambridge Automated Plate Measuring Machine Catalogue	V	Quasars	Spectrum 2, 14 -1994-
AR	Astronomer Royal	V	Nebulae and Galaxies	MNRAS 71, 509 -1910-
ARC	Abell Rich Clusters	V	Clusters of galaxies	ApJS 3, 211 -1958-
ARG	A.R. Gillespie	Rd	Miscellaneous	MNRAS 166, 11p -1974-
ARO	Algonquin Radio Observatory	Rd	Planetary Nebulae	Publ. Domin. Obs. Vol. 1, 1 - 1971-
ARP	Arp	V	Peculiar Galaxies	ApJS 14, 1 -1966-
AS	Additional Stars with h-alfa	V	Planetary Nebulae	ApJ 112, 72 -1950-
Asi	Asiago	V	Quasars	Mem. S.A.It. 53, 511 -1982-
ASI	Asiago objects	V	Blue objects	A&AS 106, 303 -1994-
ASS	Associations -Catalogue of star clusters and-	V	Star clusters	Akad. Kiado Budapest -1970-
ASV	Angonin-Willaime, Soucail and Vanderriest	V	Quasars	A&A 291, 411 -1994-
ATESP	Australia Telescope ESO Slice Project	Rd	Miscellaneous	A&AS 146, 31 -2000-
Au	Auner	V	Open clusters	

AWM	Albert, White and Morgan	V	Poor clusters of Galaxies	ApJ 211, 309 -1977-
AX	ASCA X-ray sources	V	Quasars	MNRAS 291, 203 -1997-
B	Barnard	V	Dark Nebulae	Carnegie Inst. Wash. 247 -1927-
B	Braccesi	V	Extragalactics	ApJ 152, L105 -1968-, A&AS 106, 303 -1994-
B1	Braccesi	Rd	Extragalactics	Nuovo Cimento 40, 267 -1965-
B1S	Braccesi	Rd	Extragalactics	Nuovo Cimento 40, 268 -1965-
B2.1	Second Bologna radio survey -part 1	Rd	Extragalactics	A&AS 1, 281 -1970-
B2.2	Second Bologna radio survey -part 2	Rd	Extragalactics	A&AS 7, 1 -1972-
B2.3	Second Bologna radio survey -part 3	Rd	Extragalactics	A&AS 11, 291 -1973-
B2.4	Second Bologna radio survey -part 4	Rd	Extragalactics	A&AS 18, 147 -1974-
B3	Third Bologna radio survey	Rd	Extragalactics	A&AS 59, 255 -1985-
Ba	Baade	V	Planetary Nebulae	PASP 47, 99 -1935-
BAA	Baade	V	Emission Nebulae in M 31	ApJ 139, 1027 -1964-
BAK 1-2	Baker	V	Galaxies in FOR and ERI	Harv. Ann. 88, 77 e 163 -1933/37-
Bark	Barkhatova	V	Open clusters	Astron. Zurn. 27, 181 -1950-
Basel	Basel	V	Open clusters	
BB	Bahcall and Bahcall	V	Galaxies	PASP 82, 1276 -1970-
BC	Barbieri and Capaccioli	V	Quasars	Pubbl. Oss. Astr. Padova -1974-
BCh	Balkowski and Chamaraux	V	Dwarf Galaxies	A&AS 51, 331 -1983-
BCL	Boulesteix, Courtes et al.	V	Objects in M 33	A&A 37, 33 -1974-
BD A/B	Blum and Davis Lists A and B	Rd	Extragalactics	Astrophys. Lett. 2, 41 -1968-
BDFL	Bridle, Davis, Fomalont and Lequeux	Rd	Extragalactics	AJ 77, 405 -1972- and segg.
Be	Bergvall	V	Interacting Galaxies	Upps. Astr. Obs. Rep. 19 -1981-
Be	Bernes	V	Bright Nebulae	A&AS 29, 65 -1977-
BEM	Bertola e Maffei	Rd	Galaxies	A&A 32, 117 -1974-
BEN	Bennett	Rd	Miscellaneous	MNRAS 127, -1963-
BERK	Berkeley	V	Open clusters	
BF	Braccesi Faint uv-excess objects	UV	Extragalactics	A&AS 39, 129-1980
BFG	Braccesi, Formiggini and Gandolfi	UV	Extragalactics	A&A 5, 264 -1970- and segg.
BFGS	Braccesi, Formiggini and Gioia	UV	Galaxies	PASP 84, 592 -1972-
BFL	Borngen, Friedrich and Lenk	V	Blue objects near M 31	Mitt. Karl Schw. Obs. Taut. 50, 1970-
BFS	Blitz, Fich and Stark	Rd	HII Regions	ApJS 49, 183 -1982-
BG	Bologna Galaxies	Rd	Extragalactics	A&AS 16, 43 -1974-
BG (BG KPN, BG CFH)	B. Gaston	V	Quasars	ApJ 272, 411 -1983-
BIGO	Bigourdan	V	Nebulae and Galaxies	Comptes rendus 155, 1049 -1912-

Biur	Biurakan	V	Open clusters	
BK	Biurakan	V	Dwarf Galaxies	
BK	Beard and Kerr	Rd	Galactic plane objects	Austr. J. Phys. 22, 121 -1969-
Bl	Blanco	V	Planetary Nebulae	Contr. Bosscha Obs. 13 -1961 and segg.
Blanco	Blanco	V	Open clusters	PASP 61, 183 -1949-
BIDz	Blaauw and Danziger	V	Planetary Nebulae	A&A 44, 469 -1975-
BM	B. Manchester	Rd	Galactic plane objects	Austr. J. Phys. Astrophys. Suppl. 12 -1969-
BoBn	Boeshaar and Bond	V	Planetary Nebulae	ApJ 213, 421 -1977-
Boch	Bochum	V	Open clusters	Boch. Strasb. Cat. 1977
BOL	Boller	Rd	Quasars	Astron. Nach. 310, 187 -1989-
BON	Bond	V	Variable Galaxies	ApJ 174, L163 -1972- and segg.
BOR	Borngen	V	Blue objects	Mitt. Karl Schw. Obs. Taut. 28, 1966-
BP	Bailey-Pooley Survey	Rd	Miscellaneous	MNRAS 138, 51 -1968-
BR	Blue Red	V	Quasars	ApJ 468, 121 -1996-
BRI	Blue Red and Infrared	V-IR	Quasars	ApJ 468, 121 -1996-
BRON	Bronkalla	V	Blue objects	Astr. Nach. 292, 263 -1971-
BSO	Blue Stellar Object	V	Quasars	ApJ 142, 412 -1965-
BTD	Beard, Thomas and Day	Rd	Galactic plane objects	Austr. J. Phys. Astrophys. Suppl. 11 -1969-
BTS		V	Dwarf Galaxies	
BV	Bohm-Vitense	V	Planetary Nebulae	PASP 68, 430 -1956-
BVF (BF)	Braccesi, Vigotti and Formiggini	V	Quasars	(A&AS 39, 129 -1980-)
BW	Bohuski and Weedman	V	Quasars	ApJ 231, 653 -1979-
BW	Berkhuijsen and Wielebinski	Rd	M 31 objects	A&A 34, 173 -1974-
CADIS	Calar Alto Deep Imaging Survey	V	Quasars	ApJ 523, 100 -1999- (A&A 343, 399 -1999-; Meisenheimer et al.: The Early Universe with the VLT - Springer 165, -1997-)
CAR	Carpenter	V	Galaxies in CNC	PASP 43, 247 -1931-
CB	Corona Borealis	V	Quasars	ApJS 111, 1 -1997-
CB	Clemens and Barvainis	V	Small Dark Nebulae	ApJS 68, 257 -1988-
CBS	Case Blue Stars	UV	Stars and quasars	ApJS 51, 171 -1983- and segg.
CC	Clark and Clifford	Rd	Galactic plane objects	Austr. J. Phys. 27, 713 -1974-
CED	Cederblad	V	Diffuse Nebulae	Lund Ann. Ser. 2, n. 119 -
CF	Control Field (at position 1549+48)	V	Quasars	A&A 109, 101 -1982-
CFHT	Canada France Hawaii Telescope objects	V	Extragalactics	(MNRAS 278, 95 -1996-)
CFRS	Canada-France Redshift Survey	V	Galaxies	ApJ 455, 75 -1995-
CG	Cometary Globules	V	Dark Nebulae	MNRAS 175, 19P -1976- and segg.
CG	Case Galaxies	UV	Galaxies	ApJS 51, 171 -1983- and segg.

CGCG (ZWG)	Catalogue of Galaxies and Clusters of Galaxies	V	Galaxies and Clusters	Cal. Tech. Press. -1961- and segg. Volls. 1-6; ADC CD-ROM Vol. 4
CGMW	Catalogue of Galaxies behind the Milky Way	IR	Galaxies	Kyoto University Contributions, -1991- and
CHR	Christie	V	Galaxies in LEO	PASP 43, 350 -1931-
CiPg	Caloi and Panagia	V	Planetary Nebulae	A&A 36, 139 -1974-
CJ1	First Caltech-Jodrell Bank VLBI Survey	Rd	Extragalactics	ApJS 98, 1 -1995-; AAS CD-ROM Volls. 4-5
CJ2	Second Caltech-Jodrell Bank VLBI Survey	Rd	Extragalactics	ApJS 95, 345 -1994-; AAS CD-ROM Vol. 4
CJF	Caltech-Jodrell Bank Flat spectrum sources	Rd	Extragalactics	ApJS 107, 37 -1996-
Cl	Cluster of galaxies	V	Clusters of galaxies	ApJ 263, 533 -1982- and segg.
CL	Clark Lake	Rd	Miscellaneous	AJ 80, 931 -1975-
CL	Cygnus Loop	Rd	Objects in CYG	A&A 28, 197 -1973-
CL	Cygnus Loop	V	Blue objects	
CLASS	Corsmic Lens All-Sky Survey	Rd	Extragalactics	(AJ 117, 658 -1999-)
CM	Cheriguene and Monnet	V	Objects in LMC	A&A 16, 28 -1972-
Cn	Cannon	V	Planetary Nebulae	Harv. Circ. 224 -1921- and segg.
CnMy	Cannon and Mayall	V	Planetary Nebulae	Harv. Bull. 908, 20 -1938-
CNOC	Canadian Network for Observational Cosmology	V	Clusters of galaxies	ApJS 102, 269 -1996-
CoMaC	Coyne and Mac Connell	V	Planetary Nebulae	Vatican Obs. Publ. Vol. 2, n. 6, 73 -1983-
COU	Courtes	V	Nebulae	Comptes rendus 232, 795 -1951-
CPG	Catalogue of Pair of Galaxies	V	Double Galaxies	Soob. Spetz. Astrofiz. Obs. 7, 3 -1972- and segg.
Cr	Collinder	V	Open clusters	Lund Obs. Ann. N. 2 -1931-
CR	Crowther	Rd	Extragalactics	Crowther, J.H. Ph. D. Dissertation 1966 -Cambridge
CR	Chincarini and Rood	V	Galaxies in PER	ApJ 168, 321 -1971-
CRBB	McCarthy, Rich, Becker and Butler	V	Planetary Nebulae	ApJ -1992-
CRSS	Cambridge ROSAT Serendipity Survey	Rd-X	Quasars	MNRAS 285, 511 -1997-
CS	Courtes and Sivan	V	HII Regions	Astrophys. Lett. 11, 159 -1972
CS	Clowes and Savage	V	Quasars	MNRAS 204, 365 -1983-
CSO	Case Stellar Objects	UV	Stars and quasars	ApJS 51, 171 -1983- and segg.
CSRG		V	Galaxies in clusters	(ApJS 96, 39 -1995-)
CSST	Cappellaro, Sabbadin, Salvadori and Turatto	V	Planetary Nebulae	The Mess. 64, 39 -1991-
CT	Campusano and Torres	UV	Quasars	AJ 88, 1304 -1983-
CTA	Caltech list A	Rd	Miscellaneous	PASP 72, 237 -1960-
CTB	Caltech list B	Rd	Galactic plane objects	Caltech Radio Obs. Rep. 2, 1960/63-; PASP 72, 331 -
CTCV	Calan-Tololo Cataclysmic Variables	V	Variable stars	(A&A 350, 379 -1999-)
CTD	Caltech list D	Rd	Miscellaneous	Publ. Owens Valley Radio Obs. 1, n. 2, 1 -1965-

CTIO	Cerro Tololo Interamerican Observatory	V	Planetary Nebulae	ApJS 32, 217 -1976-
CTQ	Calan-Tololo Quasar	V	Quasars	Rev. Mex. Astron. Astrofis.31, 119 -1995-
CTS	Cappellaro, Turatto and Sabbadin	V	Planetary Nebulae	Proc. IAU Symp. 131, 61 -1987-
CTS	Calan-Tololo Survey	V	Extragalactics	ApJS 69, 353 -1989-; A&AS 89, 389 -1991- and segg.
CTSS	Cappellaro, Turatto, Salvadori and Sabbadin	V	Planetary Nebulae	A&AS 86, 503 -1990-
CUDSS	Canada-UK Deep Submillimeter Survey	Rd	Galaxies	AJ 120, 2244 -2000-
CUL	Culgoora	Rd	Miscellaneous	Austr. J. Phys. Astrophys. Suppl. 27 -1973- and segg.
Cz	Czernik	V	Open clusters	Acta Astron. 16, 93 -1966-
D 000-00	Dwarf	V	Dwarf Galaxies	AJ 103, 1107 -1992-
Da	Danks	IR	Open clusters	-1982
DA	Dominion Radio Observatory Survey, List A	Rd	Miscellaneous	AJ 73, 135 -1968-
DB	Dominion Radio Observatory Survey, List B	Rd	Miscellaneous	AJ 73, 8 and 717 -1968-
DC	Dressler Cluster	V	Clusters of galaxies	ApJS 42, 565 -1980-
DCC	Day, Caswell and Cooke	Rd	Galactic plane objects	Austr. J. Phys. Astrophys. Suppl. 25, -1972-
DCL	Dickens, Currie and Lucey	V	Galaxies in CEN	MNRAS 220, 679 -1986-
Dd (Do)	Dolidze	V	Planetary Nebulae	Astron. Tsirk. 629, 6 -1971-
DDHW	Danziger, Dopita, Hawarden and Webster	V	Planetary Nebulae	ApJ 220, 458 -1978-
DDO	David Dunlap Observatory	V	Dwarf Galaxies	Publ. D.D.O. 5, 147 -1959-; AJ 71, 992 -1966-
DeHt	Dengel and Hartl	V	Planetary Nebulae	A&A 85, 356 -1980-
DEM	Davies, Elliott and Meaburn	V	H-alfa objects in LMC	MRAS 81, 89 -1976-
DF	Deep Field	Rd	Extragalactics	AJ 93, 805 -1987-
DG	Dorschner and Gurtler	Rd	Reflection Nebulae	Astr. Nach. 287, 257 -1964-
DGVW	Davis, Gelato-Volders and Westerhout	Rd	Miscellaneous	Bull. Astr. Inst. Nether. 18, 42 -1965-
DH	Daves and Hazard	Rd	Galactic plane objects	MNRAS 124, 147 -1962-
DHM	Durham sources	V	Quasars	Nat. 303, 156 -1983-
DHW	Dengel, Hartl and Weinberger	V	Planetary Nebulae	Mitt. Astron. Gesell. 45, 182 -1979- and segg.
DKM	D.K. Milne	Rd	Supernovae remnants	Austr. J. Phys. 24, -1971-
DM	Downes and Maxwell	Rd	Galactic center objects	ApJ 146, -1966-
DMS	Deep Multicolor Survey	UB VRI	Miscellaneous	(ApJ 462, 614 -1996-); ApJS 104, 185 -1996-
DN	Duus and Newall	V	Groups of Galaxies	ApJS 35, 209 -1977-

Do	Dolidze	V	Open clusters	Astron. Miches. Cirk. 224, 18 -1961-
DoDz (DdDm)	Dolidze and Dzhimshelisvili	V	Open clusters and Planetary Nebulae	Astron. Miches. Cirk. 385, 7 -1966-
DR	Downes and Rinehart	Rd	Objects in CYG	ApJ 144, 937 -1966-
DRAO	Dominion Radio Astronomical Observatory	Rd	Miscellaneous	MNRAS 274, 324 -1995-
DS	Deep Survey (Einstein Observatory)	X	Quasars	ApJ 374, 440 -1991-
DS 1	D. Kilkenny and Spencer	V	Planetary Nebulae	Observatory 108, 1084 -1988-
DS 2	Drilling J.S.	V	Planetary Nebulae	ApJ 270, L13 -1983-
DSS	Digitized Sky Survey	V	Galaxies	1992, Digitized Optical Sky Survey - Kluwer
DTG	Day, Thomas and Goss	Rd	Galactic plane objects	Austr. J. Phys. Astrophys. Suppl. 11 -1969-
DUN	Duncan	V	Nebulae	ApJ 57, 137 -1923-
DuRe	Duerbeck and Reipurth	V	Planetary Nebulae	A&A 231, L11 -1990-
DV.55	de Vaucouleurs	V	Emission Nebulae near South Pole	Observatory 75, 129 -1955-
DV.56	de Vaucouleurs	V	Bright southern Galaxies	Mem. Of the Commonwealth Obs. Vol. 3, n. 3 -1956-
DVDV	de Vaucouleurs and de Vaucouleurs	V	Bright southern Galaxies	MNRAS 68, 69 -1961- and segg.
DW	Dwingeloo-Green Bank	Rd	Miscellaneous	Bull. Astr. Inst. Netherl. 19, 201 -1967-
DWB	Dickel, Wendker and Bieritz	V	HII Regions in CYG-X	A&A 1, 270 -1969-
DWC	Day, Warne and Cooke	Rd	Galactic plane objects	Austr. J. Phys. Suppl. 13, -1970-
E	Einstein	X	Miscellaneous	ApJ 234, L1 -1979-
EGB	Ellis, Grayson and Bond	V	Planetary Nebulae	PASP 96, 283 -1984-
ELAIS (Na, Nb, S)		Rd	Miscellaneous	MNRAS 302, 222 -1999-; MNRAS 305, 297 -1999-
EM (Em)	Emission	V	Emission line objects in SA 158	PASP 73, 264 -1961-
EMSS (MS)	Extended Medium Sensitivity Survey	X	Miscellaneous	ApJS 72, 567 -1990-; Stocke et al. 1991, Astrophys. Lett. & Comm. 29, 267 -1994-; ADC CD-ROM Vol. 2
EQS	Edinburgh Quasar Survey	V	Quasars	(ApJ 511, 612 -1999-)
ESO	ESO-UPPSALA Survey of the ESO Atlas	V	Miscellaneous	A&AS 18, 463 -1974-; A&AS 31, 15 -1978- and segg.; ADC CD-ROM Vol. 3
EUVE	Extreme UltraViolet Explorer	X	Miscellaneous	AJ 107, 751 -1993-; AAS CD-ROM Volls. 2-3
EXMS	EXOSAT Medium energy Slew survey	X	Miscellaneous	A&AS 134, 287 -1999-
EXO (EX)	Exosat	X	Miscellaneous	(ApJ 378, 77 -1991-)
F	Faint source	UB V	Quasars	ApJS 76, 23 -1991- and segg.
F 000-00	Faint	V	Faint Galaxies	AJ 103, 1107 -1992-
F855, 61, 64	Faint quasar	UB V	Quasars	MNRAS 251, 482 -1991-
FAIR (FAI)	Fairall	V	Galaxies	Mon. Not. Astr. Soc. S. Afr. 27, 67 -1968- and segg.

FAQS	FIRST-APM Quasar Survey		Quasars	Chavushyan et al.: astro-ph/9911284 -2000-
FATH	Fath	V	Nebulae and Galaxies	AJ 28, 75 -1914-
FBQS	FIRST Bright Quasar Survey	Rd	Quasars	AJ 112, 407 -1997-
FBS	First Byurakan Survey	V	Extragalactics	ADC CD-ROM Vol. 4
FCC	Fornax Cluster Catalogue	V	Galaxies in FOR	AJ 98, 367 -1989-
Fein	Feinstein	V	Open clusters	PASP 78, 301 -1966- and segg.
FG	Faint Galaxy	V	Dwarf Galaxies	
Fg	Fleming	V	Planetary Nebulae	Harv. Circ. 158 -1910- and segg.
FIRST	Faint Images of the Radio Sky at Twenty	Rd	Miscellaneous	ApJ 450, 559 -1995-; ApJ 475, 479 -1997-
FIT.G	Fitzgerald	V	Galaxies in PUP	A&A 31, 467 -1974-
FJ	Finlay and Jones	Rd	Miscellaneous	Austr. J. Phys. 26, 389 -1973-
Fro	Frolov	V	Open clusters	Izv. Glav. Astron. Obs, Pulkovo 195 -1977-
FRO	Fleurs Radio Observatory	Rd	Miscellaneous	Austr. J. Phys. 26, 389 -1973-
FS	Faint Source	V	Dwarf Galaxies	
FV	Freeman and de Vaucouleurs	V	Ring Galaxies	ApJ 194, 569 -1974-
G1	Gyulbudaghian	V	Candidate Herbig-Haro objects	Sov. Astron. Lett. 8, 123 -1982-
G2	Gyulbudaghian	V	Candidate Herbig-Haro objects	Astrofizika 20, 631 -1984-
GB	Green Bank	Rd	Extragalactics	Acta Astron. 22, 227 -1972-
GB2	Green Bank Second Survey	Rd	Extragalactics	Acta Astron. 28, 367 -1978-
GB6	Green Bank Sixth Survey	Rd	Extragalactics	AAS CD-ROM Vol. 6; ADC CD-ROM Vol. 4
GC	NRAO 5 GHz Radio Survey (Green Bank list C)	Rd	Extragalactics	AJ 76, 980 -1971- and segg.
GCL	Globular Cluster	V	Star clusters	Akad. Kiado Budapest -1970-
GD	Goss and Day	Rd	Galactic plane objects	Austr. J. Phys. Astrophys. Suppl. 13, -1970-
GEA	Georgelin	V	Planetary Nebulae	A&AS 6, 349 -1970- and
GF	Globular Filament	V-IR	Filamentary Dark Nebulae	ApJS 41, 87 -1979-
GGD	Gyulbudaghian, Gluskov and Denisyuk	V	Herbig-Haro objects	ApJ 224, L137 -1978-
GJJC	Gillett, Jacoby, Joyce and Cohen	V	Planetary Nebulae	ApJ 338, 862 -1989-
GLMP	Garcia-Lario, Manchado, Pych and Pottasch	V	Planetary Nebulae	A&A -1996-
GM	Gasparian	V	Planetary Nebulae	Astrofizika 28, 679 -1988-
GM	Gyulbudaghian and Magakyan	V	Nebulae cometarie	Sov. Astron. Lett. 3, 58 -1977-
GM	Gardner and Morimoto	Rd	HII Regions australi	Austr. J. Phys. 21, 881 -1968-
GMP	Godwin, Metcalfe and Peach	V	Galaxies in Coma cluster	MNRAS 202, 113 -1983-
GN	G. Nicolson	Rd	Galactic plane objects	PASP 77, 260 -1965-

GN (NeVeGN)	Galactic Nebulae	V	Nebulae	Neckel and Vehrenberg, Treugesell Verlag 1985
Gr	Graff	V	Open clusters	
GR	G. Reaves	V	Dwarf Galaxies in VIR	AJ 61, 69 -1956-
Gra	Graham	V	Open clusters	AJ 75, 703 -1970-
Grasd	Grasdalen	V	Open clusters	A&A 43, 259 -1975-
GS	Goss and Shaver	Rd	Galactic plane objects	Austr. J. Phys. Astrophys. Suppl. 14, 1 -1970-
Gum	Gum	V	Planetary Nebulae	ApJ 338, 155 -1955-
GV	Grueff and Vigotti	Rd	Miscellaneous	Astrophys. Lett. 2, 113 -1968-
H	Haro	V	Planetary Nebulae	PASP 63, 144 -1951- and segg.
H	Herschel	V	Globular clusters	
H	Hoglund	Rd	Miscellaneous	ApJS 15, 61 -1967-
H	A-2 Hard x-ray, A-2 Piccinotti sample, A-2 soft x-ray, A-4 catalogue	X	Miscellaneous	ApJS 40, 657 -1979-, ApJ 253, 485 -1982-, ApJS 51, 1 - 1983-, ApJS 54, 581 -1984-, ApJS 72, 471
H80	Hintzen 1980	V	Galaxies in clusters	AJ 85, 626 -1980-
Ha	Harvard	V	Open clusters	
HA	H. Arp	Rd	Extragalactics	ApJ 174, L 111 -1972-
Haffner	Haffner	V	Open clusters	Astrophysik 43, 89 -1957-
Haro	Haro	V	Objects peculiari in ORI	ApJ 117, 73 -1953-
HARO	Haro	V	Emission line Galaxies	Bol. Obs. Ton. Y Tacub. Vol. 2, n. 14, 8 -1956-
HaTr (HtTr)	Hartl and Tritton	V	Planetary Nebulae	A&A 145, 41 -1985-
HAW	Harrington and Wilson	V	Galaxies in LEO	PASP 62, 118 -1950-
HAWAI	Hawaii survey		Quasars	ApJ 432, L83 -1994-
HaWe	Hartl and Weinberger	V	Planetary Nebulae	A&AS 69, 519 -1987-
Hb	Hubble	V	Planetary Nebulae	PASP 33, 174 -1921-
HB	Hazard and Brown	Rd	Miscellaneous	MNRAS 13, 123 -19 -
HBDS	Heber and Drilling	V	Planetary Nebulae	Mitt. Astron. Gesell. 62, 252 - 1984-
HBMR	Higgs, Broten, Medd and Raghavarao	Rd	Objects in CYG	MNRAS ,367, -1964-
HC	Holden and Caswell	Rd	Galactic plane objects	MNRAS 143, 407 -1969-
HDW (HtDe)	Hartl, Dengel and Weinberger	V	Planetary Nebulae	Mitt. Astron. Gesell. 60, 325 - 1983-
HE	Hamburg / ESO survey for bright quasars		Quasars	A&AS 115, 235 -1996-
HeFa (HEFE)	Henize and Fairall	V	Planetary Nebulae	IAU Symp. 103, 544 -1983-
HELW	Helwan	V	Nebulae e Galaxies	Helwan Obs.9, 69 -1909- and segg.
Hen (He3)	Henize	V	Planetary Nebulae	PASP 73, 159 -1961- and segg.
Hf	Hoffleit	V	Planetary Nebulae	Harv. Ann. 119, 37 -1953-
HFG	Heckathorn, Fesen and Gull	V	Planetary Nebulae	A&A 114, 414 -1982-
HGT	Hoessel, Gunn and Thuan	V	Clusters of galaxies	ApJ 241, 486 -1980-
HH	Herbig and Haro	V	Herbig-Haro objects	Lick Obs. Bull. 658 -1974-; Gen. Cat. Reipurth 1994

HHL	Herbig Haro Like	V	Herbig-Haro like objects	Rev. Mex. A.A. 15, 53 -1987-
HICK	Hickson	V	Compact groups of Galaxies	ApJ 255, 382 -1982-
HIG	Higgs	Rd	Objects in CYG	MNRAS 132, 67 -1966-
HIZSS	HI Zoa (Zone of avoidance) Southern Survey	Rd	Galaxies in Southern ZOA	AJ 119, 2686 -2000-
HKV	Hrivanak, Kwok and Volk	V	Planetary Nebulae	ApJ 331, 832 -1988-
HM	Havlen and Moffat	V	Open clusters	
HM	Hoskins and Murdock	Rd	Miscellaneous	Austr. J. Phys. Astrophys. Suppl. 15, -1970-
HMS	Humason, Mayall and Sandage	V	Galaxies and clusters	AJ 61, 97 -1956-
HN	Harvard Nebula	V	Nebulae and Galaxies	Harv. Ann. 60, 147 -1908- and segg.
HO	Holmberg	V	Galaxies	Lund Ann. Ser. 2, Vol. 6, n. 5 -1950-
HOAG	Hoag	V	Quasars	PASP 88, 860 -1976-
HOD.60-61	Hodge	V	Dwarf Southern Galaxies	PASP 71, 28 -1959- and segg.
HOD.72	Hodge	V	Dark Nebulae in LMC	PASP 84, 365 -1972-
HODG	Hodge	V	Globular clusters in LMC	ApJ 131, 351 -1960-
HOFF	Hoffleit	V	Nebulae and OB Associations in CAR	Harv. Ann. 119, 37 -1953-
Hogg	Hogg	V	Open clusters	Hand. Der Phys. LIII, 129 -1959-
HOLM	Holmberg	V	Multiple Galaxies	Lund Ann. 6 -1937-
HOW	Hodge and Wright	V	Star clusters in SMC	AJ 79, 858 -1974-
HP	Haute Provence	V	Globular clusters	
HPW	Hodge, Pyper and Webb	V	Dwarf Galaxies in FOR	AJ 70, 559 -1965-
HQS	Hamburg Quasar Survey	V	Quasars	A&AS 111, 195 -1995- and segg.
HR	Hu and Ridgway	V	Reddened Galaxies	AJ 107, 1303 -1994-
HR	Hughes and Ruutledge	Rd	Galactic plane objects	AJ 74, 604 -1969-
HRC	Hamburg RASS Catalogue	XV	Miscellaneous	A&AS 127, 145 -1998-
HRG			Galaxies	
HS	Hambourg Survey	V	Extragalactics	A&AS 111, 195 -1995- and segg.
HSE	Hodge and Sexton	V	Star clusters in LMC	AJ 71, 363 -1966-
HSN	Hodge and Snow	V	Bright southern Galaxies	AJ 80, 9 -1975-
HSS	Hamburg-SAO Survey	V	Emission Line Galaxies	A&AS 135, 511 -1999-
HST	Hubble Space Telescope	V	Quasars	(A&A 307, L53 -1996-; ApJ 453, L5 -1995-)

HSVMT	Heithausen, Stacy, de Vries, Mebold and Thaddeus	Rd	Molecular Clouds	A&A 268, 265 -1993-
Hu	Humason	V	Planetary Nebulae	PASP 33, 175 -1921- and segg.
HUB	Hubble	V	Diffuse Nebulae	ApJ 56, 162 -1922-
HuBi	Hu and Bibo	V	Planetary Nebulae	A&A 234, 435 -1990-
HuDo	Hu and Dong	V	Planetary Nebulae	Sci. Bull. Acad. Sin. 1992-
HuLo	Hua and Louise	V	Planetary Nebulae	A&A 235, 403 -1990-
HVC	High Velocity Cloud	Rd	High Velocity Molecular Clouds	C.R. Acad. Sci. Paris 257, 1661 -1963-
HZ	Humason and Zwicky	V	Stars and Blue objects	ApJ 105, 85 -1947-
I ZW - VII ZW	Seven Zwicky lists	V	Compact galaxies	Zwicky, F. -1971, Catalogue of selected compact galaxies and of post-eruptive galaxies - Offsetdruck L. Speich Zuerich
IC	Index Catalogue	V	Miscellaneous	Dreyer 1895-1908- RAS
IK	Israel and van der Kruit	Rd	HII Regions in M 33	A&A 32, 363 -1974-
IRAS	Infra Red Astronomical Satellite	IR	Miscellaneous	Beichman et al. 1985 -US Gov. Print. Off.; ADC CD-ROM Vol. 4; AAS CD-ROM
IRAS F	Infra Red Astronomical Satellite Faint source	IR	Extragalactics	IRAS FSC Cat. 1990; ADC CD-ROM Volls. 1-3-4
IRC	Infra Red C	IR	Miscellaneous	(Schmitz et al. 1987); ADC CD-ROM Vol. 3
Isk	Iskudarian	V	Open clusters	Astron. Miches. Cirk. 221, 6 -1961-
ISS	Isserstedt	V	Miscellaneous	Ver. Astr. Inst. Ruhr 1, 1 -1968- and segg.
IsWe	Ishida and Weinberger	V	Planetary Nebulae	A&A 178, 227 -1987-
IW3_0000_0000	Field (CCD) _ x (pixels) _ y (pixels)	V	Quasars	ApJ 489, 543 -1997-
J	Jonckheere	V	Planetary Nebulae	Observatory 39, 134 -1916-
JaFu	Jacoby and Fullton	V	Planetary Nebulae	AJ -1997-
JaSt	Jacoby and van de Steene	V	Planetary Nebulae	-1997
JF	Jones and Finlay	Rd	Galactic plane objects	Austr. J. Phys. 27, 687 -1974-
JL	Jaindee and Lynga	V	Quasars	Ark. Astron. 5, 345 -1969-
Jn	Jones (Jonckheere ?)	V	Planetary Nebulae	ApJ 109, 537 -1949- and
JnEr		V	Planetary Nebulae	PASP 89, 261 -1977-
JoDi	Jones and Dickel	V	Planetary Nebulae	BAAS 16, n. 4 -1984-
JVAS	Jodrell Bank-VLA Astrometric Survey	Rd	Extragalactics	MNRAS 254, 655 -1992-
JWST	James Webb Space Telescope			
K		V	Galaxies Groups	White 1980
K 1, 2, 3, 4	Kohoutek	V	Planetary Nebulae	Bull. Astron. Czech. 13, 120 -1962- and segg.
KAR	Karachentseva	V	Isolated Dwarf Galaxies	Soob. Spec. Astrophys. Obs. 5, 10 -1973- and segg.
KARA.68	Karachentsev	V	Dwarf Galaxies	Publ. Byurakan Obs. 39, 61 -1968-
KARA.72	Karachentsev	V	Double Galaxies	Astrofizika 7, 3 -1972-

KARA.73	Karachentsev	V	Dwarf Galaxies	Astrofizika 5, 10 -1973-
KARA.73B	Karachentsev	V	Isolated Galaxies	Astrofizika 8, 3 -1973-
KAZ	Kazarjan	V	Extragalactics	Astrofizika 15, 5 -1979- and segg.
KAZ (Kj)	Kazarjan	V	Planetary Nebulae	Astrofizika 2, 371 -1966- and segg.
KC	Kron and Chiu	V	Quasars	PASP 93, 397 -1981-
Ke	Kerber	V	Planetary Nebulae	Priv. Comm. 1996
KEEL	Keeler	V	Nebulae, Galaxies and Clusters	ApJ 11, 325 -1900-
KEEN	Keenan	V	Galaxies	ApJ 83, 62 -1935-
KES	Kesteven	Rd	Galactic plane objects	Austr. J. Phys. 21, 369 -1968-
KFL	Kinman, Feast and Lasker	V	Planetary Nebulae	AJ 95, 804 -1988-
KHAV	Khavtassi	V	Dark Nebulae	Buyl. Abast. Astrofiz. Obs. 18, 29 -1955-
KHW	Kap-Herr and Wendker	Rd	Miscellaneous	A&A 20, 313 -1972-
KING	King	V	Open clusters	Harv. Obs. Bull. 919, 41 -1949- and segg.
KjPn	Kazarjan and Parsamian	V	Planetary Nebulae	Astron. Tsirk. 602, 6 -1971-
KK	Karachentseva and Karachentsev	V	Local dwarf galaxies	A&AS 127, 409 -1998-
KK	Koo and Kron	UB V	Quasars	A&A 105, 107 -1982-
KKC	Koo, Kron and Cudworth	UB V	Quasars	PASP 98, 285 -1986-
KKR	Karachentseva, Karachentsev and Richter	V	Dwarf Galaxies	A&AS 135, 221 -1999-
KKS	Kaftan-Kassim and Sulentic	Rd	Extragalactics near Stephan quintet	A&A 33, 343 -1974-
KLEM	Klemola	V	Groups and Clusters of Southern Galaxies	AJ 74, 804 -1969-
KLNS	Kuzmin, Levchenko, Noskova and Salomonovich	Rd	Miscellaneous	Sov. Astr. Vol. 4, n. 6 -1961-
KLW	Kerber, Lercher and Weinberger	V	Planetary Nebulae	A&A -1996-
KN	Konigstuhl Nebel	V	Galactic Nebulae	Ver. Stern. Zu Heidelb. 6, 1 -1909- and segg.
KO	Kazarjan and Oganessian	V	Planetary Nebulae	Astron. Tsirk. 753, 3 -1973-
Ko	Kohoutek	V	Galaxies	A&A 13, 493 -1971-
KOM	Komesaroff	Rd	Galactic plane objects	Austr. J. Phys. 19, 75 -1965-
KoRe	Koester and Reimers	V	Planetary Nebulae	A&A 223, 326 -1989-
KP	Kitt Peak	V	Quasars	ApJ 221, 468 -1978-
KPD 1/2	Kellerman, Pauliny-Toth and Davis	Rd	Miscellaneous	Astrophys. Lett. 2, 105 -1968-
Kr	Krasnogorskaja	V	Planetary Nebulae	A.C. 230, 11 -1962-
KUG	Kiso Ultraviolet Galaxies	UV	Galaxies	Ann. Tokyo Astr. Obs. 19, 595 -1984-; ADC CD-ROM
KUV	Kiso Ultraviolet objects	UV	Stars and Quasars	Ann. Tokyo Astr. Obs. 20, 130 -1984-

KW	Kerber and Weinberger	V	Planetary Nebulae	Ann. Isr. Phys. Soc. 11, 193 -1994-
KW	Khachikian and Weedman	V	Seyfert Galaxies	ApJ 192, 581 -1974-
Lac	Lacaille	V	Globular clusters	
LAH	L.A. Higgs	Rd	Objects in CYG	MNRAS 132, 67 -1966-
LASS	HEAO Large Area Sky Survey	X	Miscellaneous	ApJS 56, 507 -1986-
Lat	Latysev	V	Open clusters	
LB	Luyten faint Blue stars	V	Stars and Quasars	The Observatory, Univ.Minn. Papers 1-50 -1962/1967-
LBDS	Leiden Berkeley Deep Survey	Rd	Miscellaneous	A&AS 58, 1 -1984-
LBN	Lynds Bright Nebula	V	Bright Nebulae	ApJS 7, 163 -1965-; ADC CD-ROM Vol. 4
LBQS	Large Bright Quasars Survey	V	Quasars	AJ 109, 1498 -1995-; ADC CD-ROM Vol. 4
LDN	Lynds Dark Nebula	V	Dark Nebulae	ApJS 7, 1 -1962-; ADC CD-ROM Vol. 3
LH	Lucke and Hodge	V	Star Associations in LMC	AJ 75, 171 -1970-
LH 115-120	Line H-alfa	V	Stars and Nebulae in LMC and SMC	ApJS 2, 315 -1956- and segg.
LHE	Long, Hasler and Elsmore	Rd	Miscellaneous	MNRAS 125, 313 -1963-
LIN	Lindsay	V	Stars and Planetary Nebulae in SMC	AJ 66, 169 -1961-
LMA	Lequeux, Meyssonier and Azzopardi		Quasars	A&AS 67, 169 -1987-
LMH	Large, Mathewson and Haslam	Rd	Galactic plane objects	MNRAS 123, 113 -1961-
Lo	Longmore	V	Galaxies and Planetary Nebulae	MNRAS 178, 251 -1977-
Loden	Loden	V	Open clusters	Arkiv. Astron. 4, 65 -1966-
LoTr	Longmore and Tritton	V	Planetary Nebulae	MNRAS 193, 521 -1980-
LSA	Lundstrom, Stenholm and Acker	V	Planetary Nebulae	A&A 196, 233 -1988-
LT	Lynds and Toomre	V	Ring Galaxies	ApJ 209, 382 -1976-; ApJ 211, 684 -1977-, PASP 89,113 -1977-
LTNF	Liebert, Tweedy, Napiwotzki and Fulbright	V	Planetary Nebulae	ApJ 441, 424 -1995-
Lu	Lu	V	Peculiar Galaxies	AJ 76, 775 -1971-
LuSt	Lundstrom and Stenholm	V	Planetary Nebulae	A&A 138, 311 -1984-
LW	Lynga and Westerlund	V	Star clusters in LMC	MNRAS 127, 31 -1963-
Lyn	Lynga	V	Open clusters	Lund Obs. 1981-83
M	Messier	V	Miscellaneous	Mem. Acad. Royale des Sciences de Paris, 435 -1771-
M42 HH	Candidate HH Objects in M 42	V	Candidate HH Objects	IAU Publ. 115, 341 -1987-
M87 A-E	Candidate HH Objects	V	Candidate HH Objects	ApJ 111, L93 -1974-
Ma	Maehara	V	Planetary Nebulae	Contr. Bosscha Obs. 71, 1 -1982-

MA	Michigan sradio survey A	Rd	Miscellaneous	AJ 79, 903 -1974-
MaC	Mac Connell	V	Planetary Nebulae	ApJS 33, 219 -1978- and segg.
MaCCo	Mac Connell and Coyne	V	Planetary Nebulae	Vatican Obs. Pubbl. Vol. 2, n. 5, 63 -1983-
MAFFEI	Maffei	IR	Extragalactics	PASP 80, 618 -1968-
MAI	Mailyan	V	Spheroidal Dwarf Galaxies	Astrofizika 9, 63 -1973-
May	Mayer	V	Open clusters	
MB	M. Beard	Rd	Miscellaneous	Austr. J. Phys. 19, 141 -1966-
MBG	Montreal Blue Galaxies	V	Blue Galaxies	AJ 105, 35 -1993- and segg.; AAS CD-ROM Volls. 1-3
MBM	Magnani, Blitz and Mundy	Rd	Molecular Clouds	ApJ 295, 402 -1985-
MC	Malin and Carter	V	Elliptical Galaxies	ApJ 274, 534 -1980-
MC	Mc Gee	Rd	Objects in LMC	Austr. J. Phys. 25, 581 -1972-
MC 1	First Molonglo Reference Catalogue	Rd	Miscellaneous	Austr. J. Phys. Astrophys. Suppl. 28 -1973-
MC 2	Second Molonglo Reference Catalogue	Rd	Miscellaneous	Austr. J. Phys. Ap. Suppl. 33, 1 -1974-
MC 3	Third Molonglo Reference Catalogue	Rd	Miscellaneous	Austr. J. Phys. Ap. Suppl. 33, 1 -1974-
MC o MRC	Molonglo Reference Catalogue	Rd	Miscellaneous	MNRAS 194, 693 -1981-
MCG	Morphological Catalogue of Galaxies	V	Galaxies	Moscow State Univ. 1962 and segg. Parts I-V; ADC CD-ROM Vol. 3
MCT	Montreal-Cambridge-Tololo survey	V	Faint blue objects	AJ 119, 241 -2000-
MD 1-6	M. Drinkwater	V	Quasars	Thesis Univ. Cambridge -
Me	Merrill	V	Planetary Nebulae	PASP 53, 245 -1941- and segg.
MEL	Melotte	V	Open clusters	MNRAS 86, 636 -1926-
MeWe	Melmer and Weinberger	V	Planetary Nebulae	MNRAS 243, 236 -1990-
MG	Manchester and Goss	Rd	Extragalactics	Austr. J. Phys. Astrophys. Suppl. 11 -1969-
MG	MIT Green Bank	Rd	Extragalactics	ApJS 51, 67 -1983-, 61, 1 -1986- and segg.
MG B/C	MIT Green Bank List B/C	Rd	Quasars	ApJ 494, 467 -1998-
MGP	Manchado, Garcia-Lario and Pottasch	V	Planetary Nebulae	A&A 218, 267 -1989-
MH	Mezger and Henderson	Rd	HII Regions	ApJ 147, n. 2 -1967-
MIL	Milne	Rd	Non thermal Galactic Sources	Austr. J. Phys. 23, 425 -1970-
MILN	Milne	Rd	Supernovae remnants	Austr. J. Phys. 24 -1971-
MIN 46-48	Minkowski	V	Emission Nebulae	PASP 58, 305 -1946- and segg.
MKN (Mark)	Markarian	UV	Extragalactics	Astrofizika 3, 55 -1967- and segg.
MKW	Morgan, Kayser and White	V	Poor Clusters of galaxies	ApJ 199, 545 -1975-
MM	M. Moran	Rd	Galactic plane objects	MNRAS 129, 447 -1965-
Mof	Moffat	V	Open clusters	A&AS 7, 355 -1972- and

MOHR	Mohr	V	Star clusters in SMC	Harv. Bull. 899, 15 -1935-
MOL (MLO)	Molonglo	Rd	Miscellaneous	Austr. J. Phys. Suppl. 15, 1 -1970- and segg.
MR	Moreau and Reboul	V	Quasars	A&AS 111, 169 -1995-; ApJ 263, 23 -1982-
MRC	Molonglo Reference Catalogue	Rd	Miscellaneous	MNRAS 194, 693 -1981- and segg.; ADC CD-ROM Vol. 2
Mrk	Markarian	V	Open clusters	Bjur. Soob. 9, 6 -1951-
MRMG (LMRM)	Manchado, Riera, Mampaso and Garcia-Lario	V	Planetary Nebulae	Rev. Mex. Astron. Astrophys. 18, 182 -1989-
MRSL	Marsalkova	V	HII Regions	Astrophys. And Space Sci. 27, 3 -1974-
MS	Medium Survey	X	Miscellaneous	ApJS 76, 813 -1991-, ADC CD-ROM Vol. 2
MSH	Mills, Slee and Hill	Rd	Miscellaneous	Austr. J. Phys. 11, 360 -1958- and segg.
MUL	Muller	Rd	Objects in CYG, ORI and SGR	Pub. Univ. Bonn n. 52 -1959-
Muz	Muzzio	V	Open clusters	AJ 84, 639 -1979-
MW	M. Wilson	Rd	Miscellaneous	MNRAS 156, 7 -1972- and segg.
MWC	Mount Wilson Catalogue	V	Galactic Objects	ApJ 78, 87 -1933- and segg.
MWP	Motch, Werner and Pakull	V	Planetary Nebulae	A&A 268, 561 -1993-
My	Mayall	V	Planetary Nebulae	Harv. Bull. 920, 32 -1951-
MY	Miyun	Rd	Extragalactics	A&AS 99, 545 -1993-
MYC			Quasars	
MyCn	Mayall and Cannon	V	Planetary Nebulae	Harv. Bull. 913, 7 -1940-
Mz	Menzel	V	Planetary Nebulae	Harv. Bull. 777 -1922-
MZZ	Marano, Zamorano and Zitelli	V	Quasars	MNRAS 232, 111 -1988-
N... (S...)		V	Galaxies Groups	White et al. 1996
Na	Nassau	V	Planetary Nebulae	ApJ 139, 864 -1964-
NAB	Neta A. Bahcall	V	Quasars	ApJ 183, 777 -1973-
Nap	Napiwotzki	V	Planetary Nebulae	Acta Astron. 43, 415 -1993-
NB	N. Branson	Rd	Miscellaneous	MNRAS 135, 149 -1967-
NEP	North Ecliptic Pole		Quasars	ApJS 93, 145 -1994-
NGC (RNGC)	New General Catalogue (Revised NGC)	V	Miscellaneous	Dreyer -1888, RAS; Sulentic and Tifft, 1973; ADC CD-ROM Vol. 4
Nk	Nakajima	IR	Objects in L 1641	MNRAS 221, 483 -1986-
NK	N. Kawajiri	Rd	Galactic plane objects	PASJ 22, 165 -1970-
NOTNI	P. Notni	V	Blue objects	Astron. Nachr. 301, 51 -1980- and segg.
NPM (NPM1G)	Lick Northern Proper Motion Program	V	Galaxies and Quasars	AJ 94, 501 -1987-
NRAO	National Radio Astronomy Observatory	Rd	Miscellaneous	ApJS 13, 65 -1966-
Ns	Nordstrom	V	Planetary Nebulae	A&AS 21, 193 -1975-
NS	Neckel and Staude	V	Bipolar and Cometary Nebulae	A&A 131, 200 -1984-
NSER			Quasars	(ApJ 433, 494 -1994-)
NVSS	NRAO VLA Sky Survey	Rd	Extragalactics	AJ 115, 1693 -1998-

OA-OZ	Ohio Radio Sources from OA to OZ	Rd	Extragalactics	Nature 202, 269 -1964-, AJ 72, 536 -1967- and segg.
OCL	Open Cluster	V	Star clusters	Akad. Kiado Budapest -1970-
OHSC	Olszewski, Harris, Schommer and Canterna	V	Star clusters in LMC	
OMHR	O. Moreau and H. Reboul	UV	Extragalactics	A&AS 111, 169 -1995-
OP	Optical Polarization survey	V	Quasars	ApJ 404, 100 -1993-
OTL	Ooty Telescope List	Rd	Miscellaneous	Astrophys. Lett. 9, 53 -1971-, Nat. Phys. Sci. 230, 185 -1981- and segg.
Pa	Parthasarathy	V	Planetary Nebulae	ApJ 414, L109 -1993-
PaJy	Parthasarathy and Jyotsna	V	Planetary Nebulae	Priv. Comm. 1996
PAL	Palomar	V	Globular Clusters	
Pars	Parsamyan	V	Nebular Objects	Izv. Akad. Nauk Armenian SSR 18, 146 -1965-
PB	Peimbert and Batiz	V	Planetary Nebulae	Bol. Obs. Tonantz. 2, n. 19, 12 -1960-
PB	Palomar-Berger	V	Extragalactics	A&AS 28, 123 -1977- and segg.
PBOZ	Pottasch, Bignell, Olling and Zijlstra	V	Planetary Nebulae	A&A 205, 248 -1988-
PBZ	Pottasch, Bignell and Zijlstra	V	Planetary Nebulae	A&A 177, 249 -1987-
PC	Peimbert and Costero	V	Planetary Nebulae	Bol. Obs. Tonantz. 3, n. 21, 33 -1961-
PC	Palomar CCD	V	Extragalactics	ApJ 306, 411 -1986- and
PD	Pike and Drake	Rd	Objects in CYG	ApJ 139, 545 -1964-
PDCS	Palomar Distant Cluster Survey	V-I	Clusters of galaxies	AJ 111, 615 -1996-
PDF	Palomar Deep Field	Rd	Miscellaneous	MNRAS 296, 839 -1998-
PDJ	Parthasarathy, Drilling and Jyotsna	V	Planetary Nebulae	-1996-
PDS	Pico dos Dias Survey	V	Extragalactics	(Faisse S. PhD Thesis, Paris -1998- ApJS 119, 239 -1998)
Pe	Perek	V	Planetary Nebulae	Bull. Astron. Czech. 11, 256 -1960- and segg.
PG	Palomar Green	V	Miscellaneous	PASP 88, 665 -1976- and segg.
PGC	Principal Galaxies Catalogue	V	Galaxies	A&AS 80, 299 -1989- and segg.
PGH	Postman, Geller and Huchra	V	Galaxies in clusters	AJ 95, 267 -1988-
PGK (Fegu)		V	Planetary Nebulae	PASP 95, 614 -1983-
PHG	Postman, Huchra and Geller	V	Galaxies in clusters	AJ 92, 1238 -1986-
PhJa	Phelps and Janes	V	Planetary Nebulae	PASP 103, 491 -1991-
PHL	Palomar Haro Luyten objects	V	Miscellaneous	Bol. Obs. Ton. Y Tacub. 3-22, 37 -1962-, ApJ 150, 707 -
PIS	Pismis	V	Open clusters	Bol. Ton. Y Tacub. 18, 37 -1959-, Vol. 5, n. 34, 219 -1970- and segg.
PK	Perek and Kohoutek	V-R	Planetary Nebulae	Acad. Publ. House of the Czech. Acad. Sci., Prague 1967 and segg.

PKS	Parkes Survey	Rd	Miscellaneous	Austr. J. Phys. 17, 340 -1964- and segg.; ADC CD-ROM Vol. 2
PM	Preite-Martinez	V	Planetary Nebulae	A&AS 76, 317 -1988-
PMN	Parkes-MIT-NRAO	Rd	Miscellaneous	ApJS 90, 179 -1994- and segg.; ADC CD-ROM Vol. 4; AAS CD-ROM Volls. 2-4-6
PNG	Planetary Nebulae Galactic	V	Planetary Nebulae	Strasb.-ESO Catalogue -1992- and segg.; ADC CD-ROM Vol. 4
Po	Pottasch	V	Planetary Nebulae	Priv. Comm. 1996
POX	Palomar Optical X source	V	Emission line Objects	A&AS 44, 229 -1981-
PP	Parsamyan and Petrosyan	V	Planetary Nebulae	Armenian S.S.R. Acad. Sci. LI, 1 -1979-
PP	Petrosyan and Petrosyan	V	Nebular Objects	Soob. Byur. Obs. 58, 36 -
PP	Peckman and Palmer	Rd	Objects in TAU, CYG and CAS	Nat. Phys. Sci. 240, 76 -1972-
PR	Pearson and Readhead	Rd	Extragalactics	ApJ 328, 114 -1988-, ApJS 98, 1 -1995-
PRA	Prata	V	Non stellar Blue objects	PASP 78, 61 -1966-
PRF	P.R. Foster	Rd	Miscellaneous	Ph.D. Diss. Univ. Cambridge 1961
PRMG	Pena, Ruiz, Maza and Gonzalez	V	Planetary Nebulae	Rev. Mex. Astron. Astrophys. 17, 25 -1989-
PRTM	Pena, Ruiz, Torres-Peimbert and Maza	V	Planetary Nebulae	A&A 237, 454 -1990-
PSS	Palomar Sky Survey II	V	Quasars	(AJ 110, 78 -1995-)
Pt	Peterson	V	Planetary Nebulae	PASP 89, 129 -1977-
Pu	Purgathofer	V	Planetary Nebulae	A&A 70, 589 -1978- and
PuWe	Purgathofer and Weinberger	V	Planetary Nebulae	A&A 87, L5 -1980-
QL	Quigley and Large	Rd	Miscellaneous	MNRAS 134, 239 -1966-
QRM	Quintana, Ramirez and Melnick	V	Galaxies in clusters	AJ 110, 463 -1995-
QN, QS		V	Quasars	Ph. D. Thesys, Durham 1986
R	Rose	V	Clusters of galaxies	A&AS 23, 109 -1976- and segg.
R	Radio survey of the Cygnus X complex	Rd	Miscellaneous	J.E. Winzer, Thesis Univ. Of Toronto
Raab		V	Open clusters	
RAFGL	Revised Air Force	IR	Miscellaneous	
RASS	Rosat All Sky Survey	X	Miscellaneous	A&AS 106, 303 -1994-
RB	Rood and Baum	V	Galaxies	AJ 72, 398 -1967-
RBK	Radio survey of Becker and Kundu	Rd	Miscellaneous	Nat. Phys. Sci. 244, 138 -1973-
RBSC	Rosat All Sky Survey Bright Source Catalogue	X	Miscellaneous	ApJS 129, 547 -2000-
RC	Ratan Cold	Rd	Miscellaneous	A&AS 87, 1 -1991-
RCW	Rodgers, Campbell and Whiteoak	V	Nebulae	MNRAS 121, 103 -1960-
RD			Quasars	(ApJ Letters astro-ph/0002338 -2000-)
RDCS	ROSAT Deep Cluster Survey	X	Clusters of galaxies	ApJ 492, L21 -1998-

RDE	R.D. Eckers	Rd	Miscellaneous	A&A 22, 309 -1973-
RDS	Rood and Sastry	V	Galaxies in A 2199	AJ 77, 451 -1972-
Re	Reynolds	V	Planetary Nebulae	ApJ 288, 622 -1985- and
Re	Reipurth	V	Small Nebulae	A&AS 61, 319 -1985-
REA	Reaves	V	Dwarf Galaxies in Virgo cluster	Ph. D. Dissert. Univ. Calif. Berkeley 1952 and segg.
REIN	Reinmuth	V	Miscellaneous	Veroff. Stern. Heidelb. 7, 175 -1916- and segg.
REIZ	Reiz	V	Galaxies	Ann. Obs. Lund 9 -1941-
REX	Radio Emitting X-ray sources	Rd, X	Extragalactics	ApJ 513, 51 -1000-
RGB	RASS Green Bank	X, Rd	Extragalactics	ApJS 118, 127 -1998-
RIC	Richter	V	Blue objects around M 31	Veroff. Stern. Sonn. 8, 75 -1974-
RICH	Richter	Rd	Miscellaneous	Mitt. Aus dem Heinr.-Hertz Inst. 1964
RKK	R.C. Kraan-Korteweg	V	Galaxies in ZOA	A&AS 141, 123 -2000-
RLWT	Rubin, Losee, Westpfahl and Tuve	V	Blue objects	AJ 76, 1099 -1972- and segg.
RMB	Rubin, Moore and Bertiau	V	Blue objects in Virgo cluster	AJ 72, 59 -1967-
RMHB	Raghavarao, Medd, Higgs and Broten	Rd	Miscellaneous	MNRAS 129, 159 -1965-
RN	Ryle and Neville	Rd	Miscellaneous	MNRAS 125, 39 -1962-
RNO (Cohen)	Red Nebulous Object	V	Small Nebulae	AJ 85, 29 -1980-
RO	Richter and Olsen	V	Quasars	PASP 92, 573 -1980-
Ros	Roslund	V	Open clusters	
RPZM	Ratag, Pottasch, Zijlstra and Menzies	V	Planetary Nebulae	A&A 233, 181 -1990-
RRS	Richter, Richter and Schnell	V	Blue objects	Mitt. Karl Schwarz. Obs. 38 -1968-
RS	Rood and Sastry	V	Galaxies in clusters	
RS	Richter and Sahakjan	V	Miscellaneous	Teil I, Mitt. Karl-Schwarz...-Obs. 24 -1965- and segg.
RSCG	Redshift Survey of Compact Groups	V	Compact Groups of Galaxies	AJ 116, 1573 -1998-
Rup	Ruprecht	V	Open clusters	Akad. Kiado Budapest -1981-
RWH	R.W. Hunstead	Rd	Miscellaneous	MNRAS 157, 367 -1972-
RWT		V	Planetary Nebulae	A&A 139, 230 -1984-
RX (RXS)	Rosat X ray sources	X	Miscellaneous	(Chin. Astron. Astrophys. 21, 146 -1997-; A&A 327, 467 -1997-; A&A 330, 25 -1998-)
S	Survey of qso	UB V	Quasars	ApJS 76, 1 -1991- and segg.
S (Sh)	Sharpless	V	HII Regions and Planetary Nebulae	ApJ 118, 362 -1953-, ApJS 4, 257 -1959-; ADC CD-ROM Vol. 3
S1	Strong source list 1	Rd	Extragalactics	Astrophys. Lett. 2, 105 -1968-
S2	Strong source list 2	Rd	Extragalactics	AJ 77, 265 -1972-
S3	Strong source list 3	Rd	Extragalactics	AJ 77, 797 -1972-
S4	Strong source list 4	Rd	Miscellaneous	AJ 83, 451 -1978-
S5	Strong source list 5	Rd	Miscellaneous	AJ 86, 854 -1981-
Sa	Sandqvist	V	Dark Nebulae	A&A 53, 179 -1976-

SA	Shapley and Ames	V	Galaxies	Harv. Ann. 88, 43 -1932-
Sa 1,2,3,4	Sanduleak and Pesch	V	Planetary Nebulae	PASP 86, 215 -1974- and segg.
SAAK	Saakyan	V	Blue objects	Astrofizika 1, 126 -1965-
SaSt	Sanduleak and Stephenson	V	Planetary Nebulae	ApJ 78, 183 -1972-
SaWe	Saurer and Weinberger	V	Planetary Nebulae	A&AS 69, 527 -1987-
SAX	Small Astronomical X-ray satellite	X	Miscellaneous	(MNRAS 306, L55 -1999)
SB	S. Beaulieu	V	Planetary Nebulae	Mount Strom. Obs. Thesis - 1996-
SBS	Second Byurakan Survey	V	Extragalactics	Astrofizika 13, 397 -1977- and segg.
SC	Sculptor-Centaurus	V	Dwarf Galaxies in SCL-CEN	AJ 114, 1313 -1997-
SC	Shapley and Campbell	V	Nebulae and Galaxies	Harv. Ann. 85, 113 -1924-
SCH	Schanberg	V	Peculiar Galaxies and Blue objects	ApJS 26, 115 -1973- and segg.
SCHO	Schoenberg	V	Dark Nebulae	Bayer. Akad. Wissen Vol. 5, n. 26, 5 -1964-
Schu	Schuster	V	Open clusters	Priv. Comm. 1982
Sd	Sherwood	V	Planetary Nebulae	Observatory 89, 207 -1969-
SDSS	Sloan Digital Sky Survey	UB VRI	Miscellaneous	http://www.astro.princeton.edu/BBOOK/
SEA	Sersic and Aguero	V	Chains of Galaxies in CEN	Astrophys. And Space Sci. 19, 387 -1972-
SER (Se)	Sersic	V	Peculiar Galaxies and Clusters	Astrophys. And Space Sci. 28, 365 -1974-
SEY	Seyfert	V	Faint Northern Galaxies	Harv. Ann. 105, 219 -1937-
SG	Shaver and Goss	Rd	Galactic plane objects	Austr. J. Phys. Astrophys. Suppl. 14, 77 -1970-
SG 2-3	Shain and Gaze	V	Diffuse Nebulae	Simeiz Crim. Astrophys. Obs. Contr. 7, 93 -1951- and segg.
SG1	Shain and Gaze	V	Bright Nebulae	Simeiz Crim. Astrophys. Obs. Contr. 6, 3 -1950-
SGC	Southern Galaxies Catalogue	V	Southern Galaxies	Univ. Texas Monograph. 4 - 1985
SGP	South Galactic Pole	V	Quasars	Ph. D. Thesis Durham 1986
SHAH	Shabazian	V	Galaxies Groups	Astrofizika 9, 495 -1973 - e segg
SHAP	Shapley	V	Southern Galaxies	Harv. Ann. 88, 107 -1935-
SHB	Smith-Haenni Blue objects	V	Quasars	A&AS 27, 205 -1977-
Sher		V	Open clusters	
SHRV	Sharov	V	Compact galaxies	Astr. Zh. 50, 1023 -1973-
ShWi (SAWI)	Shaw and Wirth	V	Planetary Nebulae	PASP 97, 1071 -1985-
Sim	Simeiz	V	Planetary Nebulae	Sov. Astron. Lett. 4, 1 -1978-
SK	Sinclair and Kerr	Rd	Galactic plane objects	Austr. J. Phys. 24, -1971
SKAc	Skiff and Acker	V	Planetary Nebulae	Priv. Comm. 1996
SKK	Shields, Koo and Kron	UB V	Quasars	PASP 101, 351 -1989-
SKK	Sistla and Kaftan-Kassin	Rd	Objects in IC 2149	MNRAS 166, 17P -1974-
SL	Sandqvist and Lindroos	V	Dark Nebulae	A&a 53, 179 -1976-

SL	Sarajedini and Lee	V	Star clusters in LMC	ApJ 450, 712 -1995-
SL	Shapley and Lindsay	V	Star clusters in LMC	Irish Astr. J. 6, 74 -1963-
SM 1-2	Saakyan and Mnatsakanyan	V	Blue objects	Astrofizika 1, 125 -1965- and segg.
SMC	Savage, Murdin and Clark	V	Planetary Nebulae	Observatory 102, 229 -1982-
SMI	Smith	V	Southern Nebulae	Univ. Arizona Steward Obs. - 1972-
Sn	Shane	V	Planetary Nebulae	Mayall list of rad. vel. 1964
SNO	Snow	V	Groups and Clusters of galaxies	AJ 75, 237 -1970-
Sp	Shapley	V	Planetary Nebulae	Harv. Bull. 902, 26 -1936-
SP	Sanduleak and Pesch	UV	Blue objects	ApJ 258, L11 -1982- and
SPA	Shapley and Paraskevopoulos	V	Clusters of Southern Galaxies	Harv. Bull. 914, 1 -1940-
SPC	Sersic, Pastoriza and Carranza	V	Southern Galaxies	Astrophys. Lett. 2, 45 -1968-
SRWW	Scarrott, Rolph, Wolstencroft and Walker	V	Planetary Nebulae	MNRAS 245, 484 -1990-
SS	Sadler and Sharp	V	Double Galaxies	A&A 133, 216 -1984-
SS	Struve and Straka	V	Galactic Nebulae	PASP 74, 474 -1962-
SSV	Strom, Strom and Vrba	IR	Infrared Objects	AJ 81, 308 -1976-
St	Stephenson	V	Planetary Nebulae	PASP 90, 396 -1978- and segg.
ST	Steppe H.	V	Quasars	(ApJ 263, 23 -1982-); A&AS 87, 389 -1991-
ST	Strohmeier	V	Galactic Nebulae	Zs. F. Astrophys. 27, 49 -
Ste (Sm)	Stenholm	V	Planetary Nebulae	A&A 39, 307 -1975-
Steph	Stephenson	V	Open clusters	PASP 71, 145 -1959-
Stock	Stock	V	Open clusters	ApJ
STOCK	Stockton	V	Extragalactic Blue Condensations	Ph. D. Diss. Univ. Arizona - 1968-
Str	Strigl	V	Planetary Nebulae	Priv. Comm. 1996
StWr	Stock and Wroblewski	V	Planetary Nebulae	Publ. Dep. Astron.Univ. Chili 2, 59 -1972-
SuWt	Schuster and West	V	Planetary Nebulae	A&A 46, 139 -1976- and
SV	Sandage and Veron	V	Blue objects	ApJ 142, 412 -1965-
SVEN	Svenonius	V	Extragalactics	Ann. Obs. Lund 6 -1937-
SW	Shane and Wirtanen	V	Clusters of galaxies	Publ. Lick Obs. 22, 1 -1967-
SwSt	Swings and Struve	V	Planetary Nebulae	Proc. Nat. Acad. Sci. 26, 454 -1940-
SZ		V	Galaxies	ApJ 225, 768 -1978-
T	Tifft	V	Galaxies in Cancer cluster	ApJ 185, 115 -1973-
T	Tritton	V	Quasars	MNRAS 216, 623 -1985-
TaWe	Tamura and Weinberger	V	Planetary Nebulae	A&A 298, 204 -1995-
TB	Tautenburg (objective prism survey)	V	Extragalactics	AN 300, 31 -1979-; AN 300, 77 -1979-
Tc	Thackeray	V	Planetary Nebulae	MNRAS 110, 524 -1950-
TCSS	Turatto, Cappellaro, Sabbadin and Salvadori	V	Planetary Nebulae	AJ 99, 1170 -1990-
TD	Thomas and Day	Rd	Galactic plane objects	Austr. J. Phys. Astrophys. Suppl. 11, -1969- and segg.

TDC	Thompson, Djorgovski and De Carvalho	V	Planetary Nebulae	PASP 103, 487 -1991-
Te (Trz)	Terzan	V	Planetary Nebulae	The Mess. 42, 4 -1985- and segg.
TeJu (TJ)	Terzan and Ju	V	Planetary Nebulae	The Mess. 20, 6 -1980-
TeOu	Terzan and Ounnas	V	Planetary Nebulae	A&AS 76, 205 -1988-
TER	Terzan	V, IR	Globular clusters	A&A 12, 477 -1971-
TEX (UT)	Texas Radio Sources	Rd	Extragalactics	AJ 78, 521 -1973-, AAS CD-ROM Vol. 6
Th	The	V	Planetary Nebulae	Contr. Bosscha Obs. 14 -1962 and segg.
TK	Tweedy and Kwitter	V	Planetary Nebulae	ApJ 433, L93 -1994-
To	Tombaugh	V	Open clusters	PASP 53, 219 -1941-
TOLOLO	Tololo	V	Quasars	ApJ 231, 653 -1979-
Tololo (CTIO)	Tololo	V	Emission line Galaxies	ApJS 32, 217 -1976-
TON	Tonantzintla	V	Miscellaneous	Bol. Obs. Ton. Y Tacub. Vol. 2-16, 3 -1957- and segg.
TON-N	Tonantzintla North	V	Blue objects	Bol. Obs. Ton. Y Tacub. Vol. 2- 18, 3 -1959-
TON-S	Tonantzintla South	UV	Blue objects	Bol. Obs. Ton. Y Tacub. Vol. 2-17, 15 -1958-
Tr	Trumpler	V	Open clusters	Lick Obs. Bull. 14, 154 -1930- and segg.
TrBr (TBJ)	Terzan and Bernard	V	Planetary Nebulae	Compt. Rend. Acad. Sci. 287, Ser. B, 235 -1978-
TS	Theys and Spiegel	V	Ring Galaxies	ApJ 208, 650 -1976-
UGC	Uppsala General Catalogue	V	Galaxies	Nova Acta Regiae Soc. Scient. Ser. V, Vol. 1 - Uppsala 1973-; ADC CD-ROM Vol. 3
UGCA	selected non UGC galaxy	V	Galaxies	Uppsala Astron Obs. Vol. 5 - 1974-
UKS	United Kingdom Sources	V	Miscellaneous	MNRAS 183, 97 -1978- and segg.
UM	University of Michigan	V	Extragalactics	ApJS 34, 95 -1977- and segg.
UN	Uvx-Nvss (Ultraviolet excess -NRAO VLA Sky Survey)	Rd	Quasars	(ApJ 520, L87 -1999-)
Upg	Upgren	V	Open clusters	PASP 77, 355 -1965-
URA	Uranova	V	Stellar Rings	Ast. Tsirk. 772, 4 -1973- and segg.
US	Usher	V	Blue objects	ApJS 46, 117 -1981- and segg.
UT	Ungerechts and Thaddeus	Rd	Molecular Clouds	ApJS 63, 645 -1987-
V	Vaucher	V	Quasars	Ph.D. Thesis Penns. State Univ. 1982
VB	Vidal and Bern	V	Stellar Rings	A&A 29, 277 -1973-
VBe (VB)	van den Bergh	V	Planetary Nebulae	ApJS 38, 119 -1978- and segg.
VBRC (BRABCMS)	van den Bergh and Racine	V	Planetary Nebulae	ApJ 179, 863 -1973-
VCC	Virgo Cluster Catalogue	V	Galaxies in VIR	AJ 90, 1681 -1985-
Vd	Vandervort	V	Planetary Nebulae	Contr. Bosscha Obs. 30 -1964

vdB	van den Bergh	V	Galaxies	ApJ 179, 863 -1973-
VDB.66B	van den Bergh	V	Faint blue Objects	ApJ 144, 866 -1966-
VDB.66G	van den Bergh	V	Dwarf Galaxies	AJ 71, 922 -1966-
VDB.66N	van den Bergh	V	Reflection Nebulae	AJ 71, 990 -1966-; ADC CD-ROM Vol. 4
Ve	Velghe	V	Planetary Nebulae	ApJ 126, 302 -1957-
VERA	Vega and Rabolli	V	Planetary Nebulae	AJ 85, 1207 -1980-
VHA	van den Bergh and Hagen	V	Southern Clusters	AJ 80, 11 -1975-
VHE (vdBH)	van den Bergh and Herbst	V	Southern Stars and Nebulae	AJ 80, 208 -1975-
VKDA	Vorontsov-Vel'Yaminov, Kostjakova, Dokuchaeva and Arkipova	V	Planetary Nebulae	Astron. Tsirk. N. 716, 7 -1972- and segg.
VLA-NEP	Very Large Array - North Ecliptic Pole	Rd	Miscellaneous	ApJS 93, 145 -1994-
VLG	Very Luminous Galaxy	V	Luminous Galaxies	AJ 115, 2250 -1998-
VMT	van den Bergh, Marschner and Terzian	V	Galactic Supernova Remnants	ApJS 26, 19 -1973-
VN	Vennik	V	Faint Galaxies	A&AS 117, 261 -1996-
Vo	Volk	V	Planetary Nebulae	Priv. Comm. 1988
VRO	Vermilion River Observatory	Rd	Miscellaneous	AJ 70, 756 -1965- and segg.
VSP	Van de Steene and Pottasch	V	Planetary Nebulae	A&A 299, 238 -1995-
VV	Vorontsov-Vel'Yaminov	V	Interacting Galaxies	Moscow State Univ. Atlas - 1959-
V-V	Vorontsov-Vel'Yaminov	V	Planetary Nebulae	Astron. Zurn. 11, 40 -1934-, 38, 375 -1961- and segg.
VV'	Vorontsov-Vel'Yaminov	V	Planetary Nebulae	Mitt. Städt. Astron. Sternb. Inst. Moscow 118, 3 -1962-
VVI	Vorontsov-Vel'Yaminov and Ivanisevic	V	Seyfert Galaxies	Astron. Zh. 51, 300 -1974-
Vy 1, 2	Vyssotsky	V	Planetary Nebulae	PASP 54, 152 -1942- and segg.
W	Westerhout	Rd	Galactic plane objects	Bull. Astron. Inst. Netherlands 14, 215 -1958-
W (WEI)	Weistrop	V	Faint blue Objects	A&A 23, 215 -1973-
W1, 2, 3, 4	Westerbork source	Rd	Miscellaneous	A&AS 29, 103 -1977- and segg.
WAS	Wasilewski	V	Extragalactics	ApJ 272, 68 -1983-
Wat	Waterloo	V	Open clusters	
WBL	White, Bliton and Ledlow	V	Clusters of galaxies	AJ 118, 2014 -2000-
WDM (WEED)	Weedman	B	Blue objects near Galaxies	Astrophys. Lett. 9, 49 -1971-
WE	Westerbork Syntesis Radio Telescope Source	Rd	Miscellaneous	A&A 23, 171 -1973- and segg.
WeDe	Weinberger and Dengel	V	Planetary Nebulae	ApJ 265, 249 -1983-
WEE (WDM)	Weedman	V	Quasars	Astrophys. Lett. 9, 49 -1971-; ApJS 57, 523 -1985-
Wei (We)	Weinberger	V	Planetary Nebulae	A&AS 30, 343 -1977- and segg.; PASP 107, 58 -1995-
WEIN	Weinberger	V, IR	Galaxies	A&AS 40, 123 -1980-

WENSS (WN B)	Westerbork Northern Sky Survey	Rd	Extragalactics	A&AS 124, 259 -1997-
WeSb (WeSa)	Weinberger and Sabbadin	V	Planetary Nebulae	A&A 100, 66 -1981-
Westr	Westerlund and Smith	V	Open clusters	PASP 73, 51 -1961-
WGA (1WGA)	White, Giommi and Angelini	X	Miscellaneous	IAUC 6100 -1994-; ROSAT WGA Catal-html 1995,
WhBe	White and Becker	V	Planetary Nebulae	MNRAS 244, 12P -1990-
WhMe	Whitlock and Menzies	V	Planetary Nebulae	MNRAS 223, 497 -1986-
WIL	Wild	V	Galaxies in groups	PASP 65, 202 -1953-
WK	Wolf and Kaiser	V	Nebulae and Galaxies in PER	Ver. Stern. Zu Heidelb. 6, 131 -1913-
WK	Windram and Kenderdine	Rd	Regions around 3C sources	MNRAS 146, 265 -1969-
WKB	Williams, Kenderdine and Baldwin	Rd	Miscellaneous	MRAS 70, 53 -1966-
WKG	Weinberger, Kerber and Groebner	V	Planetary Nebulae	A&A -1996-
WKK	Woudt and Kraan-Korteweg	V	Galaxies in ZOA	in preparation
WMMA	Willmer, Maia, Mendes and Alonso	V	Galaxies in clusters	AJ 118, 1131 -1999-
WP	White Poor clusters	V	Galaxies Groups	ApJ 226, 591 -1978-
WPVS	Wamsteker, Prieto, Vitores and Schuster	V	Emission line objects	A&AS 62, 255 -1985-
WRA (Wray)	Wray	V	Emission line Southern Objects	Ph. D. Diss. Northwest. Univ. 1966
WS	Westerlund and Smith	V	Planetary Nebulae in LMC	MNRAS 127, 449 -1963-
WSDH (WeDe)	Weinberger, Sabbadin, Dengel and Hartl	V	Planetary Nebulae	ApJ 265, 249 -1983-
WSLS	Weinberger, Saurer, Lercher and Seeberger	V	Planetary Nebulae	A&A 282, 197 -1994-
WSR	Wolstencroft, Scarrott and Read	V	Planetary Nebulae	Digit. Opt. Sky Surv., Kluwer 471 -1991-
XRS	Second Catalogue of X-ray Sources	X	Miscellaneous	Astrophys. And Space Sci. 82, 3 -1982-
XSF	(field name)		Quasars	MNRAS 243, -1990-
YBD	Yu, Bally and Devine	V	Protostellar objects	ApJ 485, L45 -1997-
YC	Yale Columbia plate	V	Southern Peculiar Objects	AJ 76, 775 -1971-
Y-C (CeGi)	Cesco et al.	V	Planetary Nebulae	A&AS 11, 335 -1973- and segg.
YLW		V	Dark Nebulae	
YM		V	Symmetric Galactic Nebulae	ApJ 121, 604 -1955- and segg.
YW		Rd	Objects in Cyg-X Region	ApJ 143, 218 -1965-
ZC	Zwicky Clusters	V	Clusters of galaxies	Cal. Tech. Press. -1961- and segg. Volls. 1-6; ADC CD-ROM Vol. 4
ZCG	Zwicky Compact Galaxies	V	Galaxies	Offsetdruck L. Speich, Zurich - 1971-
ZH	Zwicky and Humason	V	Galaxies	ApJ 139, 269 -1964-

ZHGV	Zabludoff, Huchra, Geller and Vogeley	V	Galaxies in clusters	AJ 106, 1273 -1993-
ZL	Zwicky and Luyten	V	Faint blue Objects	Obs. Univ. Minn. 1967
ZOAG	Zone Of Avoidance Galaxy	V	Galaxies	A&AS 110, 269 -1995- and segg.
ZoH	Zodet	V	Planetary Nebulae	The Mess. 38, 42 -1984-
ZWG (CGCG)	Zwicky Galaxies	V	Galaxies	Cal. Tech. Press. -1961- and segg. Volls. 1-6; ADC CD-ROM Vol. 4

(within brackets possible references)

COLUMN "C" LEGEND:

- Rd = radio
- IR (or I) = infrared
- R = red
- V = visual
- B = blu
- UV (or U) = ultraviolet
- X = x-ray
- Gamma = gamma-ray