

ARP

Peculiar Galaxies



Index

1 - 6 - LOW SURFACE BRIGHTNESS SPIRAL GALAXIES

Arp 1	Ursa Major
Arp 2	Hercules
Arp 3	Aquarius
Arp 4	Cetus
Arp 5	Leo
Arp 6 - "Bear Paw Galaxy"	Lynx

7 - 12 - SPIRAL GALAXIES WITH SPLIT ARMS

Arp 7	Hydra
Arp 8	Cetus
Arp 9	Camelopardalis
Arp 10	Cetus
Arp 11	Pisces
Arp 12	Cancer

13 - 18 - SPIRAL GALAXIES WITH DETACHED SEGMENTS

Arp 13 - "Paramecium Galaxy"	Pegasus
Arp 14	Piscis Austrinus
Arp 15	Aquarius
Arp 16 & Arp 317 - "Leo Triplet"	Leo
Arp 17	Camelopardalis
Arp 18	Ursa Major

19 - 21 - THREE ARMED SPIRAL GALAXIES

Arp 19	Cetus
Arp 20	Taurus
Arp 21	Leo Minor

22 - 24 - ONE ARMED SPIRAL GALAXIES

Arp 22	Corvus
Arp 23	Canes Venatici
Arp 24	Ursa Major

25 - 30 - SPIRAL GALAXIES WITH ONE HEAVY ARM

Arp 25 & Arp 114	Cepheus
Arp 26 - "Pinwheel Galaxy"	Ursa Major
Arp 27	Ursa Major
Arp 28	Pegasus
Arp 29 - "Fireworks Galaxy"	Cygnus
Arp 30	Draco

31 - 36 - INTEGRAL SIGN SPIRAL GALAXIES

Arp 31	Aries
Arp 32	Draco
Arp 33 & Arp 326	Virgo
Arp 34	Coma Berenices
Arp 35	Pisces
Arp 36	Canes Venatici

37 - 48 - SPIRAL GALAXIES WITH LOW SURFACE BRIGHTNESS COMPANIONS ON ARMS

Arp 37	Cetus
Arp 38	Draco
Arp 39	Eridanus
Arp 40	Canes Venatici
Arp 41 - "Eye of God Galaxy"	Eridanus
Arp 42 (Hickson 73) - "the Spider" (NGC5829)	Boötes
Arp 43	Leo
Arp 44	Sextans
Arp 45	Boötes
Arp 46	Pegasus
Arp 47	Boötes
Arp 48	Pisces

49 - 78 - SPIRAL GALAXIES WITH SMALL, HIGH SURFACE BRIGHTNESS COMPANIONS ON ARMS

Arp 49	Boötes
Arp 50	Cetus
Arp 51	Cetus
Arp 52	Orion
Arp 53	Hydra
Arp 54	Cetus
Arp 55 - "the Grasshopper"	Lynx
Arp 56	Aries
Arp 57	Coma Berenices
Arp 58	Cancer
Arp 59	Cetus
Arp 60	Coma Berenices
Arp 61	Eridanus
Arp 62	Ursa Major
Arp 63	Leo
Arp 64	Boötes
Arp 65	Andromeda
Arp 66	Draco
Arp 67	Cetus
Arp 68	Pisces
Arp 69	Boötes
Arp 70	Pisces
Arp 71	Hercules
Arp 72	Serpens (Caput)
Arp 73	Hercules
Arp 74	Andromeda
Arp 75	Cetus
Arp 76	Virgo
Arp 77	Fornax
Arp 78 - "Fiddlehead Galaxy"	Aries

79 - 91 - SPIRAL GALAXIES WITH LARGE, HIGH SURFACE BRIGHTNESS COMPANIONS ON ARMS

Arp 79	Boötes
Arp 80	Camelopardalis
Arp 81 - "Edward's Galaxy"	Draco
Arp 82	Cancer
Arp 83	Leo
Arp 84 - "the Heron"	Canes Venatici
Arp 85 - "Whirlpool Galaxy"	Canes Venatici
Arp 86	Pegasus
Arp 87	Leo
Arp 88	Pisces
Arp 89	Cancer
Arp 90	Boötes
Arp 91	Serpens (Caput)

92 - 101 - SPIRAL GALAXIES WITH ELLIPTICAL GALAXY COMPANIONS ON ARMS

Arp 92	Pisces
Arp 93	Aquarius
Arp 94	Leo
Arp 95 (Rose 21)	Boötes
Arp 96	Cepheus
Arp 97	Ursa Major
Arp 98	Triangulum
Arp 99 (Hickson 93)	Pegasus
Arp 100	Cetus
Arp 101	Serpens (Caput)

102 - 108 - ELLIPTICAL AND ELLIPTICAL-LIKE GALAXIES CONNECTED TO SPIRAL GALAXIES

Arp 102	Hercules
Arp 103 - "Zwicky's Triplet"	Hercules
Arp 104 - "Keenan's System"	Ursa Major
Arp 105 - "the Guitar"	Ursa Major
Arp 106	Coma Berenices
Arp 107	Leo Minor
Arp 108	Eridanus

109 - 112 - ELLIPTICAL AND ELLIPTICAL-LIKE GALAXIES REPELLING SPIRAL ARMS

Arp 109	Draco
Arp 110	Aquarius
Arp 111 (Vorontsov-Vel'yaminov 120) - "Flying Ant Galaxy"	Canes Venatici
Arp 112	Pegasus

113 - 132 - ELLIPTICAL AND ELLIPTICAL-LIKE GALAXIES CLOSE TO AND PERTURBING SPIRAL GALAXIES

Arp 113 (Vorontsov-Vel'yaminov 166)	Andromeda
Arp 114 & Arp 25	Cepheus
Arp 115	Leo
Arp 116	Virgo
Arp 117	Boötes
Arp 118	Cetus
Arp 119	Pisces
Arp 120 - "the Eyes"	Virgo
Arp 121	Cetus
Arp 122	Hercules
Arp 123	Lepus
Arp 124	Draco
Arp 125	Hercules
Arp 126	Pisces
Arp 127	Cetus
Arp 128	Pisces
Arp 129	Leo
Arp 130	Pegasus
Arp 131	Eridanus
Arp 132	Leo

133 - 136 - ELLIPTICAL AND ELLIPTICAL-LIKE GALAXIES WITH NEARBY FRAGMENTS

Arp 133 - "Minkowski's Object" (PGC73957)	Cetus
Arp 134	Virgo
Arp 135 - "Perseus Lenticular"	Perseus
Arp 136	Boötes

137 - 145 - MATERIAL EMANATING FROM ELLIPTICAL AND ELLIPTICAL-LIKE GALAXIES

Arp 137	Leo
Arp 138	Coma Berenices
Arp 139	Coma Berenices
Arp 140	Cetus
Arp 141	Camelopardalis
Arp 142 - "the Penguin & the Egg"	Hydra
Arp 143	Lynx
Arp 144	Cetus
Arp 145	Andromeda

146 - 148 - AMORPHOUS GALAXIES WITH ASSOCIATED RINGS

Arp 146	Cetus
Arp 147	Cetus
Arp 148 - "Mayall's Object"	Ursa Major

149 - 152 - AMORPHOUS GALAXIES WITH JETS

Arp 149	Coma Berenices
Arp 150 (Hickson 95)	Pegasus
Arp 151	Ursa Major
Arp 152 - "Smoking Gun"	Virgo

153 - 160 - AMORPHOUS GALAXIES WITH INTERIOR ABSORPTION

Arp 153 - "Hamburger Galaxy"	Centaurus
Arp 154	Fornax
Arp 155	Ursa Major
Arp 156	Draco
Arp 157	Pisces
Arp 158	Andromeda
Arp 159	Coma Berenices
Arp 160 - "Medusa Galaxy"	Ursa Major

161 - 166 - AMORPHOUS GALAXIES WITH DIFFUSE FILAMENTS

Arp 161	Virgo
Arp 162	Leo Minor
Arp 163	Coma Berenices
Arp 164	Pisces
Arp 165	Gem
Arp 166	Triangulum

167 - 172 - AMORPHOUS GALAXIES WITH DIFFUSE COUNTER-TAILS

Arp 167	Cancer
Arp 168	Andromeda
Arp 169	Pegasus
Arp 170 (Hickson 94)	Pegasus
Arp 171	Virgo
Arp 172	Hercules

173 - 178 - AMORPHOUS GALAXIES WITH NARROW COUNTER-TAILS

Arp 173	Boötes
Arp 174	Leo
Arp 175	Virgo
Arp 176	Virgo
Arp 177	Boötes
Arp 178	Boötes

179 - 193 - AMORPHOUS GALAXIES WITH NARROW FILAMENTS

Arp 179	Eridanus
Arp 180	Eridanus
Arp 181	Draco
Arp 182 (Hickson 96)	Pegasus
Arp 183	Canes Venatici
Arp 184	Camelopardalis
Arp 185	Ursa Minor
Arp 186	Eridanus
Arp 187	Eridanus
Arp 188 - "Tadpole Galaxy"	Draco
Arp 189 - "Umbrella Galaxy"	Coma Berenices
Arp 190	Aries
Arp 191	Leo
Arp 192	Leo
Arp 193	Canes Venatici

194 - 208 - AMORPHOUS GALAXIES WITH MATERIAL EJECTED FROM NUCLEI

Arp 194	Ursa Major
Arp 195	Lynx
Arp 196	Coma Berenices
Arp 197	Leo
Arp 198	Leo
Arp 199 - "Exclamation Mark"	Boötes
Arp 200	Aries
Arp 201	Pisces
Arp 202	Lynx
Arp 203	Ursa Major
Arp 204	Camelopardalis
Arp 205	Ursa Major
Arp 206 - "Knitting Needle Galaxy"	Leo Minor
Arp 207	Draco
Arp 208	Hercules

209 - 214 - AMORPHOUS GALAXIES WITH IRREGULARITIES, ABSORPTION AND RESOLUTION

Arp 209	Hercules
Arp 210	Camelopardalis
Arp 211	Canes Venatici
Arp 212	Pegasus
Arp 213	Camelopardalis
Arp 214	Ursa Major

215 - 220 - AMORPHOUS GALAXIES WITH ADJACENT LOOPS

Arp 215	Lynx
Arp 216	Pisces
Arp 217 - "Bow and Arrow Galaxy"	Ursa Major
Arp 218	Serpens (Caput)
Arp 219	Eridanus
Arp 220	Serpens (Caput)

221 - 226 - GALAXIES WITH AMORPHOUS SPIRAL ARMS

Arp 221	Hydra
Arp 222	Aquarius
Arp 223	Aquarius
Arp 224	Ursa Major
Arp 225	Camelopardalis
Arp 226 - "Atoms for Peace Galaxy"	Aquarius

227 - 231 - AMORPHOUS GALAXIES WITH CONCENTRIC RINGS

Arp 227	Pisces
Arp 228	Pisces
Arp 229	Pisces
Arp 230	Cetus
Arp 231	Cetus

232 - 256 - AMORPHOUS GALAXIES WITH APPEARANCE OF FISSION

Arp 232	Leo
Arp 233	Ursa Major
Arp 234	Ursa Major
Arp 235	Pegasus
Arp 236	Cetus
Arp 237 (Hickson 38)	Leo
Arp 238	Ursa Major
Arp 239 - "Telephone Receiver"	Ursa Major
Arp 240	Virgo
Arp 241 - "Segner's Wheel"	Boötes
Arp 242 - "the Mice"	Coma Berenices
Arp 243	Cancer
Arp 244 - "Antennae Galaxies"	Corvus
Arp 245	Hydra
Arp 246	Pisces
Arp 247	Cancer
Arp 248 - "Wild's Triplet"	Virgo
Arp 249	Pegasus
Arp 250	Lynx
Arp 251	Cetus
Arp 252	Hydra
Arp 253	Sextans
Arp 254	Libra
Arp 255	Leo
Arp 256	Cetus

257 - 268 - AMORPHOUS GALAXIES WITH IRREGULAR CLUMPS

Arp 257	Hydra
Arp 258 (Hickson 18)	Aries
Arp 259 (Hickson 31)	Eridanus
Arp 260	Coma Berenices
Arp 261	Libra
Arp 262	Pegasus
Arp 263	Leo
Arp 264	Leo Minor
Arp 265	Canes Venatici
Arp 266	Canes Venatici
Arp 267	Leo Minor
Arp 268 (Holmberg II)	Ursa Major

269 - 274 - DOUBLE AND MULTIPLE GALAXIES WITH CONNECTED ARMS

Arp 269 - "Cocoon Galaxy" (NGC4490)	Canes Venatici
Arp 270	Leo Minor
Arp 271	Virgo
Arp 272	Hercules
Arp 273 - "Rose Galaxy"	Andromeda
Arp 274	Virgo

275 - 280 - INTERACTING DOUBLE AND MULTIPLE GALAXIES

Arp 275	Hydra
Arp 276	Aries
Arp 277	Virgo
Arp 278	Pegasus
Arp 279	Eridanus
Arp 280	Ursa Major

281 - 286 - DOUBLE AND MULTIPLE GALAXIES WITH INFALL AND ATTRACTION

Arp 281 - "Whale Galaxy"	Canes Venatici
Arp 282	Andromeda
Arp 283	Lynx
Arp 284 (Holmberg 810)	Pisces
Arp 285	Ursa Major
Arp 286	Virgo

287 - 293 - DOUBLE AND MULTIPLE GALAXIES WITH WIND EFFECTS

Arp 287	Cancer
Arp 288	Virgo
Arp 289	Crater
Arp 290	Aries
Arp 291	Leo
Arp 292	Sextans
Arp 293	Draco

294 - 297 - DOUBLE AND MULTIPLE GALAXIES WITH LONG FILAMENTS

Arp 294	Ursa Major
Arp 295	Aquarius
Arp 296	Ursa Major
Arp 297	Boötes

298 - 310 - NOT CLASSIFIED

Arp 298	Pegasus
Arp 299 (Vorontsov-Vel'yaminov 118)	Ursa Major
Arp 300	Ursa Major
Arp 301	Leo
Arp 302	Boötes
Arp 303	Sextans
Arp 304	Eridanus
Arp 305	Coma Berenices
Arp 306	Pisces
Arp 307	Leo
Arp 308	Cetus
Arp 309	Cetus
Arp 310 & Arp 311 - "Diamond Shaped Group"	Draco

311 - 321 - GROUPS OF GALAXIES

Arp 311 - "Diamond Shaped Group" & Arp 310	Draco
Arp 312	Hercules
Arp 313	Ursa Major
Arp 314	Aquarius
Arp 315	Lynx
Arp 316 (Hickson 44) - "Gamma Leonis Group"	Leo
Arp 317 - "Leo Triplet" & Arp 16	Leo
Arp 318 (Hickson 16)	Cetus
Arp 319 (Hickson 92) - "Stephan's Quintet"	Pegasus
Arp 320 (Hickson 57)	Leo
Arp 321 (Hickson 40)	Hydra

322 - 332 - CHAINS OF GALAXIES

Arp 322 (Hickson 56)	Ursa Major
Arp 323 (Hickson 98)	Pisces
Arp 324	Hercules
Arp 325	Aquarius
Arp 326 & Arp 33	Virgo
Arp 327 (Hickson 34)	Orion
Arp 328 (Hickson 72)	Boötes
Arp 329 (Hickson 55)	Draco
Arp 330	Draco
Arp 331 - "Pisces Cloud"	Pisces
Arp 332	Eridanus

333 - 338 - NOT CLASSIFIED

Arp 333	Aries
Arp 334	Canes Venatici
Arp 335	Leo
Arp 336 - "Helix Galaxy"	Ursa Major
Arp 337 - "Cigar Galaxy"	Ursa Major
Arp 338	Sextans

Index - by constellation

ANDROMEDA	Arp 113 (Vorontsov-Vel'yaminov 166)
	Arp 65
	Arp 282
	Arp 168
	Arp 158
	Arp 74
	Arp 273 - "Rose Galaxy"
	Arp 145
AQUARIUS	Arp 325
	Arp 226 - "Atoms for Peace Galaxy"
	Arp 93
	Arp 3
	Arp 15
	Arp 314
	Arp 223
	Arp 110
	Arp 222
	Arp 295
ARIES	Arp 31
	Arp 56
	Arp 78 - "Fiddlehead Galaxy"
	Arp 290
	Arp 276
	Arp 258 (Hickson 18)
	Arp 333
	Arp 190
	Arp 200
BOÖTES	Arp 117
	Arp 79
	Arp 199 - "Exclamation Mark"
	Arp 69
	Arp 178
	Arp 45
	Arp 49
	Arp 95 (Rose 21)
	Arp 241 - "Segner's Wheel"
	Arp 297
	Arp 64
	Arp 47
	Arp 328 (Hickson 72)
	Arp 173
	Arp 177
	Arp 302
	Arp 136
	Arp 42 (Hickson 73) - "the Spider" (NGC5829)
	Arp 90
CAMELOPARDALIS	Arp 213
	Arp 210
	Arp 184
	Arp 141
	Arp 17
	Arp 9
	Arp 80
	Arp 225
	Arp 204
CANCER	Arp 82
	Arp 247
	Arp 58
	Arp 12
	Arp 243
	Arp 89
	Arp 167
	Arp 287

CANES VENATICI	Arp 269 - "Cocoon Galaxy" (NGC44490)
	Arp 211
	Arp 23
	Arp 281 - "Whale Galaxy"
	Arp 265
	Arp 266
	Arp 193
	Arp 40
	Arp 334
	Arp 36
	Arp 183
	Arp 85 - "Whirlpool Galaxy"
	Arp 84 - "the Heron"
	Arp 111 (Vorontsov-Vel'yaminov 120) - "Flying Ant Galaxy"
CENTAURUS	Arp 153 - "Hamburger Galaxy"
CEPHEUS	Arp 96
	Arp 25 & Arp 114
CETUS	Arp 50
	Arp 51
	Arp 144
	Arp 146
	Arp 256
	Arp 100
	Arp 19
	Arp 127
	Arp 231
	Arp 230
	Arp 140
	Arp 251
	Arp 121
	Arp 59
	Arp 236
	Arp 67
	Arp 8
	Arp 133 - Minkowski's Object" (PGC73957)
	Arp 308
	Arp 4
	Arp 75
	Arp 318 (Hickson 16)
	Arp 10
	Arp 54
	Arp 309
	Arp 37
	Arp 118
	Arp 147
COMA BERENICES	Arp 305
	Arp 138
	Arp 260
	Arp 106
	Arp 149
	Arp 34
	Arp 189 - "Umbrella Galaxy"
	Arp 163
	Arp 242 - "the Mice"
	Arp 159
	Arp 139
	Arp 196
	Arp 60
	Arp 57
CORVUS	Arp 22
	Arp 244 - "Antennae Galaxies"
CRATER	Arp 289
CYGNUS	Arp 29 - "Fireworks Galaxy"
DRACO	Arp 207
	Arp 181
	Arp 156
	Arp 329 (Hickson 55)

	Arp 109
	Arp 188 - "Tadpole Galaxy"
	Arp 66
	Arp 330
	Arp 293
	Arp 32
	Arp 124
	Arp 30
	Arp 310 & Arp 311 - "Diamond Shaped Group"
	Arp 38
	Arp 81 - "Edward's Galaxy"
ERIDANUS	Arp 131
	Arp 179
	Arp 108
	Arp 332
	Arp 41 - "Eye of God Galaxy"
	Arp 304
	Arp 279
	Arp 39
	Arp 219
	Arp 186
	Arp 61
	Arp 180
	Arp 259 (Hickson 31)
	Arp 187
FORNAX	Arp 77
	Arp 154
GEMINI	Arp 165
HERCULES	Arp 324
	Arp 122
	Arp 71
	Arp 272
	Arp 172
	Arp 209
	Arp 2
	Arp 73
	Arp 125
	Arp 103 - "Zwicky's Triplet"
	Arp 312
	Arp 208
	Arp 102
HYDRA	Arp 257
	Arp 7
	Arp 275
	Arp 221
	Arp 321 (Hickson 40)
	Arp 142 - "the Penguin & the Egg"
	Arp 252
	Arp 245
	Arp 53
LEO	Arp 307
	Arp 237 (Hickson 38)
	Arp 232
	Arp 137
	Arp 63
	Arp 129
	Arp 255
	Arp 174
	Arp 316 (Hickson 44) - "Gamma Leonis Group"
	Arp 94
	Arp 43
	Arp 263
	Arp 192
	Arp 291
	Arp 198
	Arp 335
	Arp 191

	Arp 301
	Arp 132
	Arp 16 & Arp 317 - "Leo Triplet"
	Arp 5
	Arp 197
	Arp 320 (Hickson 57)
	Arp 83
	Arp 87
	Arp 115
LEO MINOR	Arp 264
	Arp 267
	Arp 270
	Arp 206 - "Knitting Needle Galaxy"
	Arp 107
	Arp 162
	Arp 21
LEPUS	Arp 123
LIBRA	Arp 261
	Arp 254
LYNX	Arp 250
	Arp 143
	Arp 6 - "Bear Paw Galaxy"
	Arp 195
	Arp 202
	Arp 215
	Arp 55 - "the Grasshopper"
	Arp 283
	Arp 315
ORION	Arp 52
	Arp 327 (Hickson 34)
PEGASUS	Arp 169
	Arp 278
	Arp 319 (Hickson 92) - "Stephan's Quintet"
	Arp 13 - "Paramecium Galaxy"
	Arp 298
	Arp 99 (Hickson 93)
	Arp 170 (Hickson 94)
	Arp 150 (Hickson 95)
	Arp 212
	Arp 182 (Hickson 96)
	Arp 28
	Arp 46
	Arp 86
	Arp 262
	Arp 249
	Arp 112
	Arp 130
	Arp 235
PERSEUS	Arp 135 - "Perseus Lenticular"
PISCES	Arp 92
	Arp 216
	Arp 284 (Holmberg 810)
	Arp 68
	Arp 323 (Hickson 98)
	Arp 246
	Arp 35
	Arp 201
	Arp 331 - "Pisces Cloud"
	Arp 70
	Arp 229
	Arp 11
	Arp 128
	Arp 88
	Arp 119
	Arp 48
	Arp 164
	Arp 227

	Arp 157
	Arp 306
	Arp 228
	Arp 126
PISCIS AUSTRINUS	Arp 14
SERPENS (CAPUT)	Arp 91
	Arp 220
	Arp 72
	Arp 218
	Arp 101
SEXTANS	Arp 253
	Arp 303
	Arp 292
	Arp 338
	Arp 44
TAURUS	Arp 20
TRIANGULUM	Arp 98
	Arp 166
URSA MAJOR	Arp 268 (Holmberg II)
	Arp 336 - "Helix Galaxy"
	Arp 300
	Arp 337 - "Cigar Galaxy"
	Arp 233
	Arp 217 - "Bow and Arrow Galaxy"
	Arp 24
	Arp 205
	Arp 299 (Vorontsov-Vel'yaminov 118)
	Arp 296
	Arp 234
	Arp 224
	Arp 160 - "Medusa Galaxy"
	Arp 238
	Arp 104 - "Keenan's System"
	Arp 239 - "Telephone Receiver"
	Arp 26 - "Pinwheel Galaxy"
	Arp 285
	Arp 1
	Arp 27
	Arp 155
	Arp 151
	Arp 214
	Arp 322 (Hickson 56)
	Arp 280
	Arp 18
	Arp 148 - "Mayall's Object"
	Arp 105 - "the Guitar"
	Arp 203
	Arp 294
	Arp 62
	Arp 194
	Arp 313
	Arp 97
URSA MINOR	Arp 185
VIRGO	Arp 161
	Arp 248 - "Wild's Triplet"
	Arp 134
	Arp 120 - "the Eyes"
	Arp 152 - "Smoking Gun"
	Arp 175
	Arp 76
	Arp 116
	Arp 277
	Arp 176
	Arp 288
	Arp 33 & Arp 326
	Arp 240
	Arp 271

