

Abell 262 - Observing Notes

I observed the cluster on eight occasions and identified a total of 47 cluster members down to photographic magnitude 15.7, the majority of which are so-called anonymous galaxies not found in the NGC or IC catalogues.--Steve Gottlieb

N0668 = U01238 = M+06-05-003 = Z521-080

01 46 22.6 +36 27 37

V = 13.1; Size 1.8x1.2; SB = 13.8; PA = 30d

17.5: fairly faint, slightly elongated SW-NE, broadly concentrated halo, small bright core. Located 2.5' W of a mag 10.5 star at the NW edge of Abell 262 galaxy cluster.

N0669 = U01248 = M+06-05-004 = Z522-004

01 47 16.2 +35 33 46

V = 12.3; Size 3.2x0.6; SB = 12.8; PA = 36d

17.5: moderately bright, edge-on 4:1 SW-NE, bright bulging core, thin tapering extensions, fairly striking appearance. A mag 13 star is just S of the SW tip 1.5' from the center. Three mag 12 stars form a shallow obtuse triangle close N with the nearest star 1.8' NW. Located at the SW edge of Abell 262 galaxy cluster.

U01277 = M+06-05-011 = Z522-014

01 49 25.8 +35 27 09

V = 13.2; Size 1.7x0.9; SB = 13.5; PA = 75d

17.5: fairly faint, fairly small, oval WSW-ENE, weak concentration.

Located 2.1' ENE of mag 7.8 SAO 55002. Member of Abell 262.

N0679 = U01283 = M+06-05-012 = Z522-015 = V Zw 114

01 49 43.7 +35 47 08

V = 12.3; Size 2.1x2.1; SB = 13.8

17.5 (9/19/87): moderately bright, fairly small, round, broad
concentration, in Abell 262.

13 (9/22/84): moderately bright, round, small bright core.

U01299 = M+06-05-013 = Z522-018

01 50 33.0 +35 21 29

V = 14.9; Size 1.0x0.6; SB = 14.1; PA = 85d

17.5: extremely faint, very small, possibly elongated ~N-S. Located 5.0'
NNW of N688 in Abell 262. Appearance is extremely diffuse on the POSS.

N0687 = U01298 = M+06-05-014 = Z522-017

01 50 33.2 +36 22 15

V = 12.3; Size 1.4x1.4; SB = 12.9

17.5 (9/19/87): moderately bright, fairly small, round, bright core,
stellar nucleus. Member of Abell 262.

13 (9/22/84): moderately bright, small, round, bright core.

N0688 = U01302 = M+06-05-015 = Z522-020 = Mrk 1009

01 50 44.2 +35 17 04

V = 12.7; Size 2.5x1.5; SB = 13.9; PA = 145d

17.5 (9/19/87): fairly faint, fairly small, oval NNW-SSE, weak
concentration. Forms a pair with U01299 within in Abell 262.

13 (10/20/84): fairly faint, moderately large, diffuse, weak concentration.

IC1732 = U01307 = M+06-05-016 = Z522-021

01 50 47.9 +35 55 57

V = 13.9; Size 1.5x0.4; SB = 13.2; PA = 62d

17.5 (9/19/87): faint, fairly small, edge-on WSW-ENE. A mag 15 star is at the NE edge 18" from the center. Located 5.3' N of mag 7.3 SAO 55026 in Abell 262.

13 (10/20/84): very faint, small, elongated WSW-ENE. One or two extremely faint stars possibly involved. Located between two stars mag 7 and 8.

U01308 = M+06-05-017 = Z522-022

01 50 51.3 +36 16 33

V = 12.8; Size 2.3x2.3; SB = 14.6

17.5: faint, very small, round. A mag 13 star is involved at the W end just 12" from the center. This member of Abell 262 is located 1.9' NW of a mag 10 star and 6.8' SE of N687.

U01319 = M+06-05-020 = Z522-024

01 51 29.2 +36 03 57

V = 13.9; Size 0.9x0.6; SB = 13.1; PA = 155d

17.5: faint, small, slightly elongated N-S, weak concentration. A mag 13 star is 1.1' N. Located 9' E of a mag 7.8 SAO 55023 in Abell 262. 9/19/87 and 12/19/87

Z522-026 = V Zw 131

01 52 06.8 +35 24 53

V = 14.0; Size 0.5x0.4

17.5: very faint, very small, round. Two mag 14/15 stars are 1'-2' SE.

Member of Abell 262.

U01336 = Z522-027 = V Zw 133 = NPM1G +35.0042 = (R)N700

01 52 12.7 +36 05 51

V = 14.4; Size 1.2x0.3; SB = 13.2; PA = 10d

17.5: extremely faint, very small, irregularly round. Several faint stars near including two mag 14 stars 0.8' SSW and 0.9' SW and a mag 13.5 star is 1.6' WSW. Located in the Abell 262 cluster with N700 lies 3.7' SE.

N0700 = Z522-030

01 52 16.9 +36 02 12

V = 14.2; Size 0.9x0.7; SB = 13.5

17.5: very faint, small, round. Two mag 14 stars are collinear 1.5' WSW and 2.7' WSW. Located about 8' SW of the central core of Abell 262 in a group of four galaxies with U01336 3.7' NW. This galaxy (CGCG 522-030) is

not identified as N700 in any of the major catalogues.

Lord Rosse described this gx as "about 8' sp same group [N703, 704, 705, 708]." This rough position is a much better match with Z522-030 than

U01336 = Z522-027 which is identified as N700 in RNGC, UGC and CGCG. MCG

lists M+06-05-024 = N700. Reinmuth suggests an apparent anonymuos gx:

"identif doubtful; perhaps eeF vS neb sp 1.2' N704."

U01338 = M+06-05-025 = Z522-031

01 52 21.8 +35 47 47

V = 14.2; Size 0.9x0.6; SB = 13.5; PA = 75d

17.5: extremely faint, extremely small, almost round. A close mag 14

double star is 0.9' W (8" separation oriented N-S). Forms a pair with

U01339 3.6' NNE within Abell 262. 9/19/87 and 10/14/87

U01339 = M+06-05-026 = Z522-032

01 52 24.8 +35 51 23

V = 13.7; Size 1.1x0.9; SB = 13.6

17.5: faint, small, round. A mag 15 star is at the ENE edge 15" from the

center. Forms a pair with U01338 3.6' SSW within Abell 262. 9/19/87

13: faint, small, slightly elongated SW-NE. 10/20/84

U01344 = M+06-05-027 = Z522-035

01 52 34.7 +36 30 03

V = 12.7; Size 1.6x0.8; SB = 12.8; PA = 22d

17.5: faint, extremely small. Located just 25" N of a mag 10.5 star which lies just off the S edge! Forms a trio with U01350 4.7' E and U01347 7.4' NNE in Abell 262.

Z522-033 = VI Zw 088 = NPM1G +35.0043

01 52 32.6 +36 06 55

Size 0.25x0.25

17.5: extremely faint and small, round. Located 1.2' W of N704 in the core of Abell 262. 9/19/1987

N0704 = U01343 = M+06-05-028 = Z522-034 = V Zw 134

01 52 37.7 +36 07 37

V = 13.1; Size 0.6x0.5

17.5 (9/19/87): fairly faint, small, oval ~N-S, weak concentration.

Located in the dense core of Abell 262 with N705 1.3' NE, N703 2.7'N and N708 2.7' NE. This is a double galaxy (unresolved).

13: fairly faint, very small. Second brightest of four in the core of Abell 262. Observed on 9/22/84 and 12/11/82.

N0703 = U01346 = M+06-05-029 = Z522-037

01 52 39.6 +36 10 17

V = 13.3; Size 1.2x0.9; SB = 13.2; PA = 50d

17.5 (9/19/87): faint, small, oval, weak concentration. A mag 15 star is at the SW end. Located in the central core of Abell 262 with N708 1.8' SE, N705 1.7' SSE and N704 2.7' S.

13: faint, very small, third brightest of four in the core of Abell 262.

Observations made on 9/22/84, 10/22/84 and 12/11/82.

N0705 = U01345 = M+06-05-030 = Z522-036 = VI Zw 90

01 52 41.5 +36 08 39

V = 13.6; Size 1.2x0.3; SB = 12.3; PA = 117d

17.5 (9/19/87): very faint, very small, slightly elongated, weak concentration. Located in the core of Abell 262 with N703 1.7' N, N704

1.3' SW and N708 1.1' NE. A mag 14 star is 40" S midway to N704.

13: very faint, very small, star less than 1' SW between N703 and N704.

Observed on 12/11/82, 9/22/84 and 10/20/84.

U01347 = M+06-05-032 = Z522-038 = A0149+36

01 52 45.8 +36 37 07

V = 12.9; Size 1.3x1.1; SB = 13.1

17.5: fairly faint, fairly small, round. Located just NW of a mag 12 star (39" to center). An extremely faint mag 15.5 star is at the W edge. This member of Abell 262 is situated 7.4' NNE of U01344 in a trio with U01350 which lies 6.7' S.

N0708 = U01348 = M+06-05-031 = Z522-039

01 52 46.4 +36 09 08

V = 12.7; Size 3.0x2.5; SB = 14.9; PA = 35d

17.5: fairly faint, small, slightly elongated, weak concentration. A mag 15 star is at the N end just 0.2' from center. Located in the central core of Abell 262 with N703 1.8' NW, N705 1.1' SW and N704 2.7' SW.

13: very faint, small, round, largest in group of four. A mag 15 star is

off the N edge. 12/11/82, 9/22/84.

N0709 = Z522-040

01 52 50.6 +36 13 25

V = 14.3; Size 0.5x0.2; PA = 130d

17.5: very faint, very small, elongated NW-SE. Located almost at midpoint of a mag 12 star 1.9' SE and a mag 10 star 2.0' NW. Located just N of the central core of Abell 262 with N708 4.3' SSW and N703 3.8' SW.

N0710 = U01349 = M+06-05-033 = Z522-041

01 52 53.9 +36 03 12

V = 13.7; Size 1.3x1.2; SB = 14.0

17.5: fairly faint, fairly small, oval slightly elongated ~E-W. A mag 15 star is 40" SSW of center. Located about 6' SSE of the central four galaxies (N703, N704, N705, N708) in the core of Abell 262.

13: fairly faint, slightly elongated, fairly small, largest in field.

12/11/82, 9/22/84

U01350 = M+06-05-034 = Z522-042

01 52 57.5 +36 30 46

V = 13.2; Size 1.7x1.2; SB = 13.9; PA = 55d

17.5: very faint, fairly small, elongated SSW-NNE, even surface brightness.

Last of three with U01344 4.7' W and U01347 6.7' NNW in Abell 262.

N0712 = U01352 = M+06-05-035 = Z522-043

01 53 08.5 +36 49 12

V = 12.8; Size 1.3x1.0; SB = 12.9; PA = 85d

17.5: moderately bright, fairly small, slightly elongated WSW-ENE, even concentration, small bright core. A mag 14 star is close SW 0.6' from center and a mag 12 star is 1' N. UGC 01353 lies 9' NNE. Member of Abell 262.

U01353 = M+06-05-036 = Z522-046 = VI Zw 93

01 53 23.0 +36 57 18

V = 13.1; Size 1.2x1.0; SB = 13.2; PA = 110d

17.5: fairly faint, very small, round, small bright core. Forms the E vertex of a parallelogram with three mag 12 stars to the W and NW, with the closest two stars 2.6' W and 2.7' NW. Located 8.7' NNE of N712 within Abell 262.

N0714 = U01358 = M+06-05-037 = Z522-047

01 53 29.6 +36 13 17

V = 13.1; Size 1.5x0.4; SB = 12.3; PA = 112d

17.5 (9/19/87): fairly faint, fairly small, elongated WNW-ESE, bright core.

Two mag 13.5 stars are 1.0' W and 1.4' NW of center. Member of Abell 262.

13 (9/22/84): fairly faint, bright core, edge-on WNW-ESE, two faint stars
are close W.

M+06-05-040 = Z522-048

01 53 50.2 +36 21 01

V = 14.3; Size 0.2x0.2

17.5: faint, very small, round, weak concentration. Located 7.3' N of N717

in Abell 262. 9/19/87

13: extremely faint, extremely small. Collinear with two stars to the NW.

9/22/84

N0717 = U01363 = M+06-05-041 = Z522-052

01 53 55.1 +36 13 46

V = 13.9; Size 1.3x0.2; SB = 12.5; PA = 117d

17.5 (9/19/87): faint, small, edge-on WNW-ESE, small bright core. Located
5.1' E of N715 in the core of Abell 262.

13 (9/22/84): very faint, slightly elongated ~E-W, 6' E of N714.

Z522-053

01 53 57.0 +36 38 26

Size 0.6x0.4

17.5: extremely faint, diffuse, round. Located 4.6' W of U01366 in Abell
262. M+06-05-039 lies 4' SSW. 10/24/1987

U01366 = M+06-05-042 = Z522-055

01 54 19.7 +36 37 47

V = 13.9; Size 1.7x0.45; SB = 13.3; PA = 140d

17.5: very faint, small, edge-on NW-SE. Forms a pair with Z522-053 4.6' W
within Abell 262.

Z522-057 = NPM1G +37.0073

01 54 53.6 +37 31 44

Size 0.7x0.5

17.5: very faint, small, round, can hold steadily with averted. Collinear
with two mag 13.5 stars 2.5' N and a mag 13 star is 2' NE. Member of Abell
262. 12/19/1987

U01385 = M+06-05-044 = Z522-058 = A0151+36 = Mrk 2

01 54 53.8 +36 55 05

V = 13.3; Size 0.7x0.6; SB = 12.3; PA = 170d

17.5: fairly faint, very small, slightly elongated E-W, faint stellar
nucleus. A pretty double star mag 10.5/11.5 at 21" separation lies 3.5' W.
Brightest of three with Z522-061 3' SSE and Z522-062 1.6' E. Located 12' S
of mag 6.3 SAO 55082 within Abell 262.

M+06-05-047 = Z522-061

01 54 58.6 +36 52 11

V = 14.1; Size 0.7x0.6; SB = 12.8

17.5: faint, small, round, low surface brightness. This galaxy is the
second of three and appears slightly smaller than U01385 located 3.1' NNW.

Forms the S vertex of a triangle with two mag 12.5/13.5 stars to the N.

Member of Abell 262. 12/19/1987

M+06-05-048 = Z522-062

01 55 01.8 +36 55 13

V = 14.1; Size 0.9x0.6; SB = 13.3

17.5: extremely faint, small, slightly elongated WNW-ESE, very low surface
brightness. Faintest in a trio in Abell 262 and located 1.6' E of U01385.

12/19/1987

U01390 = M+06-05-051 = Z522-066

01 55 21.3 +36 18 23

Size 1.0x0.22; PA = 45d

17.5: faint, very small, round. A pair of mag 13 stars oriented SW-NE are
between 1.5'-2' SE. Located 4.7' WSW of a mag mag 8.5 SAO 55092 (very
close double HU 1033 = 9.3/9.6 at 1.2"). Brightest of three with U01387

3.5' SW in Abell 262. 10/24/87

Z522-067

01 55 37.5 +37 23 50

Size 0.7x0.3

17.5: very faint, small, oval NNW-SSE. A mag 14 star is 1.5' S. Located 8' NNW of mag 5.9 SAO 55102 and 11' NW of 56 Andromedae (V = 5.7) near the edge of the 220x field which detracts from viewing. Member of Abell 262.

12/19/87

U01398 = M+06-05-054 = Z522-069

01 55 58.5 +37 07 46

V = 13.9; Size 1.2x1.1; SB = 14.0

17.5: extremely faint, very small, round. A line of four stars oriented NW-SE is just E including a mag 13.5 star off the NE edge 24" from center and similar star 38" E. Located 7.7' SSW of 56 Andromedae (V = 5.7) within Abell 262. 12/19/87

U01400 = M+06-05-055 = Z522-071

01 56 04.4 +36 07 53

V = 13.0; Size 2.3x0.3; SB = 12.4; PA = 156d

17.5: very faint, very elongated NNW-SSE, very diffuse. A mag 9.5 star is superimposed on the NW end. This member of Abell 262 is also located 2.7' S of mag 8.6 SAO 55105 and 5.2' N of the close bright double star AG 25 =

9.4/9.5 at 5"!

N0732 = U01406 = M+06-05-057 = Z522-076 = Mrk 1011

01 56 27.7 +36 48 08

V = 13.5; Size 1.4x1.0; SB = 13.8; PA = 10d

17.5: very faint, very small, slightly elongated SSW-NNE. A mag 13 star is
45" NW of center. Member of Abell 262. 11/14/87

U01415 = M+06-05-060 = Z522-080

01 56 43.9 +36 23 05

V = 13.7; Size 1.1x0.3; SB = 12.2; PA = 1d

17.5: faint, small, elongated ~N-S, weak concentration. Member of Abell
262. 11/14/87

U01434 = M+06-05-064 = Z522-084

01 57 39.0 +36 15 19

V = 14.2; Size 1.3x0.4; SB = 13.3; PA = 164d

17.5: very faint, very small, slightly elongated roughly N-S. A mag 14
star is 1.0' SE. Located 5.8' NNE of N759 within Abell 262. 11/14/87

N0753 = U01437 = M+06-05-066 = Z522-086

01 57 42.2 +35 54 58

V = 12.3; Size 2.5x1.9; SB = 13.9; PA = 125d

17.5: fairly bright, moderately large, oval NW-SE, broad concentration.

Bright member of Abell 262. 11/14/87

13: fairly faint, fairly small, round, small bright core. 8/8/86

8: faint, small, round. 9/25/81

N0759 = U01440 = M+06-05-067 = Z522-087

01 57 50.3 +36 20 35

V = 12.7; Size 1.6x1.4; SB = 13.6

17.5: moderately bright, small, round, bright core. Member of Abell 262

with U01434 6' SW. 11/14/87

13: fairly faint, small, round, small bright core, faint elongated halo. 8/8/86

Z522-091 = Mrk 1170

01 58 05.6 +37 34 40

V = 14.3; Size 0.6x0.4

17.5: faint, very small, round. This member of Abell 262 is located in the center of open cluster N752! A mag 11.5 star is 1.4' E and a faint very close double star lies 2.5' S. 12/19/87

IC0178 = U01456 = M+06-05-070 = Z522-094

01 58 54.8 +36 40 30

V = 13.3; Size 1.3x0.9; SB = 13.3; PA = 170d

17.5: fairly faint, small, round, weak concentration. A wide pair (35" separation) of mag 12 and 13 stars is 1.5' SE of center. Located 4.7' NNE of mag 7.2 SAO 55161. Member of Abell 262 with Z522-098 10' NNE. 11/14/87 and 12/19/87

Z522-095

01 58 56.0 +37 44 44

Size 0.8x0.4

17.5: very faint, small, round. A mag 13 star is 40" SSE. Located inside the bright open cluster N752 and there are several bright stars to the W. Member of Abell 262. 12/19/87

M+06-05-073 = Z522-098

V = 14.0; Size 0.2x0.2

178 within Abell 262.