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Chart scales: 'b' 60"=1mm; 'c' 40"=1mm; 'd' 20"=1mm; 'e' 10"=1mm; 'f' 5"=1mm. .

VARIABLE STAR MEMORANDUM 101 2001 Oct. 20

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, B. Sumner, AAQ, A. Pearce, N.W. Taylor, N. J. Brown.

134863 Nova Centauri 2001

Type : Nova

Pos. : (1950) 13h52m1.8s -64°01'16"

(2000) 13 55 41.3 -64 15 58

Range : 8.6v - 20.8B

Discovered by W. Liller, Vina del Mar, Chile.

Observations: Oct 1.0098 UT 8.6 (orange filter, Tech. Pan film. Liller).

Oct . 1.0107 UT 8.6

Confirmed by A. Jones, Oct. 2.3333 UT 9.2v

Also by Andrew Pearce, WA at 9.5v.

"f" chart for Nova Cen 2001.

Scale : 5"/mm

Equinox : J2000

Source of plot : GSC + USNO-A2.0

Magnitudes: V, based on UCAC1 mags calibrated from nearby photoelectric V sequences (vsnet-chat 4873 and vsnet-chat 4874), except for 3 brightest stars which are Tycho-2 mags. Errors in the UCAC1 mags are estimated to be +/- 0.2 mag.

Sequence courtesy of Bruce Sumner, BOM, Melbourne.

The prenova appears to be identified in the USNO-A2.0 catalogue, at $r = 17.6$, $b = 20.8$.

M. Morel

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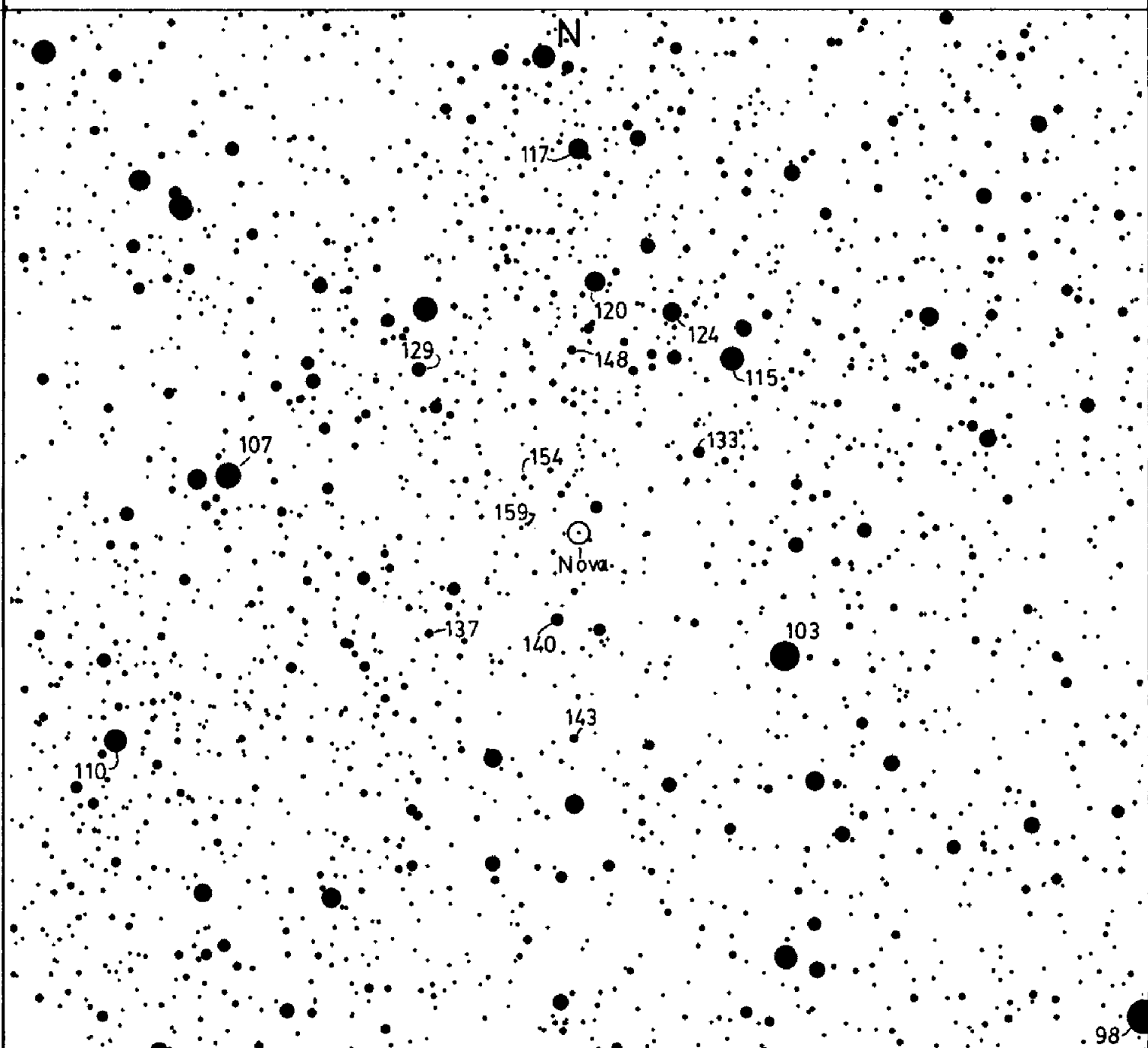
134863 Nova Centauri 2001

(1950) : 13h52m1.8s -64°01'16"

(2000) : 13 55 41.3 -64 15 58

Type : N? Range : 8.6v - ? Spect. ?

Scale : 5" = 1mm



Plotted from GSC & USNO-A2.0

Equinox :2000

Mags: V

Guide 7.0 plot. MM

VARIABLE STAR MEMORANDUM 102 2001 Oct. 25

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, B. Sumner, AAQ, A. Pearce, N.W. Taylor, N. J. Brown.

004274 Var SMC 2001

Type : Nova? Nova-like? In SMC
Pos. : (1950) 00h44m39.0s -73°46'03"
(2000) 00 46 27.8 -73 29 40

Range : 12.1p - ?

Discovered by W. Liller, Vina del Mar,
Chile.

Observations: Oct 21.0857 UT 12.1p (orange
filter, Tech. Pan film. Liller).

Oct 21.0879 UT 12.1
22.0725 12.22V (CCD)
23.842 13.2 (A.Pearce)

"f" chart : 0042-74 Var SMC 2001.

Scale : 5"/mm

Equinox : J2000

Source of plot : GSC + USNO-A2.0

Magnitudes: V - Tycho-2 . + misc. sources

M. Morel

A nova-like object in the SMC, which may be
identical with a star, V=18.09, B-V 0.63, at
(2000) 0h46m27.36s -73°29'41.2" (OGLE
catalogue).

Ref: IAUC 7738 (2001 October 23).

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VARIABLE STAR MEMORANDUM 103 2002 Jan. 11

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, B. Sumner, AAQ, A. Pearce, N.W. Taylor, N. J. Brown.

065903 Var Mon 2002

Type : Peculiar variable in Monoceros
Pos. : (1950) 07h01m35.4s -3°46'20"
(2000) 07 04 4.85 -3 50 51

Range : 10-15.5p
Discovered by N.J. Brown, Quinns
Rocks, Western Australia

Observations: Jan 6.6 UT 10p on T-Max 400
film.

Nicholas Brown has discovered an unusual object (described as a "possible nova") in Monoceros. Nothing appeared at this position (limiting magnitude 12) on a photo taken on 2001 Dec. 22. Confirming observations have been reported by several observers. Archival photos at Harvard show nothing bright at this position, from 1930 to 1950. Brown's object appears to coincide with a previously catalogued star, GSC 4822.00039, $m = 15.5$. On the DSS image this object is a blend of at least two distinct objects. One CCD observation has yielded $B-V = +1.72$, too red for a normal nova on the rise.

"d" chart : 0659-03 Var Mon 2002.

Scale : 20"/mm
Equinox : J2000
Source of plot : GSC
Magnitudes: V - Tycho-2 . + USNO-A2.0

M. Morel

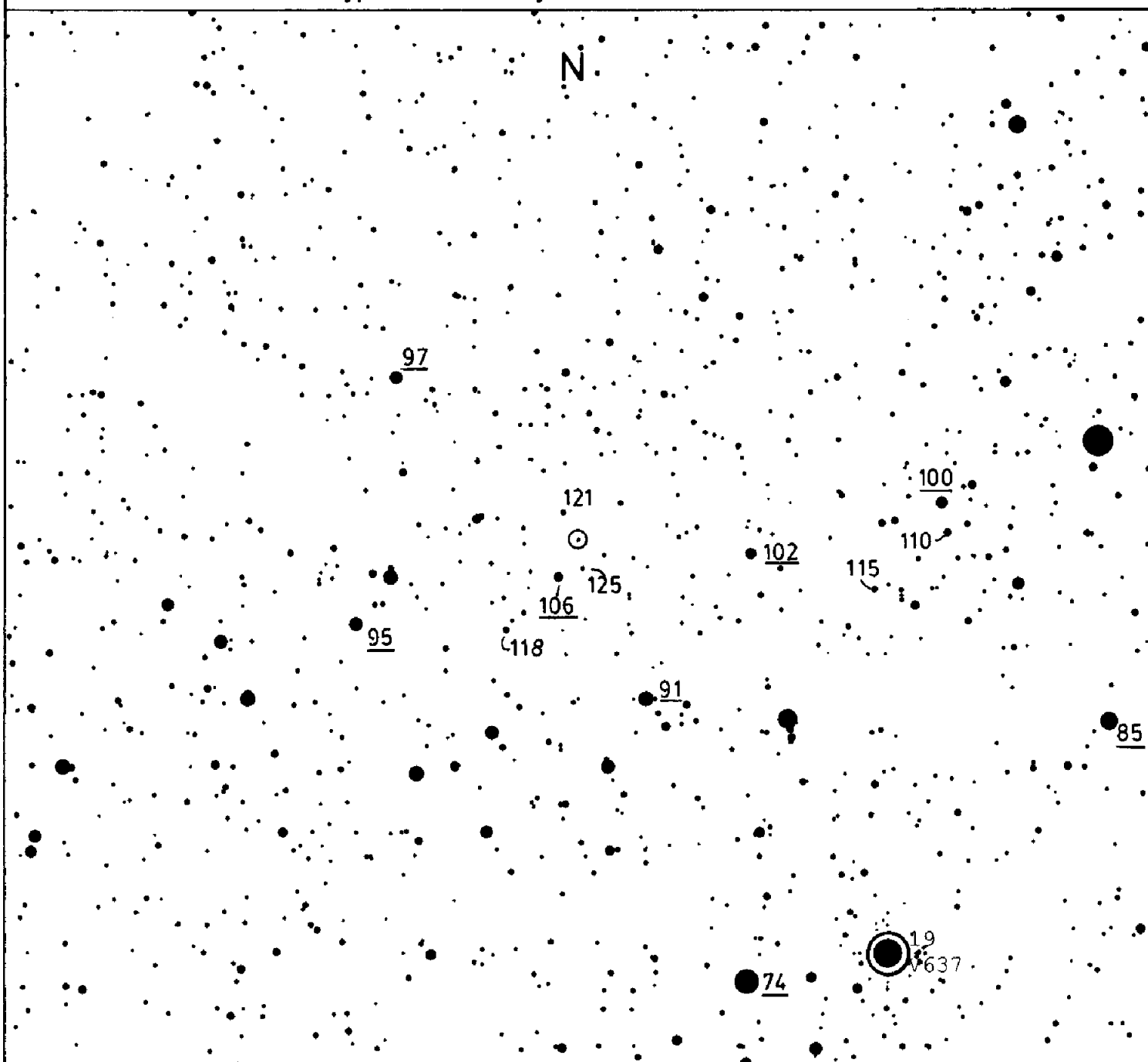
Ref: IAUC 7785 (2002 January 10).

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065903 --- Mon (2002)**(1950) : 7h01m35.4s -3°46'20"****(2000) : 7 04 04.85 -3 50 51****Type : ? Range : 10 - 15.5p Spect. ?**

Scale : 20" = 1mm

Unusual variable. Not a typical nova. Very red.



Plotted from GSC

Equinox : 2000

Mags: V (underlined) + prelim V from USNO-A2.0

Guide 7.0 plot. MM

This chart conforms with AAVSO chart 011002

VARIABLE STAR MEMORANDUM 104 2002 Jan. 14

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, B. Sumner, AAQ, A. Pearce, N.W. Taylor, N. J. Brown.

153252 IM Normae (Nova 1920,2002)

Type : Nb (nova)

Pos. : (1950) 15h35m42.4s -52°09'38"

(2000) 15 39 26.6 -52 19 19

Range : 8.3 - ?

W. Liller, Vina del Mar, Chile, has detected a new maximum by the old nova IM Normae = Nova Nor 1920..

On a total of five photographs (85mm f1.4 lens, Tech Pan film, orange filter) taken between Jan 10.3432 and Jan 10.3595 UT a star, apparently the old nova IM Normae, was found at red magn. 8.3. Subsequently found on earlier photos taken on Jan 3.3479 and Jan 3.3493 at mag. 8.5.

Spectrum: A low-dispersion objective prism spectrum taken Jan. 12.351 UT shows H-alpha to be very strong and relatively narrow with FWHM = 950 km/sec +/- 50. Other lines of the Balmer Series, the Fe II multiplets 42 and 74, and the O I at 777.1nm are also clearly present.

"d" chart for 1532-52 IM Normae

Scale : 20"/mm

Equinox : J2000

Source of plot : GSC

Magnitudes: V - Tycho-2 down to 9.9.

Below 9.9 - L.Loden sequence (field 2313),
Astron.Astrophys. Suppl. 41,173 (1980).

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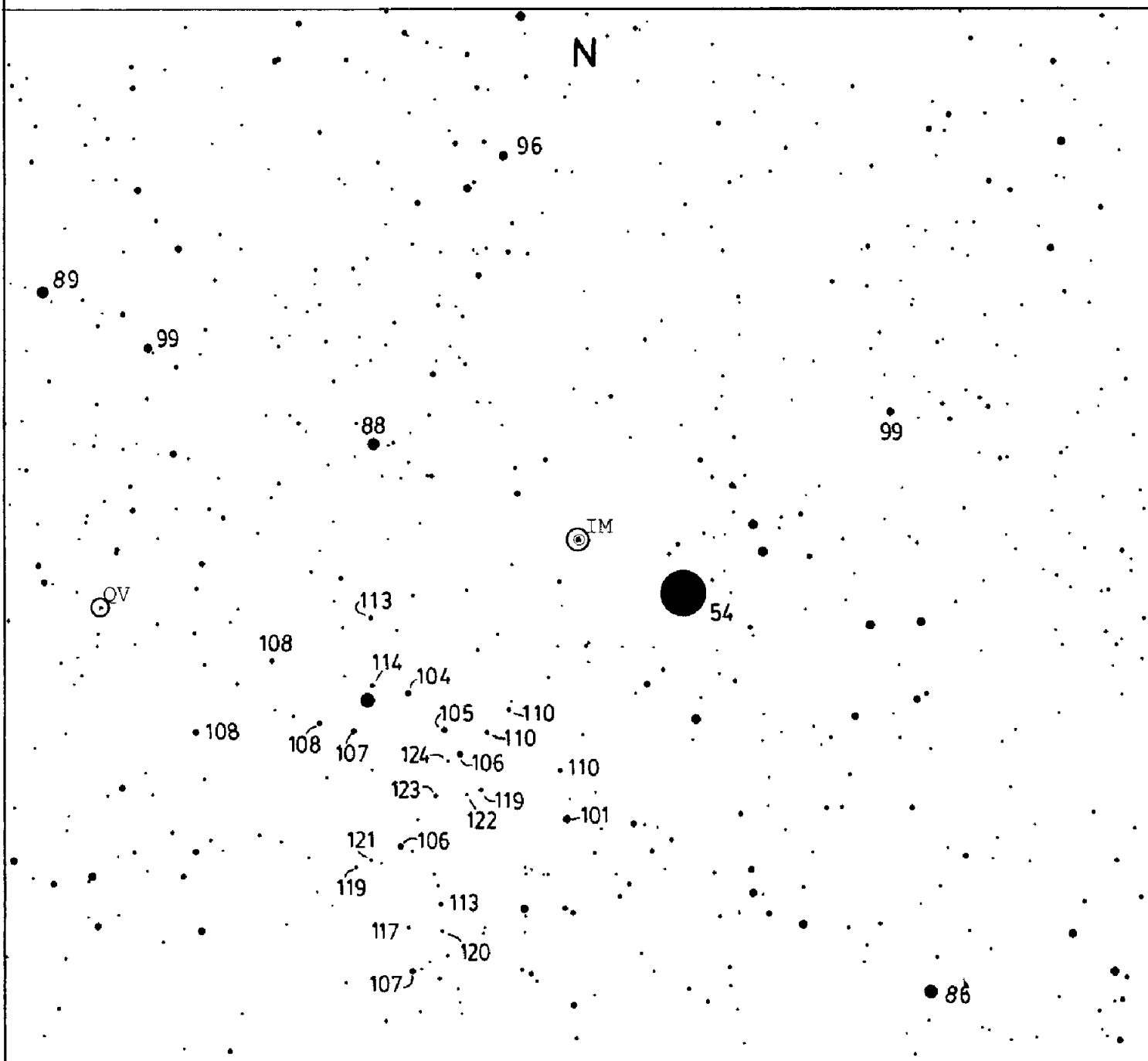
153252 IM Normae (Nova 1920,2002)

(1950) : 15h35m42.4s -52°09'38"

(2000) : 15 39 26.6 -52 19 19

Type : Nb Range : 9 - 20:p Spect. ?

Scale : 20" = 1mm



Plotted from GSC

Equinox :2000

Mags: V : Tycho2 + AsApSuppl 41,173 (1980)

Guide 7.0 plot. MM

VARIABLE STAR MEMORANDUM 105 2002 Jan. 26

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, B. Sumner, AAQ, A. Pearce, N.W. Taylor, N. J. Brown.

173116 Nova Ophiuchi 2002

Type : Nova

Pos. : (1950) 17h34m41.3s -16°21'39"
(2000) 17 37 34.6 -16 23 23

Range : 9.0 - 16.6p

Discovered independently by Katsumi
Haseda and Yuji Nakamura

Observations: Jan. 24.838 UT 9.0p (Haseda)

"d" chart for Nova Oph 2002.

Scale : 20"/mm

Equinox : J2000

Source of plot : GSC

Magnitudes: V - Tycho-2 .

Sequence adopted from AAVSO.

The nova appears to correspond to a star in the
USNO-A2.0 cat. mb = 16.6.

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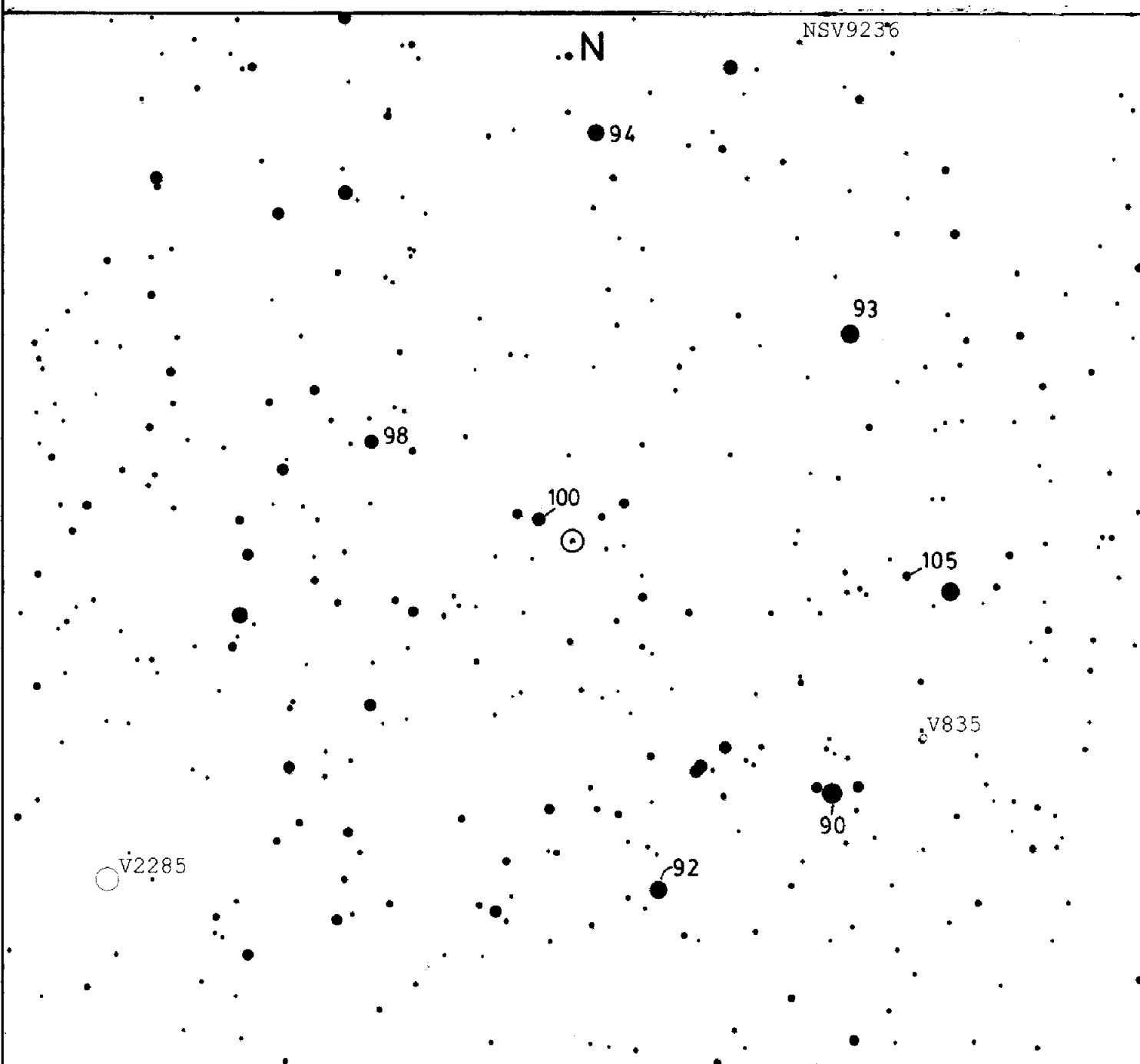
173116 Nova Ophiuchi 2002

(1950) : 17h34m41.3s -16°21'39"

(2000) : 17 37 34.6 -16 23 23

Type : N Range : 9.0 - ? Spect. ?

Scale : 20" = 1mm



Plotted from GSC

Equinox :2000

Mags: V

Guide 7.0 plot. MM

VARIABLE STAR MEMORANDUM 106 2002 Mar. 4

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, B. Sumner, AAQ, A. Pearce, N.W. Taylor, N. J. Brown.

053871 Nova LMC 2002

Type : Nova

Pos. : (1950) 05h37m32.9s -71°37'14"

(2000) 05 36 46.64 -71 35 34.4

Range : 10.5 - <15p

Discovered by W. Liller, Vina del Mar, Chile.

Observations: Feb. 27.0643 UT 12.5

27.0641 12.5

Mar. 3.0651 10.5

3.0677 10.5

(orange filter, Tech. Pan film. Liller).

"d" chart for Nova LMC 2002.

Scale : 20"/mm

Equinox : J2000

Source of plot : GSC + USNO-A2.0

Magnitudes: V - Tycho-2 .

-Gochermann et al (1993,1997)

- Lucke, P.B. (1972), sequence

for LH 110 (NGC 2103).

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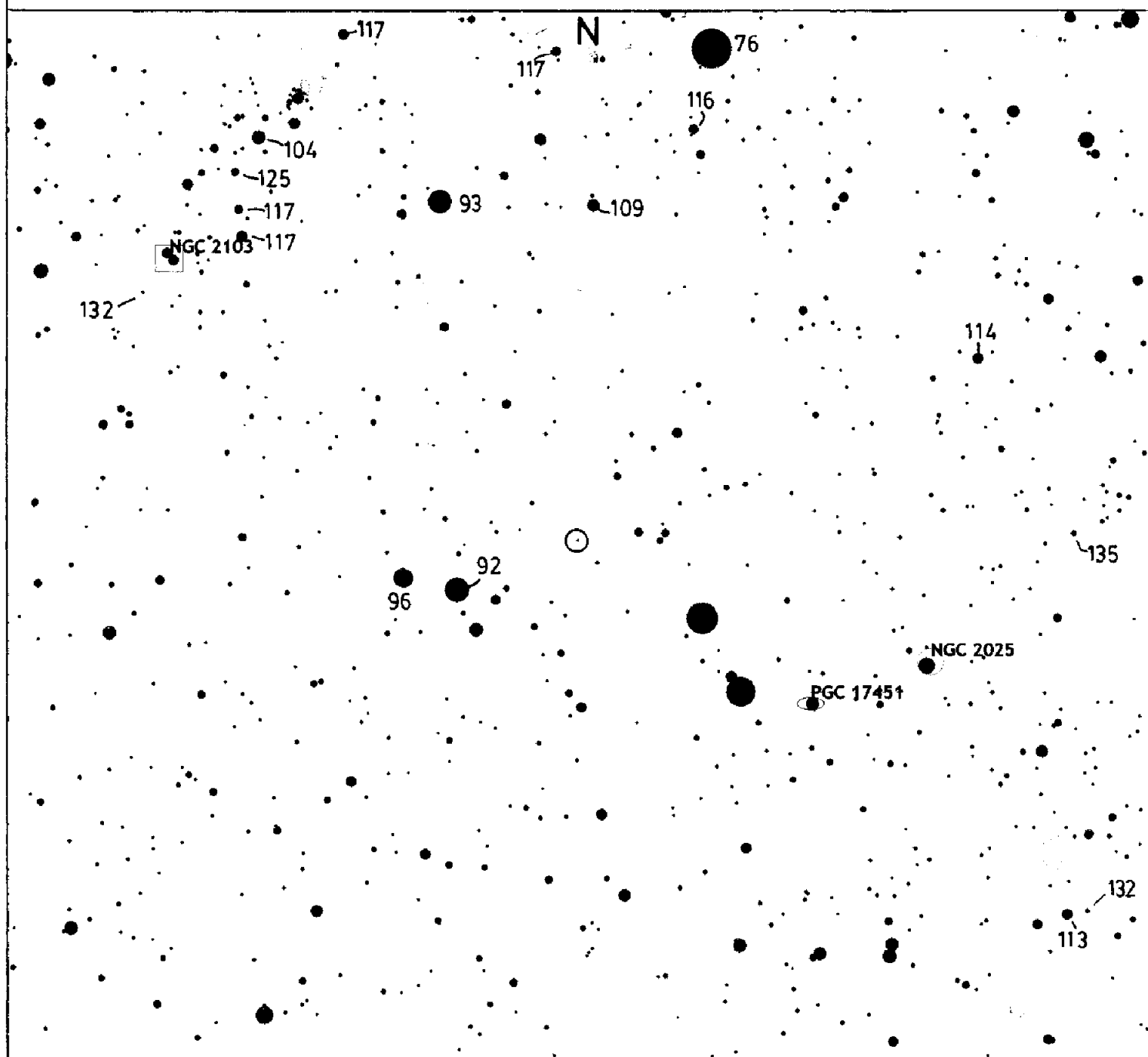
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053871 Nova LMC 2002

(2000) : 05h 36m 46.64s -71°35'34.4"

Type : N Range : 10.5 -<15p Spect. ?

Scale : 20" = 1mm



Plotted from GSC & USNO-A2.0

Equinox : 2000

Mags: V - Tycho2 + other published data.

Guide 8.0 plot. MM

VARIABLE STAR MEMORANDUM 107 2002 Mar. 15

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, B. Sumner, AAQ, A. Pearce, N.W. Taylor, N. J. Brown.

053871 Nova LMC 2002

Type : Nova

Pos. : (1950) 05h37m32.9s -71°37'14"
(2000) 05 36 46.64 -71 35 34.4

Range : 10.5 - <15p

Discovered by W. Liller, Vina del Mar, Chile.

Observation: Mar. 11.514 UT

.V	U-B	B-V	V-R	V-I	Air Mass
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12.04	-0.85	+0.14	+0.57	+0.85	1.43
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(courtesy A. Gilmore, Mt John Obs.)

"e" chart for Nova LMC 2002.

Scale : 10"/mm

Equinox : J2000

Source of plot : GSC + USNO-A2.0

Magnitudes: V - Tycho-2 .

- A.Gilmore, Mt. John Obs.

A = GSC 9171-01386 V = 12.74 B-V = 0.65

B = GSC 9170-02117 V = 11.97 B-V = 0.79

C = GSC 9171-01372 V = 12.30 B-V = 0.63

(courtesy A. Gilmore)

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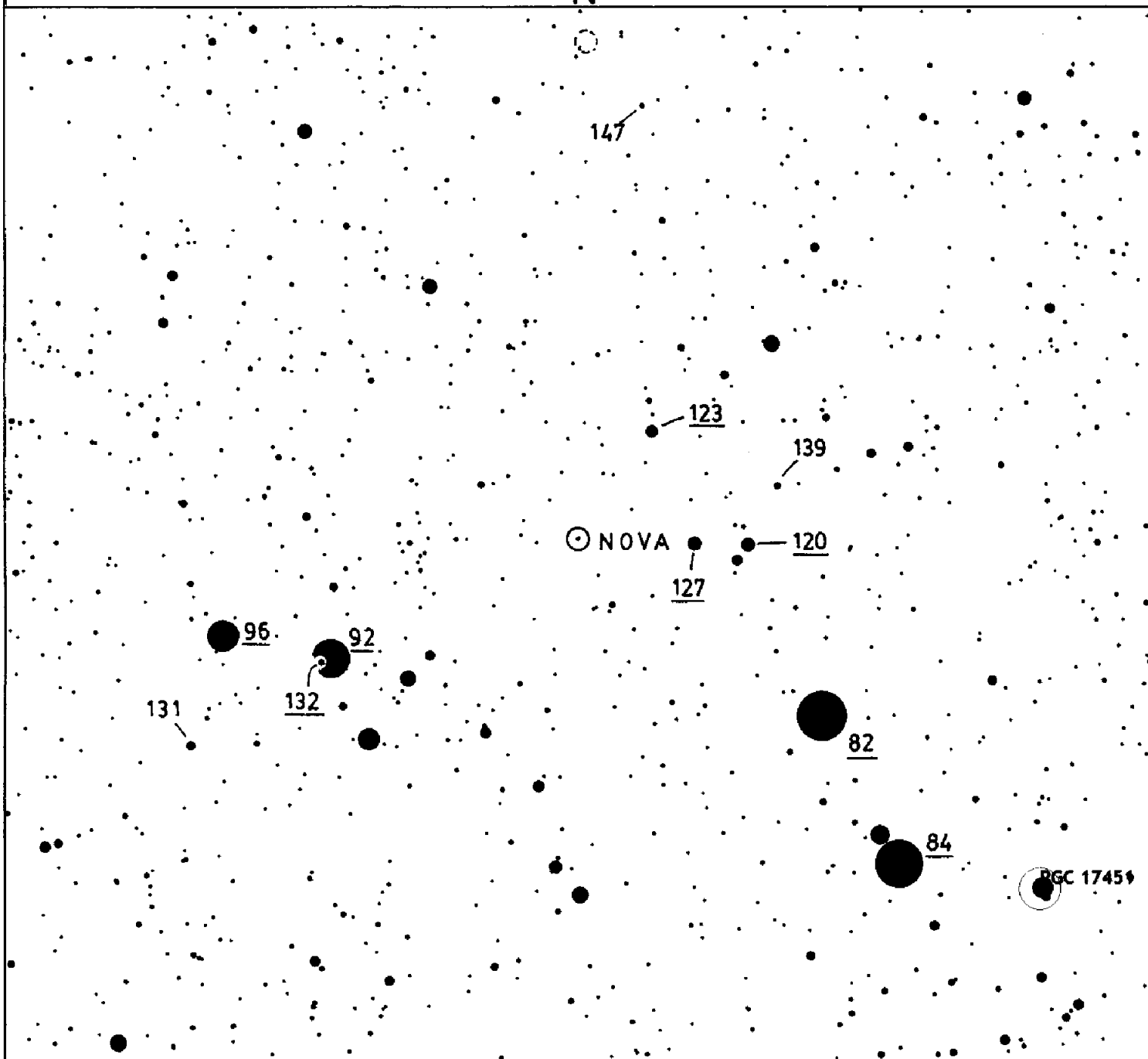
053871 Nova LMC 2002

(2000) : 05h 36m 46.64s -71°35'34.4"

Type : N Range : 10.5 -<15p Spect. ?

Scale : 10" = 1mm

N



Plotted from GSC & USNO-A2.0

Equinox : 2000

Mags: V - Tycho2, A. Gilmore pep. Others provisional v from USNO-A2.0

Guide 8.0 plot. MM

VARIABLE STAR MEMORANDUM 108 2002 Apr. 16

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, B. Sumner, AAQ, A. Pearce, N.W. Taylor, N. J. Brown.

175330 Nova Sagittarii 2002

Type : Nova

Pos. : (1950) 17h56m45.9s -30°53'13"

(2000) 17 59 59.6 -30 53 21

Range : 10.1v - ?p

Discovered by W.Liller, using Tech Pan
film and orange filter on films of
Apr.15.

Observationss: April 11.40 UT <11.5
April 15.354 9.2R

Paulo Cacella of Brazil has measured the
precise position, and estimated it at
10.1V

"d" chart for Nova Sgr 2002.

Scale : 20"/mm

Equinox : J2000

Source of plot : GSC

Magnitudes: V - Tycho-2 .

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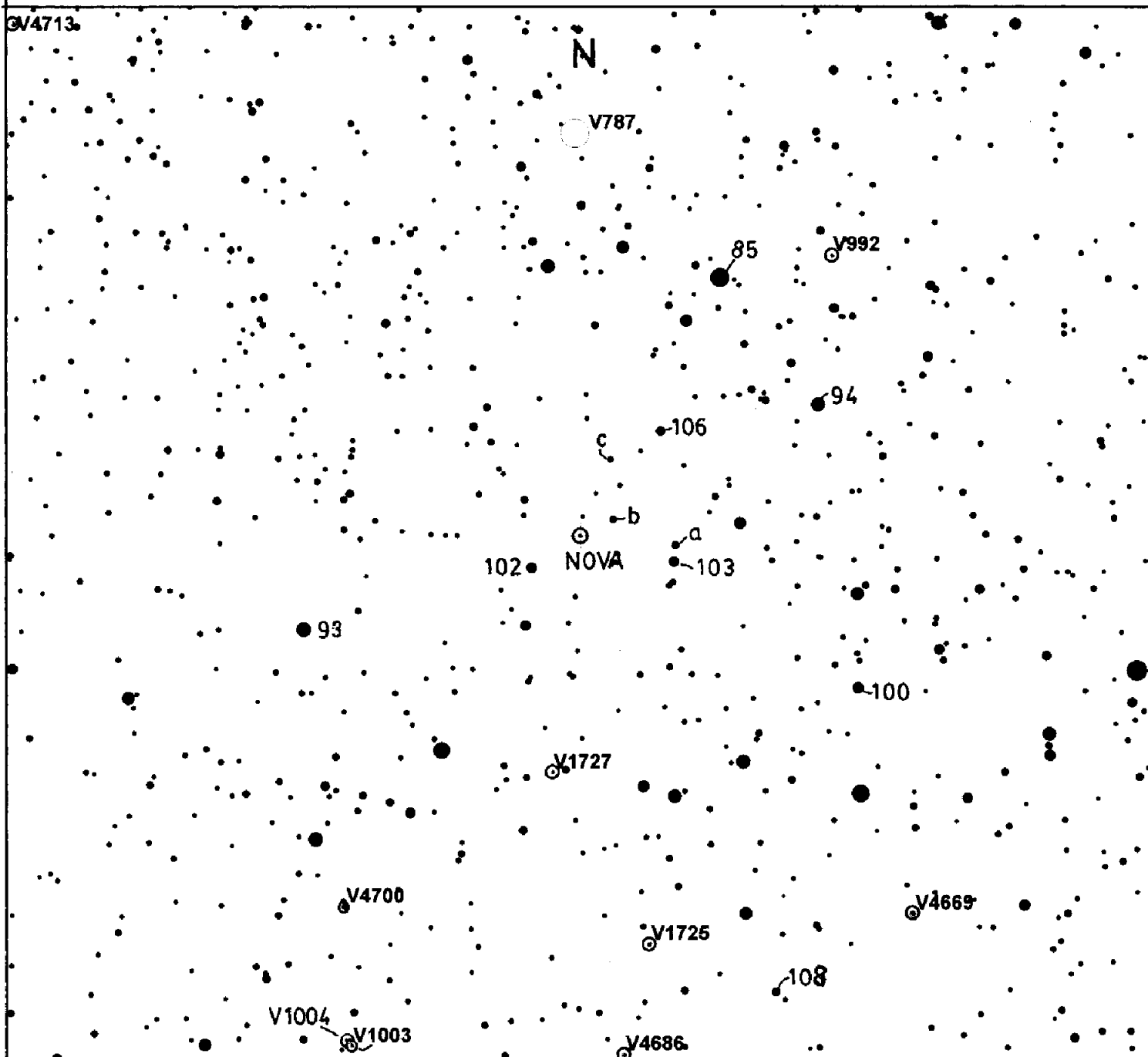
175330 Nova Sagittarii 2002

(1950) : 17h56m45.9s -30°53'13"

(2000) : 17 59 59.6 -30 53 21

Type : N Range : 10.1 - ? Spect. ?

Scale : 20" = 1mm



Plotted from GSC

Equinox :2000

Mags: V - Tycho 2

Guide 8.0 plot. MM

VARIABLE STAR MEMORANDUM 109 2002 Sep 16

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, B. Sumner, AAQ, A. Pearce, N.W. Taylor, N. J. Brown.

175625 Nova Sagittarii 2002 No.2

Type : Nova

Pos. : (1950) 17h59m16.7s -25°20'34"

(2000) 18 02 22.1 -25 20 30

Range : 8.1R- ?

Discovered by W.Liller, using Tech Pan
film and orange filter on films of
Sept. 15.

Observations : Sept.11.12 UT <11.5
Sept 15.110-15.124 8.5R

Confirmed by several observers on Sept
16, estimates varying from 7.9 to 8.1v.

See LAUC 7971.

"d" chart for Nova Sgr 2002 No. 2

Scale : 20"/mm

Equinox : J2000

Source of plot : Guide8/ GSC-ACT

Magnitudes: V - Tycho-2 + HIC

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175625 Nova Sgr 2002 No. 2

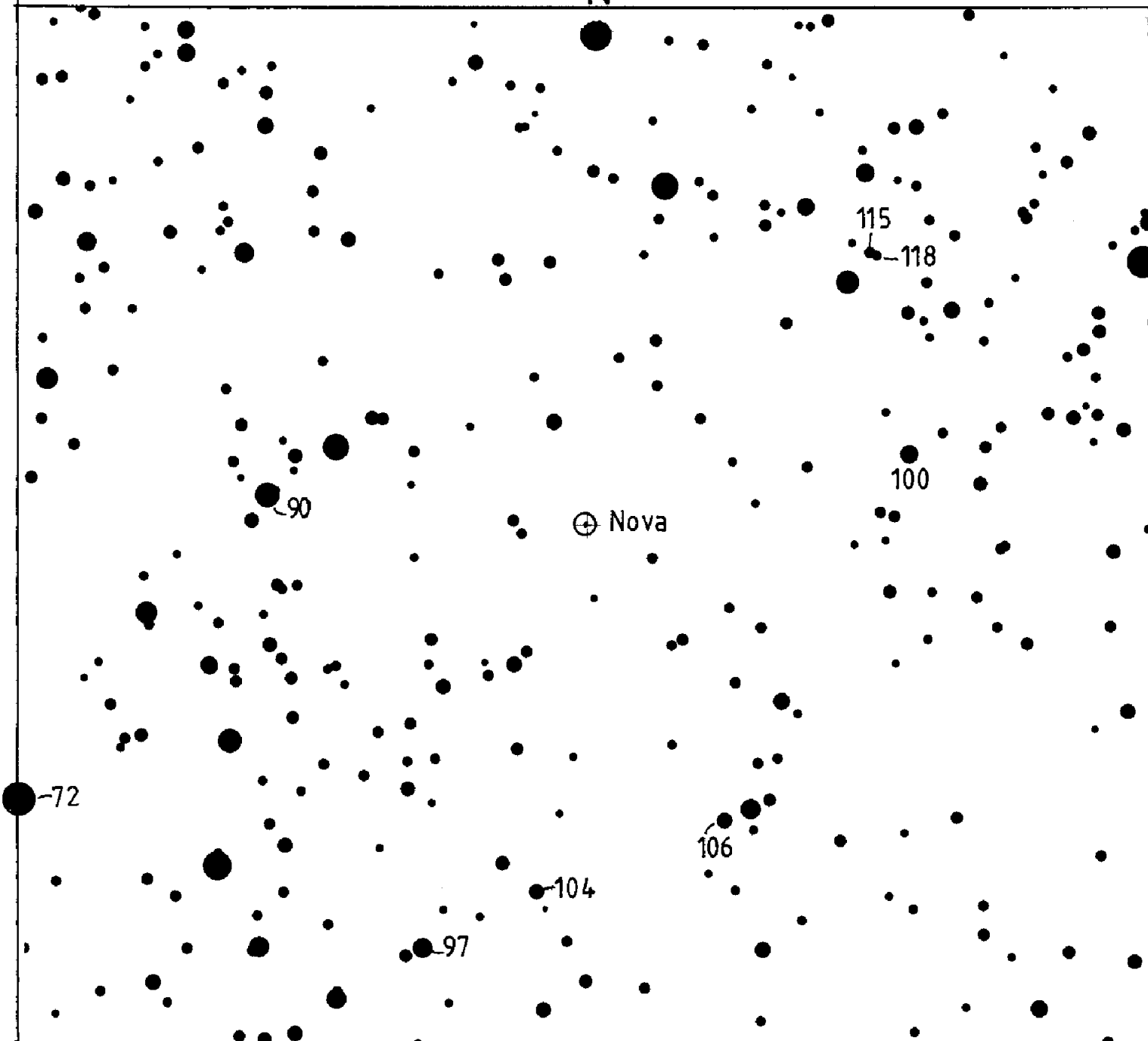
(1950) : 17h59m16.7s -25°20'34"

(2000) : 18 02 22.1 -25 20 30

Type : N Range : 8.1 - ? Spect. ?

Scale : 20" = 1mm

N



Plotted from GSC

Equinox :2000

Mags: V - HIC + Tycho 2

Guide 8.0 plot. MM

VARIABLE STAR MEMORANDUM 110 2002 Sep 22

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, B. Sumner, AAQ, A. Pearce, N.W. Taylor, N. J. Brown.

185522 Nova Sagittarii 2002 No.3

Type : Nova

Pos. : (1950) 18h58m9.5s -22°04'24"
(2000) 19 01 09.4 -22 00 06

Range : 6- ?

Katsumi Haseda (Aichi, Japan) reported discovery of a bright stellar object on a single film taken on 2002 Sep 20.431 UT. Several observers have confirmed it, and spectroscopic observations verify it as a nova shortly past maximum brightness. The nova has been identified with a faint star present in several survey catalogues. It is in the USNO-A2.0 catalogue at 19h01m09.321s -22°00'6.17", $m_r = 16.7$, $m_b = 17.0$, $m_v = 16.8$.

Chart for Nova Sgr 2002 No. 3

Scale : $1^\circ = 36\text{mm}$

Equinox : J2000

Source of plot : Guide8/ GSC-ACT

Magnitudes: V - Tycho-2 + HIC

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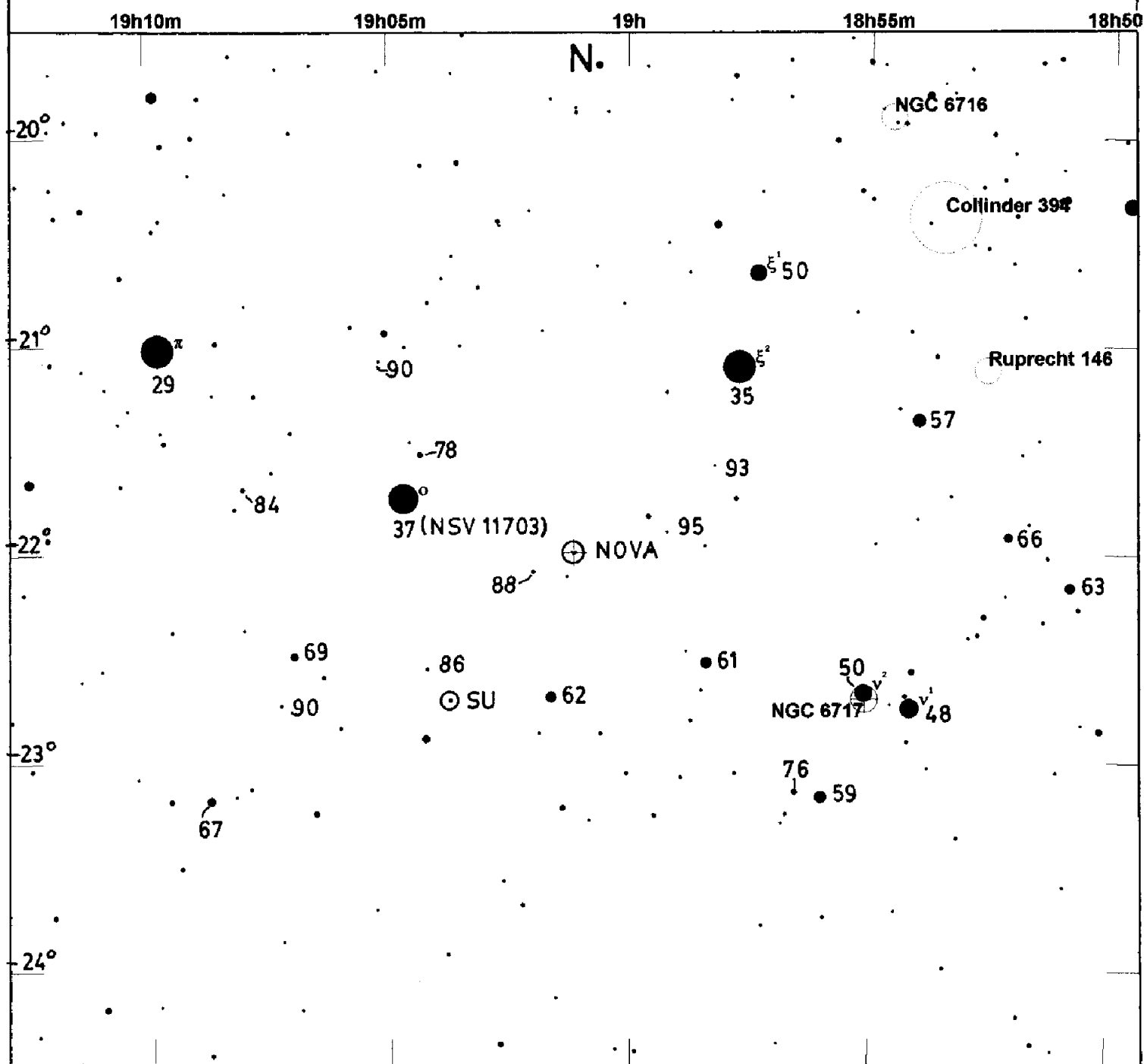
185522 Nova Sgr 2002 No. 3

(1950) : 18h58m09.5s -22°04'24"

(2000) : 19 01 09.4 -22 00 06

Type : N Range : 6 - ? Spect. ?

Scale : 1° = 36mm



Plotted from GSC

Equinox : 2000

Mags: V - HIC + Tycho 2

Guide 8.0 plot. MM

VARIABLE STAR MEMORANDUM 111 2002 Oct. 8

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, B. Sumner, AAQ, A. Pearce, N.W. Taylor, N. J. Brown.

175625 V4742 Sgr = Nova Sgr 2002
No.2

Type : Nova
Pos. : (1950) 17h59m16.7s -25°20'34"
(2000) 18 02 22.1 -25 20 30

Range : 8.1R- ?
Discovered by W.Liller, using Tech Pan
film and orange filter on films of
Sept.15.

Observations: Sept.11.12 UT <11.5
Sept 15.110-15.124 8.5R

Now officially named V4742 Sgr.

"e" chart for V4742 Sgr

Scale : 10"/mm
Equinox : J2000
Source of plot : Guide8/ GSC-ACT
Magnitudes: V - A. Henden

M. Morel

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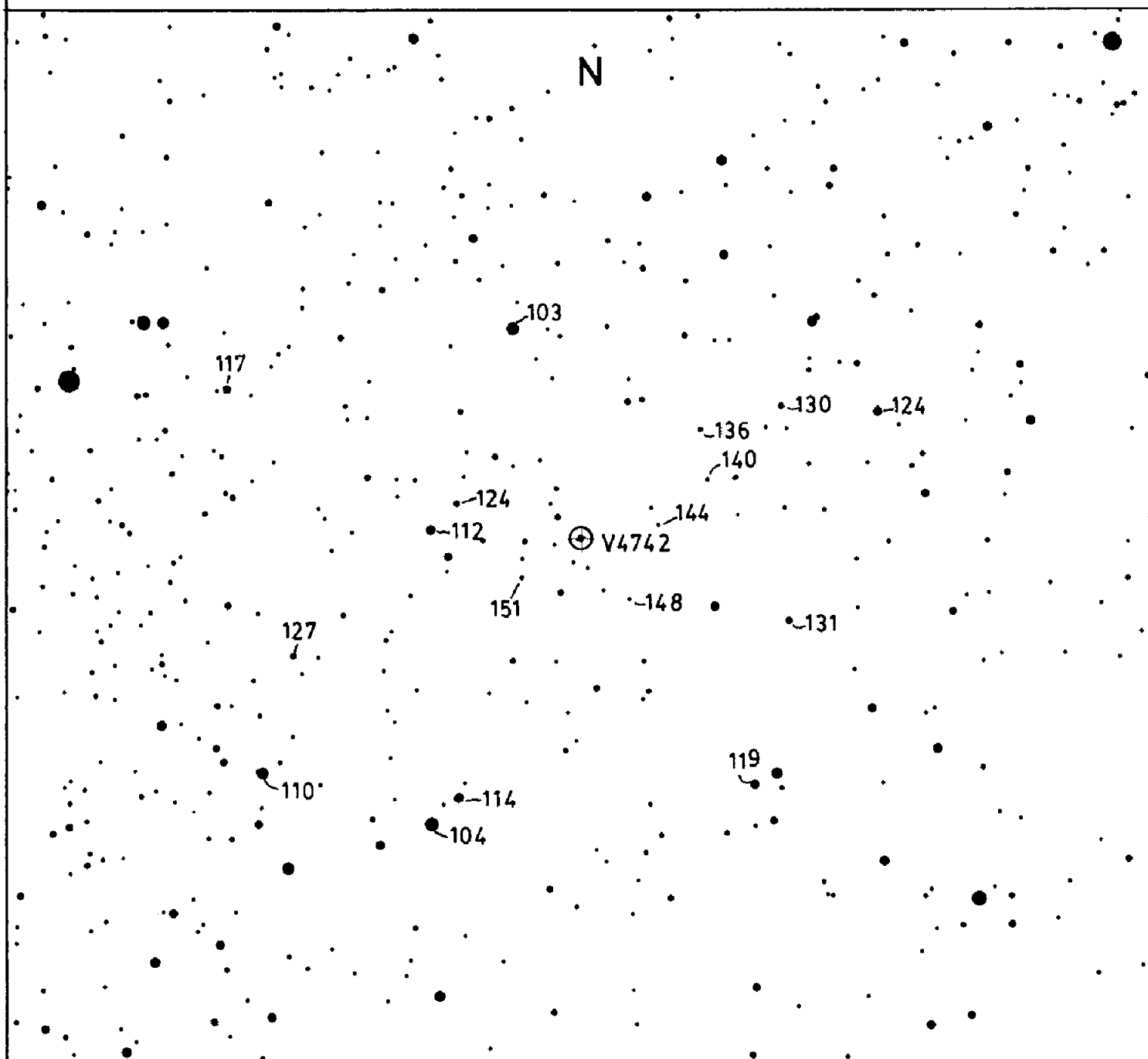
175625 V4742 Sgr (Nova 02 No. 2)

(1950) : 17h59m16.7s -25°20'34"

(2000) : 18 02 22.1 -25 20 30

Type : N Range : 8.1 - ? Spect. ?

Scale : 10" = 1mm



Plotted from GSC & USNO-A2.0

Equinox : 2000

Mags: V - A. Henden

Guide 8.0 plot. MM

VARIABLE STAR MEMORANDUM 112 2002 Oct. 8

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, B. Sumner, AAQ, A. Pearce, N.W. Taylor, N. J. Brown.

185522 V4743 Sgr = Nova Sgr 2002
No.3

Type : Nova

Pos. : (1950) 18h58m9.5s -22°04'24"
(2000) 19 01 09.4 -22 00 06

Range : 6- ?

Katsumi Haseda (Aichi, Japan) reported discovery of a bright stellar object on a single film taken on 2002 Sep 20.431 UT. Several observers have confirmed it, and spectroscopic observations verify it as a nova shortly past maximum brightness. The nova has been identified with a faint star present in several survey catalogues. It is in the USNO-A2.0 catalogue at 19h01m09.321s -22°00'6.17", $m_r = 16.7$, $m_b = 17.0$, $m_v = 16.8$.

Now officially named V4743 Sgr.

"e" chart for V4743 Sgr

Scale : 10" = 1mm

Equinox : J2000

Source of plot : Guide8/ GSC-ACT

Magnitudes: V - A. Henden

M. Morel

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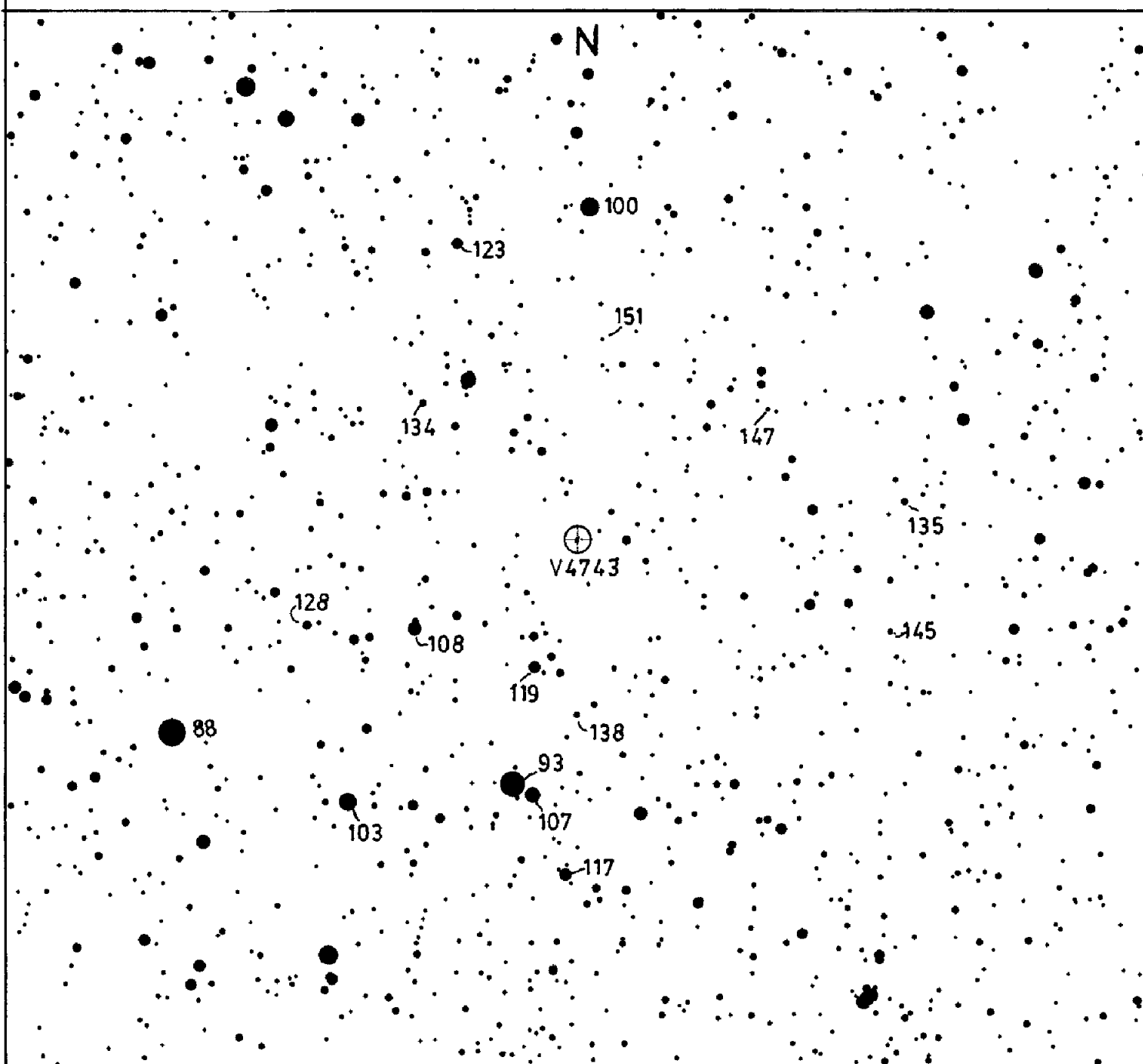
185522 V4743 Sgr (Nova 02 No. 3)

(1950) : 18h58m09.5s -22°04'24"

(2000) : 19 01 09.4 -22 00 06

Type : N Range : 6 - ? Spect. ?

Scale : 10" = mm



Plotted from GSC & USNO- A2.0

Equinox :2000

Mags: V - A. Henden

Guide 8.0 plot. MM

VARIABLE STAR MEMORANDUM 113 2002 Oct. 20

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, B. Sumner, AAQ, A. Pearce, N.W. Taylor, N. J. Brown.

0053-73 Nova SMC 2002

Type : Nova

Pos. : (1950)

(2000) 00:56:30.49 -72 36 29.1
(courtesy Berto Monard)

Range : 12.3r-

W. Liller reports discovery of an apparent nova in the SMC on films taken on 2002 Oct. 16.20 UT. The nova is very close to a faint star present in several survey catalogues. It is in the 2MASS catalogue at 0h56m30.47 -72°36'28.5". This is presumably an optical companion..

Maximum brightness may have been missed.

"e" chart for 0053-73 Nova SMC 2002

Scale : 10" = 1mm

Equinox : J2000

Source of plot : Guide8/ GSC-ACT + USNO-A2.0

Magnitudes: V

M. Morel

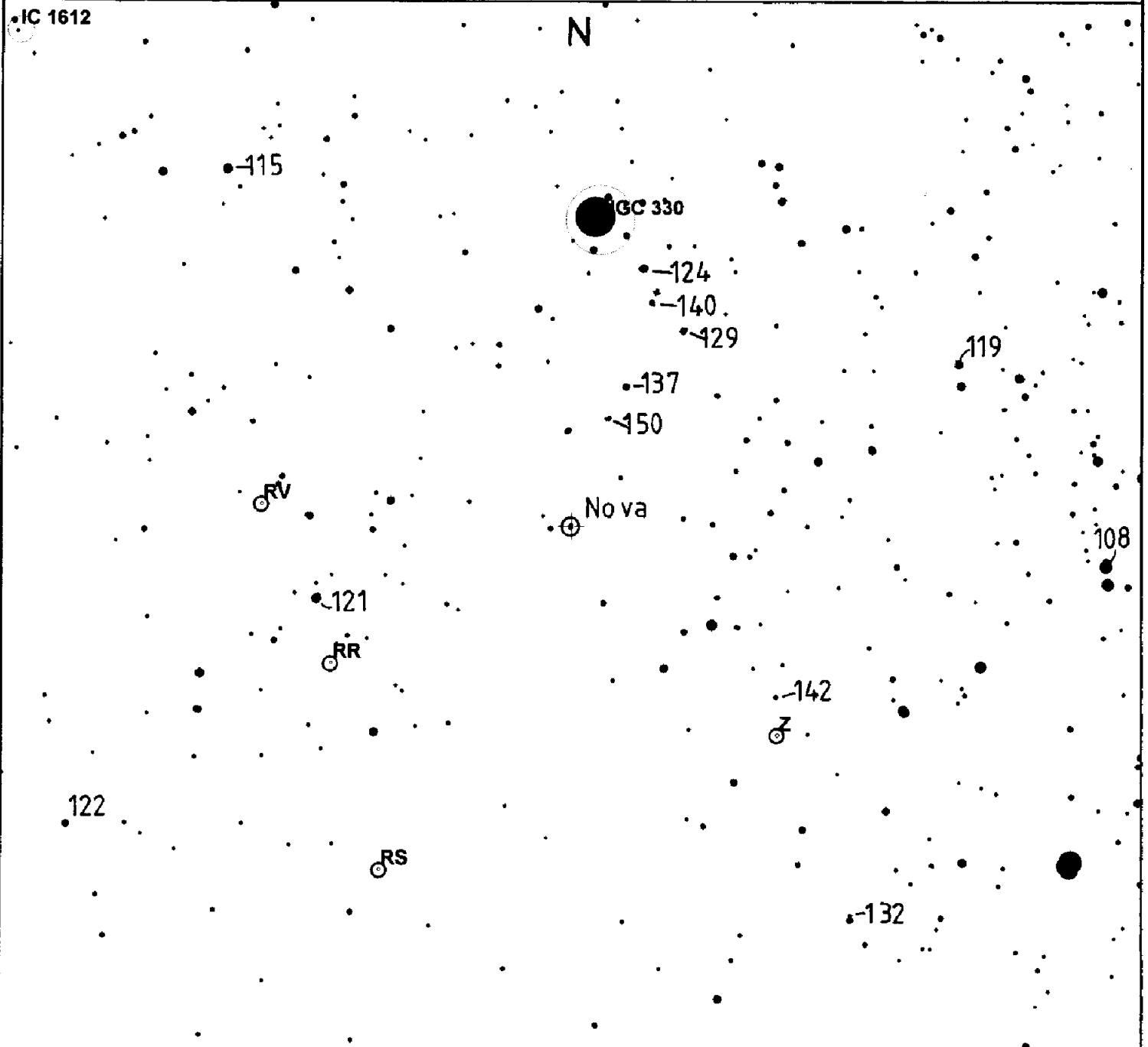
The information in this Memo. is provisional and subject to confirmation or refinement. Report chart problems to MM. Report observations to VSS, RASNZ, PO Box 3093, Greerton, Tauranga, New Zealand, according to instructions in "The Observation of Variable Stars". This VSM was prepared by MM, from information gleaned from internet sources, such as VSNet.
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005373 Nova SMC 2002

(2000) : 00h56m30.49s -72°36'29".1

Type : N Range : 12.3 - ? Spect. ?

Scale : 10" = mm



Plotted from GSC & USNO- A2.0

Equinox :2000

Mags: V

Guide 8.0 plot. MM

VARIABLE STAR MEMORANDUM 114 2002 Oct. 28

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, B. Sumner, AAQ, A. Pearce, N.W. Taylor, N. J. Brown.

174123 Nova Sgr 2002 No.4

Type : Nova

Pos.: (1950) 17h44m19.00s -23°27'19.6"

(2000) 17 47 21.63 -23 28 21.4

Range : 9.7R - ?

Discovered by V. Tabur, on unfiltered
CCD images taken with 100mm
telephoto lens on Oct. 25.44 and 25.48

Observations: Oct .21.1 UT <11.5R (Liller)

Oct 25.44 UT 9.7R (Tabur)

Chart for 174123 Nova Sgr 02 No. 4

Scale : 1° = 87mm

Equinox : J2000

Source of plot : Guide8/ GSC +
USNO-A2.0

Magnitudes: V - Tycho-2

Preliminary chart by M. Simonsen.

See IAUC 8001 for details.

M. Morel

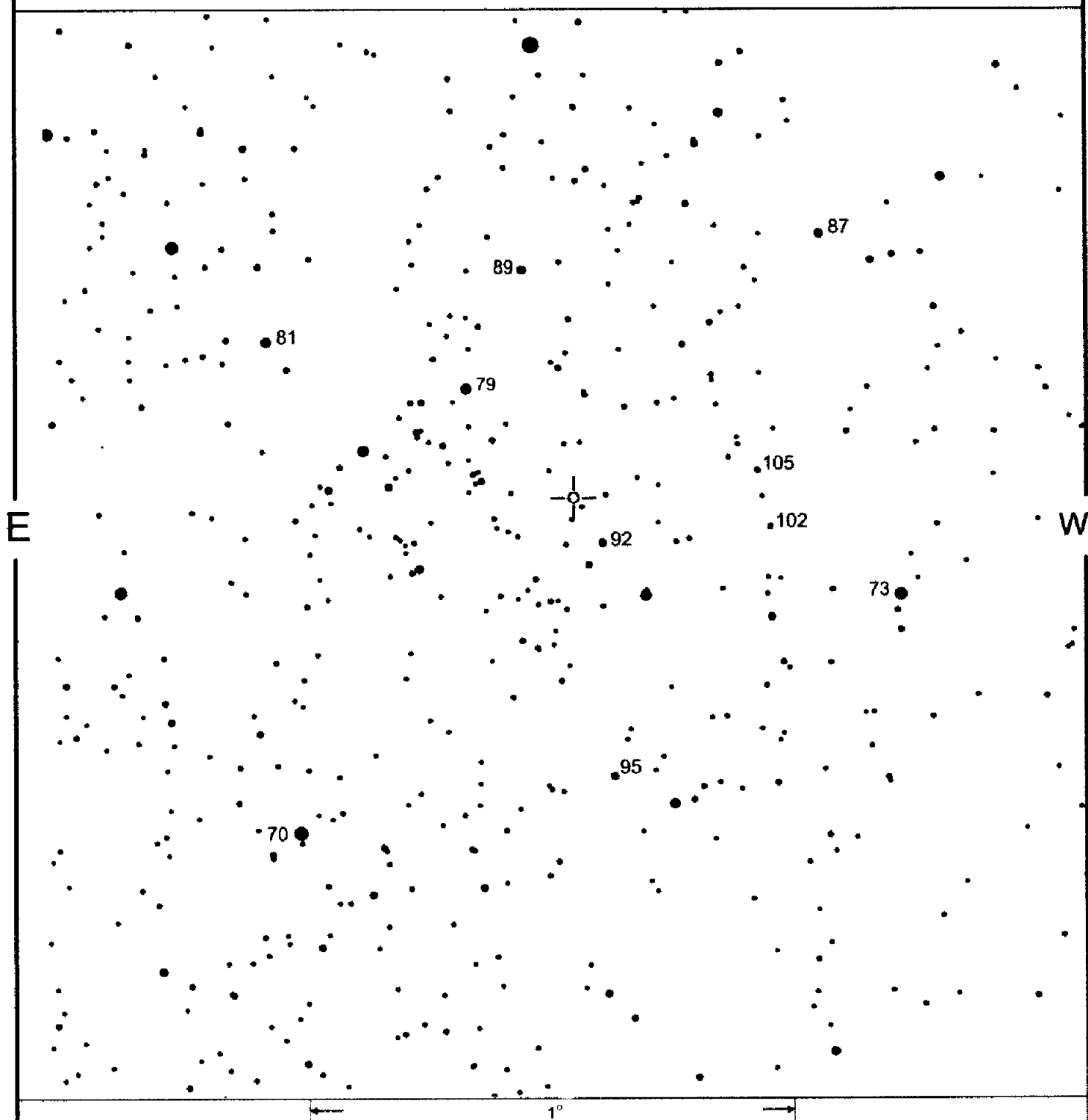
The information in this Memo. is provisional and subject to confirmation or refinement. Report chart problems to MM. Report observations to VSS, RASNZ, PO Box 3093, Greerton, Tauranga, New Zealand, according to instructions in "The Observation of Variable Stars". This VSM was prepared by MM, from information gleaned from internet sources, such as VSNet.
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N

174123

Nova Sgr 4 02

(2000) 17h 47m 21.63s -23° 28' 21.4"

NORTH UP
CHART
021028

Drawn by M. Simonsen from Guide 8 and USNO A2.0
Sequence: M. Simonsen from Tycho 2 (V)

S

VARIABLE STAR MEMORANDUM 115 2002 Nov. 3

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, B. Sumner, AAQ, A. Pearce, N.W. Taylor, N. J. Brown.

174123 V4744 Sgr = Nova Sgr 2002
No.4

Type : Nova
Pos.: (1950) 17h44m19.00s -23°27'19.6"
(2000) 17 47 21.63 -23 28 21.4

Range : 9.7R - ?
Discovered by V. Tabur, on unfiltered
CCD images taken with 100mm
telephoto lens on Oct. 25.44 and 25.48

Observations: Oct .21.1 UT <11.5R (Liller)
Oct 25.44 UT 9.7R (Tabur)

"f" Chart for 174123 V4744 Sgr

Scale : 5" = 1mm
Equinox : J2000
Source of plot : Guide8/ GSC +
USNO-A2.0
Magnitudes: V - A. Henden

Now officially named V4744 Sgr.

See IAUC 8001 and 8003.

M. Morel

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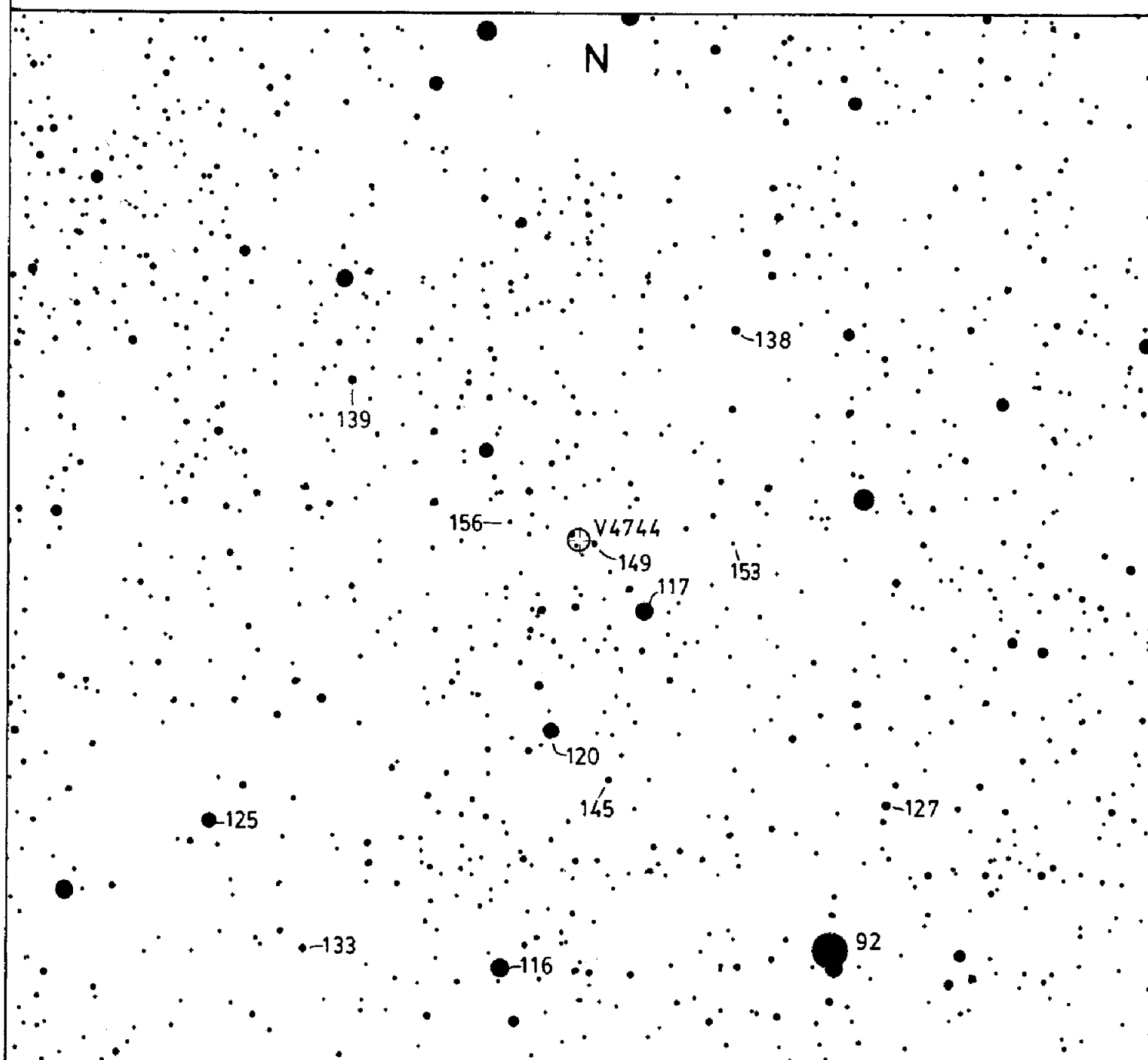
174123 V4744 Sgr (Nova 02 No. 4)

(1950) : 17h44m19.00s -23°27'19.6"

(2000) : 17 47 21.63 -23 28 21.4

Type : N Range : 9.7r - ? Spect. ?

Scale : 5"=1mm



Plotted from GSC & USNO- A2.0

Equinox :2000

Mags: V - A. Henden

Guide 8.0 plot. MM

VARIABLE STAR MEMORANDUM 116 2003 Apr 29

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, N.W. Taylor, N. J. Brown

183333 Nova Sagittarii 2003

Type : Nova

Pos. : (1950) 18h36m45.3s -33°29'42"
(2000) 18 40 2.5 -33 26 55

Range : 8.9 - ?

Discovered simultaneously by Nicholas J. Brown (Quinns Rocks, WA, T-Max 400 film) and Minoru Yamamoto (Doi-machi, Okazaki, Japan, 200mm f/4 camera lens).

Observations: April 25.73 UT 8.9 (Brown)
April 26.735 9.6
(Yamamoto)
April 26.67 8.5v Brown

See IAUC 8123.

"e" chart for Nova Sgr 2003

Scale : 10"/mm

Equinox : J2000

Source of plot : Guide8/ GSC-ACT

Magnitudes: V - Tycho-2

M. Morel

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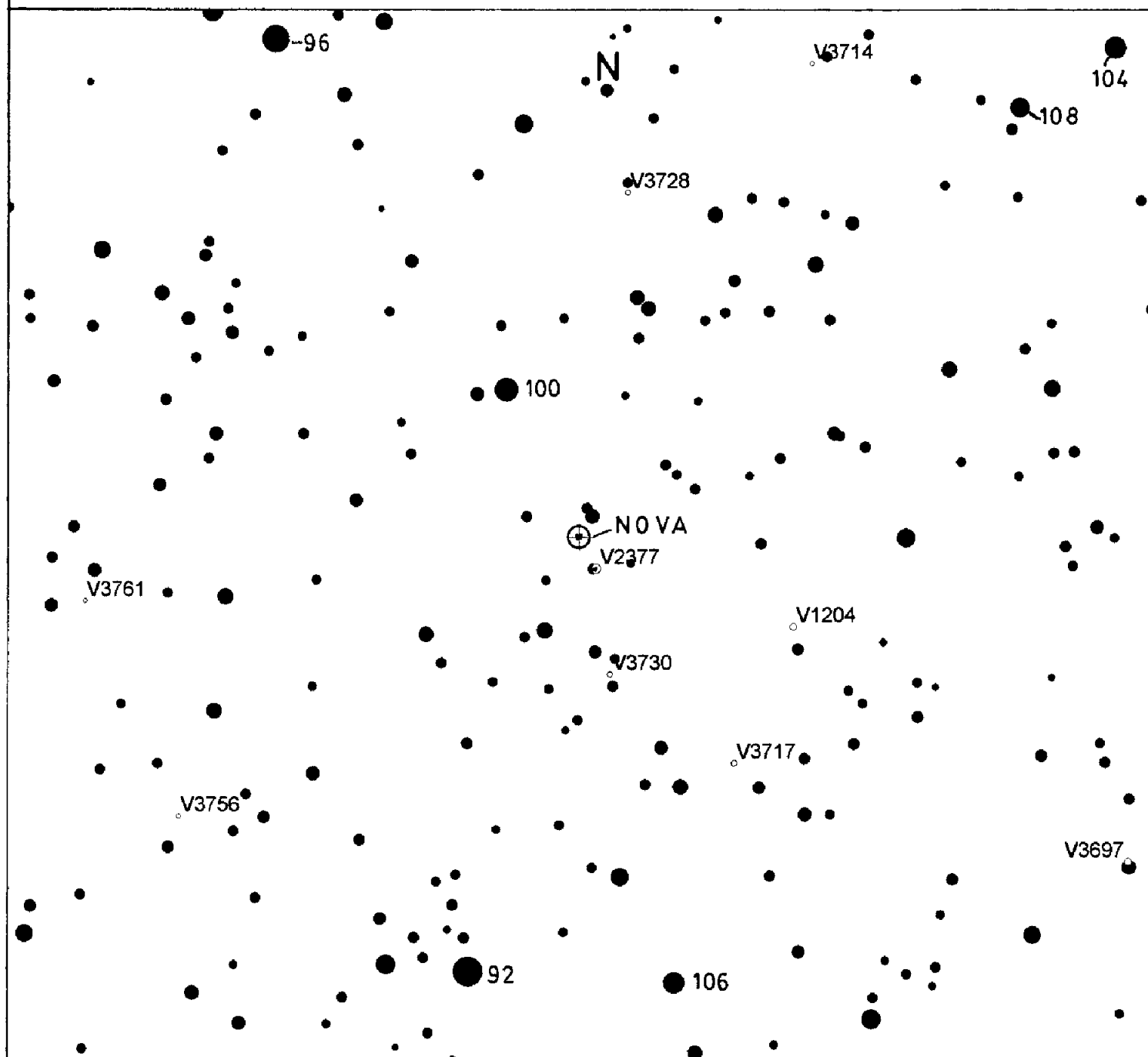
183333 Nova Sgr 2003

(1950) : 18h36m45.3s -33°29'42"

(2000) : 18 40 2.5 -33 26 55

Type : N Range : 8.9 - ? Spect. ?

Scale : 10" = 1mm



Plotted from GSC

Equinox : 2000

Mags: V - Tycho 2

Guide 8.0 plot. MM

VARIABLE STAR MEMORANDUM 117 2003 May 9

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, N.W. Taylor, N. J. Brown

183333 V4745 Sagittarii (Nova Sgr)

Type : Nova

Pos. : (1950) 18h36m45.3s -33°29'42"
(2000) 18 40 2.5 -33 26 55

Range : 8.9 - ?

Discovered simultaneously by Nicholas J. Brown (Quinns Rocks, WA, T-Max 400 film) and Minoru Yamamoto (Doi-machi, Okazaki, Japan, 200mm f/4 camera lens).

Observations: April 25.73 UT 8.9 (Brown)
April 26.735 9.6
(Yamamoto)
April 26.67 8.5v Brown

See IAUC 8123.

Nova Sgr 2003 = V4745 Sgr.

"f" chart for V4745 Sgr

Scale : 5"/mm

Equinox : J2000

Source of plot : GSC-ACT +
USNO-A2.0

Magnitudes: V - Tycho-2 + UCAC1

[Magnitudes on the UCAC1 system cover the wavelength band 579-642nm. This falls within the broadband V, but at the red end. For the purposes of visual work UCAC1 mags can be regarded as visual magnitudes. On the chart (page 2) all mags below 11.8 are on the UCAC1 system.]

M. Morel

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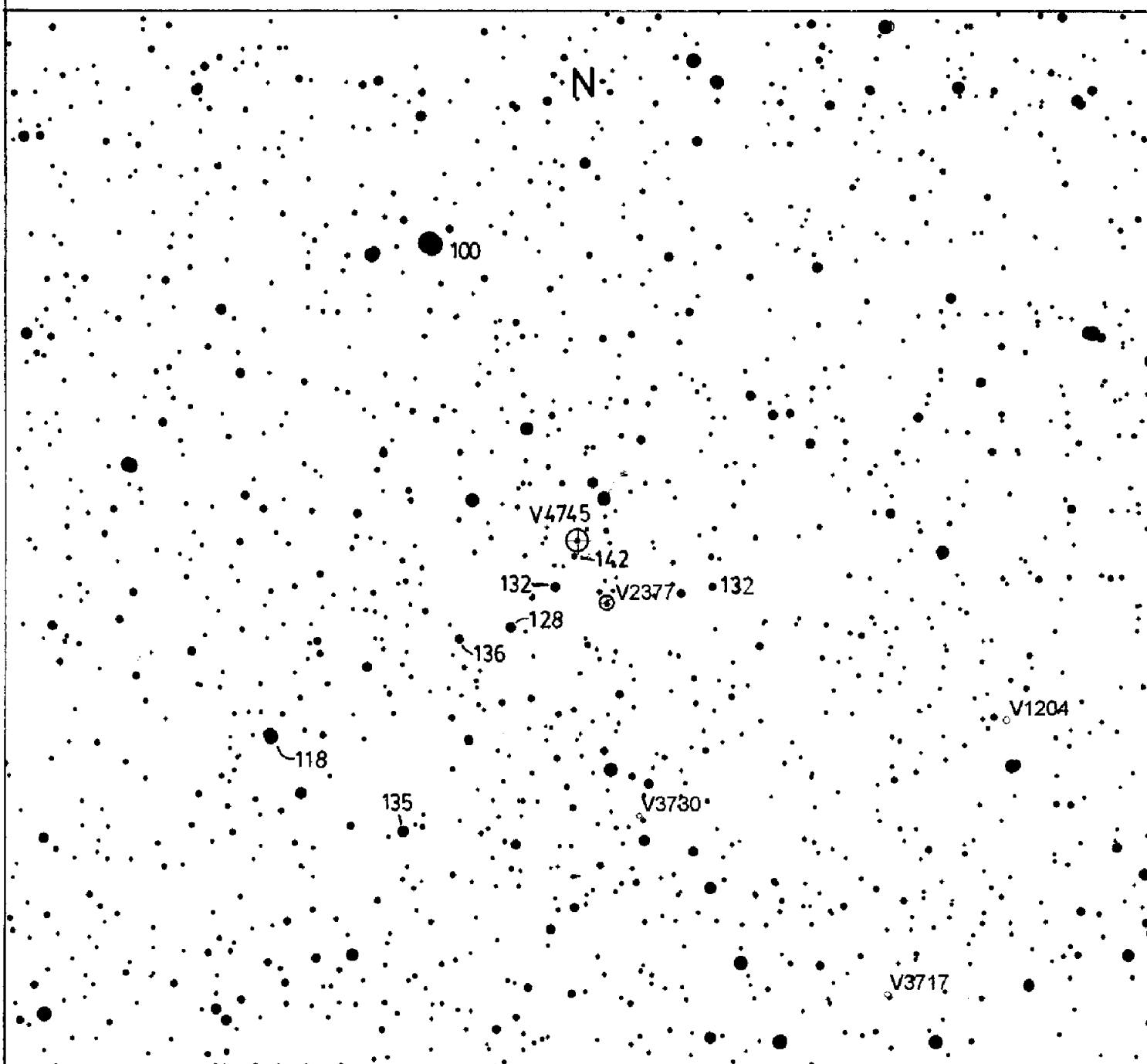
183333 V4745 Sgr (Nova 2003)

(1950) : 18h36m45.3s -33°29'42"

(2000) : 18 40 2.5 -33 26 55

Type : N Range : 8.9 - ? Spect. ?

Scale : 5" = 1mm



Plotted from GSC & USNO-A2.0

Equinox : 2000

Mags: V - Tycho-2 + UCAC1

Guide 8.0 plot. MM

VARIABLE STAR MEMORANDUM 118 2003 Jun. 20

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, N.W. Taylor, N. J. Brown

050868 Nova (?) LMC 2003

Type : Nova-like?

Pos. : (1950) 05h08m36.98s -68°30'5.5"
(2000) 05 08 25.59 -68 26 22.3

Range : 11.0 - 15p

Discovered by W. Liller, Vina del Mar,
Chile.

Observation: June. 17.98 UT 11.0C Liller
20.458 12.3v A.Pearce

Initially reported as a possible nova, this object appears to have been recorded in previous surveys as a star of magnitude 14-15. The apparent amplitude is too small for an LMC nova. It is not even certain that the object belongs to the LMC; it could be a foreground star which has undergone an eruption of some sort.

Liller's CCD magnitude of 11.0 is an unfiltered value, really a red magnitude.

Andrew Pearce's estimate is probably close to the mark for visual mags.

"d" chart for Nova (?) LMC 2003.

Scale : 20"/mm

Equinox : J2000

Source of plot : GSC + USNO-A2.0

Magnitudes: V - various sources .

M. Morel

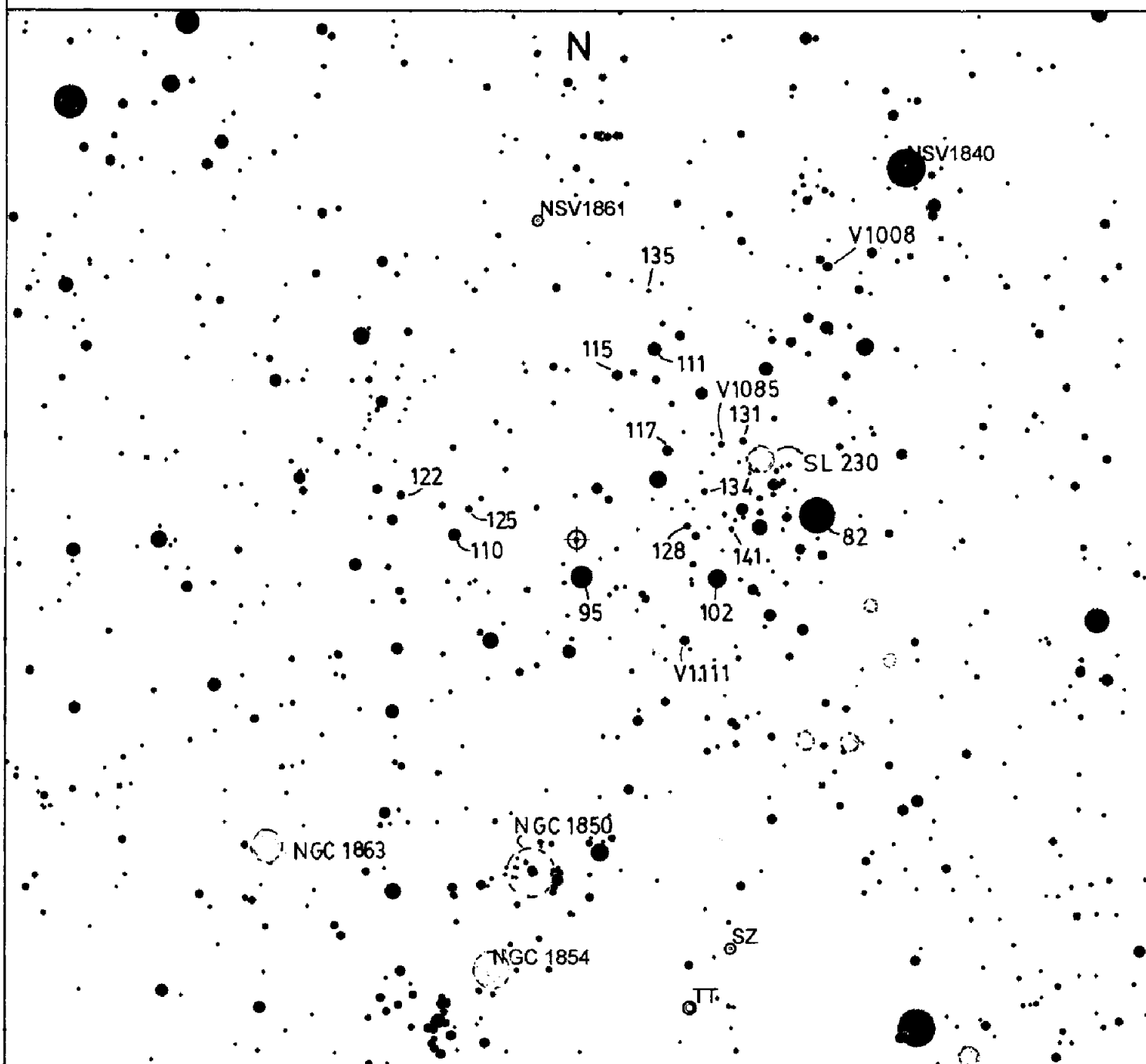
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050868 Nova(?) LMC 2003

(2000) : 05h 08m 25.59s -68°26'22.3"

Type : NL? Range : 11.0 - 15p Spect. ?

Scale : 20" = 1mm



Plotted from GSC & USNO-A2.0

Equinox : 2000

Mags: V - Various sources

Guide 8.0 plot. MM

VARIABLE STAR MEMORANDUM 119 2003 July 18

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, N.W. Taylor, N. J. Brown

171227 Nova Oph 2003

Type : Nova

Pos. : (1950) 17h16m06.6s -27°19'32"
(2000) 17 19 14.11 -27 22 35.4

Range : 10.6 - ?

Discovered by Akira Takao, Kitakyushu,
Japan, and Vello Tabur, ACT, Australia.

Confirmed by ASAS-3 data.

Observation: June. 26 UT 10.6V (ASAS-3)
(apparent maximum?).

Discovered by Akira Takao on unfiltered CCD
frames taken on UT July 10.598 (11.4) and
16.523 (11.2). Detected previously by Vello
Tabur between UT Mar. 21.600 (12.9) and July
5.574 (9.8) but not considered urgent due its
continuing presence on CCD frames. A series
of frames from the ASAS-3 project also shows
that the nova is well past maximum.

Ref: CB Electronic Telegram 29
AAVSO News Flash 1200.

"e" chart for Nova Oph 2003.

Scale : 10"/mm

Equinox : J2000

Source of plot : GSC + USNO-A2.0

Magnitudes: V - visual from
combination of sources (Tycho-2,
UCAC1, ASAS-3)..

M. Morel

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Email : morel@ozemail.com.au Website: <http://www.ozemail.com.au/~morel> Tel: 61 2 49662078

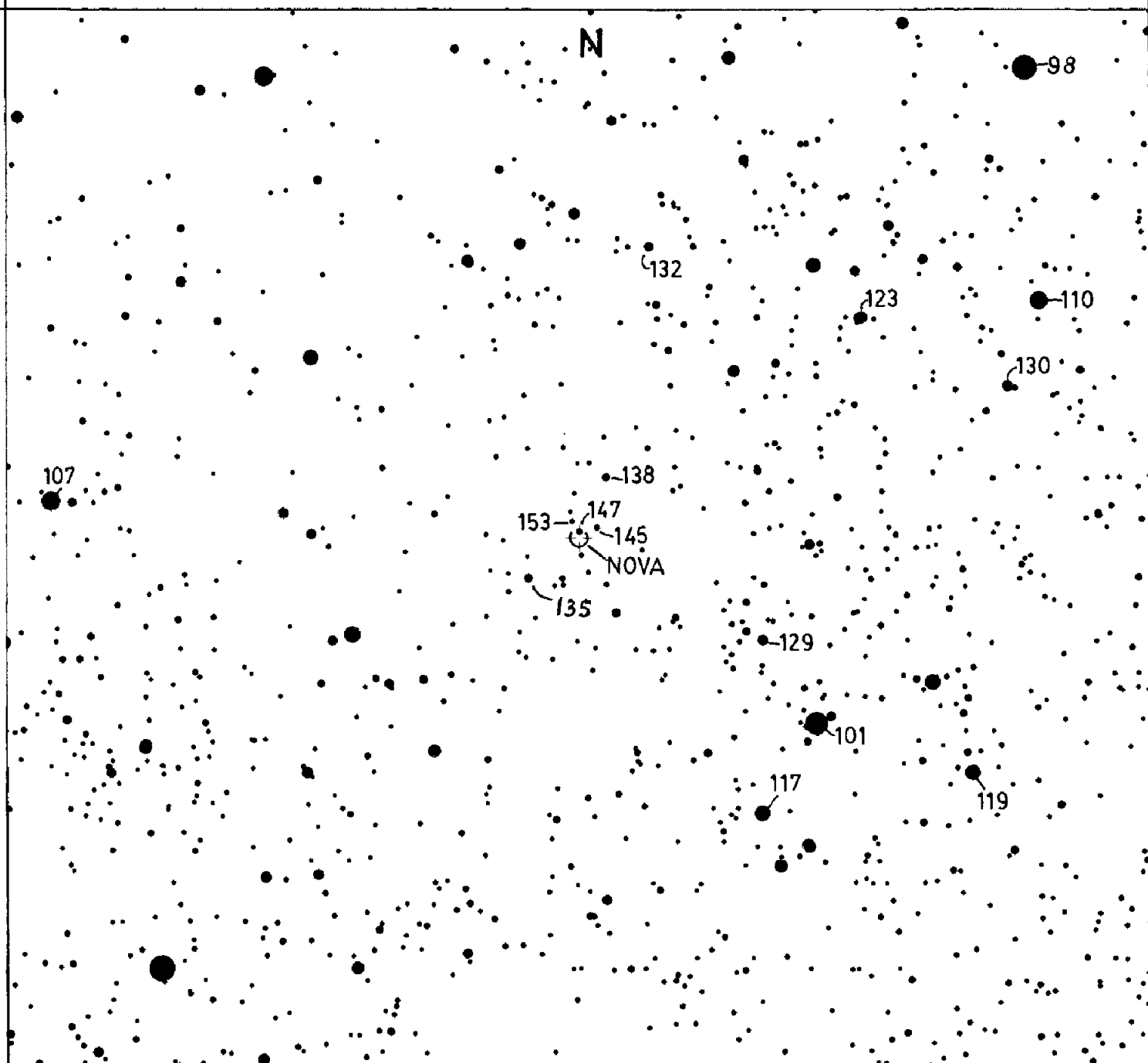
V2573 Oph = 171227 Nova Oph 2003

(1950) : 17h16m06.6s -27°19'32"

(2000) : 17 19 14.11 -27 22 35.4

Type : N Range : 10.6 - ? Spect. ?

Scale : 10" = 1mm



Plotted from GSC & USNO-A2.0

Equinox : 2000

Mags: V - Tycho-2 + UCAC1 + USNO-A2.0

Guide 8.0 plot. MM

VARIABLE STAR MEMORANDUM 120 2003 Aug. 9

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, N.W. Taylor, N. J. Brown

171227 V2573 Oph = Nova Oph 2003

Type : Nova

Pos. : (1950) 17h16m06.6s -27°19'32"
(2000) 17 19 14.11 -27 22 35.4

Range : 10.6 - ?

Discovered by Akira Takao, Kitakyushu,
Japan, and Vello Tabur, ACT, Australia.
Confirmed by ASAS-3 data.

Observation: June. 26 UT 10.6V (ASAS-3)
(apparent maximum?).

Discovered by Akira Takao on unfiltered CCD
frames taken on UT July 10.598 (11.4) and
16.523 (11.2). Detected previously by Vello
Tabur between UT Mar. 21.600 (12.9) and July
5.574 (9.8) but not considered urgent due its
continuing presence on CCD frames. A series
of frames from the ASAS-3 project also shows
that the nova is well past maximum.

Ref: CB Electronic Telegram 29
AAVSO News Flash 1200.

**This nova is now officially known by its
variable star name V2573 Oph.**

"f" chart for V2573 Oph.

Scale : 5"/mm

Equinox : J2000

Source of plot : GSC + USNO-A2.0

Magnitudes: V - extracted from dat file
of A. Henden, USNO. CCD(V)..

M. Morel

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Email : morel@ozemail.com.au Website: <http://www.ozemail.com.au/~morel> Tel: 61 2 49662078

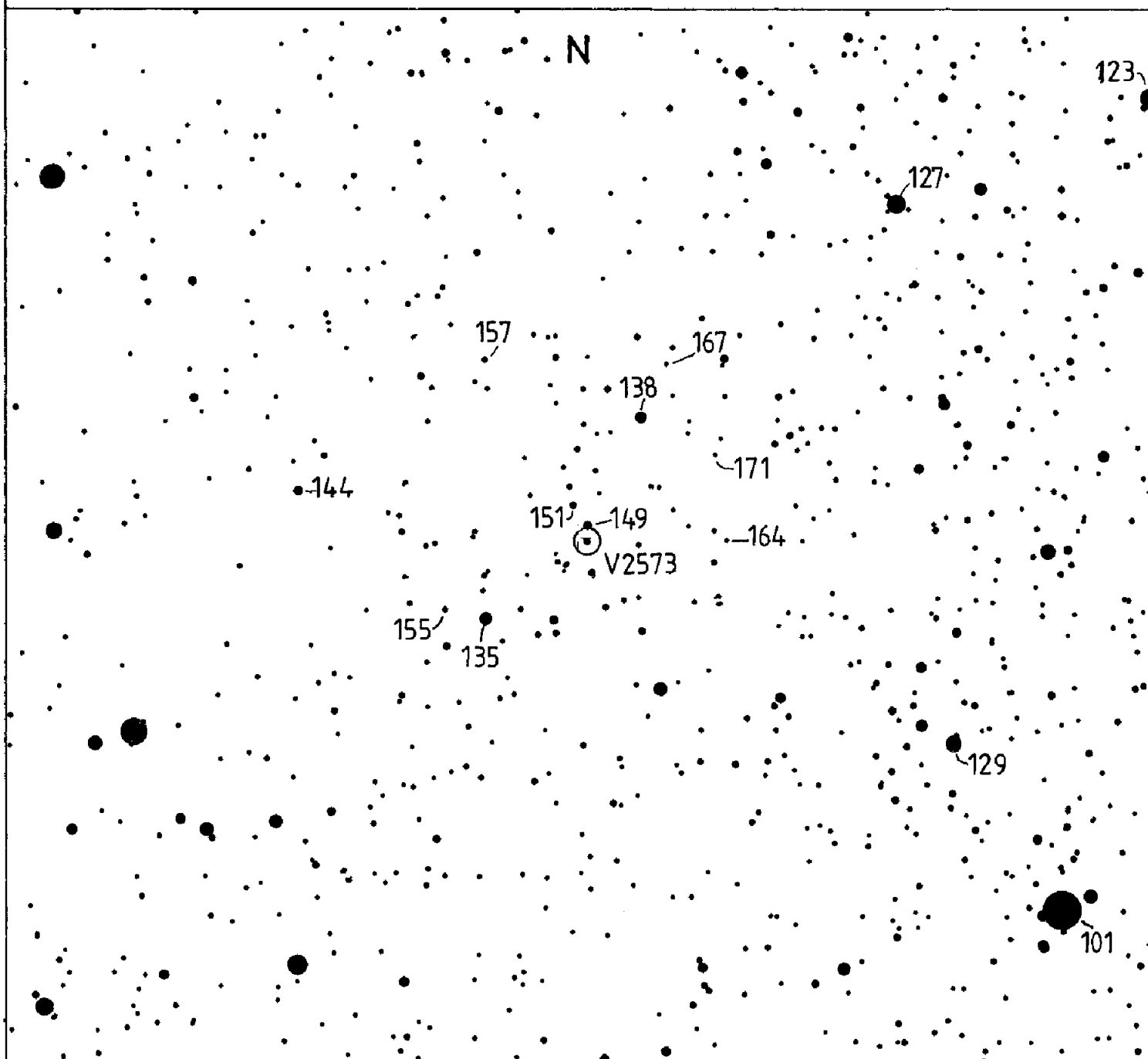
V2573 Oph = 171227 Nova Oph 2003

(1950) : 17h16m06.6s -27°19'32"

(2000) : 17 19 14.11 -27 22 35.4

Type : N Range : 10.6 - ? Spect. ?

Scale : 5" = 1mm



Plotted from GSC & USNO-A2.0

Equinox :2000

Mags: V - Tycho-2 + A. Henden (USNO)

Guide 8.0 plot. MM

VARIABLE STAR MEMORANDUM 121 2003 Aug. 22

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, N.W. Taylor, N. J. Brown

121759 Nova Cru 2003

Type : Nova ?

Pos. : (1950) 12h20m31.2s -60°05'56"
(2000) 12 23 16.1 -60 22 34

Range : 10.6 - ?

Discovered by Vello Tabur, ACT,
Australia on CCD images taken with a
140mm f2.8 telephoto lens.

Observation: Aug. 20.486 UT 11.9

Appears to have brightened by one mag. in the
next 24 hours.

Observed by B. Monard, South Africa, at 9.2
(CCD mag).

According to IAUC 8185 the object may not be
a classical nova at all, but possibly a
post-asymptotic-giant-branch star in a flare-up, a
V4332 Sgr type object or a V838 Mon -type
object caught at an early stage.

Ref: IAUC 8184; IAUC 8185.

"d" chart for Nova Cru 2003

Scale : 20"/mm

Equinox : J2000

Source of plot : GSC

Magnitudes: V - Tycho-2.

M. Morel

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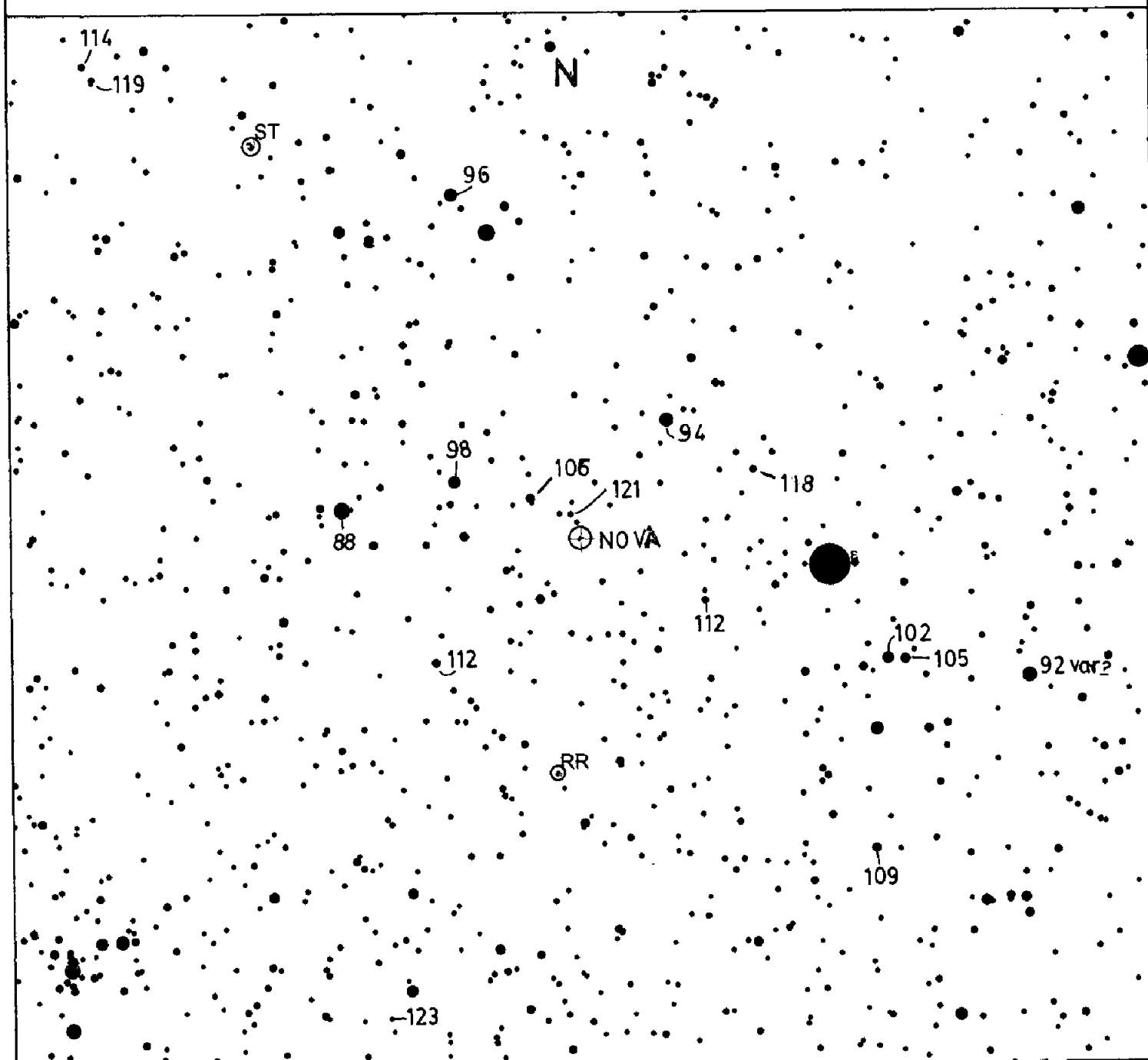
121759 Nova Crucis 2003

(1950) : 12h20m31.20s -60°05'56.5"

(2000) : 12 23 16.07 -60 22 34.2

Type : N Range : 9.2 - ? Spect. ?

Scale : 20" = 1mm



Plotted from GSC

Equinox :2000

Mags: V - Tycho-2 + various sources

Guide 8.0 plot. MM

Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: "F.M. Bateson Astronomical Research Ltd." <varstar@xtra.co.nz>; "Albert F Jones" <afjones@ts.co.nz>;
 <pfwilliams@onaustralia.com.au>; "Alan Gilmore" <alan.gilmore@canterbury.ac.nz>; "W.Liller"
 <wlliller@compuserve.com>
Sent: Sunday, 31 August 2003 12:47 PM
Subject: VSM 122 : 15' field chart for 1217-59 Nova Cru 2003

VSM 122. 2003 August 31**1217-59 Nova Cru 2003.****Posn:** 12h23m16.1s -60 22'34"**Range :** 10.6 - ?**Chart:** 15' x 15' field. Adapted from UKS red plate.**Sequence :** V - Tycho-2 down to 10.5

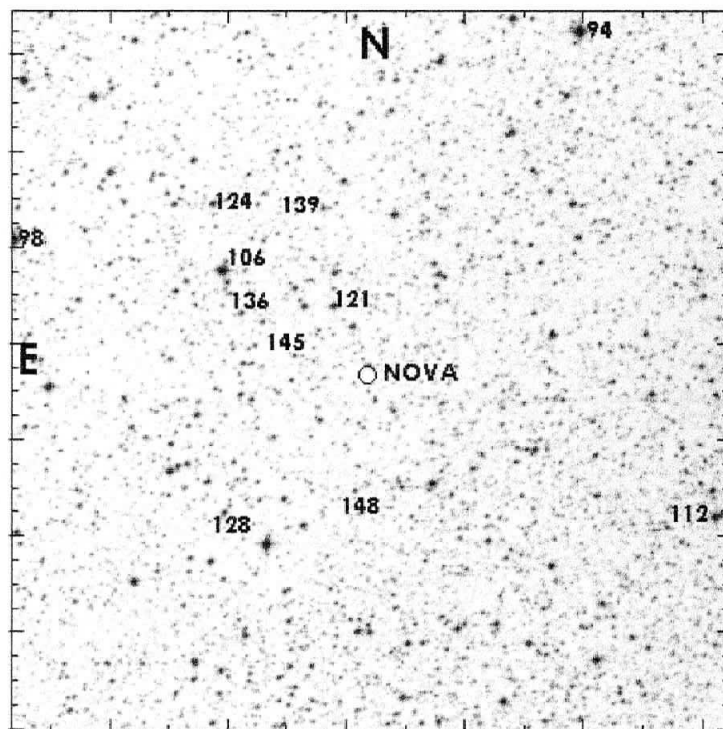
- ASAS-3 down to 12.5

- USNO-A2.0 visual below 12.5

The position of the nova has been placed as accurately as possible on the DSS plate.

The nearest catalogue star is of 15.0v, at 12:23:15.849 -60:22:25.8 (UCAC2).

The nova appears to be just slightly (about 8") to the south of this star.



—Mati Morel
 Thornton NSW
 E151:38:33
 S32:46:47

VARIABLE STAR MEMORANDUM 123 2003 Aug. 31

An alert for variable star observers. Page 1-data sheet. Page 2-chart.

To: F.M. Bateson, A.F. Jones, P.F. Williams, P.Nelson, A.Gilmore, W. Liller, N.W. Taylor, N. J. Brown

184409 Nova Scuti 2003

Type : Nova

Pos. : (1950) 18h46m52.85s -9°37'19.8"

(2000) 18 49 37.62 -09 33 50.3

Range : 8.5p

Discovered by Hideo Nishimura,

Kakegawa, Shizuoka-ken, Japan on

T-Max films taken with a Pentax 200mm

f4.0 lens.

Observations: Aug. 28.58 UT 8.5

29.436 8.4

Scu **"d" chart for Nova ~~Cru~~ 2003**

Reproduction of AAVSO chart.

Scale : 20"/mm

Equinox : J2000

Source of plot : USNO-A2.0

Magnitudes: V - Tycho-2, ASAS-3.

M. Morel

Ref: IAUC 8190.

The information in this Memo. is provisional and subject to confirmation or refinement. Report chart problems to MM. Report observations to VSS, RASNZ, PO Box 3093, Greerton, Tauranga, New Zealand, according to instructions in "The Observation of Variable Stars". This VSM was prepared by MM, from information gleaned from internet sources, such as VSNet.
(C) 2003 M. Morel, Morel Astrographics, 6 Blakewell Road, Thornton NSW 2322 Australia.
Email : morel@ozemail.com.au Website: <http://www.ozemail.com.au/~morel> Tel: 61 2 49662078

1844-09

(d)

S
N SCT 03AAVSO
Chart

030829

Magn. -

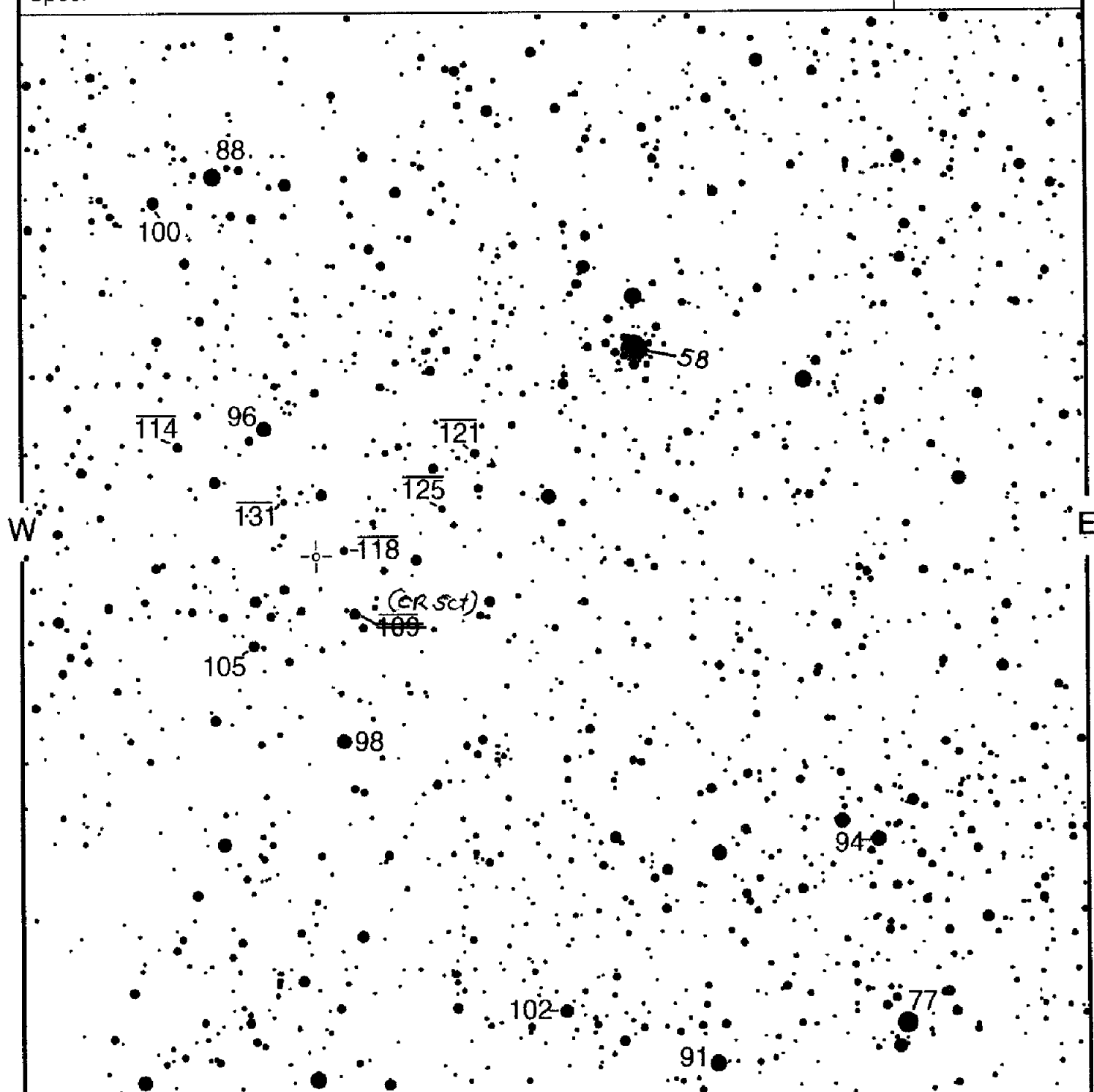
(1900) $18^{\text{h}} 44^{\text{m}} 08^{\text{s}}$ $-09^{\circ} 40'.5$

Period -

Type - N

(2000) $18^{\text{h}} 49^{\text{m}} 38^{\text{s}}$ $-09^{\circ} 33'.8$

Spec. -



Drawn By: PAH

Sequence By: PAH

Field: Tycho-2, USNOA2

Photometry: Tycho-2(V); ASAS-3 ($\overline{V}$)<http://charts.aavso.org>; charts@aaavso.org

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Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: "F.M. Bateson Astronomical Research Ltd." <varstar@xtra.co.nz>; "Albert F Jones" <afjones@ts.co.nz>;
 <pfwilliams@onaustralia.com.au>; "Alan Gilmore" <alan.gilmore@canterbury.ac.nz>; "W.Liller"
 <willer@compuserve.com>
Cc: "Mike Simonsen" <mikesimonsen@mindspring.com>
Sent: Saturday, 13 September 2003 12:57 PM
Subject: VSM 124

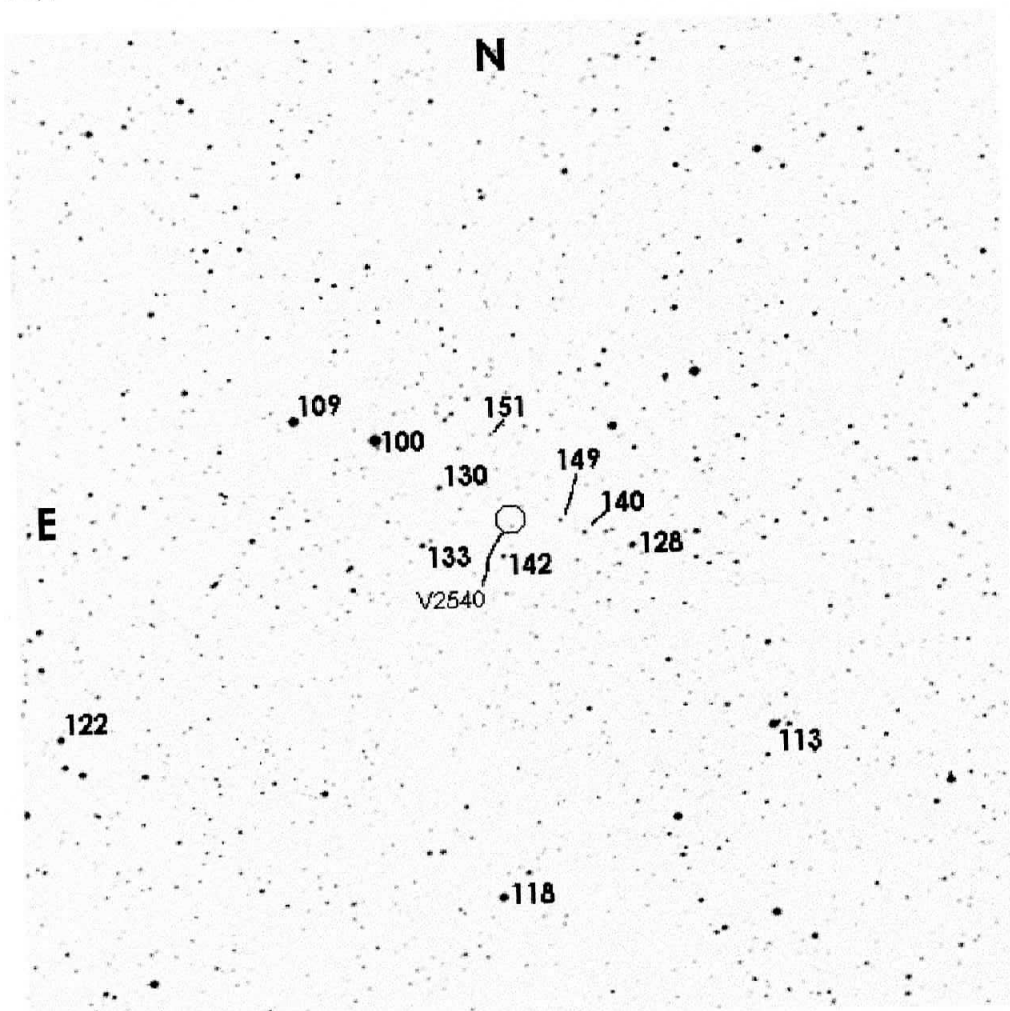
VSM 124. (Electronic Circular). 2003 September 13.

=====

173116 V2540 Oph = Nova Oph 2002
Posn (2000) : 17h37m34.6s -16 23'23"
Range: 9.0 - ?

Chart : 15 x 15' field. Adapted from DSS plate.
Sequence : V - Tycho-2 down 10.5
 - ASAS-3 down to 12.8
 - USNO-A2.0 visual below 12.8

A deeper sequence is provided for this nova. The preliminary chart issued as VSM 105 only goes to 10.5v.
 It appears that a deeper sequence is not easily available; even a search of the AAVSO website came up empty.



--Mati Morel
 Thornton NSW
 E151:38:33
 S32:46:47

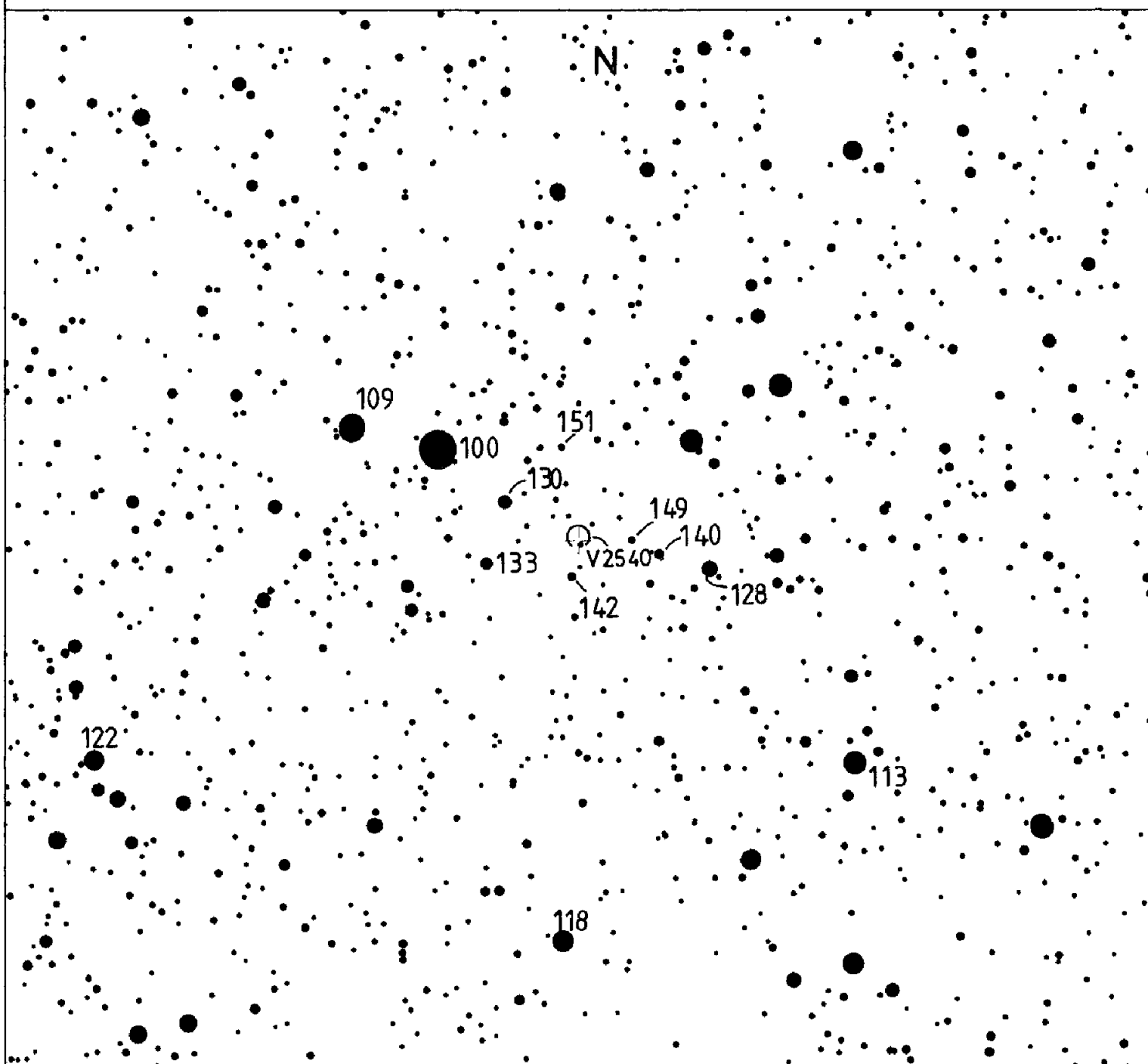
173116 V2540 Oph (Nova Oph 2002)

(1950) : 17h34m41.3s -16°21'39"

(2000) : 17 37 34.6 -16 23 23

Type : N Range : 9.0 - 16.6p Spect. ?

Scale : 5" = 1mm



Plotted from GSC + USNO-A2.0

Equinox : 2000

Mags: V - Tycho-2 + ASAS-3 + USNO-A2.0

Guide 8.0 plot. MM

Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: "W.Liller" <wliller@compuserve.com>; <pfwilliams@onaustralia.com.au>; "Peter Nelson" <pnelson@dcsl.net.au>; "F.M. Bateson Astronomical Research Ltd." <varstar@xtra.co.nz>; "Albert F Jones" <afjones@ts.co.nz>; "Alan Gilmore" <alan.gilmore@canterbury.ac.nz>
Sent: Sunday, 14 September 2003 6:57 PM
Subject: VSM 125 : SN2003hv in NGC 1201

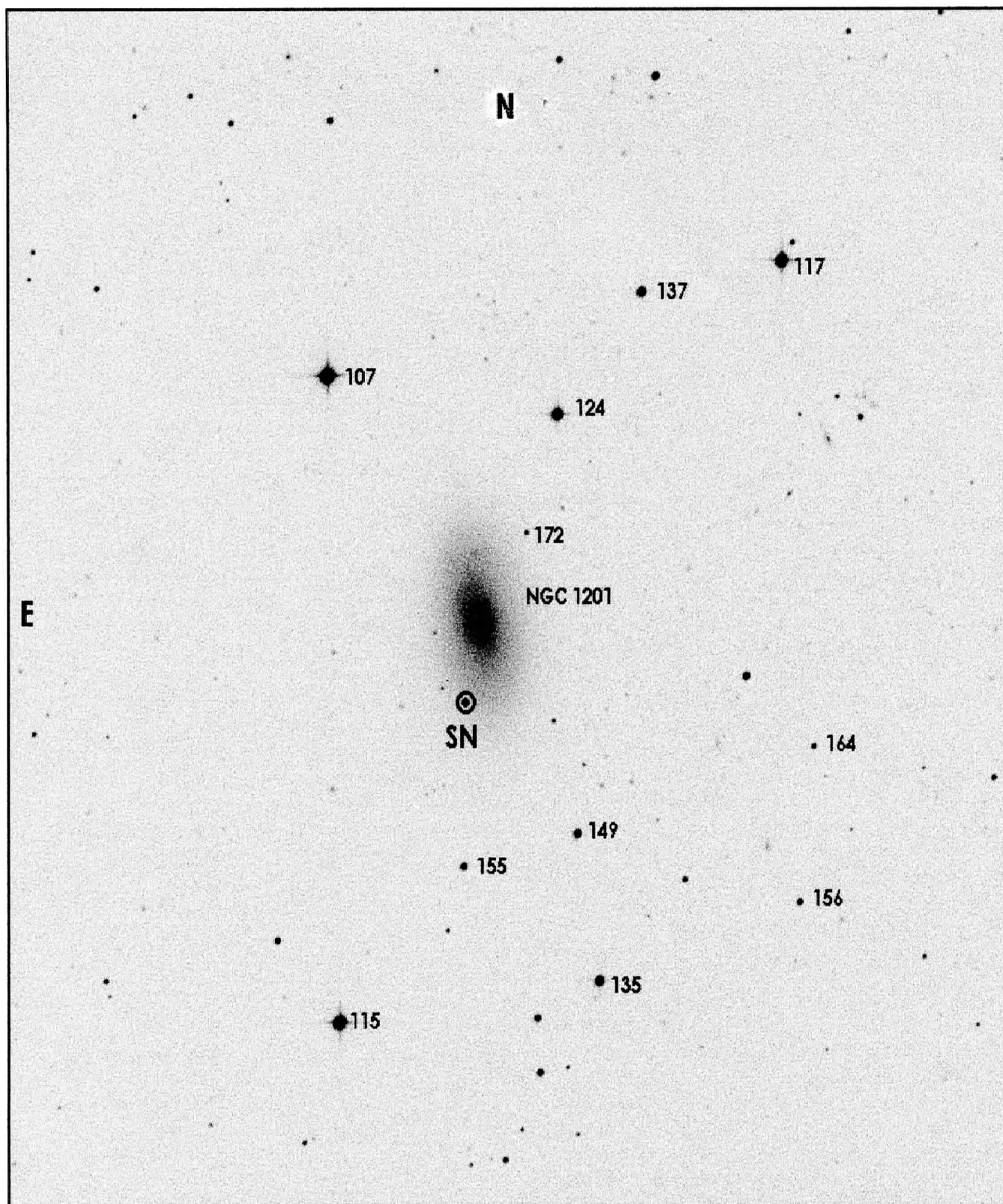
VSM 125 (Electronic Circular). 2003 September 14.

=====

0259-26 SN2003hv (NGC 1201).
Posn (2000) : 03h04m9.28s -26 05'08.0" (A. Henden .dat file)
Magn. : 12.5p -

Chart: 15' x 15' field, based on DSS plate.
Sequence: V - A. Henden, USNO, sequence.

A supernova (SN2003hv) was discovered by the KAIT group in the galaxy NGC 1201 on Sept 9.5UT. Magnitude was 12.5. Suggested type is Ia. The SN is about 17" E and 57" S of the nucleus. Our thanks go to Arne Henden for securing a good V sequence for this object, at such a southerly declination (for him).



—Mati Morel
Thomton NSW
E151:38:33
S32:46:47
morel@ozemail.com.au

Mati Morel

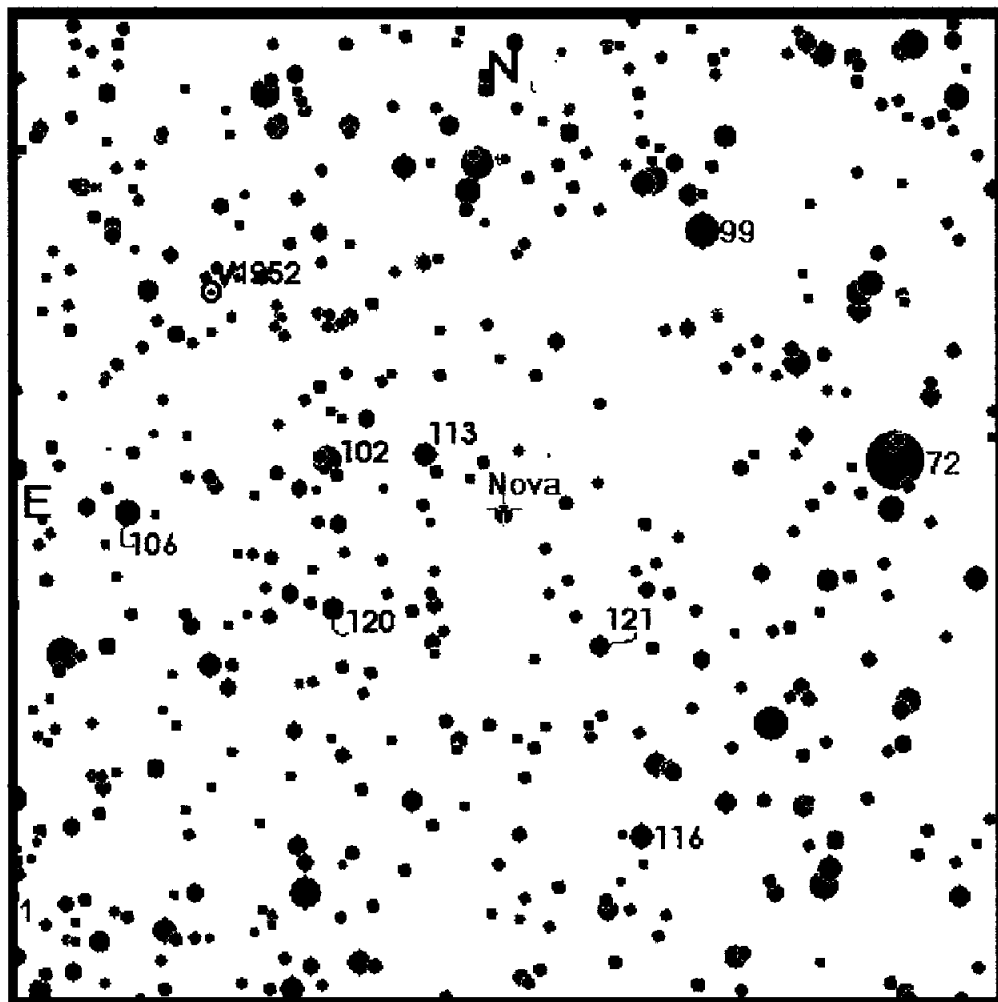
From: "Mati Morel" <morel@ozemail.com.au>
To: "W. Liller" <willer@compuserve.com>; <pfwilliams@onaustralia.com.au>; "Peter Nelson" <pnelson@dcsl.net.au>; "F.M. Bateson Astronomical Research Ltd." <varstar@xtra.co.nz>; "Andrew Pearce" <arpearce@ozemail.com.au>; "Albert F Jones" <afjones@ts.co.nz>; "Alan Gilmore" <alan.gilmore@canterbury.ac.nz>
Sent: Sunday, 21 September 2003 4:20 PM
Subject: VSM 126 : Nova Sgr 2003 No. 2

VSM 126 (Electronic Circular). 2003 September 21.

=====

1803-27 Nova Sgr 2003 No. 2.**Posn:** (2000) 18h10m10.42s - 27 45'35.2"**Range:** 8.8 - ?**Chart :** 30' x 30' field. Based on Guide 8 plot of GSC stars.**Sequence :** V - ASAS-3 magnitudes.

This nova was discovered by N. J. Brown of Quinns Rocks, WA, using T-Max 400 film with a 135mm f/2 camera lens on Sept. 17.52. The object is only 8" north of GSC 6851-1342, m = 11.9.
 Ref: IAUC No.8204.



—Mati Morel
 Thornton NSW 2322
 E151:38:33
 S32:46:47
morel@ozemail.com.au

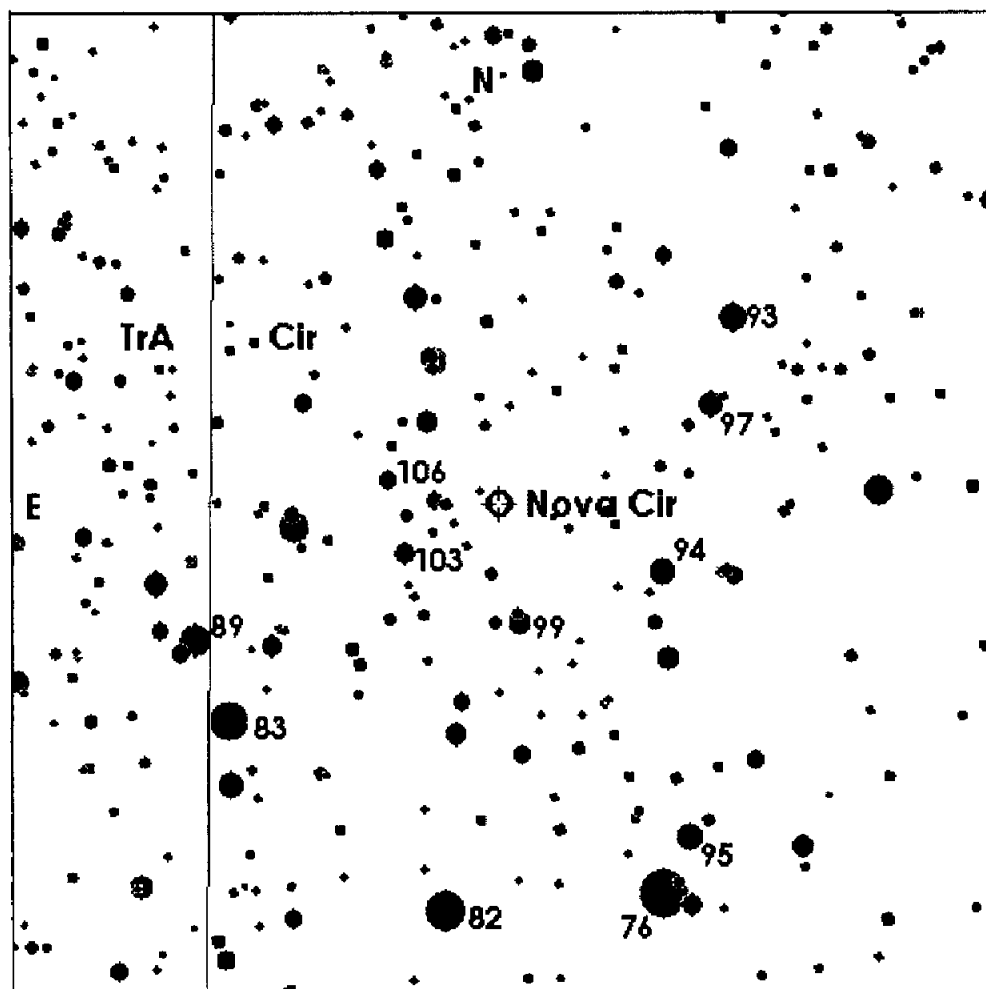
21/09/03

Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: "W.Liller" <willer@compuserve.com>; "Rod Stubbings" <stubbo@sympac.com.au>;
 <pfwilliams@onaustralia.com.au>; "Peter Nelson" <pnelson@dcsl.net.au>; "Fraser Farrell"
 <fraser@trilobytes.com.au>; "F.M. Bateson Astronomical Research Ltd." <varstar@xtra.co.nz>; "Andrew
 Pearce" <arpearce@ozemail.com.au>; "Albert F Jones" <afjones@ts.co.nz>; "Alan Gilmore"
 <alan.gilmore@canterbury.ac.nz>
Sent: Friday, 10 October 2003 10:08 PM
Subject: VSM 127 - Probable Nova Cir 2003

VSM 127 (Electronic Circular). 2003 October 10**1509-61 Nova Cir 2003****Posn. :** (2000) 15h17.8m -61 58'**Range :** 8.2 - ?**Chart:** 60' x 60' field. Based on Guide 8 plot of GSC stars.**Sequence:** V - Tycho-2 and ASAS-3.

This is a probable nova discovery by W. Liller. Preliminary chart issued, pending confirmation of the discovery. Position is approximate, awaiting precise position.



—Mati Morel
 Thornton NSW 2322
 E151:38:33
 S32:46:47
morel@ozemail.com.au

10/10/03

Mati Morel

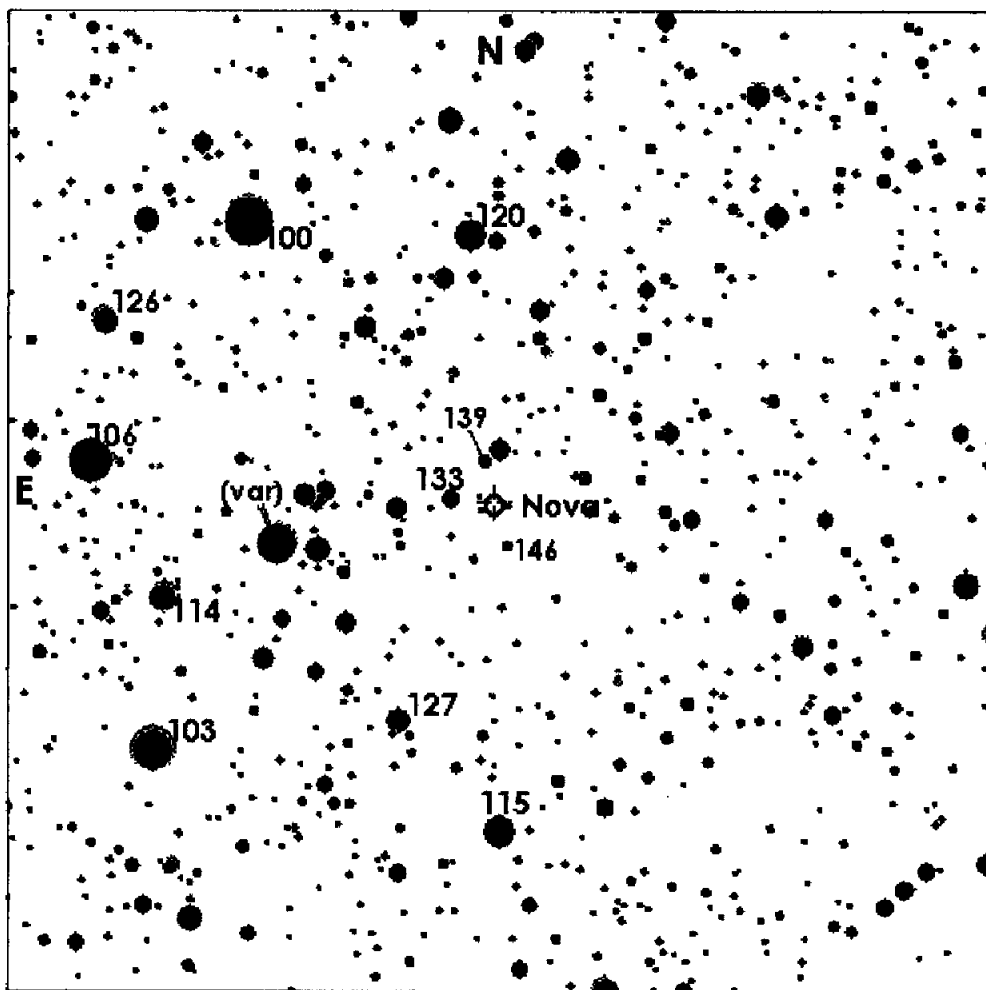
From: "Mati Morel" <morel@ozemail.com.au>
To: "W.Lillier" <willier@compuserve.com>; "Rod Stubbings" <stubbo@sympac.com.au>;
 <pfwilliams@onaustralia.com.au>; "Peter Nelson" <pnelson@dcsl.net.au>; "Nicholas J Brown"
 <nicholas.brown7@bigpond.com>; "Fraser Farrell" <fraser@trilobytes.com.au>; "F.M. Bateson Astronomical
 Research Ltd." <varstar@xtra.co.nz>; "Andrew Pearce" <a Pearce@ozemail.com.au>; "Albert F Jones"
 <afjones@ts.co.nz>; "Alan Gilmore" <alan.gilmore@canterbury.ac.nz>
Sent: Sunday, 12 October 2003 7:29 PM
Subject: VSM 128 - Nova Cir 2003

VSM 128 (Electronic Circular). 2003 October 12.

=====

1509-61 Nova Cir 2003**Posn:** 15h17m52.5s -61 57'16" (B.Monard)**Range:** 9.8v - ?**Chart:** 15' x 15' field. Based on Guide 8 plot of GSC and USNO-A2.0 stars.**Sequence:** V - ASAS-3 down to 13.3, USNO-A2.0 visual (139 and 146).

A deeper chart, as the nova apparently never became brighter than 9.8V. The previous magnitude (8.2) was derived from red-sensitive images, which overstated the visual mag. The sequence follows one by S. Otero. The ASAS-3 mag 133 would normally be too faint to be accepted, but it does agree with the A2.0 mag (13.4). Two fainter mags, 139 and 146, extend the sequence.



—Mati Morel
 Thornton NSW 2322
 E151:38:33
 S32:46:47
morel@ozemail.com.au

12/10/03

Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: "W. Liller" <wliller@compuserve.com>; "Rod Stubbings" <stubbo@sympac.com.au>;
 <pfwilliams@onaustralia.com.au>; "Peter Nelson" <pnelson@dcsl.net.au>; "Nicholas J Brown"
 <nicholas.brown7@bigpond.com>; "Fraser Farrell" <fraser@trilobytes.com.au>; "F.M. Bateson Astronomical Research
 Ltd." <varstar@xtra.co.nz>; "Andrew Pearce" <arpearce@ozemail.com.au>; "Albert F Jones" <afjones@ts.co.nz>;
 "Alan Gilmore" <alan.gilmore@canterbury.ac.nz>
Sent: Thursday, 18 March 2004 10:22 PM
Subject: VSM 129 - 1813-28B Nova Sgr 2004

VSM 129 (Electronic Circular). 2004 March 18.

=====

1813-28B Nova Sagittarii 2004 36

Posn: (2000) 18h19m32.29s -28°35'35.7"

Range: 8.1v - ?

Chart: 30' x 30' field, based on Guide 8 plot of GSC & USNO-A2.0 stars

Limiting mag: 14.0

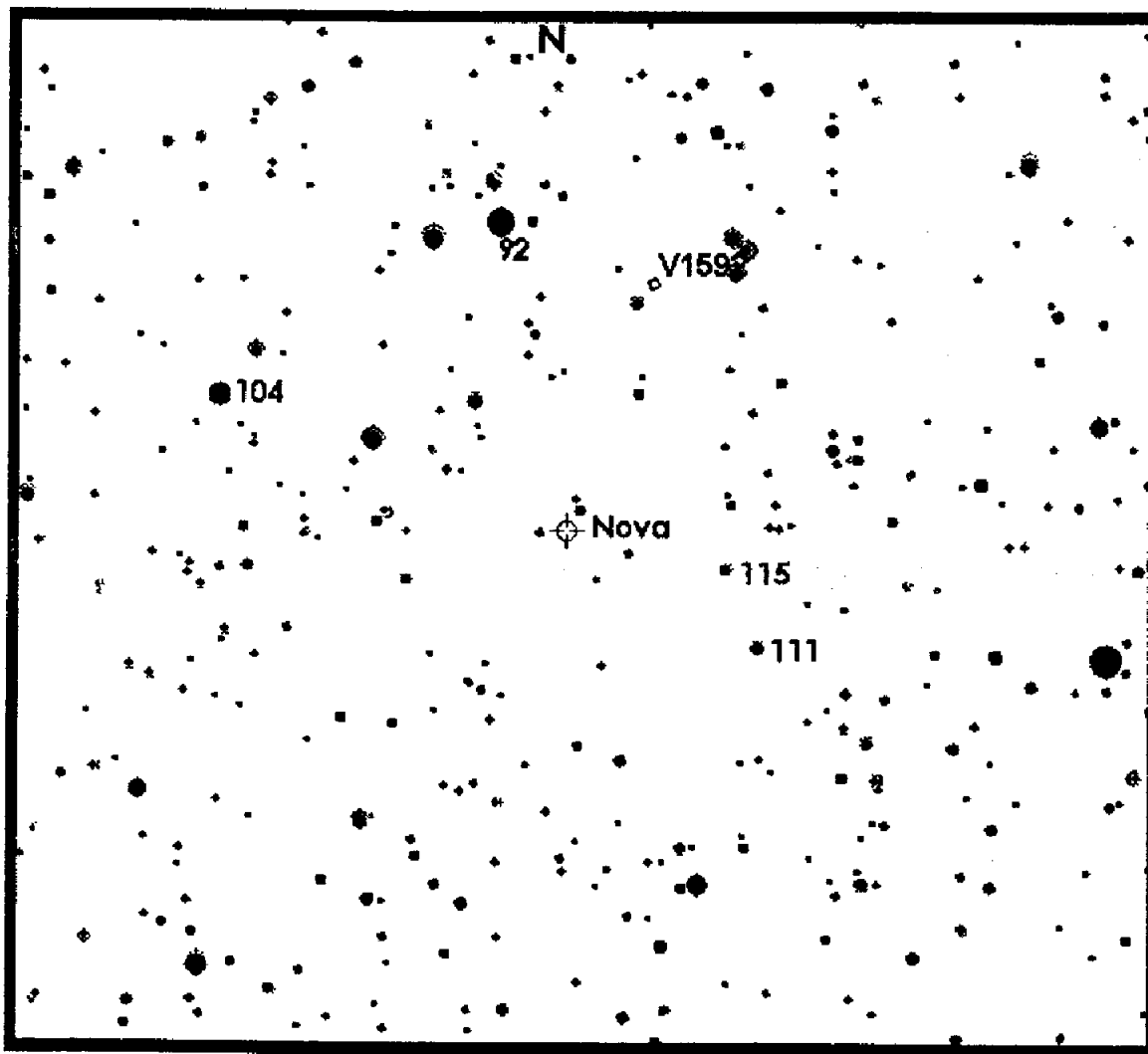
Sequence: Copied from AAVSO 'd' chart 040316.

This nova was discovered independently by Hideo Nishimura (Kakegawa, Shizuoka-ken, Japan, and W. Liller (Vina del Mar, Chile)

Nishimura found the nova at mag 9.4 on two Fuji T-Max films taken around Mar 15.82 UT.

Liller found it at mag 8.2 on two Technical films (+red filter) on Mar 17.342 and 17.346.

See *IAUC 8306* for full details.



—Mati Morel
 Thornton NSW 2322
 E151:38:33
 S32:46:47
morel@ozemail.com.au
<http://www.ozemail.com.au/~morel>

18/03/04

VSM 130

Mati Morel

From: "IAUC mailing list" <quai@cfa.harvard.edu>
To: <alan.gilmore@canterbury.ac.nz>
Sent: Thursday, 18 March 2004 8:06 AM
Subject: IAUC 8306: N Sgr 2004; IRAS 05436-0007

Circular No. 8306

Central Bureau for Astronomical Telegrams

INTERNATIONAL ASTRONOMICAL UNION

Mailstop 18, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, U.S.A.

IAUSUBS@CFA.HARVARD.EDU or FAX 617-495-7231 (subscriptions)CBAT@CFA.HARVARD.EDU (science)URL <http://cfa-www.harvard.edu/iau/cbat.html> ISSN 0081-0304

Phone 617-495-7440/7244/7444 (for emergency use only)

NOVA SAGITTARII 2004

The Central Bureau has received word of the discovery of a possible nova independently by Hideo Nishimura (Kakegawa, Shizuoka-ken, Japan; via S. Nakano, Sumoto, Japan) and by William Liller (Vina del Mar, Chile). Nishimura reported the position of the new object (mag 9.4) as R.A. = 18h19m28s, Decl. = -28°35'34" (equinox 2000.0) from two Fuji T-Max films taken around Mar. 15.82 UT with a Pentax 200-mm f/4 lens; nothing was visible at this location on his patrol films taken on Mar. 12.82 (limiting mag 10.5). Liller found the new star at mag about 8.2 on two Technical Pan films taken with an 85-mm Nikon camera lens (+ red filter) on Mar. 17.342 and 17.346, providing the position as R.A. = 18h19m.6, Decl. = -28°35'; he adds that nothing is visible at this position on his exposures taken on Feb. 26.38 (limiting mag 11.0). Following requests by the Central Bureau and the AAVSO, D. West (Mulvane, KS) obtained a CCD image showing the apparent nova at V = 8.38 +/- 0.07 on Mar. 17.489, providing the following precise position: R.A. = 18h19m32s.29, Decl. = -28°36'35".7. West adds that nothing is visible at this location on a red Digitized Sky Survey image (limiting mag approximately 17.5). Visual magnitude estimates, provided in part by E. Waagen, AAVSO: Mar. 17.556, 8.1 (R. Royer, Springville, CA); 17.631, 8.5 (J. Bedient, Honolulu, HI); 17.821, 8.7 (A. Pearce, Nedlands, W. Australia).

IRAS 05436-0007

D. K. Ojha, N. Kusakabe, and M. Tamura, National Astronomical Observatory, Tokyo, report on observations made at the Infrared Survey Facility 1.4-m telescope at the South African Astronomical Observatory. The 'JHK_s-band simultaneous camera' (SIRIUS) was used to obtain the following magnitudes (aperture radius about 8") for the near-infrared counterpart to IRAS 05436-0007 (cf. IAUC 8284): Feb. 23 UT, J = 10.81, H = 8.96, K_s = 7.41; Feb. 29, J = 10.92, H = 9.12, K_s = 7.62. The cometary infrared nebula is clearly seen extending toward the north from the near-infrared source. The nebula is blue (bright in J) and has a cavity structure with two rims extending toward the northeast and the northwest. The northeast rim, which can be traced out to about 30", is brighter and sharper compared to the diffuse northwest rim.

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18/03/04

VSM 131

Mati Morel

From: "IAUC mailing list" <quai@cfa.harvard.edu>
To: <alan.gilmore@canterbury.ac.nz>
Sent: Sunday, 21 March 2004 5:54 AM
Subject: IAUC 8310: 2004aw; V5114 Sgr; 2004 FH

Circular No. 8310

Central Bureau for Astronomical Telegrams

INTERNATIONAL ASTRONOMICAL UNION

Mailstop 18, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, U.S.A.

IAUSUBS@CFA.HARVARD.EDU or FAX 617-495-7231 (subscriptions)

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URL <http://cfa-www.harvard.edu/iau/cbat.html> ISSN 0081-0304

Phone 617-495-7440/7244/7444 (for emergency use only)

SUPERNOVA 2004aw IN NGC 3997

Independent discovery reports have been received of an apparent supernova in NGC 3997 from T. Boles (Coddensham, England, 0.35-m reflector) and from K. Itagaki (Teppo-cho, Yamagata, Japan, 0.60-m reflector; via S. Nakano, Sumoto). Boles measures the position of SN 2004aw as R.A. = 11h57m50s.24, Decl. = +25°15'55".1, which is approximately 27".7 east and 19".8 south of the center of NGC 3997. Itagaki provides position and figures 50s.26, 55".1. Unfiltered CCD magnitude estimates of SN 2004aw: 2001 Nov. 25 UT, [18.5 (Itagaki); 2003 May 7, [19.5 (Boles); Mar. 13, [18.5 (Itagaki); 19.851, 17.1 (Boles); 20.51, 15.8 (Itagaki); 20.646, 16.2 (R. and Y. Kushida, Yatsugatake South Base Observatory). Boles adds that the new object is not present on 1996 Digitized Sky Survey red and blue images.

V5114 SAGITTARII

Further to IAUC 8307, H. Yamaoka, Kyushu University, notes that V5114 Sgr was also not visible on an ASAS-3 image taken on Mar. 12.38 UT (limiting mag about 13.5). He adds that a CCD image taken by K. Itagaki on Mar. 18.8 shows the nova at R.A. = 18h19m32s.19, Decl. = -28°36'35".0 (equinox 2000.0; about 70 UCAC-2 reference stars, uncertainty about 0".3). Nothing is visible on a Digitized Sky Survey red image within 2" of this position.

B. E. Schaefer, Louisiana State University, writes that CCD images obtained with the 0.8-m telescope at McDonald Observatory show no visible light echo. Reported CCD magnitudes and colors for V5114 Sgr: Mar. 19.336 UT, V = 8.64 +/- 0.03, B-V = +0.66 +/- 0.05 (W. Liller, Vina del Mar, Chile); 19.467, V = 8.76 (J. D. West, Mulvane, KS); 19.471, B = 9.28 (West); 19.49, U = 8.87, B = 9.23, V = 8.65, R = 8.01, I = 7.38 (Schaefer); 20.49, U = 9.08, B = 9.53, V = 9.00, R = 8.19, I = 7.42 (Schaefer); 19.695, V = 8.73, U-B = -0.50, B-V = +0.51, V-R = +0.66, V-I = +1.18 (A. C. Gilmore, Mt. John Observatory; uncertainties about 0.02 mag).

2004 FH

G. W. Christie, Auckland Observatory, reports that his unfiltered CCD photometry (3-s exposures approximating the R band) of 2004 FH (cf. MPEC 2004-F24, 2004-F26) during Mar. 18.487-18.499 UT shows light variations with a period of approximately 90 s

21/03/04

VSM 132

V5114 Sgr

1813-28B

(d)

N SGR 04

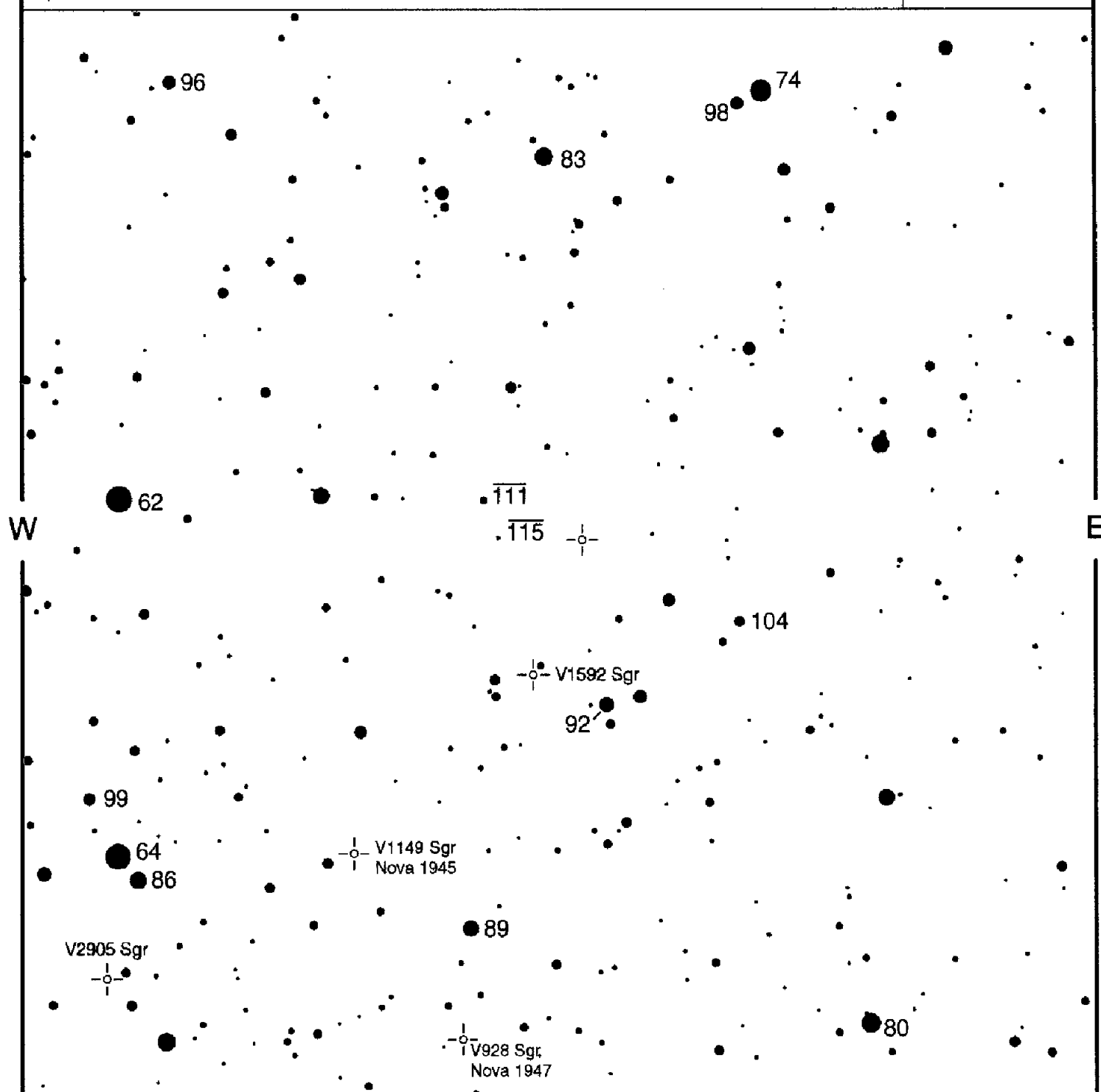
AAVSO
Chart
040316

Magn. -

Period -

Type - N

Spec. -

(2000) $18^h 19^m 32^s$ $-28^\circ 36.6'$ 

Drawn By: PAH

From: USNO A2.0 Catalog; Tycho-2 Catalogue

Sequence: PAH; SXN

Photometry: Tycho-2 (V); ASAS-3 ($\bar{V}$)<http://charts.aavso.org>; charts@aaavso.org

1/2°

1813-28 V1592 SGR (M) 11.3 - 15.3p 218d

1811-28 V2905 SGR (ZAnd) 10 - 14.6p

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N

VSM 133

Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: "Mike Simonsen" <mikesimonsen@mindspring.com>
Sent: Sunday, 28 March 2004 3:16 PM
Attach: dss_search.gif
Subject: V5114 Sgr : faint sequence

Extended Sequence for Nova V5114 Sgr.

Using Guide8 to plot faint stars from USNO-A2.0, it is clear that this field presents problems : a very crowded field, too many spurious stars, too many missing stars. A useable chart cannot be made from a straight plot of catalogued stars.

A DSS red image was examined for prospective comparison stars, with only "clean" stars being selected (ie no faint companions, and fairly isolated from surrounding stars). Not easily met in this field! Nevertheless, in order to construct a sequence of regularly spaced stars it was necessary to include two stars, nos. 1 & 5, which are very close doubles, judging from their DSS images.

ASAS-3 data was extracted for stars 1-3; USNO-A2.0 data for stars 4-8.

[Mike : A finder chart is attached, based on DSS red image. For your information only.

Chart is not being sent to aavso-charts list.]

Star No.	RA 2000	DEC 2000	V	Err	Note
1	18:19:11.11	-28:36:43.7	11.52	0.07	1
2	18:19:27.52	-28:39:29.4	12.26	0.09	2
3	18:19:22.66	-28:31:34.6	12.53	0.10	3
4	18:19:05.65	-28:35:28.1	12.9		4
5	18:19:43.64	-28:39:26.9	13.5		
6	18:19:28.26	-28:36:57.6	13.8		
7	18:19:33.73	-28:36:22.6	14.3		
8	18:19:43.23	-28:36:25.0	14.6		

Notes:

1 = GSC6856.1027

2 = GSC6856.1288

3 = GSC6856.0681

4 = GSC6856.0849

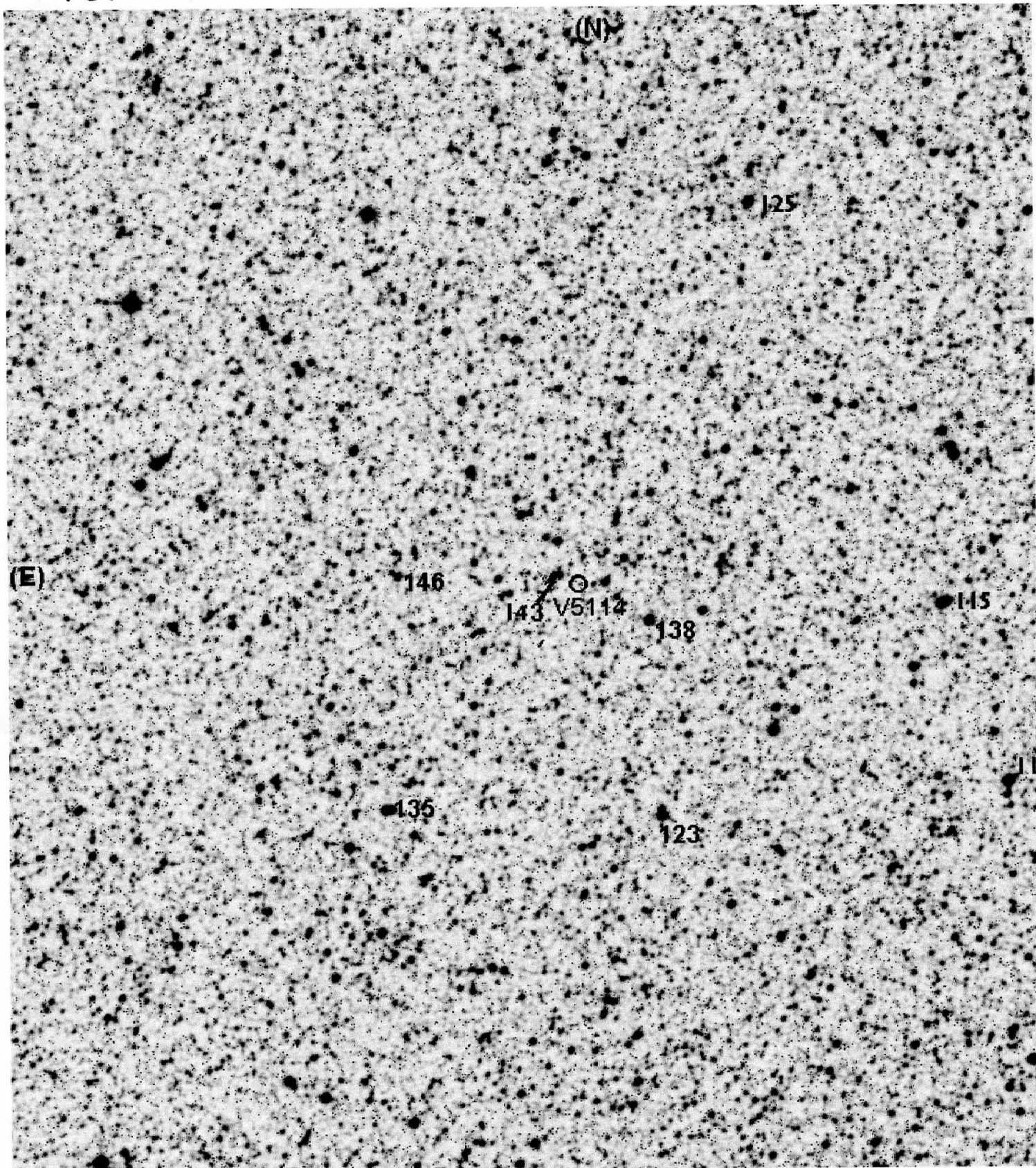
--Mati Morel

Thornton NSW 2322

E151:38:33

S32:46:47

morel@ozemail.com.au



V5114 Sgr (J2000) 18 19 32.29 -28 36 35.7

POSS2 / UKSTU Red 15' field

Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: "W.Liller" <wliller@compuserve.com>; "Rod Stubbings" <stubbo@sympac.com.au>;
 <pfwilliams@onaustralia.com.au>; "Peter Williams" <peter_williams@oc.nykline.com>; "Peter Nelson"
 <pnelson@dcsi.net.au>; "Fraser Farrell" <fraser@trilobytes.com.au>; "F.M. Bateson Astronomical Research
 Ltd." <varstar@xtra.co.nz>; "Andrew Pearce" <arpearce@ozemail.com.au>; "Alan Gilmore"
 <alan.gilmore@canterbury.ac.nz>; <afjones@ts.co.nz>
Sent: Friday, 6 August 2004 8:02 PM
Attach: Nova_Sco2.gif
Subject: VSM 134 - Nova Sco 2004 No. 2

VSM 134 (Electronic Circular) 2004 August 6
 =====

1722-31 Nova Scorpii 2004 No. 2

Position : (J2000) 17h29m18.81s - 31°46'01.5"

Range : 9.9v - ?

Chart : 30' field, plotted from GSC.

Sequence : ASAS-3 (V)

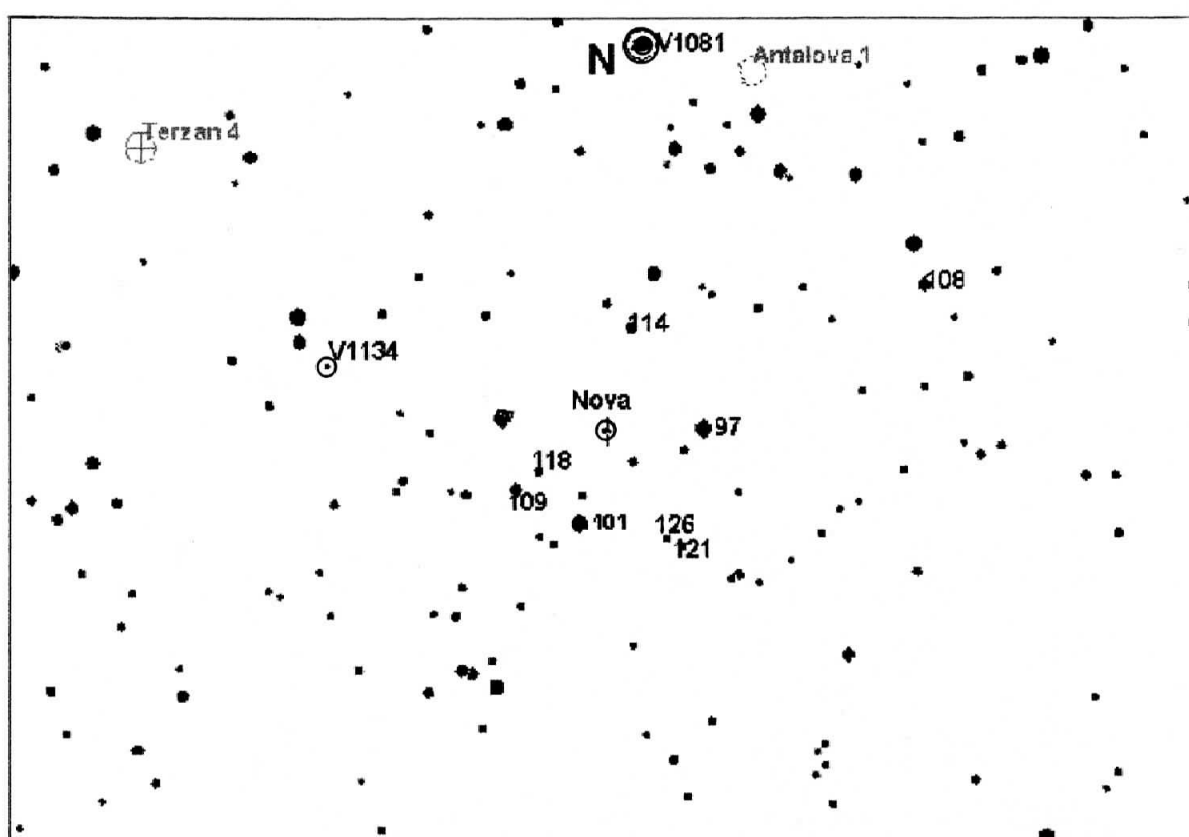
--Mati Morel

Thornton NSW 2322

E151:38:33

S32:46:47

morel@ozemail.com.au



6/08/04

VSM 135

Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: "W.Liller" <willer@compuserve.com>; "F.M. Bateson Astronomical Research Ltd." <varstar@xtra.co.nz>; "Rod Stubbings" <stubbo@sympac.com.au>; "Peter Nelson" <pnelson@dcsl.net.au>; <pfwilliams@onastralia.com.au>; "Nicholas J Brown" <nicholas.brown7@bigpond.com>; "Mike Simonsen" <mikesimonsen@mindspring.com>; "Berto Monard" <LAGMonar@csir.co.za>; <janhers@pixie.co.za>; "Fraser Farrell" <fraser@trilobytes.com.au>; <charts@aavso.org>; "Bernard Heathcote" <bd-heath@bigpond.net.au>; <bd_heathcote@iprimus.com.au>; "A Plummer" <ashields@zipworld.com.au>; <arpearce@ozemail.com.au>; "Alan Gilmore" <alan.gilmore@canterbury.ac.nz>; <afjones@ts.co.nz>; <aavso-charts@yahoo.com>
Sent: Friday, 22 October 2004 8:01 PM
Attach: YY_Dor.gif
Subject: Chart for nova YY Dor

VSM 135 (Electronic Circular). 2004 October 22.

=====

0557-68 YY Doradus. Nova in LMC region.

Position: (2000) 05:56:44 -68:54:44

Range : 10.8 -18.0p

YY Dor = HV 10642 =S4856. Nova 1937.

W. Liller has found this old nova to be in outburst again

Using unfiltered Kodak TP film and a 0.2m Schmidt camera, his observations are:

October 17.181 UT Not seen

October 20.193 UT V=11.0

We are awaiting more precise astrometry, and confirmation of nova status.

A chart is attached, showing the region of YY Dor, and a range of V magnitudes.

Extracted from "LMC Visual Atlas 2000", (C) M. Morel 2001.

A compilation of precise magnitudes for the sequence stars will be posted shortly.

--Mati Morel

Thornton NSW 2322

E151:38:33

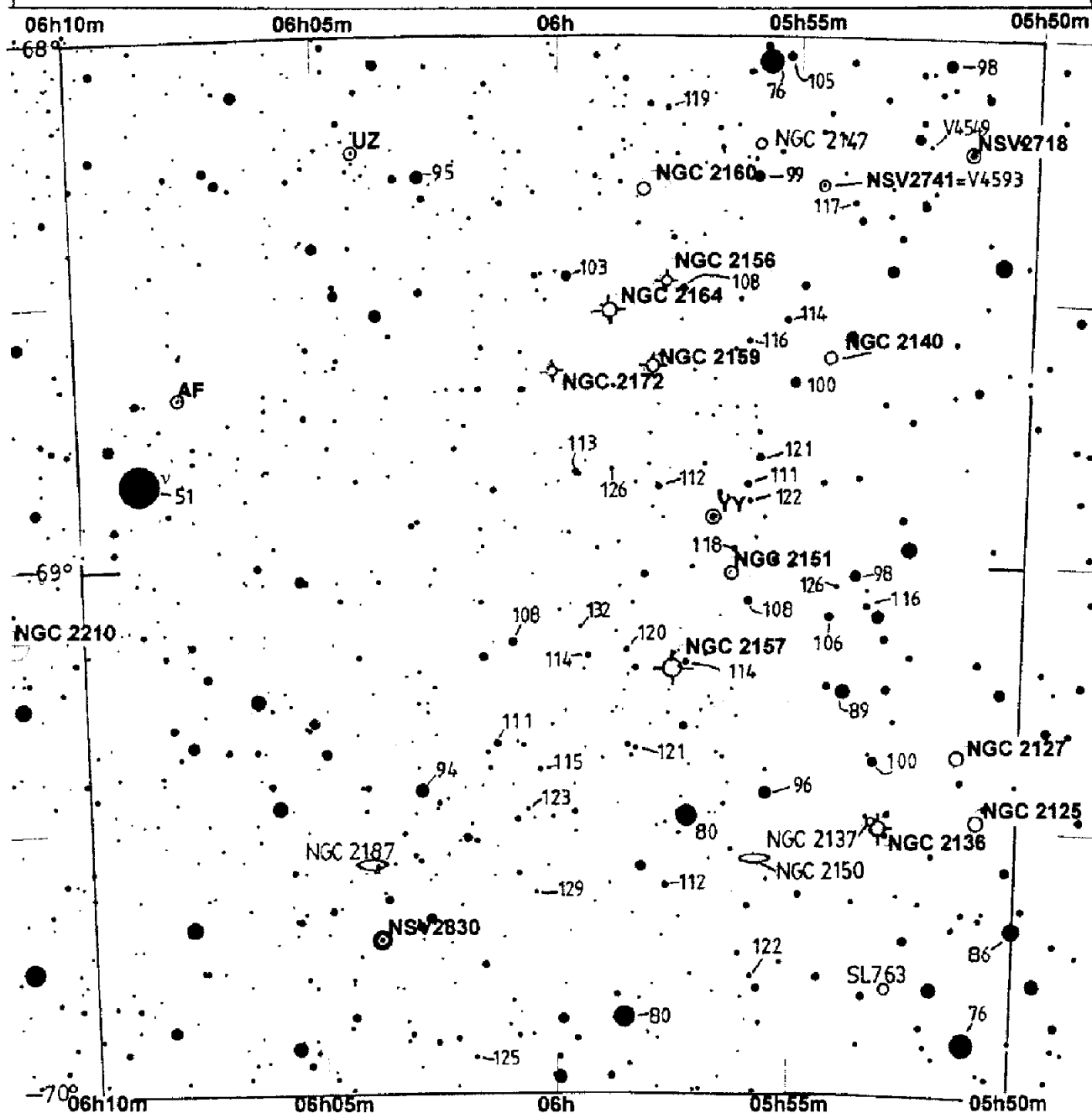
S32:46:47

morel@ozemail.com.au

LMC Visual Atlas 2000**Chart 19**

Centre : 6h00m -69°00'

Noteworthy objects in field : NGC 2136, 2137, 2157, 2159.

Equinox : J2000Scale : 40" = 1mmConstellation : DoradoNGC Objects:

2125 2147 2159
 2127 2150 2160
 2136 2151 2164
 2137 2156 2172
 2140 2157 2187

Other Clusters:

SL 763

LMC Variables:

V4549
 V4593 = NSV 2741
 V4622 = YY Dor
 V4666 = NSV 2830
 V4667 = UZ Dor

(C) 2001 M. Morel

VSM 136

Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: "John Toone" <xvh01@dial.pipex.com>; "W. Liller" <willer@compuserve.com>; "F. M. Bateson Astronomical Research Ltd." <varstar@xtra.co.nz>; "Rod Stubbings" <stubbo@sympac.com.au>; "Roy Axelsen" <raxelsen@bigpond.net.au>; "Peter Nelson" <pnelson@dcsl.net.au>; <pfwilliams@onaustralia.com.au>; "Peter Williams" <peter_williams@oc.nykline.com>; "Berto Monard" <LAGMonar@csir.co.za>; "Fraser Farrell" <fraser@trilobytes.com.au>; <bd_heathcote@iprimus.com.au>; "A Plummer" <ashields@zipworld.com.au>; <arpearce@ozemail.com.au>; "Alan Gilmore" <alan.gilmore@canterbury.ac.nz>; "Albert F Jones" <afjones@ts.co.nz>
Sent: Monday, 22 November 2004 9:39 PM
Attach: NPup04.gif
Subject: Nova Puppis 2004

136
 VSM 136 (Electronic Circular) 2004 November 22.
 =====

0738-26 Nova Puppis 2004

Position: (J2000) 7h41m53.58s -27 06'38.2"

Range : 7.6 -19p

Chart : 1 degree field, Guide8 plot.

Sequence : V - Tycho-2.

Discovered independently by A. Tago (Tsuyama, Okayama-ken, Japan) at mag

16.8 on two T-Max 400 films,

and Yukio Sakurai (Mito, Ibaragi-ken, Japan) on two CCD frames taken Nov.

20.812.

Nothing was visible at this location on Tago's films from Nov. 16.76 (lim. mag.

11.5).

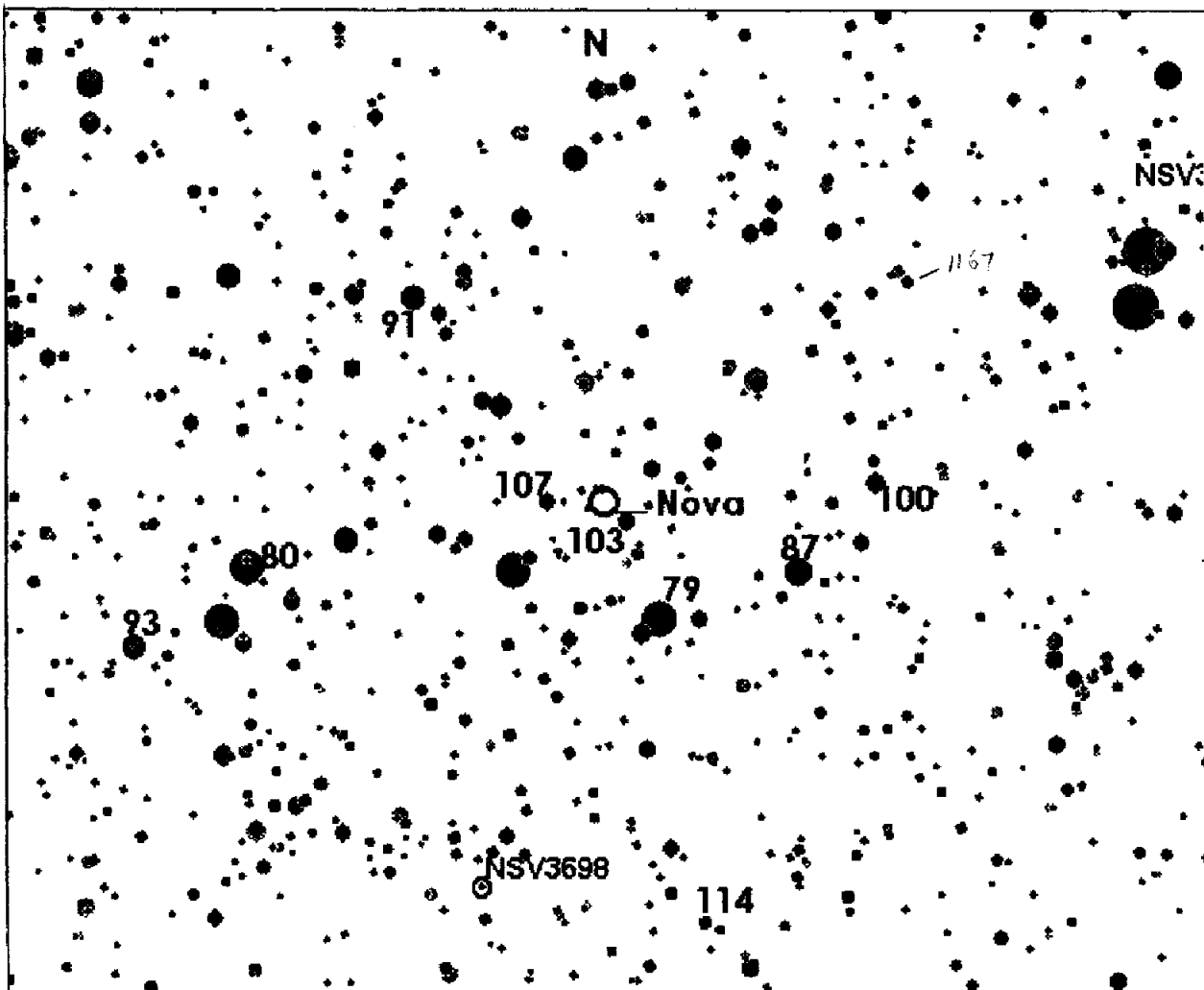
—Mati Morel

Thornton NSW 2322

E151:38:33

S32:46:47

morel@ozemail.com.au



VSM 137

Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: "W. Liller" <willer@compuserve.com>; "F.M. Bateson Astronomical Research Ltd." <varstar@xtra.co.nz>; "Rod Stubbings" <stubbo@sympac.com.au>; "Roy Axelsen" <raxelsen@bigpond.net.au>; "Peter Nelson" <pnelson@dcsi.net.au>; <pfwilliams@onaustralia.com.au>; "Peter Williams" <peter_williams@oc.nykline.com>; "Berto Monard" <LAGMonar@csir.co.za>; "Fraser Farrell" <fraser@trilobytes.com.au>; <bd_heathcote@iprimus.com.au>; "A Plummer" <ashields@zipworld.com.au>; <arpearce@ozemail.com.au>; "Alan Gilmore" <alan.gilmore@canterbury.ac.nz>; <afjones@ts.co.nz>
Sent: Saturday, 11 December 2004 8:04 PM
Attach: V574_Pup_R.gif
Subject: VSM 136 - Deep chart for V574 Pup

¹³⁷
VSM 136 (Electronic Circular) 2004 December 11.

=====

0738-26 V574 Pup = Nova Pup 2004.

Position : (2000) 7h41m53.58s -27 06'38.2"

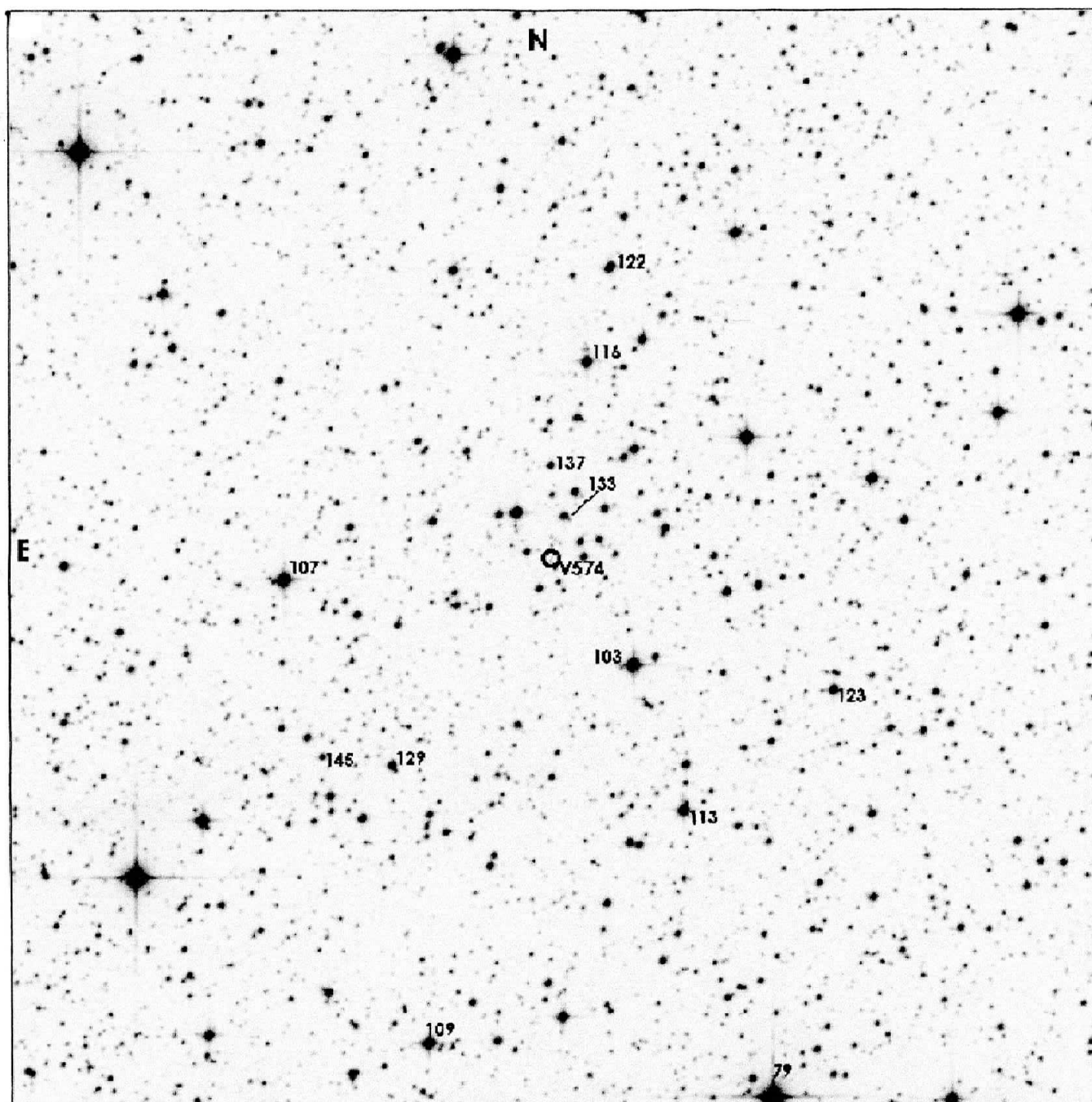
Range : 7.6 - 19p

Chart : 15' field, based on DSS red image.

Sequence : Provisional visual (UCAC2 / USNO-A2.0)

ASAS3 is still down, so a best estimate of visual magnitudes for comparison stars has been made by evaluating data from UCAC2 and USNO-A2.0.

--Mati Morel
Thornton NSW 2322
E151:38:33
S32:46:47
morel@ozemail.com.au



Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: "W. Liller" <willer@compuserve.com>; "F.M. Bateson Astronomical Research Ltd." <varstar@extra.co.nz>; "Rod Stubbings" <stubbo@sympac.com.au>; "Roy Axelsen" <raxelsen@bigpond.net.au>; "Peter Nelson" <pnelson@dcsi.net.au>; <pfwilliams@onaustralia.com.au>; "Peter Williams" <peter_williams@oc.nykline.com>; <LAGMonar@csir.co.za>; "Fraser Farrell" <fraser@trilobytes.com.au>; "Bruce Sumner" <brucesumner@hotmail.com>; <bd_heathcote@iprimus.com.au>; "A Plummer" <ashields@zipworld.com.au>; <arpearce@ozemail.com.au>; "Alan Gilmore" <alan.gilmore@canterbury.ac.nz>; <afjones@ts.co.nz>
Sent: Sunday, 19 December 2004 5:21 PM
Attach: V574_Pup_R.gif
Subject: VSM 138 - V574 Pup final V sequence

VSM 138 (Electronic circular). 2004 December 19

=====

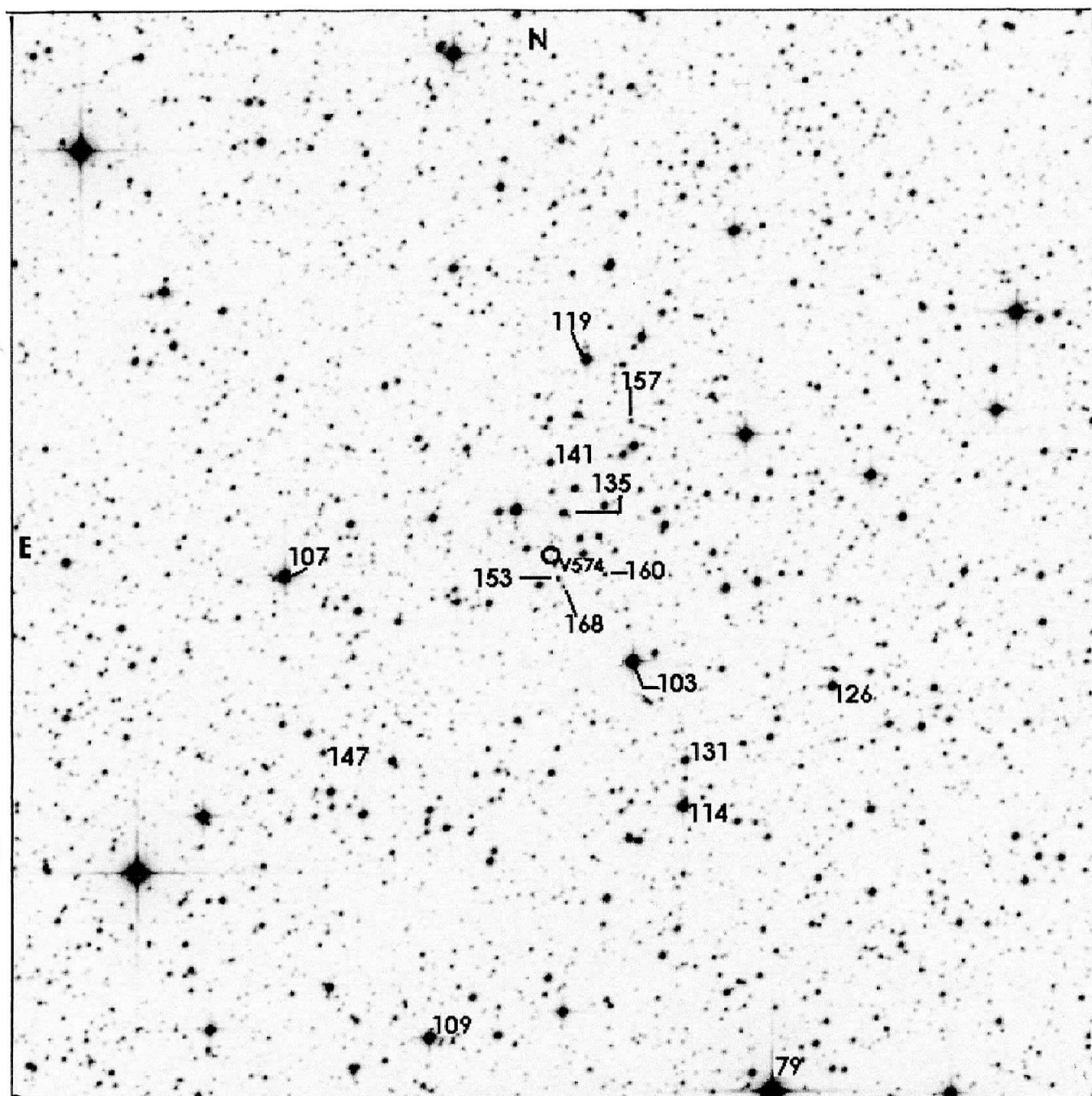
Type: nova
Position : 07:41:53.59 - 27:06:37.7 (J2000, from AAH dat file).
Magnitudes: V = 10.062, B-V = 0.225, from AAH dat file
Sequence : CCD(V), Tycho-2. V.
Chart : DSS red plate. 15' field.

An updated field chart is attached, showing the complete V sequence (except for a couple of stars).

This is now the sequence and chart to use. Please use in place of previous issues.

—Mati Morel
Thornton NSW 2322
E151:38:33
S32:46:47
morel@ozemail.com.au

VSM 138



VSM 139

Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: "W.Liller" <wliller@compuserve.com>; "F.M. Bateson Astronomical Research Ltd." <varstar@xtra.co.nz>; "Rod Stubbings" <stubbo@sympac.com.au>; "Roy Axelsen" <raxelsen@bigpond.net.au>; "Peter Nelson" <pnelson@dcsi.net.au>; <pfwilliams@onaustralia.com.au>; "Peter Williams" <peter_williams@oc.nykline.com>; "Berto Monard" <LAGMonar@csir.co.za>; "Fraser Farrell" <fraser@trilobytes.com.au>; "Bruce Sumner" <brucesumner@hotmail.com>; "Bernard Heathcote" <bd-heath@bigpond.net.au>; "A Plummer" <ashields@zipworld.com.au>; <arpearce@ozemail.com.au>; "Alan Gilmore" <alan.gilmore@canterbury.ac.nz>; <afjones@ts.co.nz>
Sent: Sunday, 13 February 2005 12:38 PM
Attach: SN2005af.gif
Subject: VSM 139 - SN 2005af (NGC 4945)

VSM 139 (electronic circular) . 2005 February 13

Object : 1259-49 SN 2005af (NGC 4945).
 Position (2000) : 13h04m44.06s -49o33'59.8"
 Discovery details: C. Jacques and E. Pimentel, Belo Horizonte, Brazil report their discovery of an apparent supernova (mag. 12.8) on unfiltered CCD images taken on Feb. 8.22 and 10.23 UT with a 0.30-m Schmidt-Cassegrain reflector in the course of the CEAMIG/REA Supernova Search. Nothing is visible on a CCD image taken by Jacques on 2004 June 20.93 (lim. mag. 18.5) or on a red DSS plate from 1976.

Ref: IAUC 8482

The SN lies just off the southwestern tip of this large, bright galaxy. SN is said to be

of type II. The galaxy is only six times further away than M31, so it is not unreasonable

to expect it to peak at possibly 10th magnitude.

The chart.

Size : 30' x 30' approx.

Plot : Guide8 + USNO-A2.0

Sequence : V down 13.0, from ASAS-3

v from 13.4 to 14.9 (USNO-A2.0 visual)

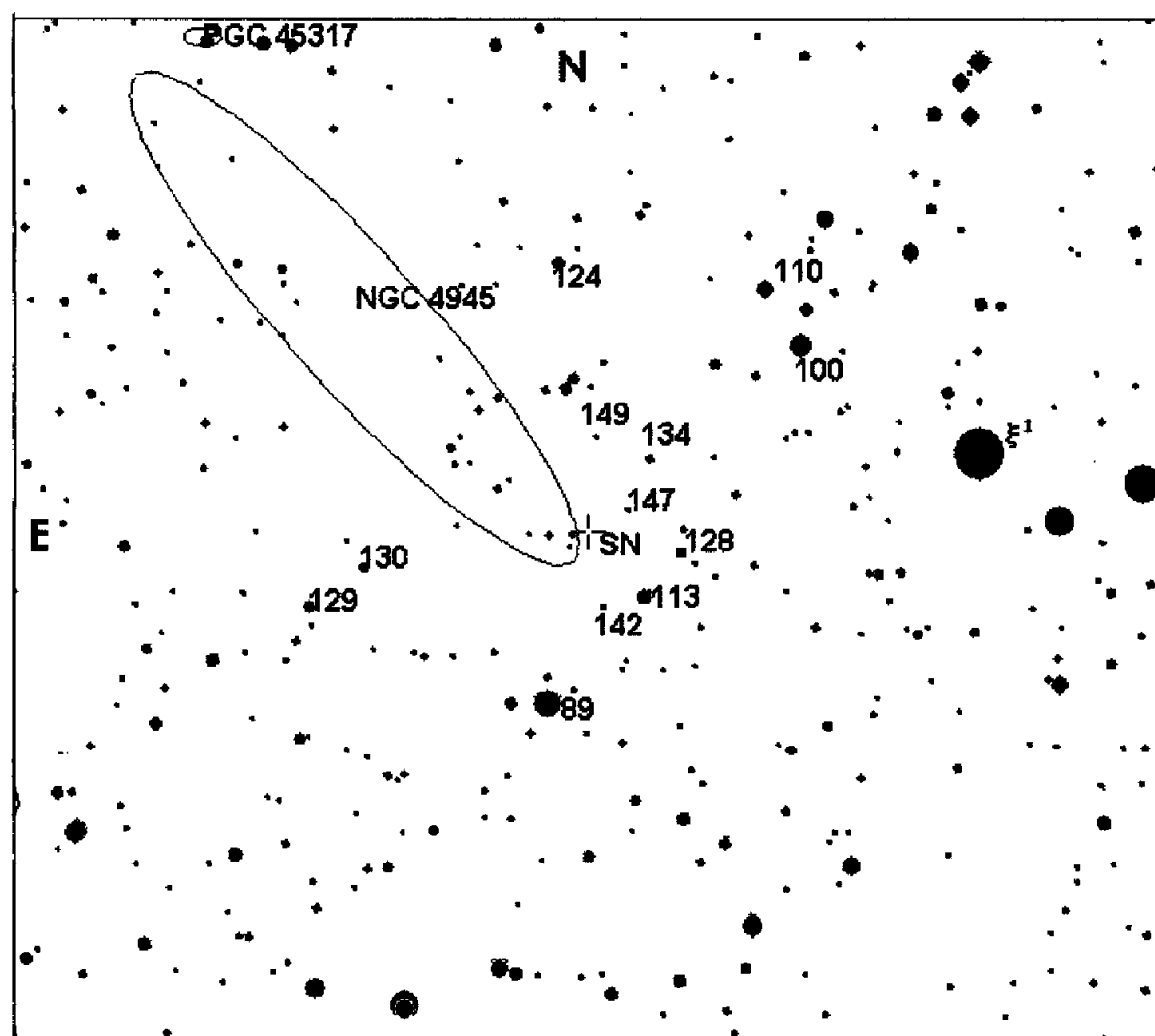
--Mati Morel

Thornton NSW 2322

E151:38:33

S 6:47

morel@ozemail.com.au



Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: "W. Liller" <willer@compuserve.com>; "Rod Stubbings" <stubbo@sympac.com.au>; "Peter Nelson" <pnelson@dcsi.net.au>; <pfwilliams@onastralia.com.au>; "Peter Williams" <peter_williams@oc.nykline.com>; "Berto Monard" <LAGMonar@csir.co.za>; "Fraser Farrell" <fraser@trilobytes.com.au>; "Bruce Sumner" <brucesumner@hotmail.com>; "Bernard Heathcote" <bd-heath@bigpond.net.au>; "A Plummer" <ashields@zipworld.com.au>; "Andrew Pearce" <arpearce@ozemail.com.au>; "Alan Gilmore" <alan.gilmore@canterbury.ac.nz>; <afjones@ts.co.nz>
Sent: Saturday, 19 March 2005 9:58 PM
Attach: Nova.gif
Subject: VSM 140 : Possible nova in Pyxis

VSM 140 (electronic circular). 2005 March 19.

=====

Object: 0914-29 Nova (?) Pyxis

Position (2000): 09h14m58.50s -29°42'37" (K. Itagaki)

A possible nova has been discovered in Pyxis, via the All Sky Automated Survey (ASAS). Reported ASAS V magnitudes are:

Mar. 5.259 UT (14.0

Mar 11.191 12.0

Mar 14.260 12.4

Mar 15.00 12.6

Mar 16.00 12.8

Also, H. Haseda, Aichi, Japan, reports an independent discovery at magnitude 13.3 on Mar 16.45 UT

Ref: IAUC 8495, 16 Mar 2005.

The chart

=====

Prepared from Guide8 plot. Field size is about 30' x 30'.

Magnitudes are V, from ASAS-3 database.

--Mati Morel

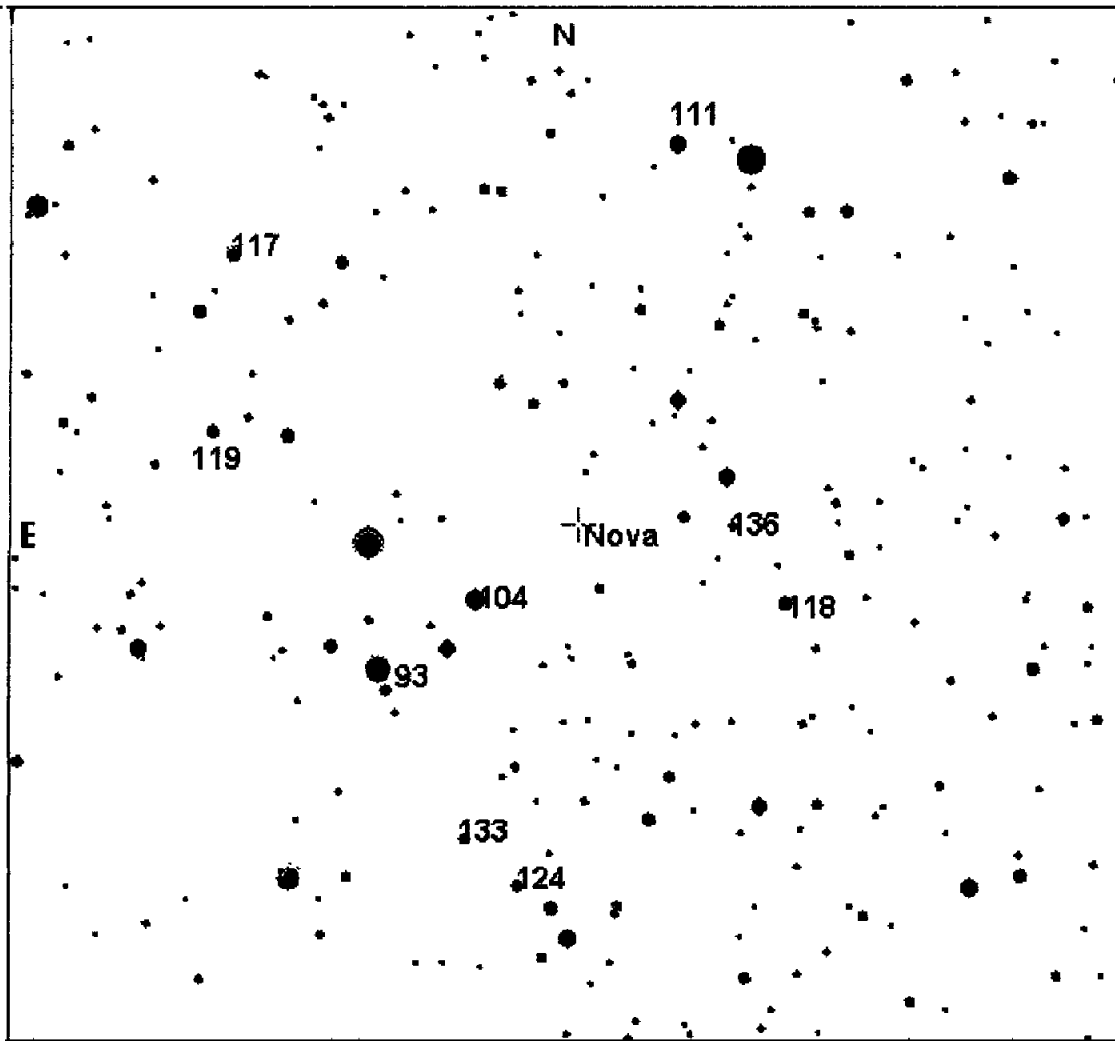
Thornton NSW 2322

E151:38:33

S32:46:47

morel@ozemail.com.au

9h18m58.50s -29°42'37"



VSM 141

Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: <aaronp@mira.aavso.org>; <afjones@ts.co.nz>; "Alan Gilmore" <alan.gilmore@canterbury.ac.nz>; "Andrew Pearce" <arpearce@ozemail.com.au>; "A Plummer" <ashields@zipworld.com.au>; <bd_heathcote@iprimus.com.au>; "Bernard Heathcote" <bd-heath@bigpond.net.au>; "Bruce Sumner" <brucesumner@hotmail.com>; "Fraser Farrell" <fraser@trilobytes.com.au>; "Berto Monard" <LAGMonar@csir.co.za>; "Peter Williams" <peter_williams@oc.nykline.com>; <pfwilliams@onaustralia.com.au>; "Peter Nelson" <pnelson@dcsi.net.au>; "Roy Axelsen" <raxelsen@bigpond.net.au>; "Rod Stubbings" <stubbo@sympac.com.au>; "W.Liller" <wliller@compuserve.com>
Sent: Sunday, 20 March 2005 9:23 PM
Attach: Nova_Nor.gif
Subject: VSM 141 : 1912-51 Nova Nor 2005

VSM 141 (electronic circular) : 2005 March 20

wrong

V382 Nor

Object : 1912-51 Nova Normae 2005

Position (2000) : ~~16h 19m 45.07s -51° 36' 07.2"~~ (B. Monard, S. Africa) 16:19:44.80 - 51:34:52.2 (P. Nelson)

W. Liller has discovered a nova in Norma, on hypersensitized TP
 film taken with an 85mm f/1.4 Nikon lens with orange filter.

Observations: Mar 9.37 UT (11R
 13.309 9.4R
 18.320 8.9R

The chart:

=====

Prepared from Guide8 plot. Field is 30' high. Magnitudes are V,
 taken from ASAS-3 database.

-Mati Morel

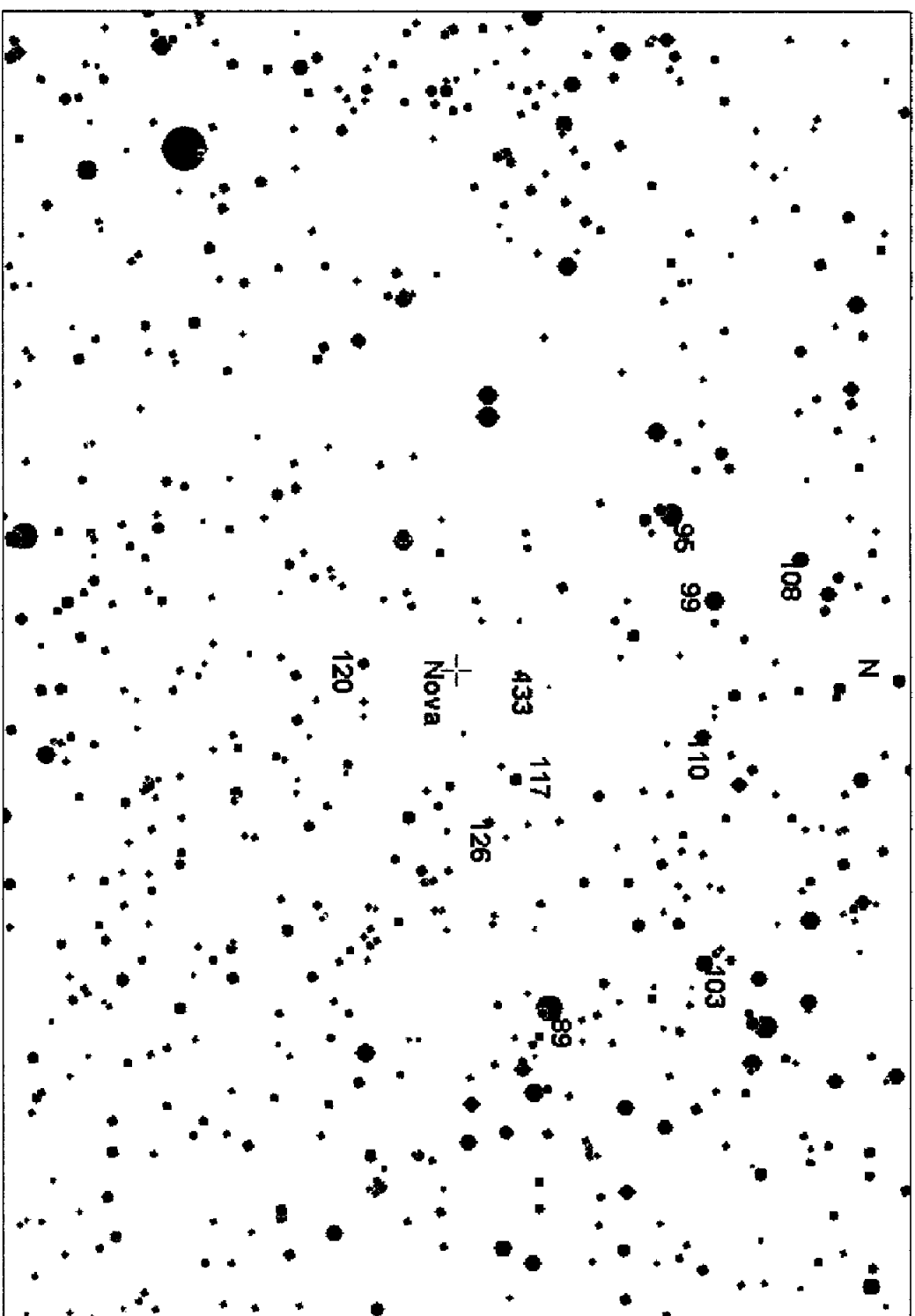
Thornton NSW 2322

E151:38:33

S32:46:47

morel@ozemail.com.au

VSM 141. 191251 Nova Normae 2005
V382 Nor



Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: "Roy Axelsen" <raxelsen@bigpond.net.au>; "W.Liller" <wliller@compuserve.com>; "Rod Stubbings" <stubbo@sympac.com.au>; "Peter Nelson" <pnelson@dcsi.net.au>; <pfwilliams@onaustralia.com.au>; "Peter Williams" <peter_williams@pc.nykline.com>; "Mike Simonsen" <mikesimonsen@mindspring.com>; <LAGMonar@csir.co.za>; "Fraser Farrell" <fraser@trilobytes.com.au>; <charts@aavso.org>; "Bruce Sumner" <brucesumner@hotmail.com>; "Bernard Heathcote" <bd-heath@bigpond.net.au>; <bd_heathcote@iprimus.com.au>; "A Plummer" <ashields@zipworld.com.au>; "Andrew Pearce" <arpearce@ozemail.com.au>; "Pearce, Andrew A." <ANDREW.PEARCE@woodside.com.au>; "Alan Gilmore" <alan.gilmore@canterbury.ac.nz>; <afjones@ts.co.nz>
Sent: Wednesday, 30 March 2005 9:52 PM
Attach: NovaSGR2005.gif
Subject: VSM 142 : Nova Sgr 2005

VSM 142 (electronic circular): 2005 March 30.

V5115 Sgr

=====

Object : 1810-25 Nova Sagittarii 2005
Position : 18H16m58.96s -25o56'38.9"
Discovery : Independently discovered by : -

- Hideo Nishimura (Kakegawa, Shizuoka-ken, Japan, using Penatx 6x7 camera + 200mm f/4.0 lens + Kodak T-Max film. New object of mag 8.7, Mar 28.779 UT
- Yukio Sakurai (Mito, Ibaraki-ken, Japan, two CCD images taken with Fuji 'Fine Pix S2' digital camera + Nikon 180mm f/2.9 lens. New object at mag. 9.1, Mar. 28.796 UT.

The Chart.

=====

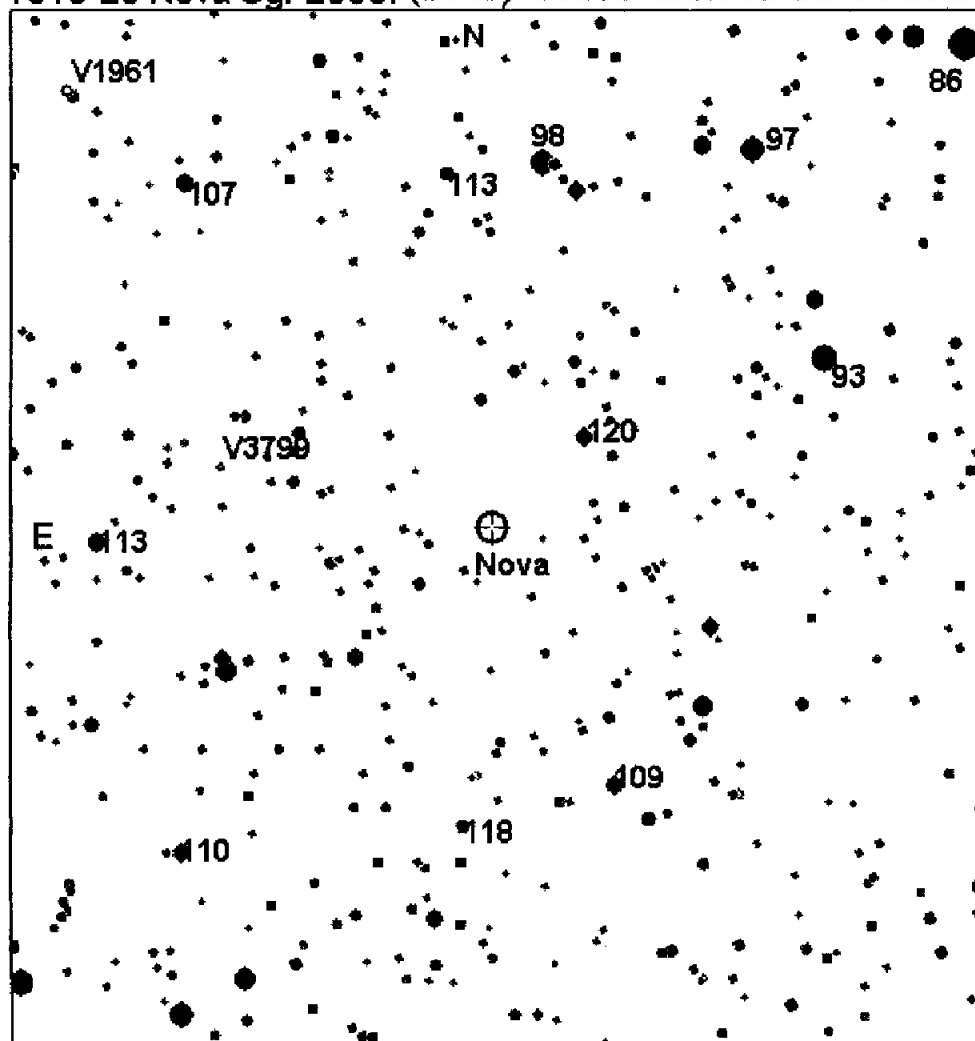
Prepared from Guide8 plot. Field is 30' high. Magnitudes are V, taken from ASAS-3 database.

--Mati Morel
Thornton NSW 2322
E151:38:33
S32:46:47
morel@ozemail.com.au

VSM
142

V5115 Sgr

1810-25 Nova Sgr 2005. (2000) 18h16m58.96s -25°56'38.9"



Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: "John Toone" <xvh01@dial.pipex.com>; "W. Liller" <willer@compuserve.com>; "Rod Stubbings" <stubbo@sympac.com.au>; "Roy Axelsen" <raxelsen@bigpond.net.au>; "Peter Nelson" <pnelson@dcsl.net.au>; <LAGMonar@csir.co.za>; "Fraser Farrell" <fraser@trilobytes.com.au>; "Bruce Sumner" <brucesumner@hotmail.com>; "Bernard Heathcote" <bd-heath@bigpond.net.au>; <bd_heathcote@iprimus.com.au>; "A Plummer" <ashiels@zipworld.com.au>; "Andrew Pearce" <arpearce@ozemail.com.au>; "Pearce, Andrew A." <ANDREW.PEARCE@woodside.com.au>; "Alan Gilmore" <alan.gilmore@canterbury.ac.nz>; <afjones@ts.co.nz>
Sent: Tuesday, 5 April 2005 9:41 PM
Attach: NovaSer2005.gif
Subject: VSM 143 : -Possible nova in Serpens

VSM 143 (electronic circular) . 2005 April 5.

V378 Ser

Object : 1743-12 Nova (?) Ser 2005

Position : (2000) 17:49:24.57 -12:59:59.2

IAUC 8505 reports the discovery of a possible nova in Serpens, in late March by the ASAS-3 project. As of April 4.353 UT, when the precise position above was measured, the object was still about mag. 11.5.

The Chart

Plotted from USNO-A2.0 stars. Field is 1 degree high. Magnitudes are V, from Tycho-2 and ASAS-3.

The object may not be completely confirmed yet, as a nova.

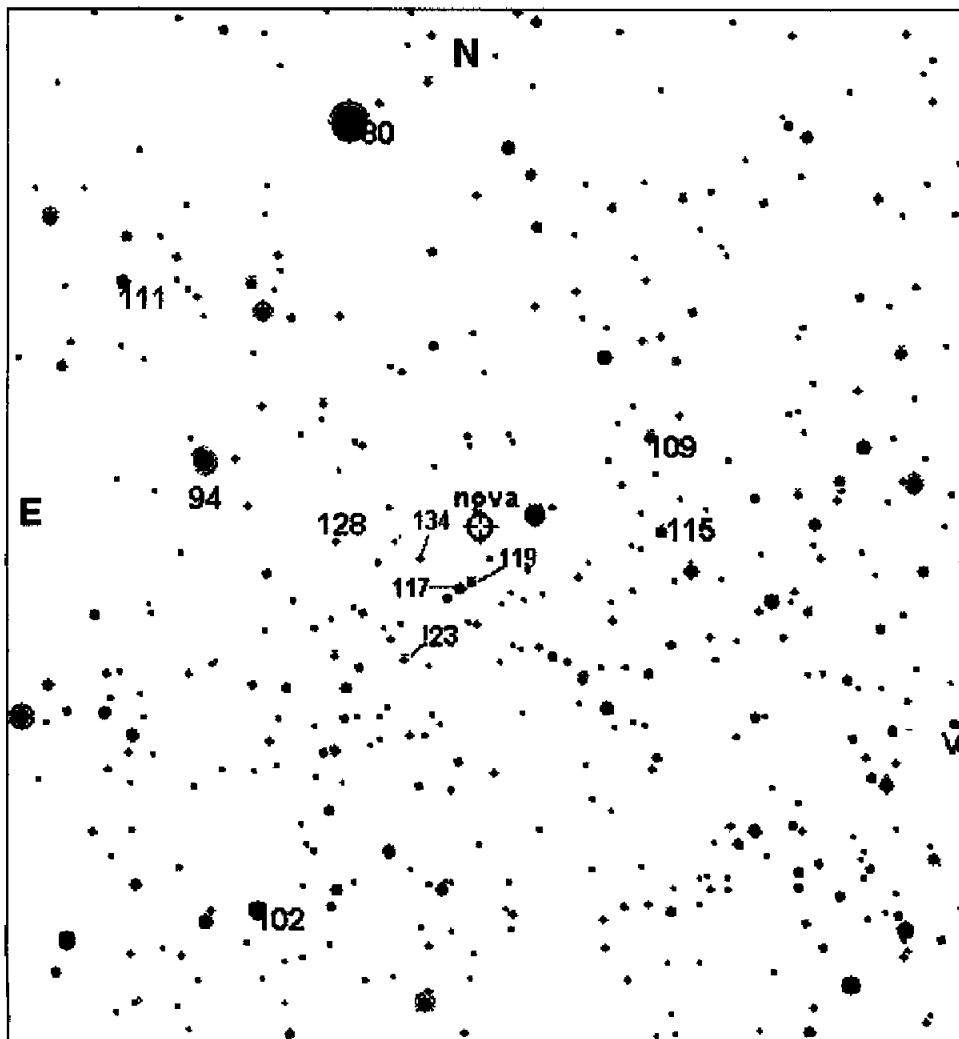
-Mati Morel

Thornton NSW 2322

E151:38:33

S32:46:47

morel@ozemail.com.au

VSM
143V378 Ser
1743-12 Nova Ser 2005. (2000) 17:49:24.6 -12:59:59

Plotted from USNO-A2.0. 1 degree field.

Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: "W. Liller" <willer@compuserve.com>; "Rod Stubbings" <stubbo@sympac.com.au>; "Roy Axelsen" <raxelsen@bigpond.net.au>; "Peter Nelson" <pnelson@dcsl.net.au>; <pfwilliams@onaustralia.com.au>; "Peter Williams" <peter_williams@oc.nykline.com>; <LAGMonar@csir.co.za>; "Fraser Farrell" <fraser@trilobytes.com.au>; "Bruce Sumner" <brucesumner@hotmail.com>; <bd_heathcote@iprimus.com.au>; "A Plummer" <ashields@zipworld.com.au>; "Andrew Pearce" <arpearce@ozemail.com.au>; "Pearce, Andrew A." <ANDREW.PEARCE@woodside.com.au>; "Alan Gilmore" <alan.gilmore@canterbury.ac.nz>; <afjones@ts.co.nz>
Sent: Tuesday, 5 July 2005 9:49 PM
Attach: NVSGR05_2.gif
Subject: VSM 144 : 1811-30 Nova Sgr 2005 no. 2

VSM 144 (electronic circular) : 2005 July 5. = V5116 Sgr
=====

Object : 1811-30 Nova Sgr No. 2

Position: (2000) 18:17:50.45 -30:26:35.1 +/-0.15sec (B. Monard)

Mag. at discovery : 8.0 (orange filter) July 4.049 UT

Bill Liller has posted his discovery of a new nova (still to be confirmed).

The position has been determined more precisely by Berto Monard.

The accompanying chart is a 1-degree field around the object, plotted from

Guide8. It is a crowded field; a sequence of V magnitudes has been selected

from I/T down to 96, with ASAS-3 V magnitudes from 98 -124.

Happy observing.

--Mati Morel

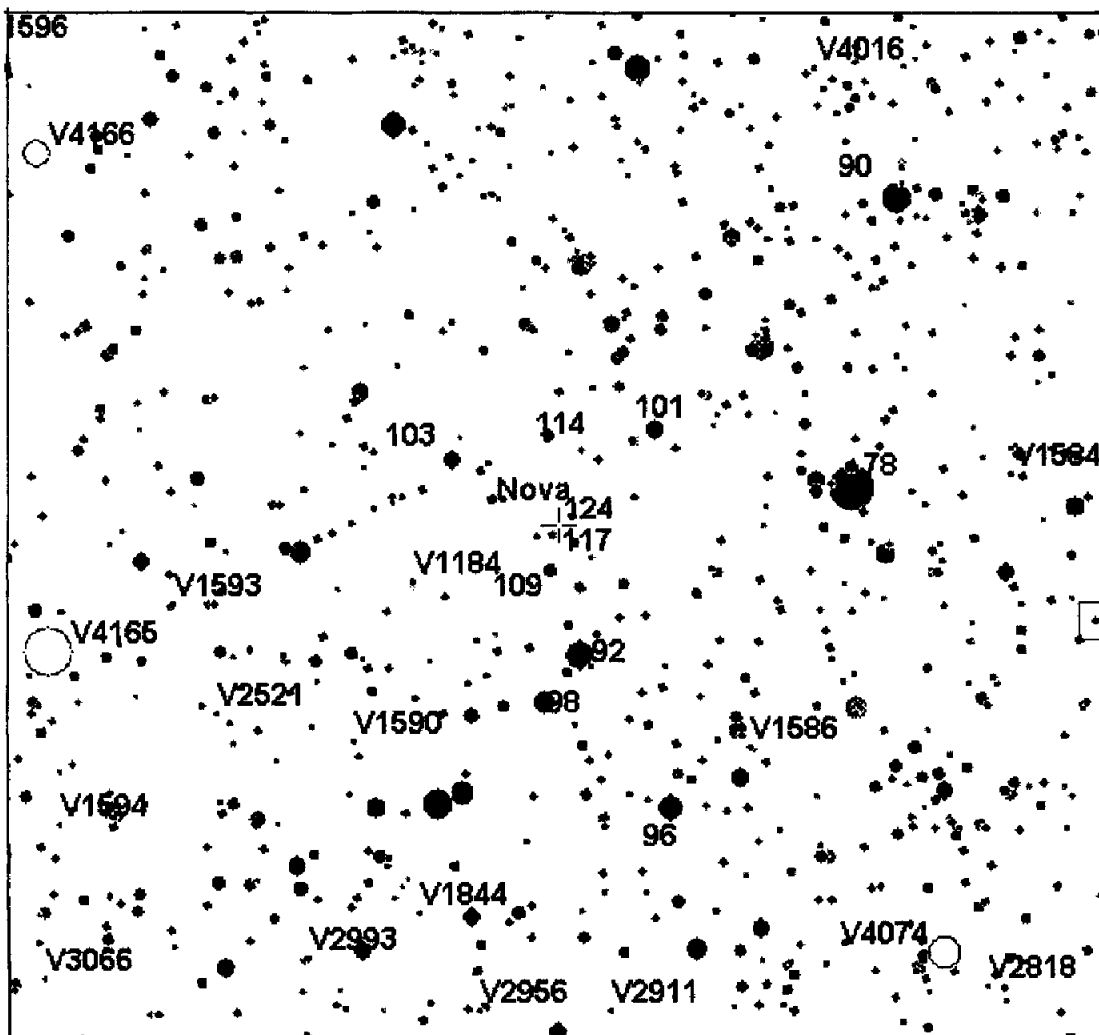
Thornton NSW 2322

E151:38:33

S32:46:47

morel@ozemail.com.au

VSM
144



VSM 145

Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: "W. Liller" <willer@compuserve.com>; "Rod Stubbings" <stubbo@sympac.com.au>; "Ron Welch" <satvis_canb@yahoo.com.au>; "Roy Axelsen" <raxelsen@bigpond.net.au>; "Peter Nelson" <pnelson@dcsi.net.au>; "Peter Williams" <peter_williams@oc.nykline.com>; <pfwilliams@onaustralia.com.au>; "Berto Monard" <LAGMonar@csir.co.za>; "Fraser Farrell" <fraser@trilobytes.com.au>; "Bruce Sumner" <brucesumner@hotmail.com>; "Bernard Heathcote" <bd-heath@bigpond.net.au>; "A Plummer" <ashields@zipworld.com.au>; "Pearce, Andrew A." <ANDREW.PEARCE@woodside.com.au>; "Alan Gilmore" <alan.gilmore@canterbury.ac.nz>; "Albert F Jones" <afjones@ts.co.nz>
Sent: Wednesday, 27 July 2005 9:19 PM
Attach: Nsco05-d.gif
Subject: VSM 145 : 1737-34 Nova Sco 2005

VSM 145 (electronic circular) : 2005 July 27

=====

Object : 1737-34 Nova Sco 2005 = ASAS 174422-3416.5

Position : (2000) 17h44m21.6s -34 16'36"

Mag. at discovery : 9.1V

Observations : 2005 July 23.287 UT inv. <14V

25.284 9.11

26.296 8.98

26.311 8.98V

Grzegorz Pojmanski, Warsaw University Astronomical Obs.
 reports the discovery of a probable nova in Scorpius. It was
 found using the ASAS3V instrument of the All Sky Automated
 Survey (telephoto lens 180/2.8, dia. 65mm + CCD + Johnson
 V filter, 3 min exposure, pixel size 14.8 arcsec, rms astrometric
 accuracy -4 arcsec).

The attached chart is by permission of the AAVSO. It has been
 produced with commendable promptness. I could not draw a
 better chart myself, so I won't bother trying.

Enjoy, and clear skies

--Mati Morel

Thornton NSW 2322

E151:38:33

S32:46:47

morel@ozemail.com.au

V1188 Sco

1737-34

(d)

N Sco 05

AAVSO
Chart

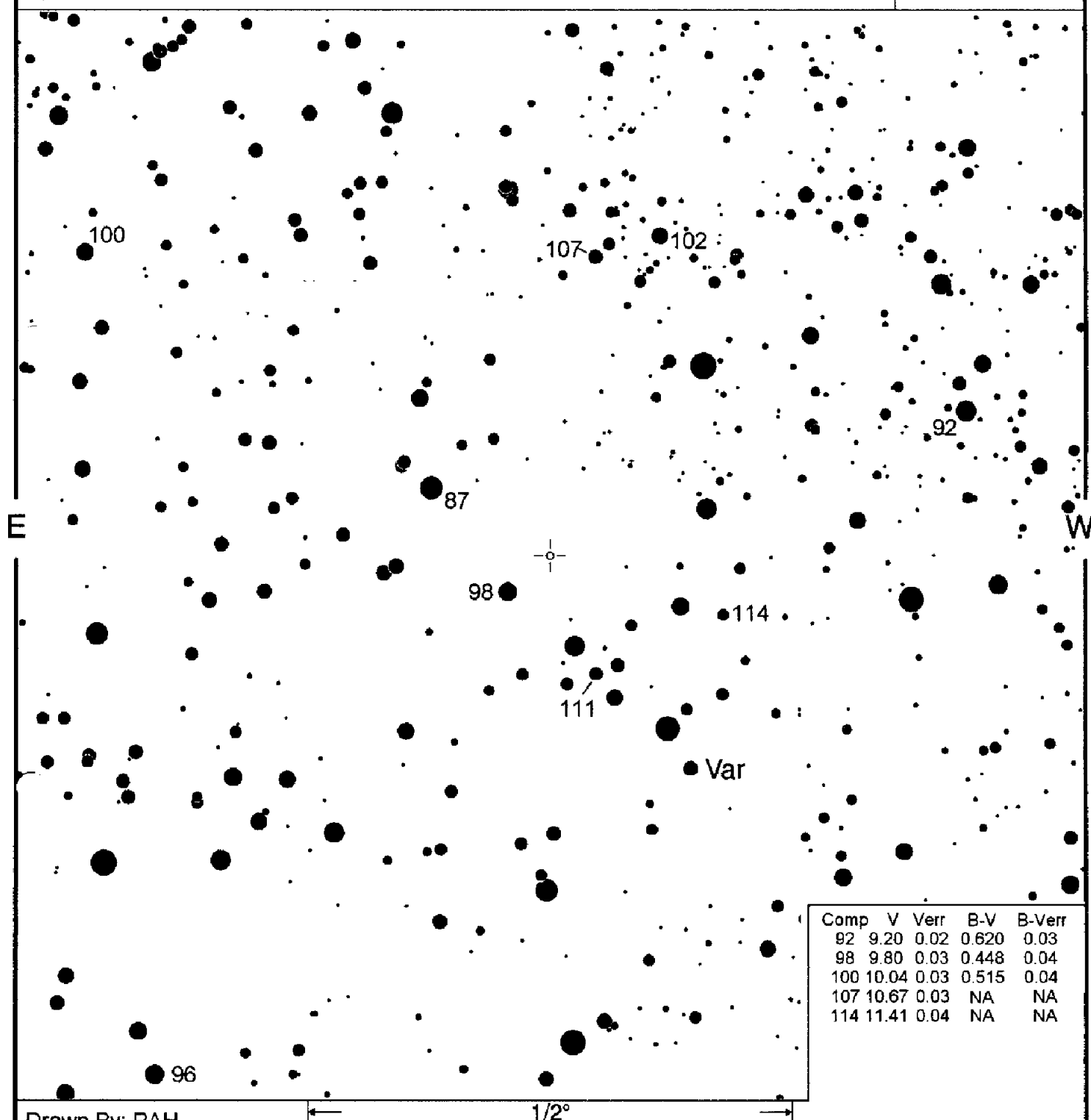
050725

Magn. -

Period -

Type - N?

Spec. -

(2000) 17^h 44^m 21.59^s -34° 16' 36"

Comp	V	Verr	B-V	B-Verr
92	9.20	0.02	0.620	0.03
98	9.80	0.03	0.448	0.04
100	10.04	0.03	0.515	0.04
107	10.67	0.03	NA	NA
114	11.41	0.04	NA	NA

Drawn By: PAH

Field: Tycho-2; USNOA2

Sequence: PAH

Photometry: CCD(BV) Tycho-2; CCD(V) ASAS-3

<http://charts.aavso.org>; charts@aaavso.org

1737-34B Var SW

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N
S
Nsc05-d

Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: <charts@aavso.org>; "Roy Axelsen" <raxelsen@bigpond.net.au>; "W. Liller" <wliller@compuserve.com>; "Rod Stubbings" <stubbo@sympac.com.au>; "Peter Nelson" <pnelson@dcsi.net.au>; <pfwilliams@onaustralia.com.au>; "Peter Williams" <peter_williams@oc.nykline.com>; "Mike Simonsen" <mikesimonsen@mindspring.com>; <LAGMonar@csir.co.za>; "Fraser Farrell" <fraser@trilobytes.com.au>; "Bruce Sumner" <brucesumner@hotmail.com>; <bd_heathcote@iprimus.com.au>; "A Plummer" <ashields@zipworld.com.au>; "Pearce, Andrew A." <ANDREW.PEARCE@woodside.com.au>; "Alan Gilmore" <alan.gilmore@canterbury.ac.nz>; "Albert F Jones" <afjones@ts.co.nz>; "Aaron Price" <aaronp@aavso.org>
Sent: Monday, 8 August 2005 5:23 PM
Attach: NovaSMC05.gif
Subject: VSM 146 : 0112-73 Nova SMC 2005

VSM 146 (electronic circular) : 2005 August 7
 =====

Object : 0112-73 Nova SMC 2005

Position: (2000) 01:14:59.9 -73:25:36 (courtesy of B. Monard)

Mag. at discovery : 10.4

Observation : Aug. 6.388 UT 10.4

W. Liller reports his discovery of an apparent nova in the SMC.

It was found on two films taken on Aug. 6.388 UT using a 20cm

Schmidt camera plus Kodak TP film, no filter. The object is just

SW of the cluster NGC 465, in a field strewn with clusters.

V magnitudes are available for a range of stars in this field,

as it was studied by Dachs (Astron. Astrophys. 9,95-109 (1970))

as part of his SMC Field 3. One of his stars, 3-8 (=HD 7583)

would have been useful, at V=10.22, to extend the sequence

at the bright end, but Hipparcos observations have shown it to be

variable. It has been designated SMC V2266.

The Chart.

=====

The chart is 15' high, basically plotted using Guide8. Some of the

clusters appear in the GSC as swollen blobs. These exaggerated

renditions have edited out, or toned down for this chart. Most of

Dachs' photometry is collected together in Brian Skiff's LONEOS

database.

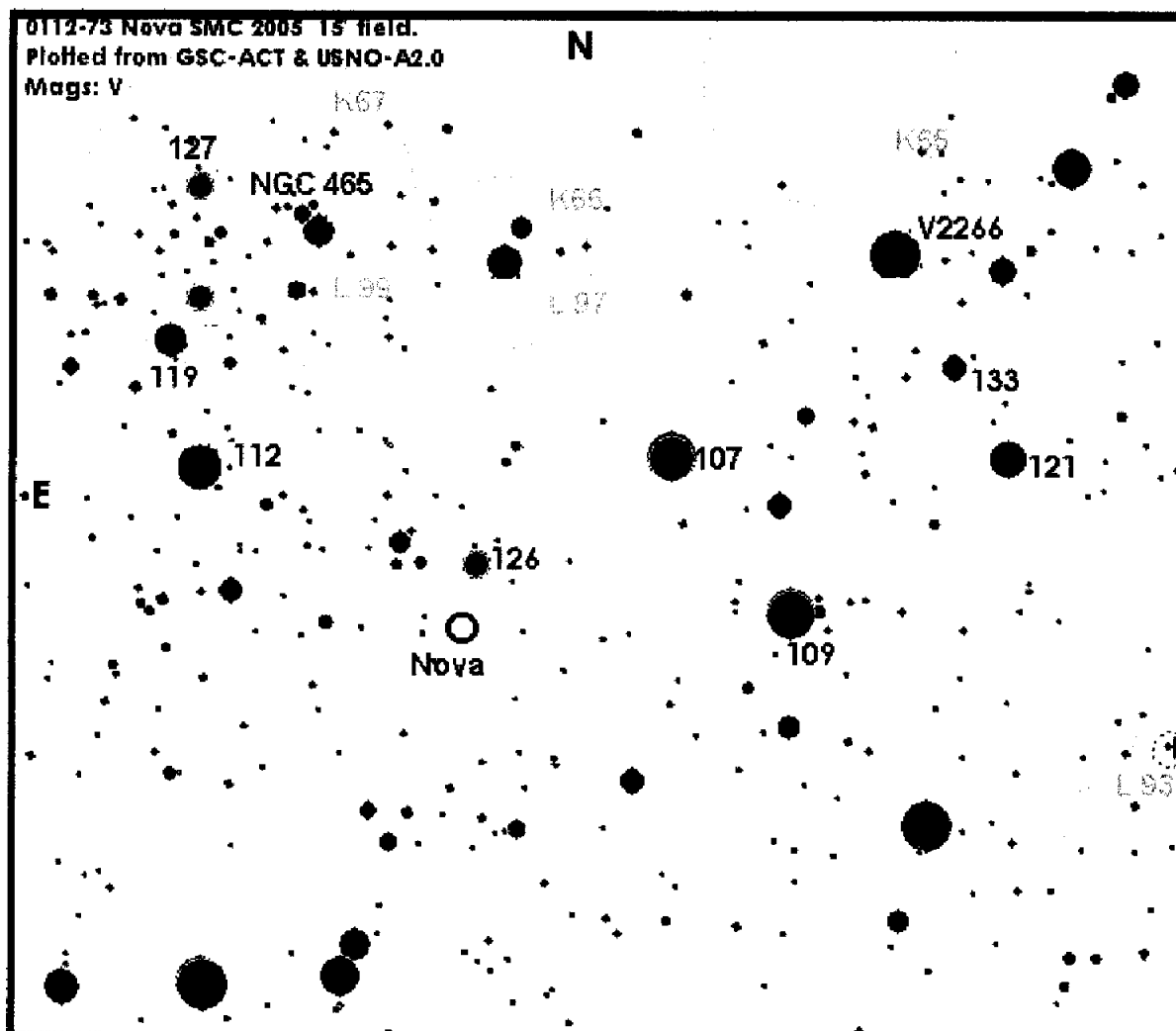
--Mati Morel

Thornton NSW 2322

E151:38:33

S 6:47

morel@ozemail.com.au



VSM 147

Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: "Aaron Price" <aaronp@aavso.org>; "W. Liller" <wliller@compuserve.com>; "Rod Stubbings" <stubbo@sympac.com.au>; "Roy Axelsen" <raxelsen@bigpond.net.au>; "Peter Nelson" <pnelson@dcsi.net.au>; <pfwilliams@onaustralia.com.au>; "Peter Williams" <peter_williams@oc.nykline.com>; "Berto Monard" <LAGMonar@csir.co.za>; "Fraser Farrell" <fraser@trilobytes.com.au>; "Bruce Sumner" <brucesumner@hotmail.com>; "Bernard Heathcote" <bd-heath@bigpond.net.au>; "A Plummer" <ashields@zipworld.com.au>; "Andrew Pearce" <arpearce@ozemail.com.au>; "Pearce, Andrew A." <ANDREW.PEARCE@woodside.com.au>; "Alan Gilmore" <alan.gilmore@canterbury.ac.nz>; <afjones@ts.co.nz>
Sent: Sunday, 4 September 2005 10:29 AM
Attach: Nova_Cen05.gif
Subject: VSM 147 : Possible nova in Centaurus

VSM 147 (electronic circular) : 2005 September 3

=====

Object : 1314-62 Nova (?) Cen 2005. Possible nova.

Position: (2000) 13h20.8m -62 37'

Mag. at discovery : 8.5

W. Liller reports his discovery of a possible nova in Centaurus.

The object was found on Sept. 1.031UT, on Kodak TP film.

Magnitude was 8.5. Nothing was seen at this spot to mag. 11.0

on 12.050. Confirmation is required. No observations were

possible from Thornton NSW because of rain and cloud.

A sequence of comparison stars has been prepared, below.

Star	RA (2000)	DEC	V	B-V	HD
=====					
a	13:18:35.4	-62:29:28	8.00	0.14	115455 Tycho2
b	13:21:11.3	-62:54:30	8.24	1.26	115845 "
c	13:20:41.5	-62:22:45	9.20	1.20	115780 "
d	13:23:06.9	-62:37:09	9.71	0.51	"
e	13:21:33.9	-62:39:08	10.44	0.20	
f	13:19:56.1	-62:46:20	10.77	0.16	
g	13:21:18.7	-62:43:26	11.28	1.09	
h	13:19:59.9	-62:33:29	11.56	0.69	

BV data for stars e,f,g and h taken from Sequence 1,
 (McGruder & Schnur, Astron. Astrophys. 14,164-166 (1971)).

Chart: Guide8 plot. 1 degree field. Mags: V. The position of the
 nc suspect is marked by a cross. Approximate position. :

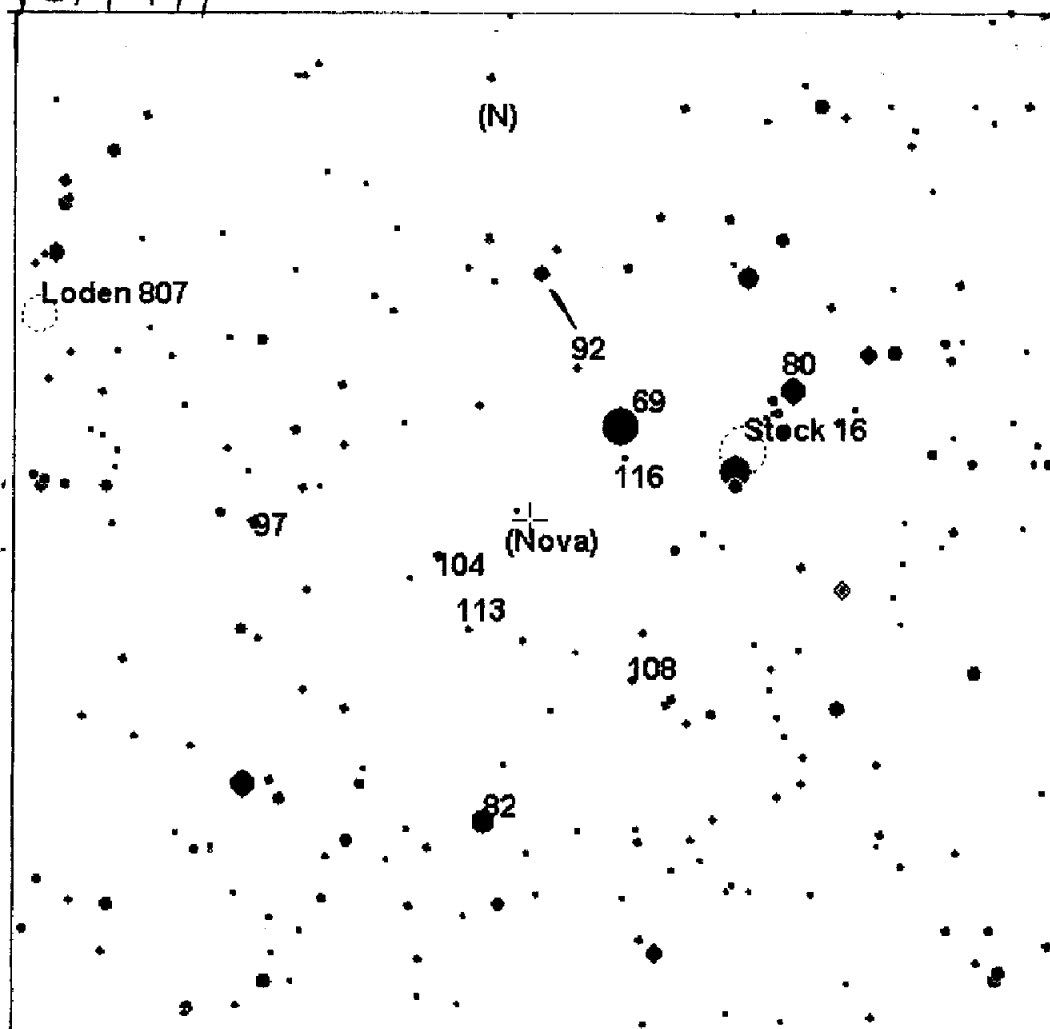
--Mati Morel

Thornton NSW 2322

E151:38:33

S32:46:47

morel@ozemail.com.au



Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: "Sebastian Otero" <varsao@fullzero.com.ar>; "Roy Axelsen" <raxelsen@bigpond.net.au>; "W. Liller" <willer@compuserve.com>; "Rod Stubbings" <stubbo@sympac.com.au>; "Ron Welch" <satvis_cnb@yahoo.com.au>; "Peter Nelson" <pnelson@dcsl.net.au>; <pfwilliams@onaustralia.com.au>; "Peter Williams" <peter_williams@oc.nykiine.com>; <LAGMonar@csir.co.za>; "Fraser Farrell" <fraser@trilobytes.com.au>; "Bruce Sumner" <bruce.sumner@hotmail.com>; "Bernard Heathcote" <bd-heath@bigpond.net.au>; "A Plummer" <ashields@zipworld.com.au>; "Andrew Pearce" <arpearce@ozemail.com.au>; "Pearce, Andrew A." <ANDREW.PEARCE@woodside.com.au>; "Alan Gilmore" <aian.gilmore@canterbury.ac.nz>; "Albert F Jones" <afjones@ts.co.nz>; <aavso-charts@yahoogroups.com>
Sent: Thursday, 8 September 2005 11:23 AM
Attach: N_Cen05.gif
Subject: [aavso-charts] VSM 148 - chart & deep sequence for Nova Cen 2005

VSM 148 (electronic circular) : 2005 September 8
 =====

Object : 1314-62 Nova Cen 2005

Position : (2000) 13:20:49.74 -62:37:50.5

This VSM provides a deep chart & sequence based mainly on the photoelectric sequence of McGruder & Schnur (1971).

Sequence:

=====

Sta. RA (2000) DEC V B-V S HD

=====

a	13:18:35.4	-62:29:28	8.00	0.14	T2	115455
b	13:21:11.3	-62:54:30	8.24	1.26	T2	115845
c	13:20:41.5	-62:22:45	9.20	1.20	T2	115780
d	13:23:06.9	-62:37:09	9.71	0.51	T2	
e	13:21:33.9	-62:39:08	10.44	0.20	1	
f	13:19:56.1	-62:46:20	10.77	0.16	1	
g	13:21:18.7	-62:43:26	11.28	1.09	1	
h	13:19:59.9	-62:33:29	11.56	0.69	1	
i	13:20:53.8	-62:36:34	12.11		2	Verr = 0.05
j	13:20:24.0	-62:35:21	12.48	0.75	1	
k	13:20:43.1	-62:34:03	13.04		2	Verr = 0.12
l	13:21:28.5	-62:35:49	13.44		2	Verr = 0.12
m	13:20:51.0	-62:39:57	13.72		2	Verr = 0.16
n	13:21:39.4	-62:31:34	13.96	0.66	1	
o	13:21:29.5	-62:39:51	14.21	0.73	1	
p	13:20:47.8	-62:42:00	14.69	0.68	1	
q	13:21:27.0	-62:39:34	15.67	0.64	1	

Sources :

T2 Tycho-2

1 McGruder, C.H. & Schnur, G. Astron. Astrophys. 14,164 (1971)

2 ASAS-3

My chart has been compared with Sebastian Otero's chart. Most of my sequence stars appear on his chart, with no significant discrepancies.

--Mati Morel

Thornton NSW 2322

E151:38:33

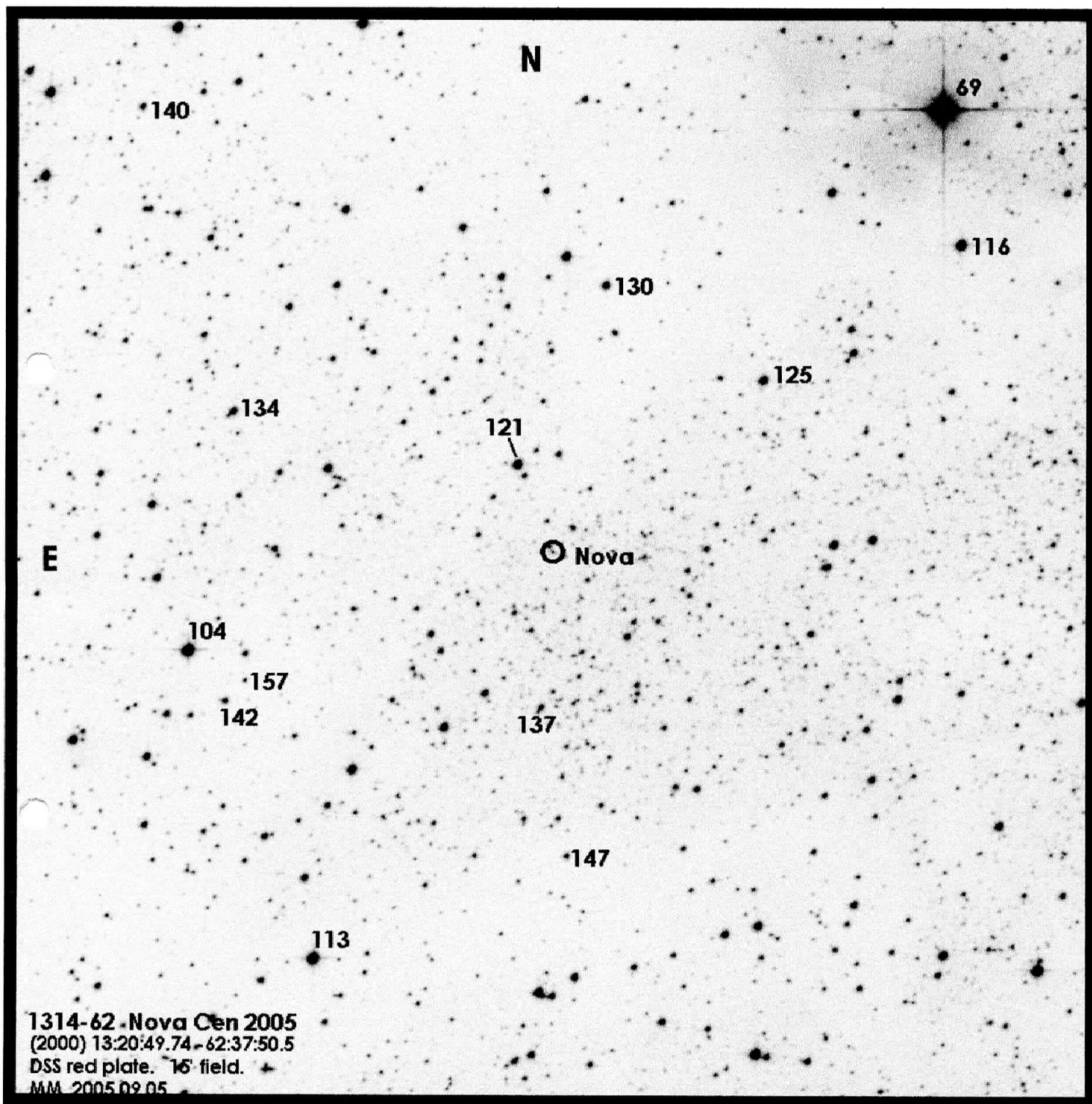
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morel@ozemail.com.au

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VSM 148



147 = NSV 19732

Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: "W.Liller" <willer@compuserve.com>; "Sebastian Otero" <varsao@fullzero.com.ar>; "Fraser Farrell" <trilobytes2@internode.on.net>; "Rod Stubbings" <stubbo@sympac.com.au>; "Ron Welch" <satvis_canb@yahoo.com.au>; "Roy Axelsen" <raxelsen@bigpond.net.au>; "Peter Nelson" <pnelson@dcsi.net.au>; <pfwilliams@onaustralia.com.au>; "Peter Williams" <peter_williams@oc.nykline.com>; "Berto Monard" <LAGMonar@csir.co.za>; "Bruce Sumner" <brucesumner@hotmail.com>; <bd_heathcote@iprimus.com.au>; "A Plummer" <ashields@zipworld.com.au>; "Pearce, Andrew A." <ANDREW.PEARCE@woodside.com.au>; "Alan Gilmore" <alan.gilmore@canterbury.ac.nz>; "Albert F Jones" <afjones@ts.co.nz>; <aaronp@mira.aavso.org>
Sent: Sunday, 2 October 2005 11:03 AM
Attach: N_sct05.gif
Subject: VSM 149 - Nova Sct 2005.

VSM 149 (electronic circular) : 2005 October 2.

V476 Sct

Object : 1826-06 Nova Scuti 2005

Position : (2000) 18h32.1m -06o43.6'

An apparent nova has been discovered by Akira Takao, on unfiltered CCD images, on 2005 Sept. 30, mag. 10.3, which implies a red magnitude.

The object has been confirmed by Mike Linnolt (Calif. USA), V =11.8, on Oct. 01:0500 UT.

Chart

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The attached chart is a plot from Guide 8. Field size is 1 degree, Mags are V (rounded), from Tycho-2 and ASAS-3.

I am awaiting a more accurate position for the nova. The position shown is subject to refinement.

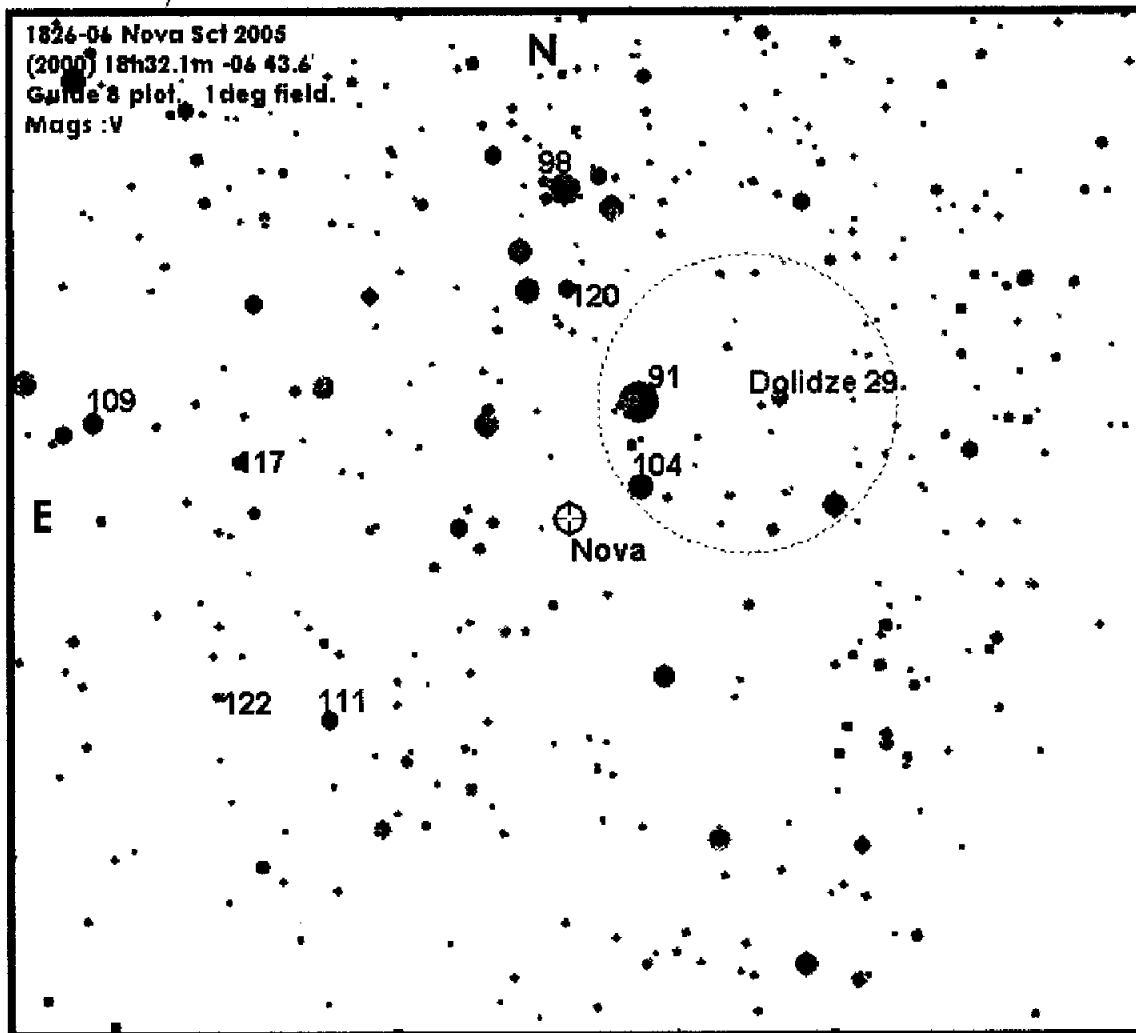
--Mati Morel

Thornton NSW 2322

E151:38:33

S32:46:47

morel@ozemail.com.au



Mati Morel

From: "Mati Morel" <morel@ozemail.com.au>
To: "W. Liller" <willer@compuserve.com>; "Fraser Farrell" <trilobytes2@internode.on.net>; "Rod Stubbings" <stubbo@sympac.com.au>; "Roy Axelsen" <raxelsen@bigpond.net.au>; "Peter Nelson" <pnelson@dcsi.net.au>; <pfwilliams@onastralia.com.au>; "Peter Williams" <peter_williams@oc.nykline.com>; <LAGMonar@csir.co.za>; "Graham Long" <grahamlong@dodo.com.au>; "Bruce Sumner" <brucesumner@hotmail.com>; "Bernard Heathcote" <bd-heath@bigpond.net.au>; <bd_heathcote@iprimus.com.au>; "A Plummer" <ashields@zipworld.com.au>; "Pearce, Andrew A." <ANDREW.PEARCE@woodside.com.au>; "Alan Gilmore" <alan.gilmore@canterbury.ac.nz>; "Albert F Jones" <afjones@ts.co.nz>
Sent: Saturday, 15 October 2005 6:10 PM
Attach: v477sct.gif
Subject: VSM 150 : Nova Scuti 2005 No. 2

VSM 150 (electronic circular) : 2005 October 15.
=====

Object : 1833-12 Nova Scuti 2005 No. 2

Position : (2000) 18h38m43s -12°16.3'

Another apparent nova has been discovered in Scutum, independently by the ASAS3 system (Oct. 11.026 UT (at V=12.0) and 13.066 UT (V=10.4)), and also by K. Haseda (Aichi, Japan, 400mm f/4 telephoto lens + TMax 400 film) on photographs taken on Oct. 13.419 and 13.420 Mag. 10.6.

Early dissemination of this discovery is made by Electronic Telegram No. 253 of the CBAT.

Chart:

====

An excellent chart (revised) has been prepared by Reinder Bouma, Netherlands at <http://shopplaza.nl/astro/vs-charts/V477sct.png>

I am only too happy to acknowledge my appreciation to Reinder Bouma for his promptness in posting a chart. I attach his chart (slightly modified).

It is presumed that the object will be named V477 Sct. It generally takes several days or a week before the GCVS team gets around to conferring a moniker. The thing has only just been announced, let alone confirmed as a classical nova.

—Mati Morel

Thornton NSW 2322

E151:38:33

12:46:47

morel@ozemail.com.au

1833-12 V477 SCUTI (Nova 2005 #2)

Field 45x60'

R.A. 18h 38m 43s

Chart from Guide8

Dec. -12° 16.3' (J2000.0)

Sequence: Tycho-2 (V) + ASAS-3 (V)

revision RJB14102005

