

# The Astronomer

Section 1, TA Circulars Service.

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MONTHLY

## Nova Andromedae 1986

H. Kosai, Tokyo Astronomical Observatory, telexes that Mitsuri Suzuki, Ena City, Gifu, discovered a nova of mpv 8.0 with 200mm camera, Tri-X, green filter, on Dec. 5.44UT at RA  $23^h09^m.5$  DEC  $+47^\circ10'$  (1950). Images were subsequently identified by M. Honda, Kurashiki, on Dec. 4.40 and 5.39, at mag 8 and 7.5 (Tri-X film), respectively, and by M. Wakuda on Dec. 4.4. The object was not present on Honda's films on Dec. 2.

Kosai also reports that spectroscopic observations by Y. Norimoto at the Okayama Station on Dec. 8.40 UT showed strong emissions of H alpha and beta with blue-shifted absorption. There were other emissions near 500 nm, and the magnitude was V about 7.

In response to a TA cable message earlier today, R. Bouma, Groningen, Netherlands, has telephoned the following results to TA:

Dec. 8.91UT, 6.5 (Bouma, 15cm spec); 8.91, 6.6 (Comello, 20cm Celestron); 8.9, 6.7 (Feijth, 11cm spec?).

A further telephone report has reached us from P. Schmeer in Germany with the following data:

Dec. 8.91UT, 6.6 (D. Fischer, 8x65B); 8.94, 6.5 (S. Korth); 8.94, 6.3 (P. Schmeer, 7x50B); 8.94, 6.5 (Fischer).

Preliminary sequence for chart opposite:

1, 4.5; 2, 5.3; 3, 5.7; 4, 6.7; 5, 7.0; 6, 7.1; 7, 8.2; 8, 8.9.

## No Nova in Lacerta

With reference to the object announced on E.W.C. 86, several observers have reported that no object has been detected in the position quoted by Honda. He confirms the object was recorded on two simultaneous photos but Shibasaki found no object brighter than 16 with the 0.5-m Schmidt at Dodaira on Nov 25.5UT.

## Comet Lovas (1986p)

Ephemeris for a faint comet found by Lovas on Nov 28:

Dec 9	1h 54m.35	+14°01'9	1.199	2.022	134.8	15.47
10	1 55 .22	+14 04.2	1.208	2.025	134.0	
11	1 56 .11	+14 06.6	1.217	2.027	133.2	
12	1 57 .03	+14 09.1	1.226	2.029	132.4	
13	1 57 .96	+14 11.7	1.235	2.032	131.6	
14	1 58 .92	+14 14.5	1.244	2.034	130.9	
15	1 59 .90	+14 17.4	1.254	2.037	130.1	
16	2 00 .91	+14 20.4	1.263	2.039	129.3	

## Periodic Comet Halley (1982i)

Recent results: Nov. 30.84UT, 12.5 (Y. Sugiyama, Japan, 0.16-m reflector);

Dec. 3.54, 11.8 (C. Morris, USA, 0.26-m reflector); 4.83, 12.3 (Sugiyama).

## (1026) Ingrid

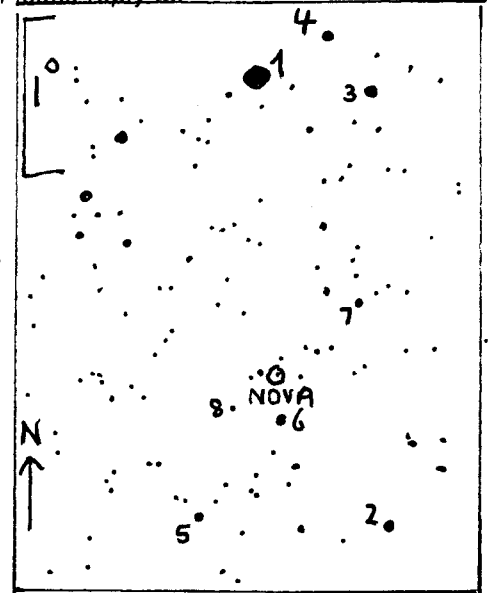
S. Nakano, Center for Astrophysics, has identified this long lost minor planet with 1986 ES2 an object observed at Palomar on Mar 6 and 8.

## (1179) Mally

Schmadel and West report the recovery of this faint long-lost minor planet. Further details in TA December.

With the recovery of (1026) and (1179) the number of lost planets reduces to four out of 3,516!

Please reply to:



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