

FB

EE GH TAGRP SU THE ASTRONOMER URGENT

.ex

THE ASTRONOMER Electronic Circular No 151 1988 May 06 20.50UT.  
Telecom Gold 72:MAG60138

Ed:Guy M Hurst, 16, Westminster Close, Kempshott Rise, Basingstoke,  
Hants, RG22 4PP, England. Telephone:(0256)471074.Int:+44256471074  
Telex:265871(MONREF G) Quote"72:MAG60138 ATT G.HURST" in FIRST line.

---

SUPERNOVA 1988L IN NGC 5480

S. Perlmutter and C. Pennypacker communicate: "The Berkeley Automated Supernova Search reports the discovery of a supernova in NGC 5480 (R.A. = 14h04.51m, Decl. = +50 57'.7, equinox 1950.0) in images obtained during Apr. 30.37-30.41 UT and confirmed during May 3.39-3.44 UT. The object, of mag 16.5, is 2".5 east and 13" north of the galaxy's nucleus. The supernova did not appear (95-percent confidence level) on a reference image taken in May 1987 to limiting mag 18.5."

R. Graham and B. T. Soifer, California Institute of Technology, report infrared magnitudes J = 15.15, H = 14.90, K = 14.85 (uncertainty 5 percent), obtained on May 4.1 UT with the 5-m reflector at Palomar, suggesting that the object is a supernova of type Ia, about 10 days past maximum. They refine the offset from the nucleus to 3".3 east, 14".3 north. IAUC 4590

CH UMA

S.Lubbock, Bridgend and M.Gainsford report that this UG variable is again 'bright' and nightly observations are encouraged. Please e-mail your results. (cf E-144)

X-RAY NOVA IN VULPECULA

S.Okamura, and T.Noguchi, Toyko Astronomical Observatory, Kiso Station, telex that they have found two possible candidates (cf E-150) by examination of the Palomar Sky Survey charts and several plates taken with the Kiso Schmidt:

Candidate A (RA 20h01m01.53s DEC +25 08'57.8" (1950) is a red variable object (B-R=+4 Palomar) with B=18.5 on Palomar chart, [19.5 in 1983 and 17.5 on 1988 Apr 28.

Candidate B (RA 20h00m42.86s DEC +25 05'43.5" (1950) is totally invisible on both Palomar charts and on Kiso plates taken in 1978 and 1983, but it does appear at B=17.5 on the 1988 Apr 28 plate and also on a red plate taken on Apr 30. IAUC 4589

Guy M Hurst