

Tel: 0604 811030.
for information.

The Astronomer

Production:
Anne Hurst.

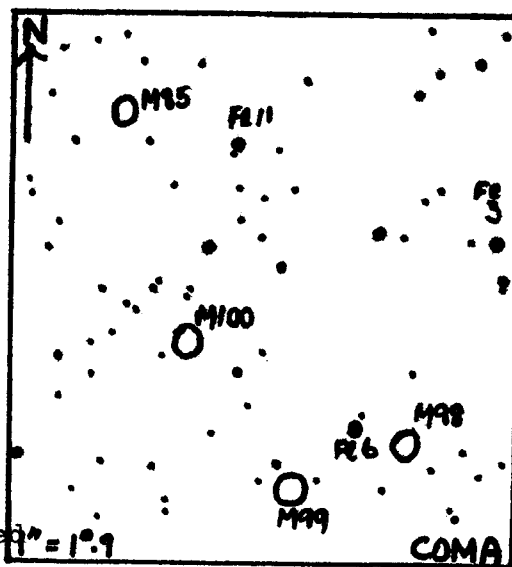
Founded 1984

1979 April 24.

Supernova in NGC 4321

Marsden telexes that Mattei and Rosino have reported discovery of a supernova by Johnson in the galaxy NGC 4321 (= M100). The galaxy is located at: 12h 20m.4 +16°06' (1950) in Coma. The discovery was made on 1979 Apr. 19.125UT at mag 12.0 visual. The supernova has been confirmed by Rafanelli and is located 90" east and 90" south of the nucleus. The object is possibly of Type II near maximum.

A location chart for the galaxy appears opposite. It is not possible at this stage to provide an 'instant' sequence but it is suggested that a drawing of the galaxy and its surrounds is made by visual observers and the supernova compared with labelled comparison stars and the full results and drawing submitted to the Editor for later reduction. Photographs at prime focus will also be very welcome.



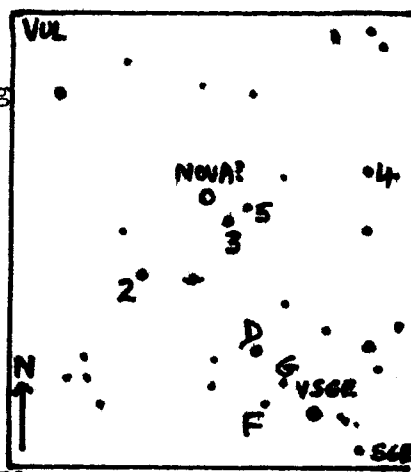
Nova-Like Object in Vulpecula

In response to the announcement on EWC 34, B. Manning has photographed and measured this object, with reductions by Birtwhistle, which gave the following precise position:

(1950)

1979 Apr. 13.15278UT. 20h19m01s.07 +21°24'44".0

An exposure by M. Swan on Apr. 3.175UT has also yielded a pre-discovery set of images on twin shots secured with 55mm f1.8 lens on HP5. The magnitude was estimated to be 8.6pv. G.M. Hurst estimated the magnitude on Apr. 22.063UT to be 9.2v. A further chart appears opposite with stars 2 to 5 as reported on EWC 34. The additional comparisons from AAVSO V Sge (b) chart are: D= 9.2; F=10.7; G=10.9.



Nova Search Meeting/Annual Award Slips

Readers of 'The Astronomer' are reminded to return the above-mentioned slips which were enclosed in the April issue as soon as possible to:

Mrs Anne Hurst, 12, Clare Close, Earls Barton, Northampton, NN6 0PP.

Anyone in the Yorkshire area interested in attending the Nova Search Meeting should contact John Hosty, 81, Blackmoorfoot Road, Crosland Moor, Huddersfield, West Yorkshire, HD4 5AP as soon as possible as he may be able to assist with transport.