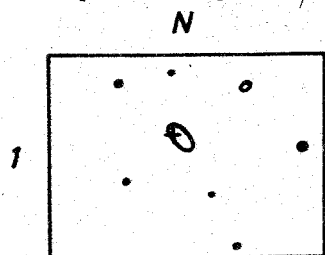


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TWO SUPERNOVAE 1953 IN FAINT GALAXIES

By comparing plates of the Schmidt-telescope of the Karl-Schwarzschild-Observatory, Tautenburg, with the Palomar Sky-Survey prints two supernovae have been found:

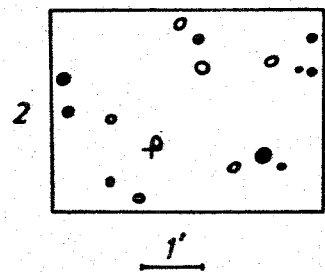


1. SN in galaxy 16^m (Anon)
 $RA = 10^h 56^m 15^s$
 $D = + 50^\circ 31.9$ (1950)

SN about 10" NE of nucleus.

Magnitudes:

- 16^m.5 on 1953 Feb 13/14 (plate 0-673)
 18^m.0: on 1953 Mar 15/16 (plate 0-709)



2. SN in galaxy 19^m.5 (Anon)
 $RA = 11^h 00^m 45^s$
 $D = + 50^\circ 06.7$ (1950)

SN about 3" S of centre.

Magnitude:

- 17^m.0 on 1953 Mar 15/16 (plate 0-709)

• stars + SN

o galaxies

From the second supernova radio emission has possibly been observed in the 5 C 2-survey. Its position coincides with the source 5 C 2.108. For details see P. Notni et al (1).

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(1) P. Notni, H. Oleak, G.- M. Richter, Proceedings of the IAU symposium No.44, 1970 (in press)