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 INFORMATION BULLETIN ON VARIABLE STARS

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NEW FLARE STARS IN THE PLEIADES REGION

Nine flare stars were discovered in the Pleiades region in a reexamination of photographic material obtained from September 1971 to January 1972 with the 90/65 Schmidt telescope of the Asiago Observatory.

Five new flare-ups in the star H_{II} 2411, six in the No.106 Asiago =Ton 18 , one in the No.24 Asiago = vMan 16 , and one in the No.30 Asiago were also found in old plates.

Table 1 summarizes the following data of the new flares: Asiago serial number, position, brightness (pg or U) at minimum, amplitude and date of the flare. The identification infrared charts of all the new flare stars are also given.

T a b l e 1

No.	R.A.1900.O	D.1900.O	mag.min.	Δm	Date
108	3 ^h 42 ^m 23 ^s	+22 ^o 14'2	16.3 U	0.3	1971 Sep. 23
109	3 37 44	+25 40.8	16.2 pg	0.3	1971 Oct. 1
110	3 30 28	+24 34.3	16.3 pg	0.3	1971 Oct. 18
111	3 37 11	+23 33.9	15.8 pg	0.4	1971 Oct. 18
112	3 36 44	+23 40.4	16.5 pg	1.3	1971 Oct. 19
113	3 50 32	+23 59.9	(17 U	>1.4	1971 Oct. 25
114	3 35 47	+22 1.9	17: pg	0.8	1971 Dec. 11
115	3 38 16	+23 57.2	(17 U	>1.8	1971 Dec. 22
116	3 42 10	+26 16.6	16.3 U	0.6	1972 Jan. 10

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IDENTIFICATION CHARTS

