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NEW FLARE STARS IN THE PLEIADES REGION
(1971-1972)

During the months of October, November and December, 1971 and January, 1972 we obtained 115 ultraviolet multiple exposure plates centered in Alcyone. The number of different exposures were 725 and the total time of effective observation $135^{\text{h}}45^{\text{m}}$. Table 1 summarizes our results but only comprises the new flare stars found. The many flare-up repetitions in the previously known flare stars are not included. The numbering of the new flare stars is the continuation of the new serial numbers used by Haro and González (1972).

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References:

- 1) Haro, G. and González, G. 1972. IAI Information Bulletin on Variable Stars, No. 715.

Table 1
New Flare Stars in the Pleiades Region
(1971-1972)

No.	Star	R.A. (1900)	Dec. (1900)	Mag. in U at minimum	Δm_U	Date of Flare-up
13b		3 ^h 36. ^m 2	+21° 57'	19.3	3.5	14 Nov. 1971
14b		3 36.8	23 02	19.5	3.5	20 Nov. 1971
<u>14b</u>		3 36.8	23 02	19.5	5.5	21 Nov. 1971
15b		3 37.3	23 15	20.5	6.3	15 Dec. 1971
16b		3 37.9	24 44	20.0	5.1	15 Jan. 1972
17b		3 38.1	23 55	21.0	5.7	12 Nov. 1971
18b		3 38.4	24 17	20.7	5.5	12 Nov. 1971
19b		3 38.5	25 03	20.0	3.8	22 Nov. 1971
20b		3 39.3	23 48	18.3	2.0	10 Dec. 1971
21b		3 39.5	24 44	21.0	5.7	22 Dec. 1971
22b	HII 628	3 39.5	24 25	16.0	0.8	17 Oct. 1971
23b		3 40.4	23 43	20.5	7.2	17 Dec. 1971
24b	HII 1009	3 40.5	24 09	17.5	1.0	12 Dec. 1971
25b		3 40.8	25 09	19.0	3.2	23 Nov. 1971
26b		3 40.9	22 46	18.8	2.7	12 Dec. 1971
<u>26b</u>		3 40.9	22 46	18.8	2.9	20 Dec. 1971
27b	HII 1280	3 41.1	23 51	16.8	0.9	15 Nov. 1971
<u>27b</u>	HII 1280	3 41.1	23 51	16.8	0.6	11 Dec. 1971
28b	HII 1321	3 41.2	23 26	17.6	1.3	18 Nov. 1971
29b		3 41.4	23 25	20.0	5.0	16 Nov. 1971
30b		3 41.4	21 56	17.5	2.0	12 Dec. 1971
31b		3 43.2	22 48	19.8	6.2	22 Nov. 1971
32b		3 43.4	25 31	16.3	1.8	12 Nov. 1971
33b		3 46.7	24 27	15.4	2.2	12 Dec. 1971
34b		3 ^h 49. ^m 6	+23° 29'	16.0	0.7	14 Dec. 1971