

2227-399

22 27 45.9 -39 58 24

22 29 02 -39 51.9 (1922)  
1.02 1.02

III 84 15.5

4873 1/9/72 4/0 WFK! @P van  
4612 4/10/70



E

N

2227 + 399

612631

↗ N



21 44 38 - 8.0 (1942)

L930-80 21:42.4 - 8:12 (1900) 14.2 0'39 113°

L930-80

21 44 38  
-8 0 (194)

FT. red comp. A 200+ in p. 4. 280°

N

Z = 4.3 = 12.5 DB<sub>0</sub> B10E

13 14.3 (1950)  
+ 29 23

1514-24 = AP LIB

Bond, H. Ap. Star (Letters), 197, L79

Bolton, Clarke, & Evans (1955)

low E

Westerlund & Wall (1969)

15.16, 0.92, -0.04N + 2 $\sigma$

Searcy & Bolton (1968)

no lines

Others

BUD Tau

3C120

Seyfert galaxy

Penston (1968)

IAU Inform Bull on var stars #255

BL Lac

VR0 42.22.01

Schwartz (1968)

J.L. Schwartz

Nature

218, 663

11<sup>m</sup> 20<sup>m</sup> 41<sup>m</sup>

- 60° 29' ± 5'

4875 period

See X-3

N

15 14 - 24

ML 4779

15 14 45.6 -24 11.3

15 14 43.93 -24 10 33.3 JB  
(0.04) (0.4)

2.7 (11 1.8)

-0.4

E

16.2

Position of star up.

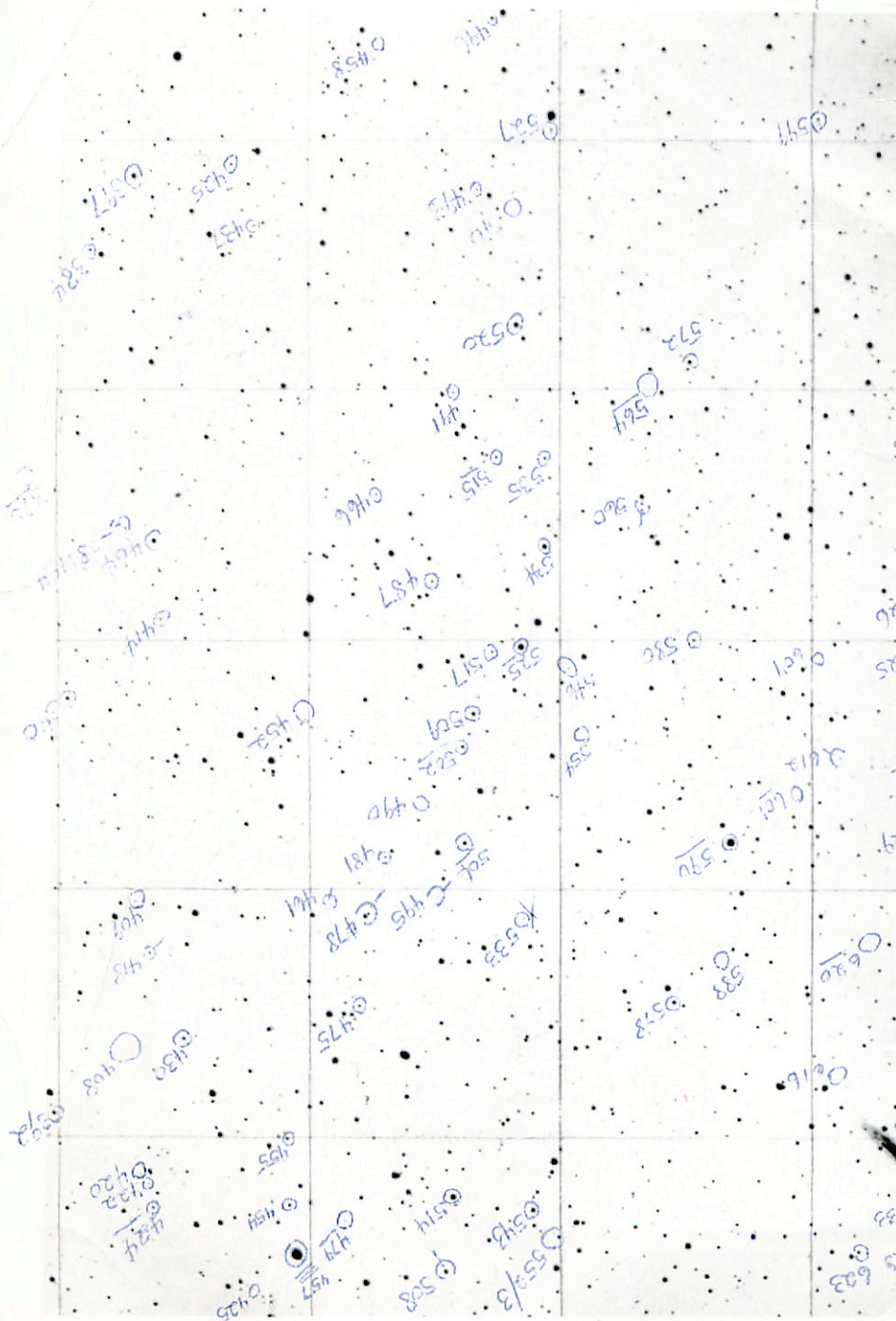
341

28

AP LIBRAE

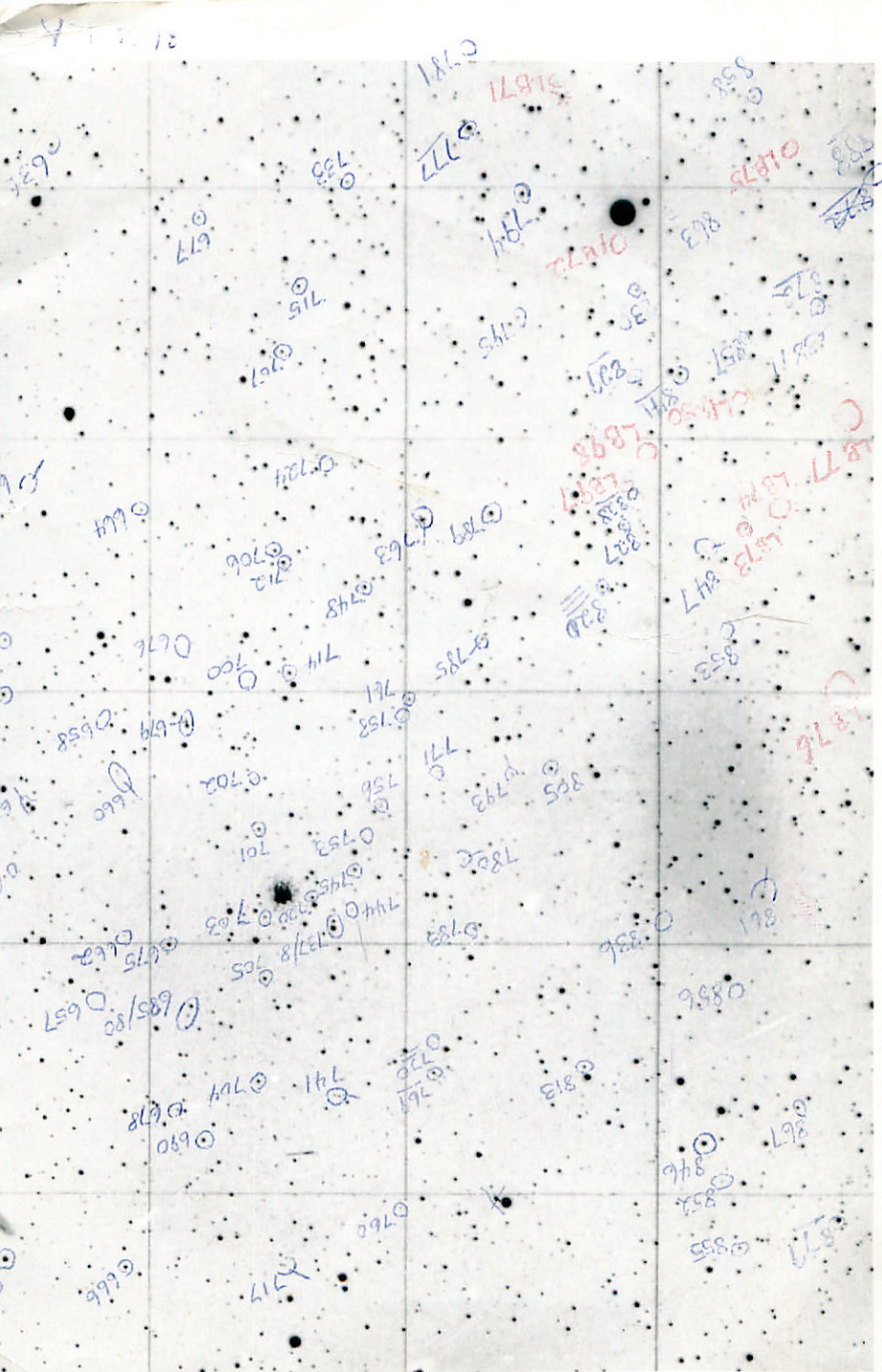
9.4 (-6.8)

Skwilo IF sf. Mar 68 em l.  
P(IRE)



6000 + *EM*





-LTT = LFT ≡ >1"

BRM4

After each data program results at 6

line 3

RUN END LOAD END CONTINUE

actual print out

1. date 15 02 75 continue results at 1 END continue

2 b-y value .075 c

3 m1 value .061 c

4 C1 value .180 c

5 y value .150 c

6 data no 88749 c results at 6 GO TO 19 continue

7 dec degrees 0 c

8 dec minutes -6 c

9 HA hour 1 c

10 HA min 5 c

11 gain (mag) .747 c gain is added to mag(y).

12 y 8266 c results at 12 GO TO 157 continue

y 8319 c

obs 15 c

was on until we finished order of b v u  $\beta$   $\gamma$ . Then results at 6 automatically

28749.000

15 02.75

0.770

1.204

-0.575

-0.747

5.006

1.217

Underlined numbers are printed out.

date 1502.750\*

extinction by  $\gamma$  0.075\*  
                   $m_1$  0.061\*  
                   $c_1$  0.180\*  
                   $\gamma$  0.150\*

→ \* no. 28749.000\*

values here  
after first

dec deg 0.000  
dec min -6.000\*  
HA hour 1.000\*

gain  $\gamma$  \*  
           $\beta$  \*  
           $\alpha$  \*

b 2516.000\*  
b 2511.000\*  
          4.000\*  
r 1211.000\*  
r 1207.000\*  
          2.000\*  
u 944.000\*  
w 947.000\*  
          1.300\*

$\beta$  1609.000\*  
 $\beta$  1614.000\*  
          3.170\*  
 $\beta_m$  16.000\*  
 $\beta_a$  16.000\*  
          0.000\*

---

0.770  $\gamma$   
1.204  $b-\gamma$   
-0.575  $m_1$   
-0.747  $c_1$   
5.006  $\beta$

Abundance 1.217