BU Gem 4h 09.3 +22 56

HR 2197 ~~1247~~

4.39 +2.24 ~~+2.48~~ 4.63 +1.15

decrement in ~~5.2~~ ~~+1.15~~ ~~+1.48~~ I Gem

Table 2 of Supp. 131

B = +40

BU Gem 6.4 +2.25 ~~+2.15~~ 6.9

HR 2197 4.6 +1.17 10.2

TV Gem L 08.8 +21 53 +17

HR2190

-001 +002 LB

4.65 +1.20 Eggs

4.95 +1.07

4.6 +1.15

E +40 Eggs Supp 131

TV Gem 6.55 +2.25 ~~+1.75~~ -6.9

HR2190 4.6 +1.15 10.2

S Her 16 45.6 +15 01 −10.0

T15 03063

+0010 −0033 Tel min
0 +5
+0010 +0028
+014

+015 +014 MC

Barn 4:07 P.M.

+014

S Her 7.2 +1.9 +0.9 −3.6 +4 +14 −25 +14 −10.0 30 8
~~8.5~~ +1.31 8.0 −1 +5 −5 +2 +45° +45°

+14 +2 −10.0

−199	648	−648	−0132	+0065	−0067	−27	+4.8	+7.0
405	646	464	+0401	+0061	+0462	+18.4	+13.8	−4.6
−771	330	545	−0512	+0031	−0481	−19.2	−24.6	−5.4

W Ker 16 33.4 +37 27 -51 C

-0005 +011 Bmm -007 +023 MC
-1 +5
-6 +16
-007 +016

-254 893 -370 | 20084 +0677 | +076.1 +18.8
422 423 644 | -0206 +0336 | +013.0 -32.8
-210 066 669 | +0245 +0050 | +024.5 -84.1

W Ker 8.1 -4.9 +90 -20 -6 -7 -510 280 +05
8.8 +175 5.5 +8 +1 +3 +16 +48° +420

X Her
144205 16 01.1 +47 23 6.35 gmb -91.78
-0044 ±12.2 +053 ±7.5
-0058 +046

21577
9228

8.875 1906.3 +47 22 35.46 1910.4

SR(100)

192
9067

-069 +060 BL

-2.10
36

(2.8)
+135 -80 -21

Good
20" →

Head cut

23.65
45.275
8.925
16
941
2
943

28.0
7.5
6.67
+04

33,
43.2 1925.2 +33 -6 +13
9.80
33.40
72
34.12
16
96

1807
904
-16^3

9.54
20
904

3.45 +1.70

33,
35.1 ,940.42
-13
34.97

68.62
34.3
23.9

34.46
+1.10

May 6.32 +1.39 +0.80

X Her 16 01.1 +47 23

Sgr

$\bar{\epsilon} = +03$

X Her	5.85	+1.55	+1.05	-4.8	+103	-83	-26	-69	-91.7	95±
HD144205	3.60	+1.70		6.8	+38	-10	+18	+54		480

280 −91.7 −069 +059 −069 +0660 B

375 910 −180	+1226 +2545	+3771 +86.7	+103	+16.5
651 896 −647	−2129 +1107	−1022 −23.6	−93	−5.93
−446 −125 +41	+2158 −0350	+1808 +41.6	−26	−67.9

+23°30'50"

RS Ker 17 15.4 +22 58 -41 2

Barn

-0010 ±37 -005 ±4.2 -025 -005 MC
0 +4 +1 -1
-0010 -001 -024 -006
+014 -001

-086 786 -613	+0057 -0037	+0020	+26	+25.1
563 544 620	-0374 -0026	-0400	-42	-25.4
-827 924 84	+0545 -0014	+0531	+2	-20.0

E=+06

2.65 +1.6; +1.2; -2.9 +26 -42 +2 -14 -41.0 220°
6.1 +1.10 8.15 0 -4 +5 -1 +25.5

SS Ker 16 30.5 +6 58 SM?= -46.0

0 -002 Mc
+1 →
+001 -003

-0007 -002 Pontoon
0 +8
-0007 +006
-010
-005 +002

0.000*

16.000*
30.500*
6.000*
58.000*
-0.005*
0.002*
10.950*
1548.817
-46.000

0.012
-0.768

53.768

-0.006
0.317

-27.178

0.021
0.557

7.024

SX Her 16 05.3 +25 02

Ben Car 2 in 84"

R-1 = 170. min

1150 p.m.

E = 404

SX Her 7.8 +1.4 +1.3 -3.4 -127 -172 +46 -18 +20.0 103 +44
7.80 +0.60 103 -10 -16 +3 -36 G3 sp +46°

+25°3039a 8.8

RU Her 16 08.2 +25 12 6.9V gM7e -25 b

SX Her +25°3031 16 05.3 +25 02 8.8V +20.6b

-0022 -036 ←B
-018 -036 →

See Preston and Wallerstein Ap.J. 138, 820 ~~1291~~

20.91 1917.3
~~035~~
~~916~~ 965

-0017±5.0
-0022
-0020
2

-038±4.4
-048
+25 2 28.17 1915.2
-043
+2

7.8
3.1
11.6

136
29.53

-0022 -038

20.42
14
.934

938
-027

28.9 1930.3
-32
28.58

29.35

1036
916

25.12
2885
68
1928.41

-361 775 -518
649 608 454
-670 171 722

20.933
+9
942

+0306 -1322 -1014
-0354 -1037 -1591
+0572 -0392 +0280

-88 +98 -10.4
-202 -193 +9.2
+64 +78 +14.4
1000 pc.

-0.027 -0.038 +17.5

-361	775	-518
+649	608	457
-670	171	722

LQ Her 16 09.5 +23 37

411 1.30 1.64
164
242
465
707

HR6039

-24.7

~~-0120 = 017~~

+03
15
=

LQ Her 5.7 +1.57 +1.56 -3.85 +8 -40 -4 -23 -24.7 ?
HR6034 4.25 +1.38 6.9 -2 [illegible]12 +6 -17 M4III +450

-0017 -0020

30.281 1913.8 -0012 -0024 22.50 1915.46

-0016 -0.022

-.1 +5

-023 -0017

30.248 21.56 1533.5

+7 +01

-0.351	766	-589	+0383	-0617	-0234	-5.6	-48	+13.3
.646	614	+452	+0704	-0445	-1199	-28.8	-40	-11.1
-678	190	710	+0739	-0150	+0586	+14.0	-9	-17.5

ρ^1 Her 17 55.4 +45 22

163950

HR 6702

Sgg —

+05

ρ^1 Her	6.05	+1.60	+1.56	4.2	-42	+9	-13	+11	+130	?
HR 6702	4.30	+1.50		7.15	-14	-1	-7	-32	115	+28

II-III (s)

OP 72.2 +28.2

~~12782 75.4 +29.8 6.40 -15 -37 HP~~

16442 72.4 +27.8 6.40 -07 -26 BG +04 6.00

~~12782~~ 69.6 +24.3 5.60 -12 -50 BB +05 6.15

+00162.5 -037=2.4

22.282 1922.58 0 +5 22.49 1916.3

+011 -032

+011

δ Her 17 12.5 +14 27

17R 6406

Johnson 3.06 +1.45 +101 1.34 +166

Gp G0 II-III $M_V = +0.^m9$

δ Her	3.0 +1.5	-	-4.75	+34	-11	-10	-10	-34	?
17 Herc	1.3 +1.65		4.55	+12	+9	+6	+34	M5 II	128

α Her

B Sp.B. P2

97

156014 17 12.4 +14 27 3.5 gms -33.1a

23277 87 96 N30 5.4 dF8 -36.7a

9944 -0008 +033

-0007 ±0.6 +035±0.6BC → N3V

34.9

AOS10418

G Her 16 27.0 +42 00
+nGHG

4.75 +1.58 +125 2.7 +1.75 Egs —

2.37
2.24
0.13

22.

+02

G Her 4.75 +1.55 +1.25 -5.0 -10 +15 -14 +25 +3.4 70±
+RGHG 2.7 +1.75 6.05 -6 +8 -10 -5 MGIII +44d

30 Hrs

~~Capella~~ M8783 16 27.0 +41 59 gM6 +3.4 a

HR 6116 22472 4.2 - 5.4 1.6 :

G485

+0025 ± .37 −008 ± .19 N30

+0020 ± 1.9 −003 ± 1.5 GC N30

~~+053 −041 GC~~

+025 −005 GC

+028 −005 N30

+027 −008

669 743

SHya	7.2 – 13.0 260d	−0006 ± 4.7 +0001 +0001 ✓	+011 ± 4.2 +009			+66.5 am.
76011	8	51.0	+3	16	7.2v	gM4 +748

12278	57.545	1911.04	−0001 +012 −1 0	30.00	1905.64
5850	57.512	1846.3	+3 13− −0006 +0.0	30.35	1892.2
	32			−64	
	.544		−0002 +012 −003	29 71	
	57.527			29.91	1935.4
	21			19	
	548	−007 +013 mc		30.10	
	+003	±1 −006 +013 →		+39	70 +070
		−0.0 +0.0 fwt → −002 +012 mw			

−439 452 623	+0061 +0257	+0348 +14.3	+12	+464
−059 778 −625	+0008 +0442	+0450 +21.0	−25	−46.2
767 436 471	−0109 +0248	+0134 +6.5	+17	+10.2

S Rya 8 51.0 +3 16

Bama

S Rya 7.9 +1.55 +1.20 -2.9 +62 -25 +17 -3 +74.0 256 +05
6.3 +1.10 9.35 +3 +4 +1 +12 +28.0

```
5850.000*

   8.000*
  51.000*
   3.000*
  16.000*
  -0.006*
   0.012*
   8.350*
 467.735
  74.000

   0.044
   0.622

  66.504

   0.046
  -0.622

 -24.470

   0.003
   0.476

  36.595
```

N Hya 10 35.4 −18 07 7.0-9.5 (α2(C3))

4501

		Number	
HR 4163	2438094	5.31 +3.22	−3.53 +0.91
ζ 205511+0	8166	4.87+2.78	−3.32+0.96
	8389	4.70+2.50	−3.40 +0.92
Groom II	8450	4.93+2.72	−3.49 +0.98
AN 6632	8785	4.85+2.96	−3.44 +1.00

4.

N3p(C5o)

γ Rya 9 48.8 -22 47 8.3 - 12.0

303d

+3.06

+0031-005 LB

+ 1 0

+.043b-005b

ms-II

T Hor ∄ 5-4.3 -50 50 7.2-13.7 Li
α
217.2

NO

ρ=+50

56 Leo V Y Leo −0015 ± 2.5 −013 ± 1.6
                 −0016   −012
94705 10 53.4 +6 27 6.0 gms −12.86

15032

6772 25.739 19013 +6 27 9.18 1896.7
      073   69
      .812   9.87

      25.754   9.44 1933.9
      20   3
      774   9.47
      7.823 84
      17.943 761
      .768   051
      25.716 −16
      45.2   +9
      761

      25.723
      +24
      749

32.6

      18.77 1927.11 0.183
      59.30   339
      9.47   37.2
      −40   9.43
      7.07   −.44
      +37
      744

      9.21   1940.82
      +14
      7.39

375 172
337 215
272 17
167 212

VY Leo 10 53.4 +6 27

HR4267

+03

VY Leo	5.75	+1.45	+1.25	-5.0	+14	-6	-25	-22	-12.8	?	
HR4267	3.85	+1.76		7.2	+6	-5	-5	-10	M5III	+550	

R Lup 4 57.3 -14 5-3 NGC +32.4 8

I+R 1607 ±7 ±4 +15 +20 Lulwi 0.5 +022 +022 G

CG 6043 +0015 ±5.5 -0008 +022 ±5.8 +0017 +0.004 +015 G

+001 +024

170 689 704 | +0008 +0583 | +0820 +8.6 +22.8

-596 641 -482 | -0028 +0729 | +0487 +3.0 -15.6

784 336 -520 | +0037 +0387 | +0336 +3.0 -16.8

+0791

+0701

+0419

+41.4 -2.6 -38

+37 -3

004 015 −004 021

963 270 −257 866 +022 +022 +32.4 −006 −8 055

−021 006 006 −002 −090 057 +31.3 +8 +30

−004 004 001 −001 −014 024 −10 +41 +12 005

+0001 +024 → +3 +35 +15 003

$\boxed{+40\ -13\ +8}$

+034

+0015 +022

−0010

007

19.756 1894.6 47.42 1840.8 −5 +35 +6

−.075 −1.12

.681 46.54

$\boxed{+36\ -14\ +1}$

5 11

−.102 −.59

1534.04

11.357

44.87 · 1534.04

$\boxed{+35\ -14\ +4}$

006

P_0 = 2458.262

17.72

.56

.11

P_{sim} = 4.0

19.619

6

47.15

+40

1555.6 +

1890.85

19.625

+20

19.645

−036

47.55

+40

47.95

1.14

τ_s = .332

τ_a .344

+0015 ± 5.5 +022 ± 5.8
−8 +016

31996 4 57.3 −14 53 5.5 Van N6.e +32.48

2957 474 +0003 +017 → 47.4
6093 1896 17
R Lyp 19.756 1899.6 −14 52 47.42 1898.5 3 31
−076 −1.13 474 6 0.58
.680 48.55

11.357 64.87 193x04
8.263 17.72
19.672 47.15
634 1.20
+20 48.35
654 +35
−026 48.00
+.55

N 6.2

R Lyr 4 57.3 −14 53 5.5 − 10.5 g/r

d
432.5
+324 b

HR 7107
−15° 9115
HD 31996
GC 6043
N 2457

Landolt

2439587.6 709 + 7.84 −
41.4 7.31 4.75 −
53.5 7.53 4.84
61.5 7.63 4.86
68.5 7.65 4.96

NW
+0.″00 / +0.″024 ↓

dmi

SL nl −1504084 −0037±12.2 +087±16.3 +294.06

13645δ 15 18.5 −20 13 [illegible] gM2e 3w

20639

8881 31.180 1503.5 −20 12 32.66 1502.1

172 − 34

1352 33.00

−0036 +11

500

−514 +205 −539	+123 2 +0107	+1339 +67.0 −158.5 −91.5
+667 +705 +678	−1558 +0367	−1231 −61.6 −199.3 −2609
−539 −235 +502	+1291 −0122	+1169 +58.4 +147.6 +206.0

2440237 37605 3788.86

R Lyn L 57.2 +55 24 S 3.4 – 5.6, 5

223.7	8.20	6.32	+1.16		243			
236.7	8.05	6.17	+1.12		9180	R	R-I	
241.7	8.13	6.21	+1.16		9203	6.07	+1.42	.08
~~260.6~~	~~8.48~~	~~6.51~~	~~+1.32~~		9216	~~6.73~~	~~+1.86~~	
267.6	8.38	6.30	+1.32	.08	1137	276	+2.86	
285.8	8.48	6.72	+1.53	.13	4053			
610.8	9.27	6.34	+1.24	.99	207			
631.8	8.34	6.29	+1.28	.04				
657.8	8.95	6.64	+1.49	.12				
675.7	9.71	7.15	+1.73	.16				

S 3.9

-1.50

+1.8

Contr. Torino Oss. 20.41 1967

$\rho = +20$ Nesgaia −0.021 −0.009

McComb −0.023 −0.010

−0.022 −0.010

L96

−281	−409	868	+0293	+0194	0457
−366	882	297	+0382	−0418	−0036
887	232	398	−0925	−0110	−1035

+12.4
+5.9
+8.0

577 6.05