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Project PHaEDRA - Henrietta Swan Leavitt #07

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[[underline]] March 10, 1904 [[/underline]]

[[underline]] Assume [[/underline]] Scale P
Measures of comparison stars for Variables in Orion
This sequence marked on Ref. Plate MC 6737
Measured in Series (Sept. 25, 1919)

Plate A 2156 | Diff | Au. | Mag.
18 ~~[[6.0]]~~ 5.8 5.95
19 6.3 ^{[[6.0]]} 5.8 5.95
a 6.3 ^{[[6.0]]} 5.7 5.85 | 6.72 | 6.76 | 12.61
b 6.6 ^{[[6.3]]} 6.0 6.15 | 6.85 | 6.84 | 12.99
c 6.9 ^{[[6.6]]} 6.4 6.50 | 6.84 | 6.88 | 13.38
d 7.0 ^{[[6.7]]} 6.9 6.80 | 6.91 | 6.87 | 13.67
e 7.2 | 6.75 | 6.76 | 13.96 
f 7.8 | 6.52 | 6.59 | 14.39
g 8.4 | 6.45 | 6.44 | 14.81
h 9.0 | 6.24 | 6.27 | 15.27
k 9.2 | 6.27 | 6.23 | 15.43
l 9.6 | 6.19 | 6.20 | 15.80 Film side up
m 10.0 | ~~[[6.0]]~~ 6.19 ~~[[6.0]]~~ | 6.17 ^{[[e]]} | 16.17 ^{[[e]]}
n m3n
stars 18 and 19 are 18 and 19 of Prof. W.H. Pickering's sequence in
Volume XXXII of the Annals

Plate A 2156 has double, elongated images which are difficult to
measure

[[end page]]

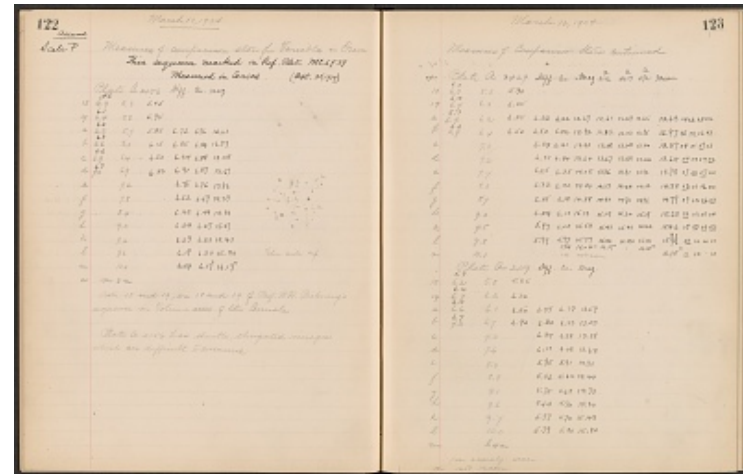
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March 10, 1904

Measures of Comparison Stars continued

Plate A 3429 | Diff. | Cu | Mag. | A2156 | A2119 | A5731 | Mean
18 6.3 ^{[[6.0]]} 5.8 5.90 | | | | | |
19 6.7 ^{[[6.4]]} 6.3 6.35 | | | | | |
a 6.6 ^{[[6.3]]} 6.2 6.25 | 6.32 | 6.42 | 12.67 | 12.61 | 12.59 | 12.65 | 12.63
04 02 04 02
b 6.9 ^{[[6.6]]} 6.4 6.50 | 6.50 | 6.42 | 12.92 | 12.99 | 13.03 | 12.95 | 12.97
05 02 06 02
c 7.0 | 6.34 | 6.41 | 13.41 | 13.38 | 13.28 | 13.40 | 13.37 04 01 09 03
d 7.2 | 6.51 | 6.40 | 13.60 | 13.67 | 13.68 | 13.62 | 13.64 04 03 04 02
e 7.7 | 6.25 | 6.35 | 14.05 | 13.96 | 13.91 | 13.96 | 13.98 07 02 07 00
f 8.0 | 6.32 | 6.30 | 14.80 | 14.39 | 14.44 | 14.38 | 14.38 08 01 06 00
g 8.7 | 6.15 | 6.18 | 14.88 | 14.81 | 14.73 | 14.76 | 14.79 09 02 06 03
h 9.0 | 6.24 | 6.13 | 15.13 | 15.27 | 15.30 | 15.29 | 15.25 | 12 02 05 04
k 9.5 | 5.97 | 6.03 | 15.53 | 15.43 | 15.43 | 15.44 | 15.46 07 03 03 02
l 9.8 | 5.99 | 5.97 | 15.77 | 15.80 | 15.80 | 15.81 | 15. ~~[[6.0]]~~ 99



[[/strikethrough]] 80 03 00 00 01
m 10.1 | n not seen ^[[5.94 | 16.04^[[e]] | 16.17 ^[[e]]]] | | 16.25^[[e]] |
16.14^[[e]] 11 02 10

Plate A 2119 | Diff. | Au | Mag.
18 6.2 ^[[5.9]] 5.8 5.85 | | | |
19 6.7 ^[[6.4]] 6.2 6.30 | | | |
a 6.6 ^[[6.13]] 6.1 6.20 | 6.37 | 6.39 | 12.59
b 7.0 ^[[6.7]] 6.7 6.70 | 6.30 | 6.33 | 13.03
c 7.0 | 6.34 | 6.28 | 13.28
d 7.6 | 6.11 | 6.08 | 13.68
e 8.0 | 5.95 | 5.91 | 13.91
f 8.8 | 5.52 | 5.64 | 14.44
g 9.1 | 5.75 | 5.63 | 14.73
h 9.6 | 5.64 | 5.70 | 15.30
k 9.7 | 5.77 | 5.73 | 15.43
l 10.0 | 5.79 | 5.80 | 15.80
m l4m

m scarcely seen
n not seen

[[end page]]

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