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Project PHaEDRA - Henrietta Swan Leavitt #10

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September 22.

Scorpius. Examination of Plates for Variable
(Uranus and Saturn Plates)

Plate D 10902 = A 3632, June 13, 1899 Exp. 240m
Superposed with
A 3227, Aug. 16, 1898, Exp. 60m
4 Variables marked
1 Probable variable
One of the variables is in M.80 and the
other two very near it. The two latter are
probably R and S Scorpii.
Asteroid trail
[[/strikethrough]] Two [[/strikethrough]] Three objects near Saturn are
probably
satellites. On plate D 10311 they are
marked: Hyperion, Japetus and Titan.

Plate A 3690, July 7, 1899 Exp. 273m
Marked 4 stars almost certainly variable
Also the variable in M.80
Asteroid trail
Superposed the plates directly and
examined the nebulous region in the south
following portion of the plate, as the
contact plate is very black and difficult
to use.
Three of the 4 variables are in the
nebulous region.

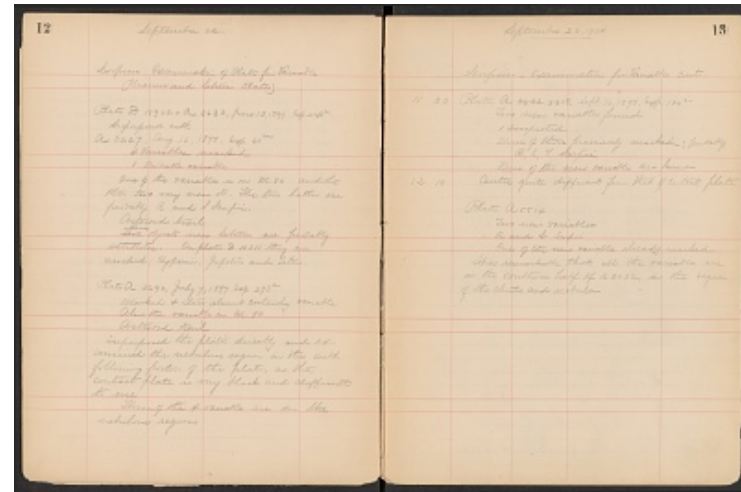
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[[underline]] September 23, 1904 [[/underline]]

Scorpius - Examination for Variables cont.

- 11 30 | Plate A ~~3632~~ ~~3308~~, Sept. 16,
1898. Exp. 120m
| Two new variables found
| 1 suspected
| Three of those previously marked; probably
| R, S, T Scorpii.
| None of the new variables are known
12 15 | Centre quite different from that of contact plate
| Plate A 5514
| Two new variables
| R and S Scorpii
| One of the new variables already marked.
| It is remarkable that all the variables are in the southern half of A
3632, in the region of the cluster and nebula



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