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Project PHaEDRA - Williamina P. Fleming - Variable Stars; Spectra #6

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November 4, 1898

Examination of plates of supposed regions of Witt's planet D2. For ephemeris see letter of S C Chandler November 3, 1898.

Plate I 10565. January 25, 1894 Ex. 12^{h} R.A. 8^{h} 28^{m} to 9^{h} 5^{m} , Dec. 13.7° to 22.8° .
An image at 8^{h} 36.6^{m} + 18° 4' (approx. 1855) magn. 8(?)
N~~isa~~ (44).

* Plate I 10476 January 19, 1894. Ex. 15^{h} R.A. 8^{h} 20^{m} to 9^{h} 4^{m} Dec. 23.5° to 32.6°
Ex. in R.A. 8 40 to 8 50 .in all dec. Faint object
~~at~~ in R.A. 8^{h} 47^{m} Dec. +29 15
(1855). Probably defect.

X Plate I 10380 January 2, 1894 Ex. 19^{h} R.A. 8^{h} 24^{m} to 9^{h} 8^{m} Dec. 32.7° to 41.8°
Ex. in R.A. 8^{h} 50^{m} to 9° 8' in all dec. D2 not found.

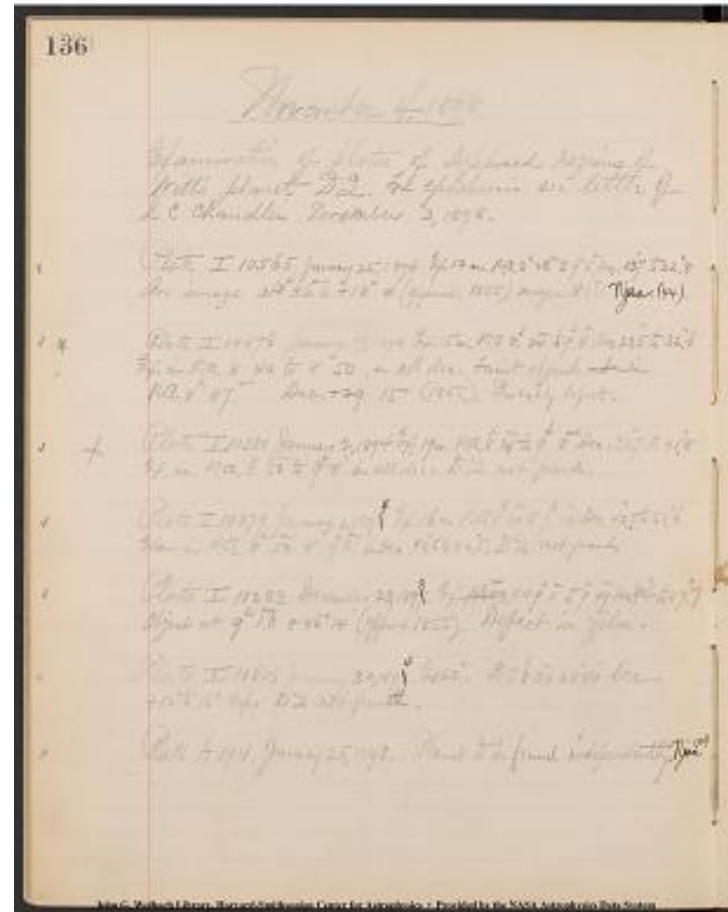
Plate I 10379 January 2, 189~~8~~~~4~~ Ex. 16^{h} R.A. 8^{h} 20^{m} to 9^{h} 10^{m} Dec. 42.5° to 51.6°
Ex. in R.A. 8^{h} 52^{m} to 9^{h} 8^{m} in Dec. 42.5° to 46.5° . D2 not found.

Plate I 10283 December 23, 189~~7~~~~3~~ Ex. ~~10283~~~~10^{\text{h}} R.A. 9^{h} 0^{m} to 9^{h} 49^{m} Dec. 38.6° to 47.7° . Object at 9^{h} 1.8^{m} + 46° 14' (approx 1855). Defect in film.~~

X Plate I 10606 January 30, 189~~8~~~~4~~ Ex. 62^{h} R.A. 8^{h} 30^{m} to 8^{h} 40^{m} Dec. $+12^{\circ}$ to 16° Ex. D2 not found.

X Plate A 194, January 25, 1898. Planet D2 found independently.
N~~isa~~ (44)

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