

## Project PHaEDRA - Henrietta Swan Leavitt #09

Extracted on Apr-18-2024 03:19:56

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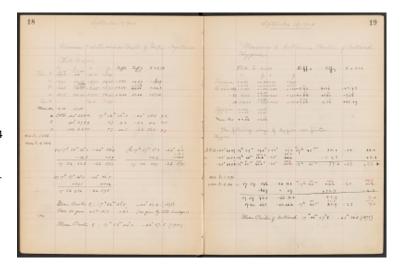
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[[preprinted]] 18 [[/preprinted]]
 September 10, 1904
Measures to determine Position of Var. 8 in Sagittarius
 Plate A 4700
 \begin{array}{l} | x | y | x | y | \text{Diff x} | \text{Diff y} | X \times 4.34 \\ \text{Var. 8} | [[\text{strikethrough}]] -9.90 [[/\text{strikethrough}]] -6.10 | [[\text{strikethrough}]] +4 \\ [[/\text{strikethrough}]] | -1.40 | -6.10 | -1.35 | | | | | | \\ \end{array} 
 a |-9/90 | +4.25 | -9.90 | +4.25 | 3.80 | +2.87 | -1 [[strikethrough]] 3
 [[/strikethrough]] 6.49
| 5.65 | [[strikethrough]] -6.85 [[/strikethrough]] -5.65 ^[[5.68]] | -3.65 | -5.70 | +2.45 | [[strikethrough]] -4.30 [[/strikethrough]] -7.06 | +10.63 c | +0.15 | +2.40 | +0.15 | +2.40 | +6.25 | +1.02 | +2.12 | | -6.10 | -1.40 | | | |
 Mean var. | -6.10 | +1/38
 a CPD -22 degrees 6622 17h 56m 36,3s -22 degrees 54.4 9.3
 b -23 degrees 6798 57m 3.3s -23 degrees 4.6 10.5
c -22 degrees 6650 57m 20.5s -22 degrees 56.5 9.7
 (a) [[equation]] (b) [[equation]]
 (c) [[equation]]
 Mean position 8,; 17h 56m 53.0s -22 degrees 57.4 (1875)
Prec. 25 years +1m 31.0 -0.1s (as given by CPD catalogue)
 Mean Position 8, 17h 58m 24.0s -22 degrees 57,5m (19000
 [[end page]]
 [[start page]]
[[preprinted]] 19 [[preprinted]]
[[underlined]] September 19, 1904 [[/underlined]]
 Measures to determine Position of Asteroid Hygeia
 Plate A 4600
| | x | y | x | y | Diff x | Diff y | X x 4.36
| Hygeia | +4.20 | +2.35 | +4.20 | +2.35 | | | |
|"[[ditto for Hygeia]] | +4.45 | +2.40 | +4.40 | +2.40 | | | |
| A 460047 | -11.50 | +1.50 | -11.50 | +1.50 | -15.[[strikethrough]] 92
[[/strikethrough]] 81 | -0.8 [[strikethrough]] 2 [[/strikethrough]] 7
| 1 50 | +2.60 | +4.70 ^[[+4.72]] | +2.60 | +4.75 | 1 [[strikethrough]] .82
[[/strikethrough]] .71 | +2. [[strikethrough]] 40 [[/strikethrough]] 35
| 52 | +12.40 | -1.90 ^[[-1.88]] | +12.40 | -1.85 | +[[strikethrough]] 7.98
[[/strikethrough]] 8.09 | -4.2 [[strikethrough]] 0 [[/strikethrough]] 5
 Hygeia | +4.20 | +2.35
 "[[ditto for Hygeia]] | +4.40 | +2.35
 Mean Var. | +4. [[strikethrough]] 42 [[/strikethrough]] 31 | +2.3
 [[strikethrough]] 2 [[/strikethrough]] 7
```

The following image of Hygeia was fainter.



## Hygeia

```
(a) C.P.D. -23 degrees 6647 17h 39m 29.6s -23 degrees 31.1 (b) [[equation]]
(b) -23 degrees 6650 17h 40m [[strikethrough]] 12.6 [[/strikethrough]] 30.1s -23 degrees [[strikethrough]] 34.9 [[/strikethrough]] 28.0'
(c) -23 degrees 665 [[strikethrough]] 25 [[/strikethrough]] 17h 40^[[41]]m 46.6^[[12.6]]s -23 degrees [[strikethrough]] 11.2 [[/strikethrough]] 34.9

sec delta = 1.090
4 sec delta = 4.36 (a) [[equation]] (c) [[equation]]

Mean position of Asteroid 17h 40m 37.8s -23 degrees 30.4' (1875)
```

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