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Project PHaEDRA - Henrietta Swan Leavitt #09

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September 19, 1904

Hygeia continued

[Plate A. 4624|Diffx|Diffy|xx4.36 [x times 4.36]

|x|y|x|y|

|Hygeia|+0.30|-0.20|+0.35|-0.20|

|58|-36.78|-3.20|-36.80|-3.20|-37.11|-3.00|-161.80| [~~Strikethrough~~ -25.75

to become -36.78, -37.10 to -37.11, -162.80 to -161.80]

|67|-9.55|-17.18|-9.55|-17.15|-9.88|-16.98|-43.08|

|~~Strikethrough~~ -9.87 to become -9.88, -16.88 to -16.98|

|70|+8.15|+3.80|+8.15|+3.80|+7.82|+4.00|+34.10|

|~~Strikethrough~~ +7.83 to become +7.82|

|Hygeia|+0.35|-0.20|

|Mean Var.|+0.33|-0.20| [~~Strikethrough~~ +0.32 to 0.33]

|Length of trail|+0.60

(a)|C.P.D. -23°6658|17h42m3.6s| -23°24.7'

(b)|C.P.D. -23°6667|17h44m1.6s| -23°38.3'

(c)|C.P.D. -23°6670|17h45m17.6s| -23°17.6'

sec =1.090

4sec =4.360

(a) 17h 42m 3.6s -23° 24.7'

-161.8 -3.0

17h 42m 165.4s [~~strikethrough~~166.4]

17h 42m 45.4s -23° 21.7' [~~strikethrough~~ 40.4]

(b) 17h 44m 1.6s -23° 38.3'

-43.1 -17.0

17h 44m 44.7s -23° 21.3' [~~strikethrough~~ 43.7]

(c) 17h 45m 17.6s -23° 17.6'

+34.1 +4

17h 44m 43.5s -23° 21.6' [~~strikethrough~~ 45, 46.5]

Mean position= 17h44m44.5s -23° 21.5' (1875) [~~strikethrough~~43.5]

[End of page]

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September 19, 1904

Hygeia continued

[Plate A. 4603]

|x|y|x|y|Diffx|Diffy|xx4.36 [x times 4.36]

|Hygeia|-2.60|+0.15|-2.70|+0.15|

|50|-8.30|+1.62|+1.65|-8.30|+1.60|-5.63|+1.47|-24.55| [~~Strikethrough~~ -

5.65 to become -5.63, +1.77 to +1.47]

|55|+1.30|-5.20|+1.30|-5.20|+3.97|-5.95|+17.31|

|~~Strikethrough~~ +3.95 to become +3.97|

|56|+5.45|+5.55|+5.45|+5.55|+8.12|+5.40|+35.40|

|~~Strikethrough~~ +8.10 to become +8.12, +35.41 to +35.40|

|Hygeia|-2.70|+0.15|

|Mean Var.|-2.67|+0.15| [~~Strikethrough~~ -2.65 to -2.67]

The images are very irregular and difficult to measure there is no trail to this astroad.

(a) C.P.D. -23°6650|17h40m30.1s| -23°28.0'
(b) C.P.D. -23°6655|17h41m12.6s| -23°34.9'
(c) C.P.D. -23°6656|17h41m30.6s| -23°24.2'
[Strikethrough in (b)34.9 to 12.6]

sec =1.090
4sec =4.360

(a) 17h 40m 30.1s -23° 28.0'
-24.6 +1.5

17h 40m 54.7s -23° 29.5' [strikethrough26.5 to 29.5]

(b) 17h 41m 12.6s -23° 34.9'
+17.3 -5.4

17h 40m 55.3s -23° 29.5' [strikethrough 41m4.3s to 40m55.3s]

(c) 17h 41m 30.6s -23° 24.2'
+35.4 +5.4

17h 40m 55.2s -23° 29.6' [strikethrough 41m4.8s to 40m55.2s]

Mean position= 17h44m55.1s -23° 29.5' (1875)

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