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Project PHaEDRA - Henrietta Swan Leavitt #09

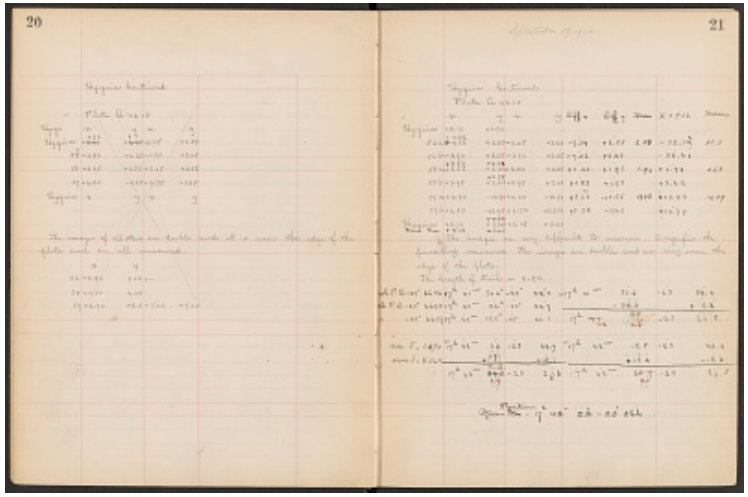
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[[preprinted]] 20 [[/preprinted]]

Hygeia continued

Plate [[?]] 4610
Hyge|x|y|x|y
Hygeia|+[[strikethrough]]3.20[[/strikethrough]]4.20|+[[strikethrough]]2.25[[/strikethrough]][[?]]|+3.25|+0.55
5[[strikethrough]]8[[/strikethrough]]6|-6.80|+6.65|-4.20|+3.05
58|+3.65|+2.50|+3.65|+2.55
59|+6.30|-2.95|+6.35|-2.95
Hygeia|x|y|x|y

The images of all stars are double and it is near the edge of the plate and all are measured.

|x|y||
56|-3.80|3.00|+[[?]]
58|+4.00|2.40|
59|+6.70|-3.0|+5.00|-9.40

[[end page]]
[[start page]]

September 19, 1904

Hygeia continued
Plate [[?]] 4610
|x|y|x|y|Diff x|Diff y|Means|Xx4.36|Means
Hygeia|+3.10|+0.70||||||||
56a|[[?]]|+3.20|-4.25|+3.20|-7.34|+2.55|2.48|-32.0[[strikethrough]]0[[/strikethrough]][[strikethrough]]1[[/strikethrough]]|31.3
56b|-3.90|+3.05|-3.90|+3.05|-7.02|+2.40||-30.61|
58a|[[?]]|[[?]]|+3.50|+2.55|+0.40|+1.93|1.93|+1.74|2.68
58b|3.95|[[?]]|+3.95|+2.60|+0.83|+1.93||+3.62|
59a|+6.20|-12.90|+6.20|-12.90|+3.[[strikethrough]]10[[/strikethrough]]08|-13.55|13.58|[[?]]13.43|14.09
59b|+6.50|-12.95|+6.50|-12.95|+3.38|-13.60||[[?]]14.74|
Hygeia|+3.10|[[strikethrough]]+0.62[[/strikethrough]]+0.65|+3.15|0.60
Means Var|+3.12|+0.65

The images are very difficult to measure. [[?]]. The images are double and are very near the edge of the plate.
The length of trail is 0.80.

(a)b.P.D.-23^[[o]]|665617^[[h]]|41^[[m]]|30.6^[[s]]|-23^[[o]]|24.2|(a)17^[[h]]|41^[[?]]|30.6|-23|24.2
(b)b.P.D.-23^[[o]]|665617^[[h]]|42^[[m]]|3.6^[[s]]|-23^[[o]]|24.7|||-32.0||+2.[[strikethrough]]6[[/strikethrough]]5
(c)|665617^[[h]]|42^[[m]]|15.5^[[s]]|-23^[[o]]|40.1|17^[[h]]|[[strikethrough]]41[[/strikethrough]]42|[[strikethrough]]1.4[[/strikethrough]]2.6[[strikethrough]][[/strikethrough]]1.9|-23|26.8

sec sigma = 1.090|[[superscript]](b)[[/superscript]] 17^[[h]]|42^[[m]]|3.6|-23|24.7|[[superscript]](c)[/superscript]] 17^[[h]]|42^[[m]]|15.5|-23|40.1

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4sec sigma =
4.36[[strikethrough]]0[[/strikethrough]]||+[[strikethrough]]1.7[[/strikethrough]]2.7||+1.9||[[strikethrough]]+13.4[[/strikethrough]]+14.1||-13.6|17^[[h]]|42^[[m]]|[[strikethrough]]34.2[[/strikethrough]][[strikethrough]]5.3[[/strikethrough]][[strikethrough]]1.9[[/strikethrough]]0.9|-23|26.6|17^[[h]]|42^[[m]]|[[strikethrough]]28.9[[/strikethrough]][[strikethrough]]2.1[[/strikethrough]]1.4|-23|26.5

Mean [[strikethrough]]Var[[/strikethrough]]Position. = 17^[[h]] 42^[[m]] [[strikethrough]]2.2[[/strikethrough]]1.4[[?]]-23^[[o]] 26.6

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