

to each other and joined, forming a figure eight; all the spots with more or less central brown shading, but with no very definite defining lines, t. p. line diffuse, whitish in costal half, geminate and incurved in lower half, the inner line being very distinct and dark brown; three or four black interspaceal dashes below the apex of wing and a white sharply dentate but broken s. t. line preceded by a diffuse narrow brown shade, the apices of the dentations almost touching the outer margin and tipped with brown; fringes slightly checkered by pale dots at ends of veins. Secondaries smoky, paler in basal half in the ♂ with a faint dark median curved line. Beneath smoky, secondaries paler, both wings with discal dot and dark postmedian line.

Expanse 24 mm.

Types—One ♂, S. Ariz. (Poling) one ♀, Redington, Ariz. in Coll. Barnes.

Allied to *urentis* Gn., but considerably smaller. We have other specimens apparently similar to the type from Kerrville, Tex., and Shovel Mt., Texas, which may, however, prove to be a distinct race when more material is available for examination.

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## THE HEATH COLLECTION OF LEPIDOPTERA.

BY F. W. WOLLEY DOD, MIDNAPORE, ALTA.

(Continued from Page 167).

### HETEROCERA.

#### SPHINGIDÆ.

*Hemaris diffinis* Bdv. var. *ariadne* B. & McD.

*Hemaris thysbe* Fabr. One had the fore part of the abdomen green, though in most of the specimens it was yellow. Some with dentate inner edge to the marginal band were separated as var. *cyliceformis*. All these forms grade easily through to one another.

*Deilephila gallii* Rott.

*Deilephila lineata* Fabr.

*Ampelophaga chærilus* Cram.

*Sphinx drupiferarum* S. & A.

*Sphinx gordius* Cram. One specimen.

*Sphinx vancouverensis* Hy. Edw. and var. *albescens* Teffer.