

Habitat: Baboquivaria Mts., Pima Co., Ariz., and Santa Catalina Mts., Ariz., in September (Barnes).

This species has the general aspect of a *Rheumaptera*, and is rather nearly allied to *Hydriomena basaliata*, Walk., from which it differs principally in the course of the extradiscal line and the smoky hind wings.

*Cænocalpe elegans*, new species.—Expanse, 29–30 mm. Head brown, with a few whitish scales; front rather yellowish; palpi with mixed white and brown scales. Thorax brown, the central portion and patagia with many white scales. Abdomen cinereous, the posterior edge of the segments dark brown. Primaries whitish-gray, with about seventeen slightly wavy, brown cross-lines running approximately parallel to the outer margin of the wing. The first four of these are more or less fused together, and occupy the whole of the basal area. The following two lines are fine, and have a rather broad margin of ground colour between and on each side of them. The median space has nine lines, the middle one of which is broader and less defined than the others, and represents the median shade; the two bounding lines are darker than those within, and gradually fuse with them, so that in one specimen the lines are scarcely visible at the inner margin, and altogether obliterated at the costa. Following this group of lines are two narrow ones; again bordered on all sides by bands of ground colour; then comes a broad subterminal shade, through which an irregular line of ground colour passes. The terminal line is dark brown, broken at the veins. Fringe grayish, with a brown line running through the centre. Discal spot brown, sometimes surrounded by a ring of ground colour. Secondaries whitish-gray, with four extradiscal lines, most prominent at the inner edge, running parallel to the outer margin of the wing, but turning outward at inner edge. Terminal line and fringe as in primaries. Beneath whitish-gray, finely speckled with brown scales on costal area of primaries and over the whole of the secondaries. One extradiscal line on fore wings and two on hind wings are faintly reflected. Discal spots on all wings.

Types: Female in the author's collection; co-type with Dr. Wm. Barnes.

Habitat: Redington, Arizona (Barnes).

The co-type is by far the handsomest specimen, and I believe is a varietal form of what I take to be the common type described above. In this specimen the lines of the basal and median areas are quite fused together, and the fine lines which just precede and follow the median area are almost absent, leaving broad whitish bands. On the secondaries two of the four lines are lost, and the remaining two are much intensified.