

MONOTAXIS, n. gen.

Palpi moderate, porrect, end member very small; tongue strong; front scaled, quadrate, slightly protuberant; thorax and abdomen untufted; fore tibiæ unarmed; hind tibiæ with two pairs of spurs, not swollen, without hair pencil in ♂; antennæ unipectinate in ♂, pectinations long, end simple, in ♀ unidentate; fore wings even, rounded, without fovea in ♂ below, 2 accessory cells, 12 veins, 3 and 4 widely separate, 5 near middle of cell, 6 at a point with 7 at end of cell; hind wings 8 veins, without fovea, vein 5 near middle of cell, 6 and 7 stemmed, 8 joined with cell nearly its whole length.

So far as I know the first American Geometer with unipectinate antennæ, though these are found in the Australian regions. But there the form with 8 joining the cell in hind wings is extremely rare. I do not consider it in anywise but as one of the *Hydriomenida*, though it may be placed in a subfamily by itself.

MONOTAXIS SEMIPECTINATA, n. sp.

Expands 35-40 mm. Palpi and front dull black; thorax dark mouse colour; abdomen lighter; fore wings of a quite even dark fuscous, with a mouse colour tinge, this deepening into a rather broad median band, faintly indicating parallel wavy lines; beyond this, first a white and then four dark lines are indicated by fine dots of these colours on veins; an outer faint whitish line, mostly evident between veins, wavy; marginal line broken, blackish; discal spots faint; hind wings even mouse colour fuscous, deepening outwardly. In the ♀ all the colours are the same, but lighter fuscous, and without the mouse colour shading, but the single specimen has an appearance as if faded. Beneath even mouse colour fuscous, blackish on basal half along costa on fore wings, with some ochre tinging near apex; ♀ lighter. The whole insect has much the markings of *Philereme californiata*, Pack., and much the colour of that species with the mouse colour shading added.

Fort Grant, Ariz., July 23. In National Museum, No. 3928. The female in my own collection from Arizona without definite locality, but probably from either Prescott or Phoenix.

MYCTEROPHORA SLOSSONIÆ, n. sp.

Expands 24 mm. Palpi black and fuscous mixed, nearly black towards end; front black tufted; thorax fuscous ochre, mixed with black in front, blackish behind; abdomen blackish, interlined with fuscous; fore wings fuscous gray to fuscous, with a slight ochre tinge more or less