

apical, inwardly oblique shade, edged with pale. The fawn color spreads over apical region and obtains at base and over middle of wing. The interlined fringes are dotted black and white. The lines are obsolete; costal marks distinct; veins dotted. A subterminal brownish shade followed by blackish, especially at anal angle. Hind wings pale fuscous. Washington Territory (coll. by Mr. Morrison).

YPSIA UNDULARIS.

I have been unable to find any spinules on the tibiæ of this species.

YPSIA UMBRINA.

In this species (*Phocyma umbrina*) the tibiæ are also unarmed.

HOMOPTERA UNILINEATA.

In this species the middle and hind tibiæ are spinose.

MATIGRAMMA RUBROSCUFFUSA.

In this species the middle tibiæ alone are spinose, and strongly so.

HOMOPYRALIS MISERULATA.

In this species the slender tibiæ are unarmed.

PETROPHORA EXCURVATA, n. s.

This species may be known by the markings being more distinct beneath, where the wings are crossed at the middle by a deep brown band filling in the outer median space between the median shade and the outer median line, the latter darker, pointed opposite the cell on fore wings and roundedly exserted in the same place on secondaries. A subterminal series of scalloped brown shades edged with pale outwardly. Fringes checkered. Fore wings with pointed apices; hind wings produced medially; the fringe has a dark even line at base. Above, these markings are more faintly reproduced; the s. t. line pale; the outer median line notched below costa, followed by a pale line. Beneath there are small linear discal marks on both wings. One specimen. Colorado, Coll. B. Neumoegen, Esq. Expanse 27 mil.

PETROPHORA MIRABILATA, n. s.

Allied to *Hersiliata*. Thorax and base of fore wings carneous gray; abdomen whitish. A sub-basal bright fleshy-brown band angulated on its outer edge on submedian fold. Median space blackish gray, straightly limited outwardly, narrowed on submedian fold by the tooth of the inner line, widest at costa, crossed by indistinct dark lines, followed by a broad clear fleshy-brown band edged with white outside of the outer median