

no existence in nature. The chrysalis also is badly done, and instead of the broad bevelled ridge at top of head case, we see a square flat-topped process, much like a wooden plug driven into the head.

## NORTH AMERICAN MOTHS.

BY A. R. GROTE.

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### *Graphiphora agrotiformis*, n. s.

♀. This form reminds one of *Agrotis collaris* or *versipellis*. Eyes hairy; tibiae unarmed; tufts obsolete. Fore wings blackish brown to the continuous, black, upright, uneven subterminal line; beyond with the fringes brownish. Median lines geminate, faint. Orbicular round, paler than the wing; reniform moderate, outwardly excavate, upright, pale-ringed with dark centre; the cell between the spots black-shaded; the stigmata are comparatively small. No trace of the claviform. Hind wings pale brownish fuscous, concolorous; fringes a little lighter and more reddish. Beneath secondaries paler, with discal dot and uneven exterior line; fore wings dark fuscous to terminal space, which is pale with the fringes dark. Head and thorax like the fore wings; collar a little paler. Body rather slender; costa of primaries a little depressed centrally. Colorado; expands 34 mil. Differs from the described species quite strongly; from *Mamestra* by the untufted body parts.

### *Heliophila oxygala*, n. s.

Allied to *pallens*. Fore wings light yellowish ochrey; the interspaces beyond the cell and below the median vein indeterminately shaded with blackish. The veins paler; a small black dot at the end of the cell alongside of the median vein. The outer line reduced to a small black dot on vein 2 and vein 5. Fringes concolorous. Hind wings blackish fuscous, a little paler at base; fringes pale. Beneath both wings shaded with fuscous, leaving the costa of primaries and the fringes pale. Breast shaded with fuscous; thorax and abdomen yellowish ochrey. This species is more yellowish than *pallens*, with the fore wings shaded with