

on both wings and much as in *nevadensis* Stretch; from this latter species, apart from their more transparent appearance, they may at once be distinguished by the thoracic vestiture, which is black, not pale yellow, as is found in *nevadensis*. The discal spot of secondaries in the Manitoba race is generally shorter and shows much more tendency to obsolescence than in either *lucina* or *nevadensis*.

Types—Five ♂'s, one ♀, Aweme, Man. (Criddle) (Sept.) in Coll. Barnes.

NOCTUIDÆ.

Ipimorpha viridipallida, sp. nov.

Primaries pale greenish ochre, with the usual markings of the genus, consisting of an outwardly oblique white t. a. line, slightly bent inwards in the central portion, an almost straight t. p. line, slightly angled opposite the cell, a faint and strongly irregular s. t. line defined inwardly by greenish shading, a large round orbicular outlined in white and a similarly outlined upright reniform constricted in the middle; claviform very faintly outlined and appressed to the t. a. line. Secondaries almost pure white, with a faint dark curved postmedian line crossing the central area of the wing. Beneath whitish, with a faint postmedian line crossing both wings.

Expanse 35 mm.

Types—Six ♂'s, two ♀'s, Truckee, Calif. in Coll. Barnes.

Most closely related to *nanaimo* Barnes, with practically identical markings; the pale greenish colour of primaries and the white secondaries readily separate it, however, from this species.

Abrostola parvula, sp. nov.

Thorax gray and brown mixed, posterior tufts light brown. Primaries with basal area to t. a. line brown, shaded with whitish at extreme base; t. p. line geminate, inner line faint, outer sharp, black, slightly angled below costa, rather evenly rounded to vein 1, where it bends outward, forming a slight but noticeable angle; median area dark blackish brown, containing the pale orbicular, subreniform and reniform spots the former two placed obliquely