

## THREE NEW SPECIES OF BOTIS.

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## BOTIS OPPILALIS, n. sp.

♂ ♀. Allied to the *feudalis*, *s-linealis* group. Pale ochrey, opaque, powdered with deeper ochre and fuscous scales. Discal dots small, indistinct, orbicular a solid point, reniform an open ring. Lines acutely dentate. Outer line exserted opposite the cell, forming an inward tooth at vein 2, and again another at vein 1, on primaries. On hind wings the outer line runs evenly outward till over the median nervules, where it approaches the margin, then running inwardly and straight across to internal margin. This species wants the usual subcostal indentation of the outer line on secondaries. A terminal ochre line. Thorax deep ochrey. Beneath whitish; primaries shaded with ochrey superiorly; markings of upper surface faintly repeated. Fringes concolorous or a little paler than wings. *Expanse* 28 mil. Two specimens, Mass.; one male sent me by Prof. Peabody from Amherst, Mass.; Maine, Dr. Packard.

## BOTIS OSCITALIS, n. s.

♂ ♀. Allied to the preceding, but both the discal marks are open. Opaque, ochrey, but more dusty, or fuscous tinted. Lines in lunulated black scallops, not fine and dentate. Outer line forming three more exserted scallops over median nervules, strongly drawn in below median vein, with an outward projection below vein 2, else the lower part of the line is tolerably even. Hind wings paler than primaries with the outer line drawn in sub-costally and forming three exserted lunules over the median nervules, thence running inwardly and more evenly and faintly to internal margin. Fringes a little paler than the wing; terminal line obsolete. Head and thorax like fore wings. Beneath paler, with the pale fuscous markings repeated, slightly iridescent; body parts whitish. Labial palpi dark above, whitish beneath. *Expanse* 27 mil. Two specimens, Ohio, Mr. Dury; Maine, Dr. Packard.

## BOTIS DISSECTALIS, n. s.

Allied to *marculenta*. Of the same bright yellow, shading to ochreous at base of primaries on costa and sides of the thorax in front. Ornamentation sub-obsolete. This species wants the subterminal line of