

SOME NEW SPECIES OF HADENA.

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Hadena (Xylophasia) runata, n. sp.

Ground colour smoky brown or blackish, varying in shade even to a reddish admixture. Head usually a little reddish, with a black band crossing the front. Collar usually paler at the base, crossed by a black line about the middle; usually tipped with paler scales. Thorax with a distinct divided crest, which often contains an admixture of lighter vestiture, patagiae with paler tips, a blackish submargin, and a disk as dark as the general ground colour. Primaries powdery, mottled, with all the markings well defined; no contrasts, save that the median space is usually darker than the rest of the wing. Basal line geminate, black, including a few whitish scales, and reaching to a narrow, short basal line which ends at the point of junction with the transverse marking. T. a. line black, geminate, the outer defining line well marked, the inner vague, except at the internal margin, where an oblique black shade extends inward along the margin. The line is well removed from the base, outcurved as a whole and in the interspaces. T. p. line geminate, blackish, the inner portion lunulate and best marked, the outer more even, less defined, marked with blackish dots on the veins. As a whole, it is outwardly bent on the costa, and then runs very evenly and almost parallel with the outer margin. A vague median shade is visible on the costa and between the ordinary spots, but becomes lost below that point. S. t. line white or very pale brown, only a little irregular, except where it forms a distinct, though small, w on veins 3 and 4. Two or three sagittate black spots precede the line at the w, and a dusky shade may extend the full length, sometimes adding other spots, or again losing all of them. Terminal space darker, except at apex. A series of black terminal lunules. Fringes cut with pale and a similar line at base, giving a festooned appearance. Claviform short, broad, more or less black filled, a black or blackish shade extending to the t. p. line and broadening outwardly. Orbicular oval, oblique, with a black ring inwardly edged by pale scales, of the palest ground colour. Reniform large, kidney-shaped, upright, incomplete above and below, outlined in black outside of a paler line, the centre of the ground colour. As the median space is darker than the rest of the wing, these spots are relieved and somewhat contrasting. Secondaries smoky gray, paler at base, fringes yellow at base; there is a dusky discal lunule and a blackish