

NOTES ON THE GENUS *OLENE* WITH DESCRIPTION
OF A NEW SPECIES.

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In our Contributions, Vol. IV, No. 2, p. 129, we called attention to two distinct species of *Olene* larva found in Maine; the one we identified as that of *vagans* B. & McD. and the other as *willingi* B. & McD. This latter identification was, however, an unfortunate error on our part; at the time we had only the single ♂ type of *willingi* before us, a rather suffused, poorly marked specimen, but later Prof. Willing was kind enough to send us for examination the co-type and the larva from which the figure in our revision of the genus (1913, Contr. II, (2), Pl. V, fig. 5) was made. These proved conclusively that our identification of the Maine larva as *willingi* was incorrect and that our treatment in the revision should hold. From information received from Mr. T. Spalding, of Provo, Utah, concerning the larva of *grisea* B. & McD., we believe that this name also for the present must remain associated with *vagans* as the two larvæ agree in lacking the dorsal hair pencil on segment XI; in any case *grisea* cannot be associated with the Maine species which we wrongly called *willingi*, the larva of this being at once separable by the presence of the aforesaid dorsal hair-pencil.

Mr. W. H. Brittain, Provincial Entomologist of Nova Scotia, is about to publish a Bulletin on the life-history of *vagans* which obviates the necessity for any further remarks on our part concerning this species.

During the summer of 1918 Dr. McDunnough was fortunate enough to discover eight more larvæ of the second *Olene* species on oak and beech trees in the vicinity of Ottawa, Ont.; these agreed exactly with the specimen found feeding on hazel the previous summer in Maine and eventually hatched out into three ♂'s and five ♀'s; the ♂'s agreed well with the Maine specimen figured in our Contributions, Vol. IV, Pl. XX, fig. 7; the ♀'s proved to be identical with our ♀ type of *vagans*, a fact which we had already hinted at in our notes (l. c. p. 129) when restricting the type of *vagans* to the ♂ specimen. As the species is without a name we offer the following description based on our Ottawa material.

***Olene dorsipennata*, sp. nov.**

♂.—Head, thorax and primaries rather even, dull, greenish gray; a straight black basal half-line; t. a. line broadly geminate, angled outwardly slightly in the cell, strongly in the fold and again immediately above inner margin, the included space partially filled with brownish shading; reniform of the usual broad lunate shape, incompletely outlined in black with traces of white shading within and around the edges, but much less prominently than is usually found in the group; t. p. line irregularly dentate, slightly bulging opposite the cell and strongly angled inwardly above inner margin, followed by a diffuse, dull liver-brown subterminal shade which in turn is bordered outwardly by a poorly defined whitish shade, most prominent as a small, white patch above anal angle; an irregular terminal black line slightly interior to the outer edge of wing, especially at anal angle; fringes greenish-gray, faintly checkered outwardly with pale ochreous. Secondaries dark smoky with faint traces of a darker subterminal line. Beneath smoky gray, darker in cell of primaries with large discal dot and diffuse subterminal line on all wings. Expanse 37 mm.

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