

Lyonetia latistrigella Walsingham.

Lyonetia latistrigella Walsingham, Trans. Am. Ent. Soc., X, 203, 1882; Busck, Proc. Ent. Soc. Wash., V, 209, 1903; Dyar, List N. A. Lep., No. 6416, 1902.

Two specimens of this interesting species were bred at Balsam, N. C., from mines on *Rhododendron maximum* L. The mines were only observed upon the young tender leaves which had not yet attained their full size. The mine begins as a very fine black line, continuing thus for a length of about 3 cm., after which it becomes noticeably broader for about the same distance, but is still to be considered a linear mine. Beyond this point it rapidly enlarges to a brownish elongate blotch, 4 cm. in length or more, with an average width of 5 mm. The larva leaves the mine to pupate, suspending its naked chrysalis by means of a few silken threads stretched across a bent leaf.

The two imagoes agree closely with Walsingham's description, and exhibit no variation. They are easily distinguished from the allied species by the conspicuous ferruginous patch of scales in the apical fourth of the wing.

TWO NEW SPECIES OF COLEOPTERA FROM ILLINOIS.

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The two apparently new species herewith described were collected by Prof. Arthur G. Vestal during the course of his biological studies in the Illinois sand region, and, as the result of his investigation will, no doubt, soon be published, it seems desirable that these nondescripts be made known prior to the appearance of his paper.

For the opportunity of describing these beetles I am indebted to Prof. Vestal, who, with rare generosity, likewise gave me the two unique representatives of the following species.

Saprinus illinoensis, sp. nov.

Broadly oblong-oval, strongly convex, shining black; the antennæ dull rufous, the basal joint and the legs rufo-piceous. Head impunctate, strongly margined at sides and apex; surface with a distinct and irregularly eroded chevron. Prothorax twice as wide as long; the sides rather strongly convergent and feebly rounded, more strongly rounded near apex; marginal groove distinct, deep throughout; disk feebly, rather densely rugulose, more feebly so toward middle and obsolete in small area at middle of base, coarsely and deeply but sparsely punctate along the

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