

## NEW TORTRICIDS.

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The only apology for publishing the following descriptions at this time, is that the names have been made use of in identifying specimens for Messrs. Saunders, Winn and Young, and that "MSS" species are the *bête noire* of entomology—effectually locking up a species indefinitely, and prohibiting any one from referring to it in any way, no matter how common it may be or how interesting a life-history someone else may have worked out.

*Tortrix semipurpurana*, var. nov.—Head, palpi, thorax, antennæ and front wings pale lemon-yellow. A large purplish-brown spot rests on the dorsal margin and covers all of the wing, except a narrow line along costa, a small basal patch and a submarginal and apical band of yellow, these are all confluent, forming a wide inverted **U**, transversely through the dark blotch are two shining steel-gray fasciæ, which are continued through the yellow costal margin, as shining yellow scales. In the yellow space before the apex is also a short fascia of shining yellow scales, touching the costa. Cilia pale yellow.

Hind wing: Light purplish-fuscous, pale yellow at apex. Under side: front wing, yellowish-white, with upper dark blotch repeated by a shade of pale purple. Under side: hind wing, same as upper side.

Abdomen and legs very pale yellow, with a fuscous spot on upper side of segments 10 and 11.

Five ♂, twelve ♀. Bred, Montclair, N. J., oak, VI., 9; Cincinnati, Ohio, VI., 4 to 15, Miss Annette F. Braun; New Brighton, Pa., VI., 16 to 24, Frank A. Merrick; Chicago, Ill., June, Jos. H. Reading; Quincy, Ill., June, O. C. Poling; Toronto, Ont., June, H. S. Saunders.

The male specimens are of a paler purple than the female; in some examples of both sexes the purple area nearly or quite touches the costa at inner and outer third, thus enclosing a small middle costal yellow spot.

This dark form has been included in my collection with *albicomana*, Clem., and while I have not had sufficient experience in breeding to justify entire separation, the constant difference certainly warrants a varietal name.

Co-types, U. S. Nat. Mus., No. 8211, and my collection.

*Eulia pinatubana*, sp. nov.—Head, palpi, thorax above and upper side of fore wings, yellowish-red. Thoracic tuft, basal patch, oblique and

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