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PARASITES OF THE COTTON WORM.

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Among the parasites so far found to attack and destroy *Aletia argillacea* Hübn., aside from two not reared to the perfect state, are the following: Obtained from the egg, *Trichogramma pretiosa* n. sp.; from the larva, *Tachina aletiae* n. sp., and *Sarcophaga sarraceniæ* Riley; from the pupa, *Pimpla conquisitor* (Say), *Cryptus nuncius* Say, *Chalcis ovata* Say, and *Cirrospilus esurus*, n. sp.

I append descriptions of the new species, in order that they may be properly referred to by Prof. J. H. Comstock, who is now finishing the report on the Cotton Worm begun by me while connected with the Department of Agriculture.

I. TRICHOGRAMMA PRETIOSA, n. sp.—Length about 0.3 mm. Yellow, the eyes red, the wings hyaline. Head wider than the thorax; antennæ 5-jointed, joints 3 and 4 in the ♀ forming an ovate mass and together shorter than joint 2; joint 5 large, thickened and very obliquely truncate; in the ♂ joints 3, 4 and 5 form a more or less distinct, elongate club, beset with long bristles. Hairs of the wings arranged in about fifteen lines. Abdomen not so wide as the thorax, but as long as the head and thorax together; in the ♀ the sides subparallel, and the apical joint suddenly narrowed to a point. Described from numerous specimens reared from eggs of *Aletia argillacea*.

Differs from *Trichogramma minuta* Riley (Third Rep. Ins. Mo., p. 158, fig. 72, ♀) in its smaller size and uniform pale yellow color, and also in the form of the third and fourth joints of the antennæ. As defined and figured by Westwood, the antennæ of *Trichogramma* are 6-jointed. Walker, in his "Notes on the Chalcidæ," pt. vi., p. 105, employing