

COLEOPTERA.

C. gigantella Cham.

A typographical error in the original description makes it read "these are in the apical part of the wing" for "three are in," etc. The species was described from a single specimen from Canada, and was placed in the section "having the palpi simple." Since then I have bred it from cases found in May attached to Maple trees (*Acer saccharinum*), in Kentucky. The specimen in Mr. Saunders' collection had probably been a little injured in setting, as in the bred specimens I find there is a minute tuft at the apex of the second joint of the palpi, and there is also an ochreous streak from the base along the dorsal margin of the fore wings.

Among the European species figured in the *Nat. Hist. Tin.*, *C. virgauræ* most nearly resembles this species, which, however, is larger than *virgauræ* and has no brown dusting on the wings. *Virgauræ*, likewise, has the costa narrowly white to the middle, whilst in *gigantella* the extreme costa is of the same pale brownish ochreous with the streaks on the wing. The streaks on the fore wings are in other respects alike in the two species. The hind wings, abdomen and anal tuft are gray (in *virgauræ* the tuft is yellowish ochreous). The ciliæ of the fore wings are a little paler and more grayish than the streaks on the wings, and the outer surface of the palpi is brownish ochreous. The larval case is of the same form in this species as in *virgauræ*, except that it is a little more slender, and it is of a sordid brownish-yellow color. The imago comes out in the latter half of June.

C. shaleriella Cham. resembles *gigantella* closely, but is a little larger, having an *al. ex.* of $\frac{1}{2}$ inch, while that of *gigantella* is five lines; and in *shaleriella* the antennæ are not annulate with brown.

Both of these species approach *C. cratipennella* Clem. Dr. Clemens gives no measurements, and I have not seen his species; but from his account of it, it would seem to differ from *gigantella* and *shaleriella* by the unusual width of the streak which extends along the wing between the costal and subcostal veins, and by "the stripe along the subcostal vein which sub-divides into two branches terminating on the costa," and in the number and course of the streaks in the apical part of the wing; the color of the basal portion of the costa is not stated by Dr. Clemens.

I have no specimen of *shaleriella* for comparison now, and it may prove to be identical with *gigantella*.