

is quoted by Dr. Clemens as saying, "the pupa is represented without the detached tongue-case." Now in fact, the pupa has no external tongue-case at all, such as is so noticeable in *Amphonyx Antæus*, *Protoparce Rustica*, in the other species of *Protoparce*, and to a less degree in those of *Diludia*. The pupa of *Pseud. Tetrio*, of which I possess several examples through the kindness of my friend, Wm. Schaus, Esq., jr., is as follows: Pitchy, cylindrical, tapering a little from the junction of the thorax and the head, and more abruptly from the 8th abdominal segment to the tip. It is swollen on the thorax and on the eye cases, while the head is distinctly rounded in front. The covers of the antennæ and the wing bases are slightly marked with transverse corrugations. In the earlier stages of the pupa it has a paler tint, and is marked with some black transverse bands on the upper abdominal segments, which, however, are lost in the ground color as the pupa assumes with age a darker shade. The pupa most nearly resembles that of the genus *Philampelus*. Length 65 mm.; width of head, 11 mm.; width of middle of abdomen, 16 mm.

PHILAMPELUS TYPHON, Klug.

"Cinereous, reddish beneath. Palpi red. Thorax with two dark brown abbreviated stripes. Abdomen with dark brown bands, red on the sides. Anterior wings glaucescent and testaceous mixed, with several blackish-brown sub-trigonal patches. Posterior wings red, with a denticulated band, black, varied with glaucescent, with the exterior margin brown, and the cilia white."—CLEMENS.

This grand insect, of which a specimen taken by the late H. K. Morrison is now in the collection of B. Neumoegen, Esq., is in some respects closely allied to *P. Achemon* Drury, but is larger in size, and altogether richer and darker in color, while the markings are more diffused, and in stronger contrast to the ground color of the wings. A fair figure of it is given in "N. Amer. Lepidoptera," Sphingidæ, pl. 11, by Weidemeyer, Calverley & Edwards, while that by Klug in "Neus Schmett," pl. 3, is remarkable for its accuracy and fidelity to color. Mr. Neumoegen's example was taken in N. E. Arizona.

SYNTOMEIDA EPILARIS, Walk.

Wings, thorax and abdomen bluish black, with a metallic lustre. The primaries have five white spots each, one small at base of costa, one in middle of wing near to basal third, one half way on costa, one smaller a