

as ten-jointed: this is evidently a misprint, as both *Aspicela* and *Phydanis* have these organs eleven-jointed. A single species is now added from Mexico; it is closely allied to the North-American *P. bicolor*.

### 1. *Phydanis nigriventris*, (Tab XLII. fig. 23.)

Black, the head, antennæ, thorax, and legs fulvous; elytra metallic violaceous-blue, punctate-striate, the interstices finely punctured.

Length 1 line.

Head broad, the vertex convex and with a few fine punctures, the frontal tubercles broad, not strongly raised, the space below the eyes deeply excavated for the reception of the basal joint of the antennæ; the antennæ extending to two-thirds the length of the elytra, fulvous, rather robust, the third joint slightly longer than the fourth; thorax transversely convex, nearly three times as broad as long, the sides rounded, the angles obtuse, the posterior margin sinuate on each side, the surface very minutely and finely punctured, fulvous; scutellum black; elytra short, subcylindrical, convex, dark blue, distinctly punctate-striate, the interstices minutely punctured; underside (that of the thorax excepted) black; legs fulvous; the tibiæ deeply channelled; claws appendiculate; anterior coxal cavities open.

*Hab.* MEXICO, Chilpancingo and Amula, both in Guerrero (*H. H. Smith*).

Two specimens. This species resembles *P. bicolor*, Horn, in the coloration of the upper surface; but it differs from it in having the underside black, and the elytra strongly punctate-striate, the punctures distinct to the apex. *P. nigriventris* is not unlike *Gastrophysa polygoni* in its general facies, though it is very much smaller than that insect.

## PSYLLIODES (p. 393).

This genus possesses closed (not open) anterior coxal cavities, and it must therefore be placed in the same section as *Chætocnema* &c. Weise gives the claws as appendiculate, in opposition to Chapuis and Horn, who describe them as simple; they are certainly simple in the American species which have come under my observation.

### 3. *Psylliodes mexicana*.

Below black, above bronze-coloured; the basal joints of the antennæ and the tibiæ more or less fulvous; thorax very strongly and closely punctured; elytra deeply punctate-striate.

Length 1 line.

Head minutely granulate, with some very fine and distantly placed punctures; antennæ about half the length of the body, the lower five joints fulvous, the others fuscous; thorax about one half broader than long, narrowed anteriorly, the sides straight, the anterior angles oblique, sharp, the surface closely and almost rugosely punctured, the punctures irregularly placed, large, intermixed with smaller ones; elytra deeply and regularly punctate-striate, the punctures somewhat transverse in shape, the interstices scarcely wider than the punctures and slightly wrinkled (when viewed laterally); underside black, finely pubescent; the femora at the apex and the tibiæ and tarsi fulvous, more or less stained with fuscous.

*Hab.* MEXICO, near the city (*H. H. Smith*).

The anterior tarsi of the male are distinctly dilated and the last abdominal segment is slightly concave in this sex. The species seems to be closely allied to *P. punctulata*,