

SPHCEOMYIA PATTONI, sp. nov.

♂ ♀. Antennae reddish-black, very short, joints nearly of the same length; the first cylindrical, the second sub-triangular, the third rounded, reddish below; arista reddish. Face golden yellow, with a black stripe reaching from the antennae to the oral margin, cheeks black; front in female black with a golden spot on each side. Thorax black, a large spot on the pleurae and a smaller one under it, humeri and basal part of scutellum yellow. Abdomen black; first segment with a narrow posterior border, second segment with two narrow yellow cross-bands; the anterior one near the middle of the segment broadly interrupted, the posterior marginal one entire; third and fourth segments similar, the middle cross-bands successively a little wider and less broadly interrupted; fifth segment nearly all yellow. Femora brownish-black at the base, becoming reddish at the end, especially on the posterior pair. Anterior tibiae, except the base and tarsi, quite black, middle and posterior tibiae and tarsi, except the last two joints, reddish-yellow. Wings tinged with brownish along the veins, hyaline in the middle of the cells. Long. corp. 13-14 mm. Two specimens. Washington Territory.

This species is very like *Sphceomyia brevicornis* O. S., but differs in the antennae being still shorter, and the picture of the abdomen different.

mm.—Antennae short, situated low down, near the middle of head in profile, the projection less prominent; face not much produced, not longer than the front.....

gg.—Larger pilose species, the abdomen always with short, furry pile; dorsum of thorax never with yellow markings other than on the humeri.....

n.—Scutellum, margin and pleura of thorax with bristly hairs; face distinctly tuberculate; femora slender; abdomen uniform metallic, not banded.....

Chrysoclamys.

The following table of the North American species I reproduce from Osten Sacken (West. Dipt., 340), without change:

Arista black.....

Arista reddish.....

Leg entirely reddish-yellow.....

Anterior femora at base and tips of all the tarsi black.....

All the femora brown; tibiae likewise infuscated.....

CHRYSOCULAMYS CROESUS O. Sacken. West. Dipt., 341. Washington Terr., California! Utah.

mm.—Thorax without any bristly hairs.

o.—Face short, not produced, extending but very little below the eyes, shorter than the front, concave from antennae to tip, not tuberculate, transversely arched, hind femora more or less thickened.

p.—Abdomen elongate, hind femora with short spinous bristles below.....

Brachypalpus.