

## A NEW GENUS IN THE COELIXINÆ.

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*Chrysopheon*, new genus.

General shape and appearance of an *Epcolus*; labrum very long, rounded transversely, labial palpi 4-jointed, *first joint longest*, third and fourth subequal; maxillary palpi 2-jointed, second joint longest and tapering, maxillæ long, sickle-shaped and convoluted; scutellum with two short slightly-incurved spines, postscutellum produced medially into a short, sharp, upturned tooth; marginal cell rounded, not attaining the costa, *second sub-marginal cell longer than first, narrowed above; receiving both recurrent nervures*, claws bifid, inner tooth shortest, no pulvilli; abdomen convex, densely pubescent and banded, last segment of female bare, narrowed slightly and emarginate a very little at tip.

Differs from *Dioxys*, Lepel., by second sub-marginal cell longer than first, and by first joint of labial palpi being longer than second; from *Hoploparasites*, Ashm., by the colour of the abdomen as well as other characters; from *Biastes*, Panzer, by shape of abdomen and by palpal characters.

*Chrysopheon aurifuscus*, new species.

♀.—Black; pubescence golden-brown; head closely, confluent punctured, clypeus coarsely, closely punctured with an elevated smooth carina on its anterior edge; labrum narrowed near base and truncate at anterior end, confluent punctured, except at base, where it is longitudinally striate, striæ separate; mandibles black, bidentate with outside groove; face with rather long hair, occiput and cheeks with shorter hair; antennæ black; base of metathorax with a row of regular pits, much as in some *Colletes*; pubescence of dorsum of metathorax short; on pleura, scutellum and sides of metathorax longer, denser; wings clouded with a few hyaline spots; tegulæ reddish testaceous, hairy, punctured, shining; stigma black; legs with sparse glittering golden-brown pubescence, tarsi reddish; first four dorsal segments of the abdomen with dense short pubescence, on apical margins heavier and forming distinct hair-bands; fifth segment with a narrow apical band, sixth segment bare, narrowed very slightly towards the tip, longer than wide and slightly emarginate at tip; first five ventral segments with strongly visible hair-bands, that on first narrower than others and all five segments sparsely pubescent with short hair; last segment smooth, rounded at tip, and shorter than the last dorsal segment; abdomen with close medium-sized punctures; ventrally the punctures are larger and more separate. Length 12 mm.

Habitat.—Colorado. Described from two females taken on Horsetooth Mt., near Ft. Collins, altitude 7,500 ft., June 14, 1899, on *Monarda citriodora* and *Chrysop villosus*.

The types are in the collection of the Colo. Agr'l College.

Prof. Cockerell suggested to me that perhaps this was near *Melecta mucida*, Cress., and that that species might belong to the same genus. The type of *M. mucida* is in Acad. Nat. Sc. of Philadelphia. Mr. Vierick writes me from there that the mouth parts are entirely concealed.