

indicated as being in the collections of the Illinois State Laboratory of Natural History (Accession No. 45,085).

This species evidently differs considerably from the type species, *citrinus* Howard; it must be considerably larger and more slender, the colour is brown, not light orange; the mesonotum is differently sculptured, namely, polygonally, not finely, transversely lined; the sheaths of the ovipositor not nearly black at tip but concolorous; the joints of the funicle somewhat longer, and the antennal club shorter, not as long as the funicle, even; and no oblique hairless line on the fore wing is noted for the type species, nor a ring-joint in the antennæ.

Family Pteromalidæ.

Subfamily Sphegigasterinæ

Tribe Sphegigasterini.

Genus *Urios* Girault MS.

1. *Urios vestali* Girault.

This nearly wingless species, which was described in the Journal of the New York Entomological Society (December, 1911), was captured by Mr. A. G. Vestal at the Devil's Hole, near Havana, Illinois. It was found in an ant's nest (*Pheidole vinelandica* Forel.), April 1, 1911. The nest of the ant was in sandy soil, in a bunch grass area. Mr. Vestal stated that, casually, he was unable to distinguish the pteromalid from the ants. In other words, it closely mimics the host ant.

Family Eulophidæ.

Subfamily Entedoninæ.

Tribe Omphalini.

Genus *Astichus* Foerster.

1. *Astichus bimaculatipennis*, new species.

Normal position.

*Female*.—Length, 1.85 mm. Funicle not ringed with white, scutellum not smooth, and without grooved lines, parapsidal furrows not very distinct, cilia of wings not in rows, dense; wings with two maculæ. Species large for the genus.

General colour metallic green, the head and pronotum metallic bluish, the face æneous just dorsad, purplish just ventrad, of the insertion of the antennæ; the dorsum of the abdomen, except the metallic green proximal segment, dark, purplish black; metanotum with æneous reflections; scape pallid dusky; thoracic pleura and coxæ metallic dark bluish, the femora