

of the fourth joint of the palpi; it differs from the adult *Rhyncholophi* by the general shape of the body, the insertion of the palpi, the configuration of the mandibles and tarsi, and the finely wrinkled skin.

Fam. EUPODIDÆ.

[Kramer, Ueber Milben, Zeitschr. ges. Naturw. liv. p. 448 (1881).]

SCYPHIUS*.

Scyphius, C. L. Koch, Uebers. d. Arachnidensyst. Heft iii. Abth. 2, p. 62 (1837); Kramer, l. c. p. 449 (1881).

1. *Scyphius maniacus*, sp. n. (Tab. VI. figg. 2-2 d.)

Corpus oblongum, antice acutum, postice rotundatum, supra convexulum, albidum, semipellucidum, læve, setis raris in pedibus et abdomine indutum; humeri late rotundati, post eos abdomen coarctatum. Pedum primum par cæteris longius, par secundum brevius. Pedes corporis margini laterali inserti. Pseudocephalo-thorax triangularis, ab abdomine per sulcum transversum separatum. Oculi nulli. Palpi longi, eorum articulus extremus penultimo longior, cylindricus, basi coarctatus, apice rotundatus, setis pluribus rectis tactilibus armatus. Mandibulæ epistomium superantes, cheliferae, chelarum articulus fixus curvus, dente acuto armatus, ad basin supra setulam gerens; articulus mobilis falciformis, acutus, angustus, basi solum atque extremo apice articulum fixum tangens. Pedum articuli extremi longi, versus apicem gracilescentes, unguiculis curvis, unguicula tertia spuria, recta, setulosa armati.

Long. 0.75 millim.

Hab. GUATEMALA, Retalhuleu (*Stoll*).

Body oblong, rather acute towards the frontal end, rounded behind, convex, soft-skinned, semitransparent, whitish, smooth, with a few rows of stiff, minutely pinnate hairs on its back. Abdomen a little attenuated behind the rounded and not very prominent shoulders. Legs inserted on the sides of the body, the first pair longer, the second pair shorter, than the rest; epimera of pairs 1 and 2 separated by an interspace from those of pairs 3 and 4; joints cylindrical, except the sixth, the latter gradually attenuated towards the apical end, and bearing two curved claws and an erect brush-like false claw. Legs and palpi with several squarrose bristles. Palpi long, their last joint rounded at the end, and bearing several long, stiff setæ. Mandibles short, but visible from above; the fixed branch of the chelæ ending in a short curved tooth, which bears a short seta of about the same length at its base outside; the movable branch strongly curved, falciform, narrow, and touching the tooth of the immovable branch only with its acute point; none of the branches bear any denticulations. Eyes wanting.

This species lives in the forests of the "tierra caliente" near Retalhuleu among the fallen leaves. It runs in a very quick but interrupted erratic manner, and is rather difficult to capture. The softness of its skin renders microscopical examination somewhat difficult.

* Preoccupied in Pisces (Risso, 1826).