

their tibiae and the basal joints of their tarsi, and the extreme base of the hind tibiae, reddish-yellow.

Wings tinged with yellowish; stigma yellow.

Length 9 millim.

Hab. COSTA RICA, Rio Sucio (*Rogers*).

Two specimens.

The following species described by M. Bigot are unknown to me:—

Melanostoma (?) *anthracoides*, Bigot, Ann. Soc. Ent. Fr. 1884, p. 82.—Panama.

—— (?) *annuliferum*, Bigot, loc. cit. p. 84.—Mexico.

—— (?) *quadrinotatum*, Bigot, loc. cit. p. 77.—Mexico.

—— *cyaneocinctum*, Bigot, loc. cit. 1885, p. 251.—Mexico.

As regards *M. anthracoides*, the yellow scutellum and coloured wings render the location in this genus doubtful; it is, more likely, an *Ocyptamus*. *M. annuliferum* cannot be a *Melanostoma*. *M. quadrinotatum* is apparently a true *Melanostoma*, but I do not recognize it amongst our specimens; there is a discrepancy of importance between the diagnosis and the description.

EUPEODES.

Eupeodes, Osten Sacken, Western Dipt., in Bull. U.S. Geol. & Geogr. Survey, iii. p. 328 (1877).

1. *Eupeodes volucris*.

Eupeodes volucris, Osten Sacken, Western Dipt., in Bull. U.S. Geol. & Geogr. Survey, iii. p. 329¹;

Willist. Synopsis N.-Am. Syrphidæ, p. 65, t. 3. figg. 14, 14 a².

Syrphus perpallidus, Bigot, Ann. Soc. Ent. Fr. 1884, p. 90³.

Hab. NORTH AMERICA³, Washington², California^{1 2}, Nevada^{1 2}, Utah^{1 2}, Kansas², Colorado^{1 2}, New Mexico², Arizona².—MEXICO, Northern Sonora (*Morrison*), Mexico City (*H. H. Smith*).

SYRPHUS.

Syrphus, Fabricius, Syst. Ent. p. 762 (1775).

Scæva, Fabricius, Syst. Antl. p. 248 (1805).

Ischyrosyrphus, Bigot, Bull. Soc. Ent. Fr. p. lxviii (1882).

Syrphus, as now restricted, is, I believe, pre-eminently a European and North-American genus. Many species have been described from South America, but I believe they will be mostly found of heterogeneous forms when they shall have been studied in the light of modern dipterology. I am acquainted with several species which have to be placed in the genus at present, though wanting in the homogeneity that characterizes most of those now placed there. I have, however, seen a *Syrphus*, in the