

SOME TAHITIAN MYCETOPHILIDAE AND CHIRONOMIDAE*

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FAMILY MYCETOPHILIDAE

No species of this family have been reported from Tahiti hitherto. The collection made by Mr. A. M. Adamson of the Pacific Entomological Survey contains four specimens of *Sciara*, belonging to as many distinct species; only one of these is determinable.

Genus SCIARA Meigen

Sciara radicum Brunetti (?)

Tahiti: Papeete, September 9, 1928, 1 male at light, Adamson.

A second male taken at the same time and place apparently represents a distinct species, differing from *S. radicum* in having the tips of the first few flagellar segments yellowish.

FAMILY CHIRONOMIDAE

Two species of this family were found by L. E. Cheesman on Tahiti and recorded in my report on the Nematocera of the St. George Expedition: *Chironomus* species and *Orthocladius brachidicranus* Edwards. The former is a typical *Chironomus* closely related to *C. samoensis* Edwards; the latter belongs, according to my present classification, to the subgenus *Smittia* of *Spaniotoma*, and is closely related to some Marquesan species.

Genus CHIRONOMUS Linnaeus

Mr. Adamson's collection includes two tubes of larvae of a species of *Chironomus* from Lake Vaihiria. The species is presumably the same as the one found by Miss Cheesman.

Genus TANYTARSUS van der Wulp

The collection contains damaged examples of two species of this genus, both of which have most of the characters of the subgenus *Stempellina*, the wings being almost cuneiform, without distinct anal angle, and the hind tibiae with two unequal and narrowly separated combs, the smaller comb bearing

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a rather long spur, the larger comb unarmed. Both appear to have (or to have had) several marginal scutellar hairs, instead of two only as in the European species of *Stempellina*.

Tanytarsus (Stempellina ?) species 1.

Tahiti: Vallée de la Reine, 2 miles from sea, 1 male, 1 female, Adamson.

A small yellowish species without dark markings.

Tanytarsus (Stempellina ?) species 2.

Tahiti: Faraura Valley, Hitiaa, altitude 500 feet, 5 miles from sea, 1 male, 3 females; Fautaua Valley, altitude 1000 feet, 1 female, Adamson; Vallée de la Reine, altitude 460 feet, 3 miles from sea, 1 male over river, Mumford and Adamson.

Smaller, more hairy, and much darker than the last.