

TWO NEW SPECIES OF BARICHNEUMON (HYMENOPTERA:
ICHNEUMONIDAE) FROM THE SOCIETY ISLANDS*

By

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The two Tahitian species described below were submitted to me for study by Edward P. Mumford of the Pacific Entomological Survey. Both are closely related to the Marquesan *Barichneumon veo* Cheesman. These three species are by no means typical of the genus because of the somewhat convex scutellum, striate postpetiole, and the absence of the ventral abdominal plica. However, I cannot reconcile them with any of the genera described from the Australian region by Heinrich.

The following key will distinguish the three species:

1. Abdomen entirely black (coxae entirely black, hind coxa densely hairy ventrally).....**B. veo** Cheesman
Abdomen not black beyond fourth tergite.....2
2. Fifth tergite brown, sixth and seventh whitish; front and middle coxae whitish below; hind coxae densely hairy below; scutellum rather strongly convex and sparsely punctate.....**B. bicoloranus**, n. sp.
Tergites 5-7 brown; all coxae entirely black; hind coxae glabrous below; scutellum weakly convex, mat.....**B. brunneicauda**, n. sp.

Barichneumon bicoloranus, n. sp.

Similar in size and form to *B. veo* Cheesman, but at once distinguishable by the bicolored apex of the abdomen and the ventrally whitish front and middle coxae and trochanters.

Female.—Length 13 mm.

Head coarsely and densely punctate, except on face, clypeus, and cheeks, which are sparsely punctate and polished; median welt of face nearly impunctate; a few oblique striae below each antenna; clypeus broadly truncate, not medially produced; basal joint of flagellum, exclusive of anellus, fully a half longer than thick.

Thorax laterally, coarsely ruguloso-punctate, pronotum more striately so below, more finely punctate above, speculum polished; mesoscutum finely and densely punctate, the punctation running into striation posteriorly; scutellum rather strongly convex, shining, rather sparsely punctate; propodeum somewhat irregularly striato-punctate laterally and apically, more evenly and obliquely striate in lateral areas, longitudinally striate in areola, costulae weak; hind coxae coarsely rugulose above, punctate on sides, densely hairy beneath.

Postpetiole longitudinally striate; tergite 2 densely punctate, medially striate especially at base; tergite 3 more finely and sparsely punctate; other tergites virtually impunctate; ovipositor slightly exerted.

Black; frontal orbits and margins about base of mandible reddish; front and middle coxae and trochanters whitish below, their femora and tibiae brown in front; wings slightly infumate, venation black; tergite 5 brown, tergites 6 and 7 whitish.

* Pacific Entomological Survey Publication 8, article 16. Issued February 28, 1938.

Society Islands: Tahiti, Papenoo Valley, one female taken October 25, 1928, A. M. Adamson (type no. 52110, U. S. National Mus.).

Barichneumon brunneicauda, n. sp.

Differs from description of *B. bicoloranus* as follows:

Female.—Length 11 mm.

Basal joint of flagellum barely a third longer than thick; pronotum finely ruguloso-punctate laterally throughout; mesoscutum finely ruguloso-punctate and dull; scutellum weakly convex, densely and rather coarsely rugulose; pleura more rugulose than ruguloso-punctate; propodeum reticulato-punctate; hind coxa not hairy beneath.

Legs entirely black except front tibia, which is brownish anteriorly; apical three tergites brown.

Society Islands: Tahiti, Anarooi Plateau, one female taken October 31, 1928, A. M. Adamson (type no. 52111, U. S. National Mus.).