

A New *Apanteles* from Hawaii (Hymenoptera: Braconidae)

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By virtue of its conspicuously fasciate wings and banded female antennae this is one of the most striking species of *Apanteles* known to me.

Apanteles trifasciatus, new species

Female.—Length 3 mm. Head very nearly as wide as thorax; face shining, evenly covered with shallow, separated punctures, and with a median longitudinal keel above middle; malar space shorter than clypeus; vertex and temple closely punctate and dull. Thorax stout; mesoscutum with well separated, sharp punctures over most of its surface, subopaque except for a median area on posterior third and a smaller area at each of posterior lateral angles which are impunctate and polished; disc of scutellum evenly convex, impunctate, polished; scutellar furrow with about 10 foveae; polished area on lateral face of scutellum transverse, twice as broad as long, the large area in front of it mostly smooth; propodeum rugulose medially and apically, smooth and shining each side of middle on basal half, areola indicated but its margins low and irregular; mesopleuron impunctate and polished above the longitudinal impression, which is more or less aciculate and has a few indistinct shallow foveae; metapleuron impunctate, polished; posterior coxa impunctate, polished, strikingly compressed and almost keeled above; inner calcarium of hind tibia twice as long as outer but barely half as long as metatarsus; metacarpus a little longer than stigma; first abscissa of radius slightly longer than intercubitus, which it joins in a sharp angle; stub of second abscissa of radius as long as petiole of first discoidal cell; cubitus beyond intercubitus unusually long, longer than first abscissa of radius; nervellus straight, nearly perpendicular to mediella. Abdomen rather slender, widest at third tergite; plate of first tergite about as broad at apex as at base, broadest at the middle with the margins slightly bowed, longitudinally rugulose except on basal middle and at extreme apex, where it is smooth and polished; plate of second tergite transverse, much broader at base and more than twice as broad at apex as long, entirely smooth and polished; following tergites smooth and shining; ovipositor sheath about as long as abdomen, slightly shorter than the unusually long posterior tarsus, very slender but broadening slightly toward apex.

Black; face a little reddish medially below antennae; maxillary palpi dark basally, the apical three segments lighter; scape yellow; pedicel and basal six flagellar segments brown, these followed by four or five yellow segments beyond which antenna is dark brown or blackish; anterior leg yellowish, coxa brown; middle leg light brown, base of tibia white, tarsus yellowish; hind leg brownish black, trochanter brownish yellow, tibia, except for a broad white basal annulus, and metatarsus black, second and following segments of tarsus yellow; wings hyaline, anterior wing with a broad, dark fuscous band basad of a line extending from petiole of first discoidal cell, another slightly narrower band extending from stigma to posterior margin, and apex of wing broadly but not so deeply infumated; hind wing entirely hyaline; abdomen black; second tergite and base of third red; ovipositor sheath brown.

Male.—Like the female except for the uniformly dark brown antennal flagellum, the absence of the first transverse band of anterior wing, and the much shorter abdomen.

Type.—U. S. National Museum No. 57277.

Type locality.—Honolulu, Hawaii.

Described from 8 females and 2 males reared by August Busck, August 1915, from cotton bolls; 1 male labeled "Kaumama, Hilo, Hawaii, Aug. 22, 1927, M. Maneki Coll."; and 3 females and 6 males labeled "S. E. Koolau Mts., Palolo, Oahu, May 18, 1914, J. C. Bridwell Coll." The national collection has, in addition, 1 female labeled as having been collected by R. G. Oakley on an airplane arriving at Guam, August 11, 1938, from Hawaii.