

## A New Species of *Odynerus* from the Hawaiian Islands (Hymenoptera: Vespidae)

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This paper contains the description of a new species of *Odynerus* from Niihau. The only *Odynerus* previously reported from that island is *O. soror* Perkins (Fullaway, 1947).

Six female specimens of *Odynerus*, along with other Hymenoptera from Niihau, were presented to the author for identification by Mr. John W. Beardsley, who had received them from Dr. L. D. Tuthill. I am grateful to Mr. Beardsley and Dr. Tuthill for the privilege of studying this material.

### *Odynerus niihauensis*, new species

Female. 11–12 mm. long. Black, robust, body with whitish pubescence; wing pitchy black with slight bluish iridescence. Head, thorax, and scape of antenna black; legs, abdomen and flagellum of antenna ferruginous; a small median flavous spot slightly above antennae, and a small yellow spot on posterior margin of each eye. Apex of clypeus deeply emarginate. Head, thorax, scutellum, and postscutellum sparsely, lightly punctured. Scutellum with a median longitudinal furrow, its anterior end with a small cluster of setae. Postscutellum with a low, Y-shaped raised line anteriorly; its posterior margin emarginate medially. Propodeum dull and coarsely rugose. Basal abdominal segment with scattered large punctation; rest of abdomen with dense medium-sized punctures. Second abdominal sternite with long curved costae in middle. Costae narrowly separated by deep grooves; posterior margin of costate area flat, shiny and triangular-shaped (fig. 1).

Male. Unknown.

Holotype: Niihau, Aug. 1947, L. D. Tuthill collector (Experiment Station, HSPA). Paratypes: Four specimens, same date as holotype (Bishop Museum and University of Hawaii).

In general, this species appears closely related to *O. lipocharis* Perkins, except that the front and mesonotum are more coarsely and closely punctured, and there is a shallow depression at the apex of the costate area. The punctation of the front and mesonotum of *O. konanus* Perkins, a

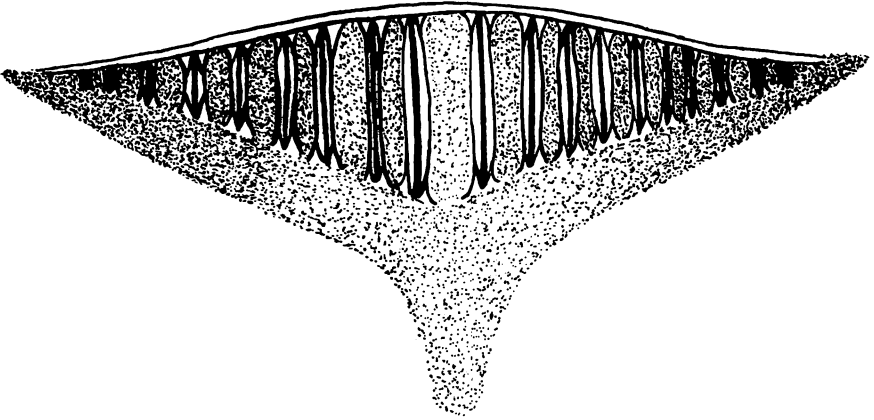


FIG. 1. *Odynerus niihauensis*, anterior portion of second abdominal sternite

species allied to *O. lipocharis*, is similar to that of *O. niihauensis*, but the posterior apex of the costate area has a wider and shallower depression. The costate areas of *O. kirbyi* Dalla Torre and *O. kauaiensis* Perkins resemble that of the new species in that their posterior margins are flat, shiny, and triangular; the middle costae are curved and long; and the distance between costae is narrow

#### REFERENCES

- BLACKBURN, T. and CAMERON, P., 1886. On the Hymenoptera of the Hawaiian Islands. MEM. MANCHESTER LIT., PHIL., SOC. 10 (3) :194-245.  
FULLAWAY, D. T. 1947. Niihau Insects. PROC. HAWN. ENT. SOC. 13 (1) :51-53.  
PERKINS, R. C. L. 1899. FAUNA HAWAIIENSIS, Hymenoptera Aculeata 1 (1) : 364 pp., Cambridge, England.  
——— 1910. FAUNA HAWAIIENSIS, Supplement Hymenoptera 2 (6) :600-686. Cambridge, England.