

5. *Myrmecocystus melliger mimicus* subsp. nov.

Worker major. Length 5-6 mm.

Resembling *mendax* but smaller and with different sculpture, color and pilosity. The gaster is shining, like the head, owing to the pubescence being much shorter and more dilute. Thorax and petiole subopaque. Erect hairs yellowish, similar to those of *mendax* but shorter, somewhat less abundant and on the legs more oblique. Head, thorax, petiole, antennæ and legs uniform deep brownish red; gaster black.

Worker minor. Length 3-4 mm.

Head proportionally longer and narrower than in the worker major. Thorax more or less infuscated, especially behind.

Female. Length 8-9 mm.

Sculpture and pilosity as in the worker. Head red, darker behind than in front. Thorax, petiole and gaster black or very dark reddish brown. Legs red, femora somewhat darker. Wings 10 mm. long, with yellowish veins and stigma; membranes very faintly suffused with yellow along the costal border.

Male. Length 4 mm.

Resembling the male *mendax* but decidedly smaller. Mandibles with only one tooth (the apical). Wings usually without a discoidal cell. The hairs are shorter and much less abundant and the surface of the body is more glabrous than in *mendax*. Wings faintly tinged with yellowish along their costal borders; veins and stigma very pale yellow. Mandibles, antennæ, legs and genitalia brown.

Texas: Chisos Mts. (W. B. Phillips); Alamito; Langtry; Ft. Stockton; Alpine; Del Rio; Monahans, Ward Co. (Wheeler).

New Mexico: Albuquerque, May 7, 1905 (Wheeler); Alamogordo (G. v. Krockow); Embudo and Deming (T. D. A. Cockerell); Las Truches (Miss L. Gerhardt).

Arizona: Tucson; Phoenix; Jerome; Tempe; Yucca; Ash Fork (Wheeler).

California: Goshen Jc. (J. C. Bradley).

The types of this subspecies comprising numerous workers, six males and six females, are from Albuquerque. These males all lack the discoidal cell in the wings and the same is true of a single male from

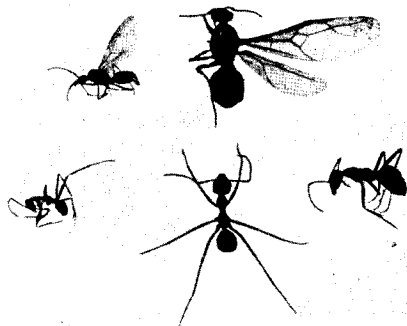


Fig. 6. *Myrmecocystus mexicanus* var. *horti-deorum* McCook. Male, female, major and minor workers, slightly enlarged.