

Testaceous or yellowish brown; posterior portion of head and upper portions of pro- and epinotum more or less infuscated; gaster fuscous. Teeth of mandibles blackish.

Replete. Length 10-13 mm.

Like the worker in all respects except that the gaster is distended to form a dull amber-colored sphere about the size of a pea.

Mexico: (Wesmael); San Luis Potosi, May 20, 1879 (E. Palmer); Santa Maria, Baja California (Eisen and Haines).

The description is drawn from a series of specimens from San Luis Potosi received from the Museum of Comparative Zoölogy. As these have been in alcohol nearly 30 years, their colors are not very well preserved, but the gaster is distinctly fuscous and the head and upper portions of the thorax are much darker than in the following variety and subspecies. I do not hesitate therefore to refer the specimens to the typical *mexicanus*.

11. *Myrmecocystus mexicanus* var. *horti-deorum* McCook.

(Figs. 6-10.)

- Myrmecocystus mexicanus* H. EDWARDS, Amer. Natur., VII, 1873, pp. 722-726; Proc. Calif. Acad. Sci. V, 1875, pp. 72-75; BLAKE, *ibid.*, p. 98; LOEW, Amer. Natur., VIII, 1874, pp. 365-366, ♀; SAUNDERS, Canad. Entom., VII, 1875, pp. 12-14, 1 fig.; McCook, Proc. Phila. Acad. Nat. Sci. 1879, pp. 197-198; Ann. Mag. Nat. Hist. (5), IV, 1879, p. 474; Trans. Amer. Ent. Soc., VII, 1879, Proc. p. xxii.
- M. melliger* FOREL, Aerzt. Intelligenzbl. München, XXVII, 1880, p. 32; McCook, Amer. Entomol., III, 1880, pp. 273-274; Proc. Phila. Acad. Nat. Sci., 1881, pp. 170-230, pl. I-X; The Honey Ants of the Garden of the Gods, Phila., 1882, pp. 1-76, pl. I-X; ROMANES, Nature, XXV, 1882, pp. 405-406; KARSCH, Entomol. Nachr., VIII, 1882, pp. 186-191; HAGEN, Stettin. Entom. Zeitg., XLII, 1882, pp. 347-352; EMERY, Kosmos, XI, 1882, pp. 296-298; FOREL, Mith. schweiz. Entom. Gesell., VII, 1, 1884, p. 4.
- M. melliger* var. *hortus-deorum* McCook, Proc. Phila. Acad. Nat. Sci., 1881, p. 75.
- M. hortus-deorum* FOREL, Ann. Soc. Ent. Belg., XXX, 1886, p. 202, ♀ ♀ ♂.
- M. horti-deorum* DALLE TORRE, Catalog. Hymen., VII, 1893, p. 217.
- M. mexicanus* var. *horti-deorum* EMERY, Zool. Jahrb., Abth. f. Syst., VII, 1893, p. 666.

Worker. Length 4.5-9 mm.

Differing from the typical Mexican form in color, which is yellow throughout, with the mandibles and posterior portion of the head slightly reddish. Mandibular teeth dark red. Basal surface of epinotum somewhat flatter than in *mexicanus*; the angle between the base and declivity less rounded and the anterior and posterior surfaces of the petiole somewhat more convex. Hairs and pubescence pale yellow or whitish, the former more slender and tapering.

Replete. Length 10-13 mm.