

ners of the head are rather indistinctly reddish or yellowish. The female *nitidiventris* differs from that of *vicinus* in its more shining head. The male seems to lack varietal characters.

Of this variety, which is common in the western states, I have seen many specimens from the following localities:

Colorado: Salida, Boulder, Florissant, Buena Vista, Colorado City, Colorado Springs, Manitou (Wheeler); Steamboat Springs (T. D. A. Cockerell); Pueblo (Jerome Schmitt); Stout, Ft. Collins and Dixon Canyon (E. G. Titus).

Wyoming: Carbon County (Wortmann).

New Mexico: Romeroville, San Ignacio, Gallinas Canyon, Santa Fe, Raton, Pecos, Silver City, Dripping Spring in Organ Mts. and Las Vegas (T. D. A. Cockerell); Alamogordo (G. v. Krockow); Albuquerque (F. C. Pratt).

Arizona: Coconino Forest, Grand Canyon (Wheeler); Ramsey Canyon, Huachuca Mts. (W. M. Mann and Wheeler).

California: Santa Rosa; Marin County.

Emery cites this variety from Louisiana, but I believe that this must be an error, for, according to my observations, it does not descend, at least to the eastward, much below an altitude of 6000 feet, and is properly an ant of the high plains and slopes of the Rockies. The two California localities above mentioned are represented only by a couple of major workers and these may be rubbed specimens of the true *vicinus*.

6. *C. maculatus vicinus* var. *maritimus* var. nov.

Closely resembling the preceding variety, but of smaller size in all phases except the male. Length of worker major, 8–10 mm.; worker minor, 6–7 mm.; female, 11–12 mm. (wings 12 mm.); male, 9–10 mm. The gaster is entirely black in the worker major and female, or reddish only at the extreme base; the wings of the male are very pale. The female has the head, pro- and mesonotum, scutellum and metanotum black, the remainder of the thorax, the legs and petiole yellowish red, the mandibles, clypeus and antennæ dark red.

California: Pacific Grove and San José (H. Heath); Catalina Island (C. F. Baker).

7. *C. maculatus vicinus* var. *infernalis* var. nov.

This variety is based on several major and minor workers from Las Vegas, N. Mexico (Wheeler); a single worker media from Santa Cruz Mts., Calif. (J. C. Bradley) and three minor workers and two males from Palo Alto, Calif. (W. M. Mann). These all closely resemble the *nitidiventris* in sculpture, but the thorax is black like the head and