

6-toothed. Clypeus not carinate, its anterior border produced as in the worker major and with rounded corners mesial to the excisions. Thorax finely reticulate-rugulose, above moderately shining. Petiole moderately thick, with rounded upper border. Gaster very finely transversely rugulose.

Male. Length, 9 mm.

Head longer than broad; rounded behind; cheeks subparallel, concave, as long as the eyes. Clypeus convex, scarcely carinate, with rounded anterior border. Mandibles edentate. Eyes rather small. Antennæ slender, scapes not flattened at the base, first funicular joint very feebly incrassated, as long as the second. Thorax robust, epinotum rounded, sloping, with subequal base and declivity. Petiole low and thick, upper border sharp, distinctly excised in the middle. Gaster small; legs and antennæ long and slender.

Surface of body shining; head and thorax more coarsely, gaster much more finely and superficially shagreened. Mandibles subopaque, finely punctate.

Pilosity similar to that of the worker, but erect hairs absent on thorax, on legs much shorter and appressed.

Chestnut brown; anterior portion of head, antennæ, legs, articulations of thorax and edges of gastric segments yellowish brown. Wings faintly suffused with yellow; veins and stigma pale yellow.

This species, originally described from Brazil, enters the United States only in southern Florida. The description is drawn from several workers and two males, some of which were taken by the late Rev. Jerome Schmitt at Sanford, while others are labeled simply Florida and belong to the American Museum of Natural History. Forel redescribed the worker from specimens taken at Green Cove Spring by Mrs. Mary Treat. Both Mayr and Emery saw specimens from Florida. The description of the female is translated from Mayr.

21. *C. castaneus* Latrelle

Formica castanea LATREILLE, Hist. Nat. Fourm., p. 118, Pl. III, Figs. 11, 12 A. C. and D., ♀ ♀ ♂, 1802.

Formica mellea SAY, Bost. Journ. Nat. Hist., I, 3, p. 286, ♂, 1836; LECONTE, Writings of Thos. Say, II, p. 731, ♂, 1859.

Camponotus melleus MAYR, Sitzb. Akad. Wiss. Wien, LIII, p. 485, ♀ ♀ ♂, 1866; FOREL, Bull. Soc. Vaud. Sci. Nat., XVI, P. 81, p. 60, ♀ ♀ ♂, 1879.

C. castaneus MAYR, Verh. zool. bot. Ges. Wien, XXXVI, p. 420, ♀ ♀ ♂, 1886; FOREL, Ann. Soc. Ent. Belg., XXX, p. 141, 1886; DALLA TORRE, Catalog. Hymen., VII, p. 224, 1893; EMERY, Zool. Jahrb. Abth. f. Syst., VII, p. 673, 1893; WHEELER, Bull. Amer. Mus. Nat. Hist., XXI, p. 402, 1905; Occas. Papers Bost. Soc. Nat. Hist., VII, 7, p. 22, 1906.

Worker major. Length, 9–10 mm.; head, 3.2 x 2.8 mm.; scape, 3 mm.; hind tibia, 3.4 mm.

Head small, but little broader behind than in front, with rounded sides and feebly excised posterior border. Eyes somewhat convex. Mandibles 6- to 7-toothed. Clypeus convex in the middle, ecarinate or bluntly and indistinctly