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NOTES AND DESCRIPTIONS OF SOME FOSSORIAL HYMENOPTERA

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Below are a few descriptions and notes on Philanthidae and Scoliidae.

Philanthus consimilis n. n.

P. assimilis Bks., Can. Ent. 1919, 404 (not Bull. Amer. Mus. Nat. Hist. XXXII, 422, 1913.)

Cerceris salome n. sp.

♀. Black, marked with yellow; spot on base of mandibles, above base of mandibles, each side on face, above and below clypeal process, median carina, flagellum below, dot behind eyes, small spots on pronotum, postscutellum, two spots on first abdominal segment, broad band, emarginate in middle, on the second, narrow marginal bands on other segments above, broader on last, yellow. Legs yellow, tarsi darker, and femora black except hind femora at tips, hind tibiae with inner apical dark spot. Body rather evenly and coarsely punctate. Clypeal process about twice as broad as long, margin slightly concave; enclosure strongly longitudinally striate; stigma blackish; pygidium twice as long as broad, sides parallel. Length 13 mm. From Long Island, and Nyack, N. Y.; Wellesley, Mass. (Morse); and Jones' Creek, Lee Co., Va.

In my table (1912) it runs to 25, where it will not agree with either alternative; differing in the yellow marks, the band on second segment broader than others, the clypeal process concave in front, and the enclosure striate. It resembles *C. halone* in general, but the enclosure is different, and the clypeal process longer.

Cerceris sayi n. sp.

♀. Black, marked with pale yellow as follows: Base of mandibles, double spot on the clypeal process, long spot each side on face, spot behind eyes, two on pronotum, the postscutellum, two large spots on propodeum, two large spots on the first abdominal segment, and subequal broad bands on each of the following segments, broadly emarginate in front; venter black, unmarked; legs reddish to yellow in part; antennae reddish on basal part; wings rather smoky, darker towards the costal tip, stigma reddish; moderately coarsely and densely punctate, clothed with white hair, that on head, pronotum, propodeum and basal abdominal segment very long; tawny hair on each side of the pygidial area, and a tuft each side at tip. Clypeal process large, suberect, one and a half times as broad as long, hardly narrowed at tip, deeply, angularly emarginate in front. Enclosure evenly, rather coarsely, and almost longitudinally striate. Basal abdominal segment much broader than long; pygidial area two and one half times as long as broad, sides nearly parallel, and fully as broad at base as elsewhere, finely punctate. Length 14 mm.

♂. More slender; marked as in female but face mostly yellow and spots on the propodeum smaller; clypeus truncate below, surface nearly flat; hair-combs about twice their length apart; enclosure striate on sides, smooth in middle, pygidial area broader near tip than at base, coarsely punctate; femora of front and mid pairs with black spot, hind femora largely black at tip, and also apical half of the hind tibia black. From Steele, N. Dakota, July 13 (Stevens).

Hymenoptera - Sphecidae - Cercerini

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Tiphiidae - Myzini