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NOTES ON TENTHREDINOIDEA, WITH DESCRIPTIONS OF NEW SPECIES.

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(Paper III.)

Pteronus Cockerelli, n. sp.- 9. Length, 6 mm.; length of anterior wing, 6 mm.; length of antennæ, 5 mm. Head and antennæ shining ; sparsely, finely punctured. Clypeus distinctly circularly emarginate ; lobes rather broad triangular, obtuse at apex. Antennal foveæ small, not very distinct. Middle fovea deep, oval, wall rather pointed toward the clypeus. Side walls of the ocellar basin sharp, strong. Frontal crest strong, slightly broken in the middle. Lateral ocellar furrows broad, shallow. Antennæ long, third and fourth joints equal; apical joint slightly longer than the preceding one. Maxillary palpi long; last two joints equal, the third from apex the shortest ; third joint subclavate toward apex. Claws deeply cleft, teeth equal ; the inner tooth is perhaps a little the stouter. Basal joint of hind tarsi a little longer than 2 + 3. Venation normal; the first transverse cubitus faint ; third cubital cell not unusually broader at apex than at base; upper discal cell of hind wing exceeding the lower on the outer margin. Stigma short, very broad, ovate, rounded at apex ; not quite twice as long as broad in the widest part. Sheath broad, short, obliquely truncate at the apex ; marginal hairs very minute. Cerci short, stout. Head reddish-brown, with a black spot around the ocelli. Thorax, except the angles of pronotum and tegulæ which are pallid, and the lateral lobes of mesonotum posteriorly and scutellum which are brownish, black. Abdomen, except basal plates and basal part of first segment and apex of sheath which are black, reddish-brown. Four anterior legs, coxæ, trochanters and basal half of posterior femora pallid (the anterior femora are slightly reddish). Apical half of posterior femora, apex of posterior tibiæ and their tarsi black; basal two-thirds of posterior tibiæ reddish-Antennæ, except two basal joints, bright rufo-ferruginous. brown. Wings yellowish-hyaline, iridescent ; venation dark brown, costa somewhat and extreme basal part of stigma pallid.

Habitat.—Campus of University of Colorado, Boulder, Colo., August, 1908. Collected by Prof. T. D. A. Cockerell, to whom I take great pleasure in dedicating this pretty species. 3

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In Marlatt's Revision of the Nematinæ of N. America, this species runs to *tricolor*, Marl. (New Hampshire), but it differs as follows from his March. 1999

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