

Male.—Slightly smaller than the female. Pubescence white all over. No median yellow line on the clypeus, and the lateral marks are smaller than in the female. These are connected with each other by a yellow line along the apical border of the clypeus. The lateral face marks are small, the yellow line on the scape is inconspicuous or nearly absent, and the same is true of the yellow line on the prothorax. No yellow on tubercles. Legs coloured as in the female. Yellow of the abdomen confined to a small lateral spot on each side of the second segment, situated on the margin, and similar, exceedingly small spots on the margins of the third segment, and rarely of the first as well. Pygidium reddish yellow.

Types: Mouth of Yellow River, Burnett Co., Wis., July 28–31, 1909. (Nos. 31730 and 31731.)

Paratypes: One male, mouth of Yellow River, July 28–31, 1909; four males and two females, Kettle River Rapids, Aug. 4, 1909, and one male, Randall, Aug. 5, 1909, all of these localities in Burnett Co. along the St. Croix River. Specimens in the collection of the Milw. Publ. Museum. They were taken on the flowers of *Rudbeckia hirta* and *Helianthus occidentalis*. This species is distinct from *P. albipennis* Cr., and *P. lacteipennis* Swenk & Cockerell, one of its main characters being dark legs with a trace of yellow around the knees only.

*Perdita maculipennis*, n. sp.

Female.—Length 6 to 7 mm. Head and thorax dark green, legs and abdomen brownish-black with yellow markings. Body clothed with white pubescence, longest on legs and tip of abdomen. Wings white, with a conspicuous black dot in the stigma.

Head broader than long. Flagellum black above, reddish-yellow below. Scape light yellow in front. Clypeus yellow with two longitudinal black bars, not reaching the apex. Lateral yellow face-marks triangular, running half way up the face. Apex of triangle rounded or truncate, the base often emarginate. These face-marks are very variable; in one specimen on one side of the face a division into two small spots is noticeable. Mandibles yellow, with reddish tips. Tubercles, tegulae and two spots on prothorax yellow. The metathorax has a more bluish tinge than the rest of the thorax. Abdomen with two yellow spots on the first and interrupted yellow cross bands on the anterior half of the second, third, and fourth segments. The spots on the first segment may be absent, and the bands on the remaining segments may be so widely interrupted as to form small spots only. Pygidium reddish. In front and middle legs, tips of femora,