

Habitat.—Medicine Hat, Alberta, Canada. One specimen collected by Mr. J. R. Malloch. Type Cat. No. 15212, U.S.N.M.

This species in general appearance, very closely resembles *Neolarra pruinosa*, but in addition to the generic differences, differs also in the dark tegulae, the carina on the propodeum more elevated, the appressed pubescence not covering the abdomen, etc. *P. vigilans* and *P. nanus* are both smaller, with light coloured tegulae and with the appressed pubescence covering abdomen; *P. vigilans* also has the carina on the propodeum indicated at base only, the process on metanotum only indicated, etc.

*Perdita canadensis*, new species.—Female. Length about 9 mm. Head blue-green, thoracic notum green, pleurae blue-green; clypeus and labrum black, the former with purplish tinges, smooth, with a few fine punctures and produced anteriorly of a line connecting the lower ends of eyes fully one-third the length of the distance between eyes at lower ends; face without markings; antennae dark, scape with a narrow yellow line, apical joints of flagellum reddish beneath; pubescence of head and thorax long, erect, strongly tinged with ochraceous; collar with two small yellow spots; tubercles dark; wings milky white; veins hyaline; the stigma and costal vein light brown; first recurrent vein interstitial or almost so; legs dark, anterior knees and a short narrow stripe on anterior tibiae yellow; pubescence on outer side of legs greyish, on inner side ochraceous, on tarsi reddish; first abdominal segment with a small yellow spot on each side; segments 2-5 with yellow bands, the ends of which are turned caudad on segments 3-5; band on second segment dilated laterally so that the posterior margin is diagonal; bands on segments 2-3 notched medially on posterior margin; pygidium broad at apex with the apical margin emarginate.

Habitat.—Medicine Hat, Alberta, Canada. Two females collected by Mr. J. R. Malloch. Type Cat. No. 15213, U.S.N.M.

This species belongs to the group with *albipennis* Cresson, *lacteipennis* Swenk and Cockerell, and *pallidipennis* Granicher; it differs from all of them in the dark face and other markings; *albipennis* and *pallidipennis* have the first recurrent vein received by the second submarginal cell and the pygidium rounded apically; *albipennis* has the clypeus produced hardly half as much as *canadensis*; *pallidipennis* has it produced about as much; *lacteipennis* has the clypeus produced about as in *albipennis* the first recurrent vein received by the second submarginal cell and the pygidium emarginate at apex. Of the value of this last character I am at present doubtful.