

ment of the keels of the eighth and ninth segments of the female, processes from the penult segment of legs thirteen to seventeen, etc., as occurring in *granulatus*, are absent or obsolete in the male of the present species.

Length of male type near 10 mm. The female is larger and more robust.

*Locality*.—British Columbia: "Columbia Valley." Male type taken by Tyrrell Sept. 26, 1883. The two female paratypes were taken by Tyrrell Sept. 1, 1883, the locality label reading simply "Swamp, tobacco plain," probably in or near the Columbia Valley.

**6. *Conotyia albertana*, sp. nov.**

Light gray brown to light brown of reddish cast, especially above. A black stripe along each laterodorsal side across keels and median dorsal longitudinal black line. Anal tergite dark, valves dusky. Legs light brown or fulvous. Antennae all missing. Ocelli in the male type in a subtriangular patch, twenty-two in five series: thus, 7, 6, 5, 3, 1. Ocelli of a female paratype twenty in four series: thus, 7, 6, 4, 3. Second legs of female with second joint strongly thickened distad, protruding on dorsal side distally in a conspicuous rounded lobe. In the male the fourth joint of the third, fourth and fifth legs with a short cylindrical, distally truncate, lobe beneath near distal end. Sixth legs lacking lobes. Legs followed seventh segment also lacking lobes. Anal scutum truncate, with the usual setae. Anal valves posteriorly angulate, mesally margined. Gonopods of male shown in Fig. 17.

*Locality*.—Alberta, Bow River, Sept. 28, 1833, Tyrrell.

Resembles *C. atrolineata* Bollman, the types of which came from Glacier, B.C., but distinct in the form the gonopods and in the secondary modifications of the legs.

**7. *Julus caeruleocinctus* (Wood.)**

One specimen taken at Ottawa in summer of 1918 by Johansen.

**8. *Julus fallax*, (Meinert.)**

One male of this European species taken by Johansen at Ottawa in Apr., 1917, and several males and females at the same place in the summer of 1918.

**9. *Parajulus canadensis* (Newport.)**

One female taken by Johansen 20 May, 1917, at Meach Lake, Ottawa.

**10. *Parajulus venustus* (Wood.)**

Two females taken on St. Joseph's Id., Ontario, by Johansen, Sept. 3, 1918.

**11. *Parajulus perditus*, sp. nov.**

The type, a female, is an exceptionally dark form. Each ordinary segment has a very narrow fulvous stripe or line along the segmental suture with a blackish annulus bordering it in front and behind, the border regions of the somite lighter, more grayish. Dorsal region on anterior segments with more numerous small lighter areolations visible under lens as frequently. In the anterior region the body is lighter beneath and on the sides, more or less reddish. The paratype from Wigwam River is lighter, being reddish gray or in part fulvous gray on the sides and beneath throughout the length, with small, in part confluent, lighter areas included in the dark of prozonite above. In both specimens the collum is marked across anterior border by a black band widening to middle where it continues caudad as a median longitudinal black line; a