

ventrally. Succeeding segments also similarly deeply striate, the striae coarse and well separated above, nearer together ventrally, not occurring above level of dark repugnatorial areas.

Repugnatorial pore small, in most segments a considerable distance removed from the suture, which at its level is straight or only slightly and broadly excurved.

Anal tergite with tip acute and spinous, clearly exceeding the valves, distally weakly and evenly decurved, but by no means so strongly or angularly as in *canadensis*.

Anal valves not mesally distinctly margined, at most broadly somewhat raised, the border crossed by transverse striae.

Anal scale with caudal margin widely convex; mesally slightly indented.

Mandibular stipes in male concavely excavated; produced caudad below the excavation.

Promentum of gnathochilarium in male much enlarged as usual; elliptic in outline.

First legs in male strongly enlarged as usual; uncinat; penult article conspicuously crassate proximally, though less so than preceding article, and narrowing much distad, its inner side nearly straight.

Second legs of male with coxae much enlarged and produced mesally into a long linguiform process, which is broadest proximally and narrows distad, though widening a little at very end, which is truncate. Legs reduced as usual.

Anterior division of first gonopods of male broad, clavate, distally rounded, in lateral view concealing wholly, or nearly so, the caudal division, which is somewhat shorter than the anterior and narrows strongly distad except at tip, where it enlarges again a little and is distally subtruncate.

Posterior gonopods in ventral view almost concealed by the first, above which they do not rise. Each curves mesad near level of distal end of first gonopods and then proximad. A semi-membranous pointed blade-like branch arising from base and a little surpassing posterior branch of first gonopods.

Number of segments 44, or near that number.

Length: 25—32 mm.

In the general superficial appearance of the gonopods this species resembles *P. canadensis*; but the posterior division of the