

wings hyaline, the veins and stigma brownish; the claws deeply cleft, the inner ray distinctly shorter than the outer; the abdomen sparsely granular and setaceous; the saw-guides large, the dorsal margin oblique, the ventral margin convex, the distal portion rounded and forming a sharp point with the dorsal margin; the cerci long and stout, extending to the caudal end of the saw-guides; colour black with the following parts brownish: the margin of the labrum, the clypeal lobes, the mandibles, the superior and outer orbits, the postocellar area in great part, the pronotum broadly, the median lobe of the mesonotum except a triangular mesal black spot, the lateral lobes except a line on each axilla, the mesoscutellum, the mesopleura, the legs beyond the coxae, the dorsum of the abdomen in great part, and the venter in part at the caudal end. Length, 11.5 mm.

Bernard harbour, Northwest Territories, July 15, 1915. F. Johansen, collector. Specimen No. 1254.

This species is closely related in color and size to *insularis* Kincaid. It differs in the form of the median fovea and the ocellar areas.

*Breeding Records, Undetermined Species.*

Breeding Record 7a: "Green coloured" nematid larva (formalin) collected under moss in tundra bluffs at bay coast near winter house at Collinson point, Alaskan Arctic coast, November 29, 1913." F. Johansen, collector. Adult unknown.

Breeding Record 7b: "Sawfly (*Nematus* sp.) pupa in cocoon among dead willow leaves on tundra behind winter house at Collinson point, Alaska. November 21, 1913." F. Johansen, collector. Adult unknown.

Breeding Record 46: "Two cocoons of an unknown species of sawfly larva (green) collected February 18, 1915, in the burrows of a cerambycid larva made under White Spruce bark, Sandstone rapids, Coppermine river, Northwest Territory." F. Johansen, collector. Mr. Johansen states that "these two larvae had the same appearance (and were taken in the same bark) as the larva from which *Pontania quadrifasciata* was bred."

Breeding Record 84: "Dark green saw-fly larva (20 mm.) On bushy willow, *Salix pulchra*. Collected at Bernard harbour, Northwest Territories, August 4, 1915. Male pupating cocoon in October." F. Johansen, collector. Adult not bred.

Breeding Record 85: "Saw-fly larvae (black and dark green) 7-11 mm. On female catkins of bushy willow, *Salix pulchra*. Bernard harbour, Northwest Territories, July 16, 1915." F. Johansen, collector. Larva distinctive in colour, marked like many species of *Amauronematus*. The head black except the ventral portion, also the legs except the joints, and the ultimate tergum. The thoracic and abdominal segments with two transverse rows of round or oval blackish spots, larger on the thoracic segments, forming bands on the penultimate tergum. "Saw-fly larvae in female catkins of bushy willow, *Salix pulchra*. Collected as larvae at Bernard harbour, Northwest Territories, August 10, 1915." Two cocoons. Adult unknown.

Breeding Record 89: "A saw-fly larva 20 mm. long (pink with dark pigmentation) on leaf of *Salix reticulata*, collected at Bernard harbour, Northwest Territories, August 16, 1915. Pupated after having first assumed a uniformly red-orange colour with black eyes and only a little dark pigment on head and thoracic legs. In December it still had this colour and had begun its pupating cocoon." F. Johansen, collector. Cocoon and dried up larva received, probably a nematid. "A similar larva was collected the same day and place on leaf of bushy willow. Breeding Record 88."

Breeding Record 138: "Saw-fly larvae (green), Ketchikan, Alaska, September 10, 1916. Made cocoon September 13, 1916." Cocoon contained the dead shrivelled larva of a species of *Trichiosoma*. F. Johansen, collector.