

Type species: *Leptoperla confusus* Hare, 1910.

Note: The holotype has apparently been destroyed.

Zelandobius confusus (Hare, 1910). Figs. 1–3, 5, 6, 11, 12.

Leptoperla confusa Hare 1910, *Trans. N.Z. Inst.* 42: 29.

Zelandobius confusus (Hare) Tillyard, 1921, *Canad. Ent.* 53: 43.

Zelandobius pallidus: Winterbourn, 1965, *N.Z. Jl Sci.* 8: 3: 275–277.

DIAGNOSIS: Pronotum rectangular (width-length ratio 1.3 approximately), with angles rounded. Forewing with distal crossveins surrounded by grey markings either as an oval around each crossvein or as irregular patches surrounding those crossveins which approximately form transverse lines. *Male Genitalia*: Tergites X and XI almost campaniform laterally. Cerci of 12–15 segments with basal segments directed posteriorly. Epiproct with a pair of teeth on each lateral margin. Paraprocts with a short terminal spine. *Female Genitalia*: Subgenital plate not produced and with hind margin emarginate medially. Cerci 10–13 segments. *Larva*: Pronotum rectangular, slightly wider than long. Posterior margin of mesonotum deeply reentrant. Tergite X not bulged basally. Cerci half body length. Clothing of very short bristles.

DESCRIPTION OF IMAGO

Measurements (in mm):

	Male	Female
Body Length	7–10.5	8–12
Forewing	6.5–10	7–12
Antenna	6–9.5	6–10.5
Cercus	0.5–1	0.5–1

General Colour: Gold brown to dark brown. *Head*: Antennae covered with short dark hairs; scape twice as long as pedicel. Dorsal callosities oval and slightly darker than rest of head. Epicranium mottled. Segment V of maxillary palp almost twice as long as segment IV. *Thorax*: Pronotum rectangular, slightly wider than long with angles rounded. *Wings*: Forewing with distal crossveins surrounded by grey markings which occur either in the form of an oval around each crossvein or as irregular patches surrounding those crossveins which approximately form transverse lines. Remainder of forewing tinged grey-brown with or without a slightly darker pterostigma. *Male Genitalia*: Tergites X and XI almost campaniform with the terminal sclerotised knob variable in shape (Figs. 1, 2, 3, 5). Cerci 12–15 segments with the basal segments directed posteriorly (Fig. 6). Paraprocts wide distally and curved outwards and upwards each with a short terminal spine which may be directed inwardly or dorsally. Epiproct with a pair of teeth on each lateral margin. Sternite IX forms a broad ovoid subgenital plate. *Female Genitalia*: Subgenital plate not extended on to sternite IX, wide posteriorly with hind margin emarginate medially. Cerci with 10–13 segments. Subanal lobes with rounded apices.

DESCRIPTION OF LARVA (late instar), (Fig. 9).

Measurements (in mm):

	Male	Female
Body Length	7–11	8–12
Antenna	4–5	5–5.5
Cercus	3.5–4	4–4.5

Colour: Amber dorsally, lighter ventrally. *Clothing*: Covered with very short bristles. *Head*: Epicranium and dorsal callosities no darker than rest of head. Eyes reddish-brown; ocelli present. Antennae with pedicel much shorter than scape. Maxillary palp with distal segment twice as long as IVth segment; lacinia with