

TYPE SPECIES: *Notonemoura latipennis* Tillyard, 1923.

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ADDITIONS TO DESCRIPTION OF *N. latipennis*

WING VENATION: The author has studied more material and found that (i) Sc may fork near to or far from the costa, and (ii) Rs may fork on the transverse cord (with the base of $R_2 + 3$ forming part of the cord), or fork distal to the cord. The venation shown in Fig. 1 is considered more representative for this species than previous figures; the darker areas are grey and the lighter areas almost hyaline.

MALE GENITALIA: Figs. 2, 3, 4. Epiproct heavily chitinised; triangular from dorsal aspect; laterally curved upwards and forwards, its tip terminating below tergite X. Sternite IX elongated to form a long upcurved ventral process which is strengthened ventrally by two parallel chitinised strips. Apex of process with curved spine formed from fusion of chitinised strips. Paraprocts consist of two slender chitinised spines surrounded by membranous tissue. Ventral lobe extends from anterior margin of sternite IX to base of ventral process. Tergite X sclerotised on lateral and posterior margins only; medially grooved and notched posteriorly. Tergite IX divided medially with a triangular membranous area anteriorly. Cerci short with flattened tips.

FEMALE GENITALIA: Figs. 6, 7. A long tapered ovipositor arises medially on sternite VIII and extends posteriorly well beyond abdomen tip; a black medial chitinised strip is present both ventrally and dorsally.

MEASUREMENTS: Body length, male 5.5mm; female 6mm.

Forewing, male 5.5mm; female 5.5mm.

Hindwing, male 4.5mm; female 4.5mm.

Antenna, male 3.5mm; female 3.5mm.

NOTE: In describing *N. latipennis* Kimmins (1938) figured genitalia that are not those of this species; they belong to a new species, *N. alisteri*, that is described later in the present paper. In the original description by Tillyard (1923), the fork of 2A is not shown and the type specimen is designated as a male whereas in fact it is a female.

DESCRIPTION OF LARVA (final instar): Figs. 9, 10, 11, 12. *Head*: Eyes large and reddish brown. Ocelli prominent. Epicranium mottled brown and dark brown. Dorsal callosities dark brown. Frons brown with a V of dark brown spots anterior to median ocellus. Maxillary palp with ratio of length of segments 2:3:5:5:8. Ratio of labial palp segments 2:4:5. Mandible with teeth and molar region well developed. *Thorax*: General colour brown. Pronotum rectangular, wider than long; anterior and posterior margins with fringe of bristles; a distinct pattern of dark markings present. Mesonotum with posterior margin composed of a pair of triangular flanges; a row of bristles anteriorly at base of wingpads. *Legs*: Colour brown. Fore and mid legs much shorter than in other N.Z. genera. Hind legs twice as long as fore legs. *Abdomen*: With variable colour pattern dorsally, varying from uniform brown to brown with lighter medial markings. Cerci with all but basal segments wider distally and ringed with bristles distally.

MEASUREMENTS: Body length, male, 4–5mm; female 6–6.5mm.

Antenna, male 1.8mm; female 1.8mm.

Cercus, male 2mm; female 2.25mm.