Quick-guide to New Zealand Hydrobiosidae larvae

Does the foreleg trochanter extend the length of the foreleg femur?

NO

Does the prosternal plate have a single accessory sclerite restricted to each antero-lateral corner, & is the posterior half of the frontoclypeus acutely angled?

NO

Are the head & pronotum uniformly reddish-brown, & the abdominal segments white?

NO

Is a basal spine present on the lateral sclerite and tarsal claw of the anal prolegs? Note spines only present on specimens with head width > 0.5 mm

YES

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Is the frontoclypeus simple in outline i.e., no lateral projections? If more then one prosternal sclerite is present, does it also have a central pin or large rectangular lateral sclerites?

NO

the frontoclypeus has conspicuous lateral projections, & the prosternal sclerite has an accessory sclerite on each antero-lateral corner (it may be hidden or tucked under the base of the forelegs)

YES

Is the head & pronotum uniformly pigmented reddish-brown, & the abdomen brownish?

NO

Is the head & pronotum uniformly pigmented either yellowish or reddish-brown? Is the prosternal sclerite as above?

YES

NO

Is the anterior margin of the frontoclypeus distinctly concave, & lateral margins sub parallel? Does the abdomen have large pale patches?

YES

NO

Is the frontoclypeus simple lateral projections absent

NO

the frontoclypeus has distinct concavity, & lateral margins sub parallel

YES

NO

lateral margins tapering

frontoclypeus

prosternal sclerite

Psilochorema

frontoclypeus simple lateral projections

prosternal sclerite

Hydrobiosis

prosternal sclerite

variations in prosternal sclerite shape

unknown genus A

frontoclypeus lateral projections absent

frontoclypeus accessory sclerite

lateral projections of frontoclypeus

prosternal sclerite

Neurochorema

large pale patches

abdomen

prosternal sclerite

only known from Fiordland

Edpercivalia

head & pronotum not uniformly pigmented

prosternal sclerite variations

unknown genus

YES

NO

YES

NO