

CHECKLIST OF NEW ZEALAND PLECOPTERA (STONEFLIES)

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There are 106 described species and a number still to be described. The total will be over 110 and may be as high as 130. All genera and species are endemic to New Zealand apart from the genus *Notonemoura*, which is shared with Australia although the species are endemic to each country.

SUBORDER ANTARCTOPERLARIA Zwick, 1973

FAMILY AUSTROPERLIDAE Tillyard, 1921

Genus *Austroperla* Needham, 1905

Austroperla cyrene (Newman) 1845

FAMILY EUSTHENIIDAE Tillyard, 1921

Genus *Stenoperla* McLachlan, 1866

Stenoperla helsoni McLellan, 1996 (males short winged)

Stenoperla hendersoni McLellan, 1996

Stenoperla maclellani Zwick, 1979

Stenoperla prasina (Newman, 1845)

FAMILY GRIPOPTERYGIDAE Enderlein, 1909

Subfamily Zelandoperlinae McLellan 1977

Tribe Zelandoperlini McLellan 1977

Genus *Zelandoperla* Tillyard, 1923

Zelandoperla agnetis McLellan, 1967

Zelandoperla decorata Tillyard, 1923

Zelandoperla denticulata McLellan, 1967

Zelandoperla fenestrata Tillyard, 1923

Zelandoperla pennulata McLellan, 1967 (micropterous)

Zelandoperla tillyardi McLellan 1999

Genus *Rungaperla* McLellan, 1977

Rungaperla campbelli (Illies, 1963) (apterous)

Rungaperla longicauda (Illies, 1963) (apterous)

Tribe Megaleptoperlini McLellan 1977

Genus *Megaleptoperla* Tillyard, 1923

Megaleptoperla diminuta Kimmins, 1938

Megaleptoperla grandis (Hudson, 1913)

Tribe Acroperlini McLellan 1977

Genus *Acroperla* McLellan, 1977

Acroperla flavescens (Kimmins), 1938

Acroperla christinae McLellan 1998

Acroperla spiniger (Tillyard, 1923)

Acroperla samueli McLellan, 1977

Acroperla trivacuata (Tillyard, 1923)

Genus *Apteryoperla* Wisely 1953 (all spp. Apterous)

Apteryoperla illiesi McLellan, 1977

Apteryoperla lakiula McLellan, 2003

Apteryoperla monticola Wisely, 1953

Apteryoperla nancyae McLellan, 1977

Apteryoperla ramsayi McLellan, 1977

Apteryoperla tillyardi McLellan, 1977

Genus *Aucklandobius* Enderlein 1909

Aucklandobius complementarius Enderlein 1909

Aucklandobius gressitti Illies, 1963 (apterous)

Aucklandobius kuscheli (Illies, 1974) (apterous)

Aucklandobius turbotti (Illies, 1963) (apterous)

Genus *Holcoperla* McLellan, 1977 (all apterous)

Holcoperla angularis (Wisely, 1953)

Holcoperla jacksoni McLellan, 1977

Holcoperla magna McLellan 1983

Genus *Nesoperla* Tillyard, 1923

Nesoperla fulvescens Tillyard, 1923 (micropterous to apterous in North Island alpine zone, fully winged elsewhere)

Nesoperla johnsi McLellan, 1977 (micropterous)

Nesoperla patricki McLellan, 2003

Genus *Rakiuraperla* McLellan, 1977

Rakiuraperla nudipes McLellan 1977 (apterous)

Genus *Taraperla* McLellan, 1998

Taraperla ancilis (Harding and Chadderton) 1995

Taraperla howesi (Tillyard) 1923

Taraperla pseudocyrene McLellan 1998

Taraperla johnsi McLellan, 2003

Subfamily Antarctoperlinae Enderlein 1909

Genus *Vesicaperla* McLellan, 1967

Vesicaperla dugdalei McLellan, 1977 (apterous)

Vesicaperla eylesi McLellan, 1977 (apterous)

Vesicaperla kuscheli McLellan, 1977 (apterous)

Vesicaperla substirpes McLellan, 1967 (apterous)
Vesicaperla townsendi McLellan, 1977 (vestigial wings)
Vesicaperla celmisia McLellan, 2003 (apterous)
Vesicaperla trilinea McLellan, 2003 (apterous)

Genus *Zelandobius* Tillyard, 1921

Confusus Group

Zelandobius alatus McLellan, 1993
Zelandobius albofasciatus McLellan, 1993
Zelandobius brevicauda McLellan, 1977 (apterous)
Zelandobius childi McLellan, 1993
Zelandobius confusus Tillyard, 1923
Zelandobius cordatus McLellan, 1993
Zelandobius crawfordi
McLellan 2008
Zelandobius dugdalei McLellan, 1993
Zelandobius edwardsi McLellan 2008
Zelandobius foxi McLellan, 1993
Zelandobius gibbsi McLellan, 1993
Zelandobius illiesi McLellan 1969
Zelandobius inversus McLellan, 1993
Zelandobius jacksoni McLellan, 1993
Zelandobius kuscheli McLellan, 1993
Zelandobius macburneyi McLellan, 1993
Zelandobius mariae McLellan, 1993
Zelandobius montanus McLellan, 1993
Zelandobius ngaire McLellan, 1993
Zelandobius patricki McLellan, 1993
Zelandobius peglegensis McLellan, 1993
Zelandobius takahe McLellan, 1993
Zelandobius wardi McLellan, 1993

Furcillatus Group

Zelandobius auratus McLellan, 1993
Zelandobius furcillatus Tillyard, 1923
Zelandobius pilosus Death, 1990
Zelandobius truncus McLellan, 1993
Zelandobius unicolor Tillyard, 1923
Zelandobius uniramus McLellan, 1993

SUBORDER ARCTOPERLARIA Zwick, 1973

FAMILY NOTONEMOURIDAE

Austrocercella Group

Genus *Spaniocerca* Tillyard, 1923

Spaniocerca acuta McLellan, 1991
Spaniocerca bicornuta McLellan, 1987
Spaniocerca hamishi McLellan 2000
Spaniocerca longicauda McLellan, 1977
Spaniocerca minor Kimmins, 1938
Spaniocerca zelandica Tillyard, 1923
Spaniocerca zwicki McLellan, 1991

Genus *Otehiwi* McLellan, 2003
Otehiwi sagittarius McLellan, 2003

Notonemoura Group

Genus *Halticoperla* McLellan and Winterbourn, 1968
Halticoperla gibbsi McLellan, 1991
Halticoperla tara McLellan, 1991
Halticoperla viridans McLellan and Winterbourn, 1968

Genus *Notonemoura* Tillyard, 1923
Notonemoura alisteri McLellan, 1968
Notonemoura hendersoni McLellan 2000
Notonemoura latipennis Tillyard, 1923 (has winged or micropterous populations)
Notonemoura spinosa McLellan, 1991
Notonemoura winstanleyi McLellan, 1991

Spaniocercoides Group

Genus *Cristaperla* McLellan, 1972
Cristaperla eylesi McLellan, 1991
Cristaperla fimbria (Winterbourn, 1965)
Cristaperla waharoa McLellan 1991

Genus *Omanuperla* McLellan, 1972
Omanuperla bruningi McLellan, 1972
Omanuperla hollowayae McLellan, 1991

Genus *Spaniocercoides* Kimmins 1938
Spaniocercoides cowleyi (Winterbourn, 1965)
Spaniocercoides foxi McLellan, 1984
Spaniocercoides howesi McLellan, 1984
Spaniocercoides hudsoni Kimmins, 1938
Spaniocercoides jacksoni McLellan, 1991
Spaniocercoides philpotti Winterbourn, 1965
Spaniocercoides townsendi McLellan, 1984
Spaniocercoides watti McLellan, 1984