

With Compliments of the Author

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A SYNONYMIC CHECKLIST
OF THE HEXAPODA
OF THE NEW ZEALAND SUB-REGION

THE SMALLER ORDERS

BY

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Heterojapyx novae-zelandiae: Womersley, 1939, Primitive insects South Australia, 64 [in error for *novae-zeelandiae*].

Heterojapyx novaezeelandiae: Britton, 1949, Proc. R. Ent. Soc. London (C) 14 (11): 49 [for *novaezeelandiae*].

Heterojapyx novaezeelandiae: Silvestri, 1949, Boll. Lab. Ent. Agr. Portici 9: 73.

Heterojapyx novaezeelandiae: Miller, 1970, Common insects New Zealand, 159 (NZ) [in error for *novae-zeelandiae*].

CLASS INSECTA
SUBCLASS APTERYGOTA
ORDER MICROCORYPHIA
FAMILY MEINERTELLIDAE
 Genus **Nesomachilis** Tillyard, 1924

Nesomachilis Tillyard, 1924, N.Z. J. Sci. Tech. 7 (4): 241.

Nesomachilis maoricus Tillyard, 1924 NZ

Nesomachilis maoricus Tillyard, 1924, N.Z. J. Sci. Tech. 7 (4): 241 (NZ).

Machiloides maoricus: Womersley, 1938, Trans. R. Soc. S. Aust. 62 (1): 6, 7 (NZ).

Nesomachilis maoricus: Wygodzinsky, 1948, Dominion Mus. Rec. Ent. 1 (6): 71 (NZ).

ORDER THYSANURA
FAMILY LEPISMATIDAE
 Genus **Lepisma** Linnaeus, 1758

Lepisma Linnaeus, 1758, Systema naturae, ed. 10, 1: 608.

Lepisma saccharina Linnaeus, 1758 NZ + E

Lepisma saccharina Linnaeus, 1758, Systema naturae ed. 10, 1: 608 (E).

Lepisma saccharina: Hutton, 1904, Index faunae Novae Zealandiae, 354 (NZ + E).

Genus **Heterolepisma** Escherich, 1905

Heterolepisma Escherich, 1905, Zoologica, Stuttgart 18 (1, 2): 63.

Heterolepisma zelandica (Tillyard, 1924) NZ

Notolepisma zelandica Tillyard, 1924, N.Z. J. Sci. Tech. 7 (4): 242 (NZ) [in error for *zelandica*].

Notolepisma zelandica: Tillyard, 1926, Insects Australia New Zealand, 49 (NZ).

Heterolepisma zelandica: Wygodzinsky, 1961, Pan-Pacific Ent. 37 (4): 214 (NZ).

Heterolepisma zelandicum: Paclt, 1967, Genera Insectorum Fasc. 218e: 26 (NZ) [for *zelandica*].

Genus **Ctenolepisma** Escherich, 1905

Ctenolepisma Escherich, 1905, Zoologica, Stuttgart 18 (1, 2): 75.

Ctenolepisma longicaudata Escherich, 1905 NZ + E

Ctenolepisma longicaudata Escherich, 1905, Zoologica, Stuttgart 18 (1, 2): 83 (E).

Ctenolepisma longicaudata: Wise, 1970, N.Z. Ent. 4 (3): 63 (NZ).

Species dubium

Thermobia furnorum: Thomson, 1922, Naturalisation animals plants New Zealand, 266 (NZ).

SUBCLASS PTERYGOTA
INFRACLASS PALAEOPTERA
ORDER EPHEMEROPTERA
SUPERFAMILY HEPTAGENIOIDEA
FAMILY SIPHLONURIDAE
SUBFAMILY SIPHLONURINAE
 Genus **Nesameletus** Tillyard, 1933

Nesameletus Tillyard, 1933, Proc. Linn. Soc. N.S.W. 58: 11.

Nesameletus flavitinctus (Tillyard, 1923) NZ

Ameletus flavitinctus Tillyard, 1923, Trans. Proc. N.Z. Inst. 54: 226 (NZ).

Nesameletus flavitinctus: Tillyard, 1933, Proc. Linn. Soc. N.S.W. 58: 12 (NZ).

Nesameletus ornatus (Eaton, 1883) NZ

Chirotonetes (?) *ornatus* Eaton, 1883, Trans. Linn. Soc. London (2) Zool. 3 (1): Pl.19 figs. 33c.

Chirotonetes (?) *ornatus* Eaton, 1885, Trans. Linn. Soc. London (2) Zool. 3 (3): 208.

Chirotonetes (?) *ornatus* Eaton, 1888, Trans. Linn. Soc. London (2) Zool. 3 (6): 321 (NZ).

Ameletus ornatus: Eaton, 1899, Trans. Ent. Soc. London 1899: 291 (NZ).

[*Nesameletus ornatus*]: Tillyard, 1933, Proc. Linn. Soc. N.S.W. 58: 3, 11 (NZ).

Nesameletus ornatus: Wisely, 1962, Trans. R. Soc. N.Z. Zool. 2 (25): 213 (NZ).

SUBFAMILY RALLIDENTINAE
 Genus **Rallidens** Penniket, 1966

Rallidens Penniket, 1966, Rec. Canterbury Mus. 8 (2): 164.

Rallidens mcfarlanei Penniket, 1966 NZ

Rallidens mcfarlanei Penniket, 1966, Rec. Canterbury Mus. 8 (2): 164 (NZ).

Rallidens mcfarlani: McLean, 1967, Tane 13: 99, 104 (NZ) [in error for *mcfarlanei*].

SUBFAMILY AMELETOPSINAE

Genus *Ameletopsis* Phillips, 1930*Ameletopsis* Phillips, 1930, Trans. Proc. N.Z. Inst. 61: 324.***Ameletopsis perscitus*** (Eaton, 1899)

NZ

Ameletus perscitus Eaton, 1899, Trans. Ent. Soc. London 1899: 291 (NZ).*Ephemera* n.s. near *Coloburus*: Hudson, 1892, Manual New Zealand Entomology, 105 (NZ).*Ameletopsis perscitus*: Phillips, 1930, Trans. Proc. N.Z. Inst. 61: 327 (NZ).*Ameletopsis perscitus*: Mosely, 1932, Salmon Trout Mag. 69: 321 (NZ) [in error for *perscitus*].

SUBFAMILY COLOBURISCINAE

Genus *Coloburiscus* Eaton, 1888*Coloburiscus* Eaton, 1888, Trans. Linn. Soc. London (2) Zool. 3 (6): 346.***Coloburiscus humeralis*** (Walker, 1853)

NZ

Palingenia humeralis Walker, 1853, List neuropterous insects Br. Mus. Part 3: 552 (NZ).*Baetis remota* Walker, 1853, List neuropterous insects Br. Mus. Part 3: 564 (NZ).*Coloburus humeralis*: Eaton, 1868, Ent. Mon. Mag. 5: 89.*Coloburus humeralis*: Eaton, 1871, Trans. Ent. Soc. London 1871: 132 (NZ).*Coloburus humeralis*: Eaton, 1885, Trans. Linn. Soc. London (2) Zool. 3 (3): 202 (NZ).*Coloburus* [= *Coloburiscus*] *humeralis*: Eaton, 1888, Trans. Linn. Soc. London (2) Zool. 3 (6): 332 [for *Coloburiscus humeralis* = *Coloburus humeralis*].*Coloburiscus humeralis*: Hutton, 1899 (June), Trans. Proc. N.Z. Inst. 31: 217 (NZ).*Coloburiscus humeralis*: Eaton, 1899 (Sept.), Trans. Ent. Soc. London, 1899 (3): 290 (NZ).*Globuriscus humeralis*: Hard, 1952, N.Z. Ent. 1 (2): 11 (NZ) [in error for *Coloburiscus*].*Coloburiscus humeralis*: May, 1963, Trans. R. Soc. N.Z. Zool. 3 (19): 187 (NZ) [in error for *Coloburiscus*].***Coloburiscus tonnoiri*** Lestage, 1935

NZ

Coloburiscus tonnoiri Lestage, 1935, Bull. Anns. Soc. ent. Belg. 75: 353 (NZ).

SUBFAMILY ONISCIGASTRINAE

Genus *Oniscigaster* McLachlan, 1873*Oniscigaster* McLachlan, 1873, Ent. Mon. Mag. 10: 109.***Oniscigaster distans*** Eaton, 1899

NZ

Oniscigaster distans Eaton, 1899, Trans. Ent. Soc. London 1899: 293 (NZ).***Oniscigaster intermedius*** Eaton, 1899

NZ

Oniscigaster intermedius Eaton, 1899, Trans. Ent. Soc. London 1899: 292 (NZ).***Oniscigaster wakefieldi*** McLachlan, 1873

NZ

Oniscigaster wakefieldi McLachlan, 1873, Ent. Mon. Mag. 10: 110 (NZ).

FAMILY SIPHILAENIGMATIDAE

Genus *Siphlaenigma* Penniket, 1962*Siphlaenigma* Penniket, 1962, Rec. Canterbury Mus. 7 (5): 389.***Siphlaenigma janae*** Penniket, 1962

NZ

Siphlaenigma janae Penniket, 1962, Rec. Canterbury Mus. 7 (5): 390 (NZ).

FAMILY LEPTOPHLEBIIDAE

Genus *Zephlebia* Penniket, 1961*Zephlebia* Penniket, 1961, N.Z. Ent. 2 (6): 8.Subgenus ***Zephlebia*** Penniket, 1961*Zephlebia* (*Zephlebia*) Penniket, 1961, N.Z. Ent. 2 (6): 8.***Zephlebia* (*Zephlebia*) *borealis*** (Phillips, 1930)

NZ

Atalophlebia borealis Phillips, 1930, Trans. Proc. N.Z. Inst. 61: 356 (NZ).*Atalophlebia* ? n.sp.: Phillips, 1930, Trans. Proc. N.Z. Inst. 61: 356 (NZ).*Zephlebia* (*Zephlebia*) *borealis*: Penniket, 1961, N.Z. Ent. 2 (6): 9 (NZ).***Zephlebia* (*Zephlebia*) *cruentata*** (Hudson, 1904)

NZ

Atalophlebia cruentata Hudson, 1904, New Zealand Neuroptera: 33 (NZ).*Zephlebia* (*Zephlebia*) *cruentata*: Penniket, 1961, N.Z. Ent. 2 (6): 9 (NZ).*Zephlebia cruentata*: McLean, 1966, Tane 12: 101 (NZ) [for *Zephlebia* (*Zephlebia*) *cruentata*].***Zephlebia* (*Zephlebia*) *dentata*** (Eaton, 1871)

NZ

Leptophlebia dentata Eaton, 1871, Trans. Ent. Soc. London 1871: 80 (NZ).*Atalophlebia dentata*: Eaton, 1884, Trans. Linn. Soc. London (2) Zool. 3 (2): 88 (NZ).*Zephlebia* (*Zephlebia*) *dentata*: Penniket, 1961, N.Z. Ent. 2 (6): 9 (NZ).*Zephlebia dentata*: McLean, 1967, Tane 13: 101 (NZ) [for *Zephlebia* (*Zephlebia*) *dentata*].***Zephlebia* (*Zephlebia*) *versicolor*** (Eaton, 1899)

NZ

Atalophlebia versicolor Eaton, 1899, Trans. Ent. Soc. London 1899: 286 (NZ).*Zephlebia* (*Zephlebia*) *versicolor*: Penniket, 1961, N.Z. Ent. 2 (6): 8 (NZ).*Zephlebia versicolor*: McLean, 1967, Tane 13: 101 (NZ) [for *Zephlebia* (*Zephlebia*) *versicolor*].

Atalophlebia versicolor: Stout, 1969, Natural history Canterbury, 491 (NZ) [for *Zephlebia* (*Zephlebia*) *versicolor*].

Subgenus **Neozephlebia** Penniket, 1961

Zephlebia (*Neozephlebia*) Penniket, 1961, N.Z. Ent. 2 (6): 9.

Zephlebia (**Neozephlebia**) **nodularis** (Eaton, 1871) NZ

Leptophlebia nodularis Eaton, 1871, Trans. Ent. Soc. London 1871: 81 (NZ).

Atalophlebia nodularis: Eaton, 1883, Trans. Linn. Soc. London (2) Zool. 3 (1): Pl. 10 figs. 16e.

Atalophlebia nodularis: Eaton, 1884, Trans. Linn. Soc. London (2) Zool. 3 (2): 89 (NZ).

Zephlebia (*Neozephlebia*) *nodularis*: Penniket, 1961, N.Z. Ent. 2 (6): 9 (NZ).

Zephlebia (**Neozephlebia**) **scita** (Walker, 1853) NZ

Baetis scita Walker, 1853, List neuropterous insects Br. Mus. Part 3: 570 (NZ).

Leptophlebia scita: Eaton, 1871, Trans. Ent. Soc. London 1871: 81 (NZ).

Atalophlebia scita: Eaton, 1883, Trans. Linn. Soc. London (2) Zool. 3 (1): Pl. 10 figs. 16f.

Atalophlebia scita: Eaton, 1884, Trans. Linn. Soc. London (2) Zool. 3 (2): 90 (NZ).

Deleatidium lillii: Phillips, 1930, Trans. Proc. N.Z. Inst. 61: 368 (NZ) [part non *Deleatidium lillii* Eaton, 1899].

Zephlebia (*Neozephlebia*) *scita*: Penniket, 1961, N.Z. Ent. 2 (6): 9 (NZ).

Genus **Deleatidium** Eaton, 1899

Deleatidium Eaton, 1899, Trans. Ent. Soc. London 1899: 288.

Deleatidium autumnale Phillips, 1930 NZ

Deleatidium autumnale Phillips, 1930, Trans. Proc. N.Z. Inst. 61: 371 (NZ).

Deleatidium cerinum Phillips, 1930 NZ

Deleatidium cerinum Phillips, 1930, Trans. Proc. N.Z. Inst. 61: 382 (NZ).

Deleatidium fumosum Phillips, 1930 NZ

Deleatidium fumosum Phillips, 1930, Trans. Proc. N.Z. Inst. 61: 372 (NZ).

Deleatidium lillii Eaton, 1899 NZ

Deleatidium lillii Eaton, 1899, Trans. Ent. Soc. London 1899: 289 (NZ).

Atalophlebia scita Lillie, 1899, Trans. Proc. N.Z. Inst. 31: 167 (NZ) [non *Baetis scita* Walker, 1853].

Deleatidium lillii: Lillie, 1901, Trans. Proc. N.Z. Inst. 33: 149 (NZ).

Deleatidium lillii: Mosely, 1932, Salmon Trout Mag. 69: 325 (NZ) [in error for *lillii*].

Deleatidium myzobanchia Phillips, 1930 NZ

Deleatidium myzobanchia Phillips, 1930, Trans. Proc. N.Z. Inst. 61: 373 (NZ).

Deleatidium myzobanchia: Mosely, 1932, Salmon Trout Mag. 69: 324 (NZ) [in error for *myzobanchia*].

Deleatidium vernale Phillips, 1930 NZ

Deleatidium vernale Phillips, 1930, Trans. Proc. N.Z. Inst. 61: 360 (NZ).

Genus **Atalophlebioides** Phillips, 1930

Deleatidium (*Atalophlebioides*) Phillips, 1930, Trans. Proc. N.Z. Inst. 61: 336.

Atalophlebioides aucklandensis Peters, 1971 A

Atalophlebioides aucklandensis Peters, 1971, Pacific Insects Monogr. 27: 47 (A).

Atalophlebioides cromwelli (Phillips, 1930) NZ

Deleatidium (*Atalophlebioides*) *cromwelli* Phillips, 1930, Trans. Proc. N.Z. Inst. 61: 385 (NZ).

Deleatidium cromwelli: Phillips, 1930, Trans. Proc. N.Z. Inst. 61: 336 (NZ).

Deleatidium cromwelli: Mosely, 1932, Salmon Trout Mag. 69: 326 (NZ).

Deleatidium (*Atalophlebioides*) *cromwelli*: Hard, 1952, N.Z. Ent. 1 (2): 12 (NZ) [in error for *Atalophlebioides*].

Atalophlebioides cromwelli: Peters, 1971, Pacific Insects Monogr. 27: 51 (NZ).

Atalophlebioides sepia (Phillips, 1930) NZ

Deleatidium (*Atalophlebioides*) *sepia* Phillips, 1930, Trans. Proc. N.Z. Inst. 61: 383 (NZ).

Deleatidium sepia: Phillips, 1930, Trans. Proc. N.Z. Inst. 61: 336 (NZ).

Deleatidium sepia: Mosely, 1932, Salmon Trout Mag. 69: 324 (NZ).

Deleatidium (*Atalophlebioides*) *sepia*: Hard, 1952, N.Z. Ent. 1 (2): 12 (NZ) [in error for *Atalophlebioides*].

Atalophlebioides sepia: Peters, 1971, Pacific Insec's Monogr. 27: 51 (NZ).

SUPERFAMILY EPHEMEROIDEA

FAMILY **EPHEMERIDAE**

Genus **Ichthybotus** Eaton, 1899

Ichthybotus Eaton, 1899, Trans. Ent. Soc. London 1899: 285.

Ichthybotus bicolor Tillyard, 1923 NZ

Ichthybotus bicolor Tillyard, 1923, Trans. Proc. N.Z. Inst. 54: 228 (NZ).

Ichthybotus hudsoni (McLachlan, 1894) NZ

Ephemera hudsoni McLachlan, 1894, Ent. Mon. Mag. 30: 270 (NZ).

Ichthybotus hudsoni: Eaton, 1899, Trans. Ent. Soc. London 1899: 285 (NZ).