

A CHECK-LIST OF THE ORTHOPTEROID INSECTS RECORDED FROM BRITISH COLUMBIA

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ABSTRACT

A check-list of the 130 species of orthopteroid insects recorded from British Columbia is presented.

INTRODUCTION

Buckell (1922) published a list of the Orthoptera and Dermaptera of British Columbia, and updated this in 1924 (Buckell 1924) and again in 1937, but without publishing it (Buckell 1937). Other than a paper by Treherne & Buckell (1924), there has been no recent listing of the complete orthopteroid fauna of B.C.

Vickery and Kevan (1983) have just published a monograph of the orthopteroid insects of Canada and adjacent regions. In this they summarize the distribution of the various species.

We have prepared a check-list of the B.C. species from this publication, for use in rearranging and revising the nomenclature of the orthopteroid insects in the Spencer Entomological Museum collection. Since such a list might be useful to other entomologists in the province, it seems worthwhile to publish it. Unless otherwise stated, species are native. Alien is used to indicate a non-native species that has become established (at least temporarily or repeatedly) either in the wild or elsewhere: adventive signifies a casual introduction, without known breeding records for British Columbia. One or two of the latter from Buckell (1937) were not included for B.C. by Vickery and Kevan (1983). The nomenclature used here follows that of these last authors.

Order DICTUOPTERA

Suborder BLATTODEA

Infraorder BLATTIDEA

Superfamily BLATTOIDEA

Family BLATTIDAE

Subfamily BLATTINAE

Blatta Linnaeus 1758

B. orientalis Linnaeus 1758 (Alien)

Periplaneta Burmeister 1838

P. americana (Linnaeus 1758) (Alien)

P. australasiae (Fabricius 1775) (Alien)

P. fuliginosa (Audinet-Serville
1838) (Alien)

Superfamily BLABEROIDEA

Family NAUPHOETIDAE

Subfamily PANCHLORINAE

Panchlora Burmeister 1838

P. nivea (Linnaeus 1758) (Adventive)

P. latipennis Saussure & Zehntner

1893 (Adventive)

Family EPILAMPRIDAE

Subfamily EPILAMPRINAE

Epilampra Burmeister 1838

E. maya maya J. A. G. Rehn (?)

(Adventive)¹

Superfamily EXTOBIOIDEA

Family NYCTIBORIDAE

Subfamily NYCTIBORINAE

Nyctibora Burmeister 1838

N. noctivaga J. A. G. Rehn (Adventive)²

Family BLATTELLIDAE

Subfamily PSEUDOPHYLLODROMIINAE

Neoblattella Shelford 1911

Neoblattella sp. (Adventive)³

Supella Shelford 1911

S. longipalpa (Fabricius 1798) (Alien)

Subfamily BLATTELLINAE

Blattella Caudell 1903

B. germanica (Linnaeus 1767) (Alien)

Suborder TERMITODEA

Infraorder TERMITIDEA

Superfamily TERMITOIDEA

Family TERMOPSIDAE

Subfamily TERMOPSINAE

Zootermopsis Emerson 1933

Z. nevadensis (Hagen 1874)

Z. angusticollis (Hagen 1858)

Family KALOTERMITIDAE

Subfamily KALOTERMITINAE

Cryptotermes Banks 1906

C. brevis (F. Walker 1853) (Alien)

Family RHINOTERMITIDAE

Subfamily HETEROERMITINAE

¹Probably this species recorded by Buckell (1937), without B.C. locality as *E. abdomenigoum* (De Geer 1773); inadvertently omitted for Canada by Vickery and Kevan (1983).

²B.C. record inadvertently omitted by Vickery and Kevan (1983), but see Buckell (1922, 1937).

³Buckell's (1937) record for B.C. inadvertently omitted by Vickery and Kevan (1983).

- Reticulitermes* Holmgren 1913
R. hesperus Banks 1920
 Suborder MANTODEA
 Infraorder MANTIDEA
 Superfamily MANTOIDEA
 Family MANTIDAE
 Subfamily AMELINAE
Litaneutria Saussure 1892
L. minor (Scudder 1872)
 Subfamily MANTINAE
Mantis Linnaeus 1767
M. religiosa religiosa (Linnaeus 1758) (Alien)
- Order NOTOPTERA Crampton
 Suborder GRYLLOBLATTODEA
 Infraorder GRYLLOBLATTIDEA
 Superfamily GRYLLOBLATTOIDEA
 Family GRYLLOBLATTIDAE
 Subfamily GRYLLOBLATTINAE
Grylloblatta E. M. Walker 1914
G. campodeiformis campodeiformis E. M. Walker 1914
G. c. athapaska Kamp 1979
G. c. nahanni Kamp 1979
G. scudderi Kamp 1979
Grylloblatta spp., *nov. et indet.*
- Order DERMAPTERA
 Suborder FORFICULOIDEA
 Infraorder FORFICULIDEA
 Superfamily SPONGIPHOROIDEA
 Family ANISOLABIDIDAE
 Subfamily ANISOLABIDINAE
Anisolabis Fieber 1853
A. maritima (Bonelli in Gené 1832) (Alien)
Euborellia Burr 1910
E. annulipes (H. Lucas 1847) (Alien)
 Family SPONGIPHORIDAE
 Subfamily LABIINAE
Labia Leach 1815
L. minor (Linnaeus 1758) (Alien)
 Superfamily FORFICULOIDEA
 Family FORFICULIDAE
 Subfamily FORFICULINAE
Forficula Linnaeus 1758
F. auricularia (Linnaeus 1758) (Alien)
- Order GRYLLOPTERA
 Suborder TETTIGONIOIDEA
 Infraorder STENOPELMATIDEA
 Superfamily STENOPELMATOIDEA
 Family STENOPELMATIDAE
 Subfamily STENOPELMATINAE
Stenopelmatus Burmeister 1838
S. fuscus Haldeman 1852
S. longispina Brunner von Wattenwyl 1888
 Superfamily RHAPHIDOPHOROIDEA
 Family RHAPHIDOPHORIDAE
 Subfamily TROPIDISCHIINAE
Tropidischia Scudder 1863
T. xanthostoma (Scudder 1861)
 Subfamily CEUTHOPHILINAE
Pristoceuthophilus J. A. G. Rehn 1902
P. pacificus (Thomas 1872)
P. celatus (Scudder 1894)
P. gaigei Hubbell 1925
P. cercalis Caudell 1916
Ceuthophilus Scudder 1863
 Subgenus *Ceuthophilus* Scudder 1863
C. (C.) agassizii (Scudder 1861)
 Subgenus *Geotettix* Hubbell 1936
C. (G.) vicinus Hubbell 1936
C. (G.) alpinus Scudder 1894
 Infraorder TETTIGONIOIDEA
 Superfamily HAGLOIDEA
 Family PROPHALANGOPSIDAE
 Subfamily CRYPTOPHYLLITINAE
Cyphoderris Uhler 1864
C. monstrosa Uhler 1864
C. buckelli Hebard 1934
 Superfamily TETTIGONIOIDEA
 Family PHANOPTERIDAE
 Subfamily PHANOPTERINAE
Phanoptera Audinet-Serville 1831
P. gracilis gracilis Burmeister 1838 (Adventive)
Scudderia Stal 1873
S. pistillata Brunner von Wattenwyl 1878
S. furcata furcata Brunner von Wattenwyl 1878
Microcentrum Scudder 1863
M. rhombifolium (Saussure 1859) (Adventive)
 Family TETTIGONIIDAE
 Subfamily TETTIGONIINAE
 Tribe DECTICINI
Anabrus Haldeman 1852
A. simplex Haldeman 1852
A. longipes Caudell 1907
A. cerciata Caudell 1907
Peranabrus Scudder 1894
P. scabricollis (Thomas 1872)
Neduba F. Walker 1869
 Subgenus *Neduba* F. Walker 1869
N. (N.) steindachneri (Hermann 1874)
Apote Scudder 1894
A. robusta Caudell 1907
Steiroxys Hermann 1874
Steiroxys, n.sp. or spp.
Sphagniana Zeuner 1941
S. sphagnorum (F. Walker 1869)
 Family CONOCEPHALIDAE
 Subfamily CONOCEPHALINAE
 Tribe COPIPHORINI
Neoconocephalus Karny 1907
N. triops (Linnaeus 1758)¹
 Tribe CONOCEPHALINI
Conocephalus Thunberg 1815
C. fasciatus (DeGeer 1773)
- Suborder GRYLLODEA
 Infraorder GRYLLIDEA
 Superfamily GRYLLOTALPOIDEA
 Family GRYLLOTALPIDAE

¹The B.C. record of Buckell (1937) inadvertently omitted by Vickery and Kevan (1983).

- Subfamily GRYLLOTALPINAЕ
Scapteriscus Scudder 1868
S. vicinus Scudder 1869 (Adventive)
- Superfamily GRYLLOIDEA
Family GRYLLIDAE
Subfamily GRYLLINAE
Gryllus Linnaeus 1758
G. pennsylvanicus Burmeister 1838
G. veletis (Alexander & Bigelow 1960)
Acheta Fabricius 1775
A. domesticus (Linnaeus 1758) (Alien)
Grylloides Saussure 1874
G. supplicans (F. Walker 1859)
(Adventive)
- Subfamily NEMOBIINAE
Allonemobius Hebard 1913
A. fasciatus (DeGeer 1773)
A. allardi (Alexander & Thomas 1959)
- Family MYRMECOPHILIDAE
Subfamily MYRMECOPHILINAE
Myrmecophilus Berthold 1827
M. oregonensis Bruner 1884
- Family OECANTHIDAE
Subfamily OECANTHINAE
Oecanthus Audinet-Serville 1831
O. fultoni T. J. Walker 1962 (?)
O. rileyi Baker 1905
O. californicus Saussure 1874
O. nigricornis F. Walker 1869
O. quadripunctatus Beutenmuller 1894
O. argentinus Saussure 1874
- Order ORTHOPTERA
Suborder ACRIDODEA
Infraorder ACRIDIDEA
Superfamily ACRIDOIDEA
Family ACRIDIDAE
Subfamily MELANOPLINAE
Tribe MELANOPLINI
Subtribe DACTYLOTINA
Hesperotettix Scudder 1876
H. viridis pratensis Scudder 1897
- Subtribe MALANOPLINA
Phoetaliotes Scudder 1897
P. nebrascensis (Thomas 1872)
Melanoplus Stal 1873
M. oregonensis oregonensis
(Thomas 1875)
M. o. triangularis Hebard 1928
M. montanus (Thomas 1873)
Melanoplus n. sp.
M. washingtonius (Bruner 1885)
M. huroni Blatchley 1898
M. bivittatus (Say 1825)
M. dawsoni (Scudder 1875)
M. confusus Scudder 1897
M. femurrubrum femurrubrum
(DeGeer 1773)
M. borealis borealis (Fieber 1853)
M. sanguinipes sanguinipes
(Fabricius 1798)
M. bruneri Scudder 1896
M. infantilis Scudder 1879
- M. alpinus* Scudder 1897
M. kennicottii kenicottii
Scudder 1878
M. occidentalis occidentalis
(Thomas 1872)
M. rugglesi Gurney 1949
M. fasciatus (F. Walker 1870)
M. foedus foedus Scudder 1879
M. packardii packardii Scudder 1878
M. cinereus cinereus Scudder 1878
- Tribe PODISMINI
Subtribe BRADYNOTINA
Buckellacris J. A. G. Rehn and
J. W. H. Rehn 1945
B. nuda nuda (E. M. Walker 1898)
B. hispida (Bruner 1885)
B. chilcotinae chilcotinae
(Hebard 1922)
Bradynotes Scudder 1880
B. obesa (Thomas 1872),
intermediates between *B. o. obesa*
and *B. o. caurus* Scudder 1897
Asemoplus Scudder 1896
A. montanus (Bruner 1885)
- Subfamily LOCUSTINAE
Tribe LOCUSTINI
Arphia Stal 1873
A. conspersa Scudder 1875
A. pseudonietana pseudonietana
(Thomas 1870)
Chortophaga Saussure 1884
C. viridifasciata (DeGeer 1773)
Camnula Stal 1873
C. pellucida (Scudder 1863)
Pardalophora Saussure 1884
P. apiculata (Harris 1835)
Xanthippus Saussure 1884
X. vitellinus Saussure 1884
X. corallipes buckelli Hebard 1928
Cratypedes Thomas 1876
C. neglectus (Thomas 1870)
Dissosteira Scudder 1876
D. carolina (Linnaeus 1758)
D. spurcata Saussure 1884
Spharagemon Scudder 1875
S. equale (Say 1825)
S. collare (Scudder 1872)
Metator McNeill 1901
N. nevadensis (Bruner 1905)
Trachyrhachys Scudder 1876
T. kiowa kiowa (Thomas 1872)
Conozoa Saussure 1884
C. wallula (Scudder 1881)
Trimerotropis Stal 1873
T. gracilis (Thomas 1872)
T. sordida E. M. Walker 1902
T. sparsa (Thomas 1875)
T. pallidipennis pallidipennis
(Burmeister 1838)
T. campestris McNeill 1900
T. longicornis E. M. Walker 1902
T. fontana Thomas 1876
T. verruculata verruculata

- (W. Kirby 1837)
T. v. suffusa Scudder 1876
Circotettix Scudder 1876
C. undulatus undulatus
 (Thomas 1872)
C. rabula rabula J. A. G. Rehn
 & Hebard 1906
Aerochoreutes J. A. G. Rehn
 & Hebard 1906
A. carlinianus carlinianus
 (Thomas 1870)
A. c. strepitus J. A. G. Rehn 1921
 Tribe EPACROMIINI
Stethophyma Fischer 1853
S. lineatum (Scudder 1863)
S. gracille (Scudder 1862)
 Subfamily GOMPHOCERINAE
 Tribe CHRYSOCHRAONTINI
Pseudopomala Morse 1896
P. brachyptera (Scudder 1863)
Chloealtis Harris 1841
C. conspersa Harris 1841
C. abdominalis (Thomas 1873)
 Tribe GOMPHOCERINI
Chorthippus Fieber 1852
C. curtipennis curtipennis
 (Harris 1841)
Bruneria McNeill 1897
B. brunnea (Thomas 1871)
Aeropedellus Hebard 1935
A. clavatus (Thomas 1873)
Amphitornus McNeill 1896
A. coloradus ornatus
 McNeill 1896
Psoloessa Scudder 1875
P. delicatula buckelli
 J. A. G. Rehn 1937
Aulocara Scudder 1876
A. elliotti (Thomas 1870)
Ageneotettix McNeill 1897
A. deorum (Scudder 1876)
 Tribe ORPHULELLINI
Orphulella Giglio-Tos 1894
O. pelidna desereta Scudder 1899
 Suborder TETRIGODEA
 Infraorder TETRIGIDEA
 Superfamily TETRIGIODEA
 Family TETRIGIDAE
 Subfamily TETRIGINAE
 Tribe TETRIGINI
Tetrix Latreille 1802
T. subulata (Linnaeus 1761)
T. brunnerii I. Bolivar 1887
T. ornata ornata (Say 1824)
T. o. occidua J. A. G. Rehn &
 Grant 1956

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