

An annotated checklist of the Trichoptera (Insecta) of British Columbia

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Accepted March 20, 1978

This paper presents an annotated checklist of the caddisflies (Trichoptera) of British Columbia. A total of 248 species is reported from the Province, 43 for the first time. Three species previously recorded from British Columbia are excluded.

KEY INDEX WORDS: *British Columbia, caddisflies, checklist, Insecta, Trichoptera.*

Syysis, 11:117-133 (1978)

Introduction

Over the years, there have been a number of scattered records of Trichoptera from British Columbia. In 1952 the various records were brought together by Ross & Spencer (1952), while Schmid & Guppy (1952) also reported on the Trichoptera from southern Vancouver Island. Since then, there has been considerable accumulation of material and study. In particular, the fauna of the southeastern parts of British Columbia has been investigated by Nimmo (1971, 1974, 1977).

This paper presents an annotated checklist of the known caddisfly fauna of British Columbia. It records 248 species from the Province, 43 for the first time. Although a large number of new locality records are included, the distribution of most species is still very poorly known. There has been no concerted Trichoptera collecting in British Columbia as a whole, so the fauna must still be regarded as incompletely known. We estimate that probably about 75 per cent of the actual Trichoptera fauna is presented in the following list.

The arrangement of families, genera within families, and species within genera is alphabetical, and hence is consistent with the recent publication on the larvae of caddisflies by Wiggins (1977). For the most part, the nomenclature follows that in Fischer (1960-73), with appropriate modifications where more recent study has indicated that this is necessary.

Collection abbreviations used in the text are as follows: *CNC*, Canadian National Collection, Ottawa; *INHS*, Illinois Natural History Survey, Urbana; *ROM*, Royal Ontario Museum, Toronto; *UA*, University of Alberta, Edmonton; *UBC*, University of British Columbia, Vancouver. Full data on all material examined in the course of this study are on file in the Spencer Entomological Museum, Department of Zoology, University of British Columbia.

Family Brachycentridae

Antiochetrus aspilus (Ross)

B.C. (Wiggins 1977).

Hwy. 3, 6 mi. W of Fernie, 24.vii.1970 (R.O.M. Field Party) *ROM*.

Brachycentrus americanus (Banks)

Elk R., Hwy. 3, Fernie, 10 mi. W, 24.vii.1970 (R.O.M. Fld. Pty.) *ROM*; Fernie, Mt. Fernie camp, 23-24.vii.1970 (R.O.M. Fld. Pty.) *ROM*; Kamloops, Paul L. camp, 16.vii.1969 (R.O.M. Fld. Pty.) *ROM*. New to B.C.

B. occidentalis Banks

Bon Accord (Banks 1911, Ross 1938a); Bon Accord, Nicola, Oliver, Quesnel (Ross and Spencer 1952).

Marguerite, 5.vi.1958 (G. E. Ball) *ROM*.

Eobrachycentrus gelidae Wiggins

B.C. (Wiggins 1977).

Allison Pass summit, 1 mi. W on Hwy. 3, larvae, 6.vii.1969 (R.O.M. Fld. Pty.) *ROM*.

Micrasema bacro Ross

Stave Falls (Ross and Spencer 1952).

Clinton, Loon L. road, 11-12.vii.1969 (R.O.M. Fld. Pty.) *ROM*.

Family Calamoceratidae

Heteroplectron californicum McLachlan

Cultus L., Duncan (Ross and Spencer 1952); Marion L.¹ (Winterbourn 1971a).

Haney, Marion L., 29.viii.1969 (larvae) (M. Winterbourn) ROM; Victoria, Goldwater camp, 27-28.vi.1969 (larvae) (R.O.M. Fld. Pty.) ROM; Wellington, 3.vii.1952, 24.vii.1949, 22.vi.1950, 19.vi.1950, 13.vii.1956, 25.vi.1956 (R. Guppy) CNC.

Family Glossosomatidae

Anagapetus bernaes Ross

Hope, 17 mi. E (Ross and Spencer 1952).

Allison Pass summit, 1 mi. W on Hwy. 3, 6.vii.1969 (R.O.M. Fld. Pty.) ROM; Cultus L., Entrance Bay camp, 20.vi.1969 (larvae) (R.O.M. Fld. Pty.) ROM.

A. debills (Ross)

B.C. (Nimmo 1971).

Fernie, 6 mi. W on Hwy. 3, 24.vii.1970 (R.O.M. Fld. Pty.) ROM; Fernie, Lizard Creek, 24.vi.1962 (G. B. Wiggins) ROM; Kamloops, Lloyds Creek, Paul L. road, 20.vii.1969 (R.O.M. Fld. Pty.) ROM; Clinton, Loon L. road, pupae, 12.vii.1969 (R.O.M. Fld. Pty.) ROM.

A. hoodi Ross

Allison Pass, 1 mi. W of summit, Hwy. 3, 6.vii.1969 (R.O.M. Fld. Pty.) ROM; Salmo, 4.vii.1965 (F. Schmid) CNC. New to B.C.

Glossosoma alascense Banks

Golden, 20 mi. N, Hwy. 1, larvae, 16.viii.1970 (R.O.M. Fld. Pty.) ROM; Grand Forks, 4.vii.1965 (F. Schmid) CNC; Yoho Nat. Park, Kickinghorse camp, Kickinghorse R., 23.v.1967, 15.vi.1967, 16.vii.1967, 6.viii.1967 (A. P. Nimmo) UA. New to B.C.

G. excitum Ross

Allison Pass, 3.vii.1965 (F. Schmid) CNC. New to B.C.

G. intermedium (Klapalek)

Eastern B.C. (Nimmo 1974).

Fernie, Fairy Creek, Hwy. 3, 14.vi.1967 (A. P. Nimmo) UA.

G. penitum Banks

Peachland (Banks 1914, Gibson 1915); Wellington (Schmid and Guppy 1952); Burnaby, Chilliwack distr., Cowichan L., Cultus L., Peachland, N. Vancouver, Stave Falls (Ross and Spencer 1952).

Kamloops, Lloyds Creek, Paul L. road, pupae, 20.vii.1969 (R.O.M. Fld. Pty.) ROM; Kinnaird, 21.v.1965 (F. Schmid) CNC; Victoria, Goldwater camp, pupae, 27-28.vi.1969 (R.O.M. Fld. Pty.) ROM.

¹ The official name is Jacobs L.

G. pyroxum Ross

Coquitlam R. (Ross and Spencer 1952).

G. velona Ross

Cultus L., Fort St. James (N of) (Ross and Spencer 1952); B.C. (Nimmo 1974).

Crownsnest, 17.vi.1962 (F. C. Herrmann) CNC; Okanagan Falls, 22.v.1965 (F. Schmid) CNC; Oliver, 3.vi.1923 (C. B. Garrett) CNC.

G. verdonia Ross

Eastern B.C. (Nimmo 1974).

Hosmer, 17.v.1965 (F. Schmid) CNC; Yoho Nat. Park, Kickinghorse R., Kickinghorse camp, 23.v.1967 (A. P. Nimmo) UA.

G. wenatchee Ross and Spencer

Keremeos (Ross and Spencer 1952).

Clinton, Loon L. road, pupae, 11-12.vii.1969 (R.O.M. Fld. Pty.) ROM.

Family Hydropsychidae

Arctopsyche grandis (Banks)

Cranbrook, Kaslo, Keremeos, Lillooet, Merritt, Seton L., Vancouver (Ross and Spencer 1952).

Allison Pass, 3.vii.1965 (F. Schmid) CNC; Clinton, Loon L. road, larvae, 12-14.vii.1969 (R.O.M. Fld. Pty.) ROM; Dutch Creek, 46 mi. N of Canal Flats, Hwy. 93, 23.vii.1970 (R.O.M. Fld. Pty.) ROM; Fernie, 10 mi. W, Elk R., Hwy. 3, larvae, 24.vii.1970 (R.O.M. Fld. Pty.) ROM; Grand Forks, 4.vii.1965 (F. Schmid) CNC; Haney, Marion L., 12.vi.1969 (M. Winterbourn) CNC; Kimberley, N of, Hwy. 93, 24.vii.1962 (G. B. Wiggins) ROM; Kitchener, 5.vii.1965 (F. Schmid) CNC; Lillooet, 27.viii.1951 (A. L. Turnbull) CNC; Lillooet, Marble Canyon, 26.v.1926 (J. McDunnough) CNC; Marguerite, 5.vi.1958 (G. E. Ball) CNC; Rock Creek, Hwy. 3, 4.vii.1965 (F. Schmid) CNC; Terrace, 30.vi.1960, 28.vii.1960 (B. S. Heming) CNC.

A. inermis Banks

Lillooet, Marble Canyon, 26.v.1926 (J. McDunnough) CNC. New to B.C.

Cheumatopsyche analis (Banks)

Agassiz, Nicola, Vancouver (Ross and Spencer 1952).

Haney, Gwendoline L. outlet stream, 8.vii.1969 (R.O.M. Fld. Pty.) ROM.

C. campyla Ross

Cowichan L., Seton L., Walhachin (Ross and Spencer 1952).

Port Alberni, Robertson Creek, 25.vi.1969 (R.O.M. Fld. Pty.) ROM; Savona, 16.vii.1969 (A. G. Edmunds) ROM; Walhachin, Deadman Creek, 24.vii.1963 (G. B. Wiggins) ROM.

C. gracilis (Banks)

Lower Post, 100 Mile House (Ross and Spencer 1952).

Hydropsyche amblis Ross

Alta L. (Ross and Spencer 1952).

H. bifida Banks

Cowichan L., viii.1940 (C. P. Idyll) *CNC*. New to B.C.

H. californica Banks

Cowichan L. (Ross and Spencer 1952).

H. centra Ross

Seton L. (Ross and Spencer 1952).

Bowser, 1.vi.1955 (R. Coyles) *CNC*; Port Alberni, Robertson Creek, 25.vi.1969 (R.O.M. Fld. Pty.) *ROM*.

H. guttata Pictet

Chilliwack, Kamloops, Rosedale (Ross and Spencer 1952).

H. occidentalis Banks

Canim L., Cultus L., Nelson, Oliver, Sardis, Seton L. (Ross and Spencer 1952).

Clinton, Loon L. road, 11-12.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Lillooet, Seton L., 8.vi.1926, 9.vi.1926, 13.vi.1926, 20.vi.1926 (J. McDunnough) *CNC*; Oliver, 17.viii.1923 (C. B. D. Garrett) *CNC*.

H. oslari Banks

Chilliwack, Jesmond, Lower Post, Nicola, Oliver, Quesnel, Soda Creek (Ross and Spencer 1952).

Clinton, Loon L. road, 11-12.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Fernie, Mt. Fernie camp, 23-24.vii.1970 (R.O.M. Fld. Pty.) *ROM*; Kamloops, Paul L. camp, 16.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Kamloops, Paul L., 20.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Port Alberni, Robertson Creek, 25.vi.1969 (R.O.M. Fld. Pty.) *ROM*; Savona, 16.vii.1969 (A. G. Edmunds) *ROM*.

H. viola Denning

Canim L. (Ross and Spencer 1952).

Parapsyche almota Ross

Cultus L. (Ross and Spencer 1952).

P. elsis Milne

Cultus L. (Milne 1936); Cultus L., Jesmond, Lytton, Similkameen (Ross and Spencer 1952).

Blanchard R., Mile 93, Haines Hwy., 24.vi.1958 (G. E. Ball) *UA*; Cameron L., 21.viii.1954 (R. Guppy) *CNC*; Englishman R. Park, 12.vii.1954 (R. Guppy) *CNC*; Garibaldi Prov. Park, Diamond Head trail, 3.viii.1953 (S. D. Hicks) *CNC*; Jesmond, 18.vi.1938 (J. K. Jacob) *CNC*; Kamloops, Paul L. camp, 16.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Kaslo, South

Fork, 16.viii.1907 (J. Fletcher) *CNC*; Keremeos, 27.vii.1923 (E. R. Buckell) *CNC*; Lemon Creek, 8.viii.1967 (J. H. Shepard) *UBC*; Manning Prov. Park, at light, 20.vii.1968 (J. L. Gordon) *UBC*; Manning Prov. Park, Coldspring camp, 6-7.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Merritt, 20.vii.1918 (W. B. Anderson) *CNC*.

Family Hydroptilidae

Agraylea multipunctata Curtis

Chilliwack, Cowichan L. (Ross and Spencer 1952).

Hydroptila arctica Ross

Cowichan L. (Ross and Spencer 1952).

H. consimilis Morton

Soda Creek (Ross and Spencer 1952).

H. vono Ross

Port Coquitlam (Ross and Spencer 1952).

H. xera Ross

Port Coquitlam (Ross and Spencer 1952).

Ithytrichia clavata Morton

Cultus L., Sardis (Ross and Spencer 1952).

Orthotrichia cristata Morton

Chilliwack (Ross and Spencer 1952).

Oxyethra aeola Ross

Vancouver (Ross 1938b).

O. serrata Ross

Cowichan L., N of Fort St. James (Ross and Spencer 1952).

O. sodalis Ross and Spencer

Soda Creek (Ross and Spencer 1952).

Palaeagapetus guppyi Schmid

Mt. Benson (Schmid and Guppy 1952).

Family Lepidostomatidae

Lepidostoma cascadenis (Milne)

Cultus L. as *Jenortha* (Milne 1936); Wellington (Schmid and Guppy 1952); Cultus L., N. Vancouver, W. Vancouver, Whonnock (Ross and Spencer 1952).

Englishman R. Park, 13.vii.1951 (R. Guppy) *CNC*; Fernie, Mt. Fernie camp, 23-24.vii.1970 (R.O.M. Fld. Pty.) *ROM*; Grand Forks, 4.vii.1965 (F. Schmid) *CNC*; Qualicum Falls, 6.viii.1951 (R. Guppy) *CNC*; Tofino, 17.vi.1951 (R. Guppy) *CNC*; Wellington, 15.vi.1950, 17.viii.1951 (R. Guppy) *CNC*.

L. hoodi Ross

Wellington (Schmid and Guppy 1952); Departure Bay (Ross and Spencer 1952).

L. jewetti Ross

Wellington (Denning 1949, Ross and Spencer 1952); Englishman R., Millstone R., Nanaimo, Wellington (Schmid and Guppy 1952).

Malahat, 28.vi.1951 (R. Guppy) *CNC*; S. Vancouver Is., 1.viii.1950, 26.ix.1950 (R. Guppy) *CNC*.

L. pluviale (Milne)

Cultus L. as *Olemira* (Milne 1936); 100 Mile House (Ross and Spencer 1952).

Cameron L., 31.vii.1952 (R. Guppy) *CNC*; Clinton, Loon L. road, 11-12.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Courtenay, 3.vii.1933 (J. McDunnough) *CNC*; Courtenay, Tsolum R., 2.vii.1933 (J. McDunnough) *CNC*; Lillooet, Seton L., 29.v.1926, 30.v.1926, 2.vi.1926, 9.vi.1926, 5.viii.1933 (J. McDunnough) *CNC*; Qualicum, 12.ix.1952 (R. Guppy) *CNC*; S. Vancouver Is., 10.vii.1950, 26.vii.1954 (R. Guppy) *CNC*.

L. quercina Ross

Wellington (Schmid and Guppy 1952).

Cameron L., 11.vi.1953 (R. Guppy) *CNC*.

L. rayneri Ross

Cultus L., Lillooet, Rosedale, N. Vancouver (Ross and Spencer 1952).

L. rhino Ross

Wellington (Schmid and Guppy 1952).

L. roafi (Milne)

B.C. as *Atomyia* (Milne 1936); Millstone R., Nanaimo, Wellington (Schmid and Guppy 1952); Vancouver, Vernon (Ross and Spencer 1952).

L. strophis Ross

Cultus L. (Ross 1938*b*); Wellington (Schmid and Guppy 1952); Cultus L., N of Fort St. James, Vernon (Ross and Spencer 1952).

Chilliwack, 29.v.1953, 4.vi.1953, 11.vi.1953, 16.vi.1953 (Canada Agriculture) *CNC*; Englishman R. Park, 12.vii.1951 (R. Guppy) *CNC*; French Creek, 12.ix.1951 (R. Guppy) *CNC*; Malahat Point, 28.vi.1951 (R. Guppy) *CNC*; Nanoose Creek, 4.x.1951 (R. Guppy) *CNC*; Qualicum Falls, 6.viii.1951 (R. Guppy) *CNC*; Tofino, 12.vi.1951 (R. Guppy) *CNC*; Ucluelet, 18.vi.1951 (R. Guppy) *CNC*.

L. unicolor (Banks)

Wellington (Schmid and Guppy 1952); Duncan, Vancouver (Ross and Spencer 1952); Marion L. (Winterbourn 1971*a*).

Qualicum, 6.viii.1951 (R. Guppy) *CNC*.

Family Leptoceridae

Ceraclea cancellata (Betten)

Canim L., Cultus L., Lower Post, 100 Mile House, Seton L., Summerland as *Athripsodes* (Ross and Spencer 1952).

C. coph (Ross)

Kaslo as *Athripsodes* (Ross and Spencer 1952).

C. maculata (Banks)

Langford, 23.vii.1958 (Canada Agriculture) *CNC*. New to B.C.

C. nigronervosa (Retz)

Stellako R., François Lake village, 13.vi.1958 (G. E. Ball) *CNC*. New to B.C.

C. resurgens (Walker)

Cultus L., N of Fort St. James as *Athripsodes* (Ross and Spencer 1952).

C. vertreest (Denning)

B.C. (Morse 1975).

Mystacides alafimbriata Hill-Griffin

Forbidden Plateau (Schmid and Guppy 1952, Hardy 1955); Agassiz, Cameron L., Canim L., Chilliwack, Cowichan L., Cultus L., Emerald L., Emerald L. (Yoho Nat. Park), Harrison L., Keremeos, Mons (Alta L.), Nelson, Nicola, Oliver, Penticton (Okanagan L.), Pitt L., N of Fort St. James (Stuart L., Tachla L.), Saanich distr., Sardis, Summerland, Vernon (Ross and Spencer 1952); Agassiz, Alta L., Babine R. (near Fort Babine), Canim L., Chase, Chilliwack, Christina L., Clearwater Creek (Lakelse, 18 mi. S of Terrace), Cowichan L., Cultus L., Hat Creek, Kaslo, Keremeos, Kootenay Landing, Nanaimo, Nicola, Okanagan L., Oliver, Penticton, Pitt L., Saanich distr., Salmon Arm, Sardis, Savona, Seton L., Stuart L., Tachla R. (near Fort St. James), Topley Landing (Babine L.), Vernon (Yamamoto and Wiggins 1964); Marion L. (Winterbourn 1971*a*).

Duffey L., 11.viii.1977 (J. R. Spence) *UBC*; Duncan, 22.vii.1949 (J. Gonnason) *ROM*; Oliver, 7 mi. N, 20.v.1958 (H. and A. Howden) *CNC*; Tatla L., 31.viii.1977 (D. H. Spence) *UBC*; Wellington, 27.ix.1951 (R. Guppy) *CNC*.

M. interjecta (Banks)

Chilcotin, Fernie as *M. longicornis* (L.) (Yamamoto and Wiggins 1964).

Fort St. John, pond near Charlie L., 7-8.vii.1974 (G. G. E. Scudder) *UBC*.

M. sepulchralis (Walker)

Hat Creek, Quesnel (Ross and Spencer 1952); Quesnel (Yamamoto and Wiggins 1964).

Nectopsyche albida (Walker)

Quesnel, Summerland as *Leptocella* (Ross and Spencer 1952).

Oecetis avara (Banks)

Okanagan L. (Clemens *et al.* 1939); Cultus L., La Cliche, Okanagan L., Sardis (Ross and Spencer 1952).

- O. incerta* (Walker)
Okanagan L. (Clemens *et al.* 1939).
- O. immobilis* (Hagen)
Okanagan L., Vernon (Ross and Spencer 1952).
- O. inconspicua* (Walker)
Canim L., Cultus L., Jesmond, 100 Mile House, Salmon Arm, Sardis, Seton L., Squilax, Summerland, Vernon (Ross and Spencer 1952); Marion L. (Winterbourn 1971a).
Oliver, 5.vi.1923, 13.viii.1923 (C. B. Garrett) *CNC*;
Vernon, 3.vii.1924, 22.vii.1924 (E. A. Rendell) *CNC*;
Soda Creek, 23-30.vii.1950 (G. J. Spencer) *UBC*.
- O. ochracea* (Curtis)
Fort St. John, pond near Charlie L., 7-8.vii.1974 (G. G. E. Scudder) *UBC*. New to B.C.
- Trienodes baris* Ross
Wellington (Schmid and Guppy 1952); 100 Mile House (Ross and Spencer 1952).
- T. grisea* Banks
Kamloops (Ross and Spencer 1952); Barnes L. (=Box 4), L. Lye (=Box 20-21), Round-up L. (=Phalerope), White L. (Scudder 1969).
Boitano L., 17.vi.1961, 4.vii.1962 (G. G. E. Scudder) *UBC*; Cariboo, Long L., 13.vi.1970 (G. G. E. Scudder) *UBC*; Chilcotin, Barnes L., 14.vii.1962 (G. G. E. Scudder) *UBC*; Riske Creek, 20.vii.1977 (J. R. Spence) *UBC*; Springhouse, 10.vii.1977, 21.vii.1977, 22.vii.1977, 10.viii.1977 (J. R. Spence) *UBC*; Westwick L., 15.vii.1962, 14.vi.1970 (G. G. E. Scudder), 25.viii.1970 (to light) (R. A. Cannings), 12.vii.1975 (J. R. Spence) *UBC*.
- T. injusta* Hagen
Cariboo, White L., 8.ix.1965 (G. G. E. Scudder) *UBC*; Chilcotin, Barnes L. (=Box 4), 7.vi.1966, 13.v.1966 (G. G. E. Scudder) *UBC*; Chilcotin, L. Lye (=Box 20-21), 7.vi.1966 (G. G. E. Scudder) *UBC*; Clinton, 17 mi. W of Hwy. 97 on Gang Ranch road, 13.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Kamloops, Paul L. camp, 16.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Summerland, 17.vii.1933 (A. N. Gartell) *CNC*. New to B.C.
- T. tarda* Milne
B.C. as *T. marginata tarda* (Milne 1934); Cultus L., Minnie L., Nicola L., 100 Mile House (Ross and Spencer 1952).
Tofino, 9.viii.1953 (R. Guppy) *CNC*.
- Family Limnephilidae**
- Allocosmoecus partitus* Banks
B.C. (Wiggins 1977).
Victoria, Goldstream camp, larvae, 27.vi.1969 (R.O.M. Fld. Pty.) *ROM*.
- Amphicosmoecus canax* (Ross)
Hosmer (Nimmo 1965); eastern B.C. (Nimmo 1971).
Ferne, 10 mi. W on Hwy. 3, Elk R., 24.vii.1970 (larvae), 19.x.1970 (T. Yamamoto) *ROM*; Golden, 22 mi. N, larvae, 25.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Hosmer, Hwy. 3, 13.ix.1958 (R. E. Leech) *UA*; Jaffray, creek on Hwy. 3, 12.iv.1977 (dead) (A. P. Nimmo) *UA*; Jaffray, Little Sand Creek, larvae, 23.vii.1950 (R. E. Leech) *ROM*; Yoho Nat. Park, Kickinghorse camp, 5.x.1963 (A. P. Nimmo) *UA*.
- Anabolia bimaculata* (Walker)
Kamloops, Lac du Bois, Nicola as *Limnephilus* (Ross and Spencer 1952); eastern B.C. (Nimmo 1971).
Kimberley, 27.viii.1955 (G. E. Ball) *UA*; Knutsford, 9 mi. S on Hwy. 5, 19.vii.1969 (pupae) (R.O.M. Fld. Pty.) *ROM*; Paul L., 16.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Springhouse, 26.viii.1975, 10.vii.1976, 10.vii.1977 (J. R. Spence) *UBC*; Westwick L., 12.vii.1975 (J. R. Spence) *UBC*.
- A. shoshone* Banks
Atlin, 13.vi.1955, 14.vi.1955 (H. Huckell) *CNC*. New to B.C.
- Apatania sorex* Ross
Wellington (Schmid and Guppy 1952).
- A. zonella* (Zetterstedt)
Atlin, 14.vi.1955 (H. Huckell) *CNC*; King Salmón L., 3.vii.1960 (W. W. Moss) *CNC*; Moosehorn L., 25.vii.1960, 27.vii.1960 (W. W. Moss) *CNC*; Mt. Revelstoke Nat. Park, Eva L. trail, 23.vii.1952 (G. J. Spencer) *CNC*; Yoho Nat. Park, Oesa L., 31.viii.1974 (J. Belicek) *UA*. New to B.C.
- Arctopora pulchella* (Banks)
Alaska Hwy., Mile 741, 28.vi.1974 (G. G. E. Scudder) *UBC*; Yoho Nat. Park, Wapta L., Kickinghorse Pass, 26.vii.1966, 10.ix.1966, 12.ix.1966, 25.ix.1966, 11.ix.1968 (A. P. Nimmo) *UA*. New to B.C.
- Asynarchus aldinus* (Ross)
B.C. (Nimmo 1971).
- A. cinnamoneus* Schmid
Wellington (Schmid 1950); Wellington as *Lenarchus* (Schmid and Guppy 1952); Quesnel, Wellington as *Limnephilus* (Ross and Spencer 1952).
- A. lapponicus* Zetterstedt
Terrace, 28.vi.1960 (W. W. Moss) *CNC*. New to B.C.
- A. montanus* Banks
Barkerville as *Limnephilus coneris* Ross (Ross 1950a); Barkerville as *L. batchewana* Denning (Ross and Spencer 1952); eastern B.C. as *Asynarchus curtus* (Nimmo 1971).

Glacier Nat. Park, Glacier Mountain Creek, 21-27.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Lower Post, 17.viii.1948 (W. R. Mason) *CNC*; Mt. Revelstoke, 12.viii.1952 (G. J. Spencer) *CNC*; Pete L., 19.viii.1960 (W. R. Mason) *CNC*; Yoho Nat. Park, Kickinghorse Pass, lake at summit, 5.viii.1968 (A. P. Nimmo) *UA*; Yoho Nat. Park, Kickinghorse Pass, Wapta L., 10.ix.1966, 12.ix.1966, 11.ix.1968 (A. P. Nimmo) *UA*.

A. mutatus (Hagen)

B.C. (Nimmo 1971).
Atlin, 13.vii.1955 (H. J. Huckell) *CNC*.

Chyranda centralis (Banks)

Forbidden Plateau (Schmid and Guppy 1952); Fernie, Tahumming (Ross and Spencer 1952); Kootenay Nat. Park (Wiggins 1963); Marion L. (Winterbourn 1971a); B.C. (Nimmo 1971).

Fernie, Mt. Fernie camp, 23-24.vii.1970 (R.O.M. Fld. Pty.) *ROM*; Field, 6.viii.1953 (H. H. Ross) *INHS*; Garibaldi Prov. Park, Diamond Head trail, 30.viii.1953 (W. R. M. Mason) *CNC*; Hope Mts., 6.viii.1932, 14.viii.1932 (A. N. Gartrell) *CNC*; Jesmond, 18.vii.1938, 8.ix.1938 (J. K. Jacob) *CNC*; Kamloops, Lloyds Creek, Paul L. road, 20.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Marion L., 12.vi.1969, 10.ix.1969 (M. Winterbourn) *CNC*; Mt. Revelstoke, 13.viii.1952 (G. P. Holland) *CNC*; Mt. Robson Prov. Park, Robson Creek, 8.x.1967 (A. P. Nimmo) *UA*; 100 Mile House, 28.vi.1938 (G. S. Walley) *CNC*; Pete L., 21.viii.1960 (W. W. Moss) *CNC*; Terrace, Mt. Thornhill, 8.viii.1960 (G. H. Mason) *CNC*; Westwick L., light trap, 12.viii.1975 (J. R. Spence) *UBC*.

Chilostigma alascense Banks

Vancouver (Anon. 1907).

Clistoronia flavicollis (Banks)

Vancouver Is. as *Limnophilus* (Schmid 1951).
Hope Mts., 14.vii.1932 (A. N. Gartrell) *CNC*;
Vancouver, Grouse Mt., 15.vii.1936 (H. H. Ross) *ROM*.

C. magnifica (Banks)

Wellington as *Discosmoecus* (Anon 1906); Mt. Benson, Wellington (Schmid and Guppy 1952); Marion L. (Winterbourn 1971a); B.C. (Nimmo 1971, Wiggins 1977).

Atlin, 31.vii.1955 (B. A. Gibbard) *CNC*; Boleyn L., vii-viii.1950 (D. K. Campbell) *UBC*; Cultus L., 19.vi.1969 (R.O.M. Fld. Pty.) *ROM*; Forbidden Plateau, 10.viii.1950, 15.viii.1950 (R. Guppy) *CNC*; Haney, Loon L., 7-10.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Marion L., 21.v.1969, 22.vi.1969, 31.v.1969 (M. Winterbourn) *CNC*; Mons, Alta L., 11.vi.1926 (J. McDunnough) *CNC*; Vancouver, 30.ix.1951 (A. L. Turnbull) *CNC*.

Clostoea disjuncta (Banks)

Bon Accord as *Anisogamus* (Banks 1914, Gibson 1915, Ross 1938a); Bon Accord, Vancouver (Ross

and Spencer 1952); Mt. Benson, Wellington (Schmid and Guppy 1952).

Galiano Is., N end, 21.v.1973 (G. G. E. Scudder) *UBC*.

Cryptochia furcata Denning

Selkirk Mts., Sawmill Creek, W of Wycliffe (Denning 1953).

C. pilosa (Banks)

Chilliwack distr. (Ross and Spencer 1952); Wellington (Schmid and Guppy 1952).

Dicosmoecus atripes (Hagen)

Wellington as *D. nigrescens* Banks (Schmid and Guppy 1952); Brem R., Hat Creek, Indian R., Merritt, Vancouver (Ross and Spencer 1952); Marion L. (Winterbourn 1971a); B.C. (Nimmo 1971).

D'Arcy, 19.viii.1969 (J. L. Gordon) *UBC*; Clinton, Loon L. road, larvae, 12.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Fenton L., 9.viii.1963 (W. A. Low) *ROM*; Golden, 20 mi. N, larvae, 20-22.vii.1970 (R.O.M. Fld. Pty.) *ROM*; Manning Prov. Park, Similkameen R., Coldstream camp, larvae, 7.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Nelson, 6.ix.1966 (J. Shepard) *UBC*; Robson, 29.x.1939 (H. R. Foxlee) *CNC*.

D. gilvipes (Hagen)

Quesnel L. as *Stenophylax* (Hagen 1875); Cameron L. (Anon 1906); Quesnel L. (Ross 1938a); Arrowhead L., Cultus L., Quesnel L., Penticton, Wellington (Banks 1943); Arrowhead L., Cultus L., Merritt, Penticton, Quesnel L., Vancouver, Wellington (Ross and Spencer 1952); Millstone R., Nanaimo, Wellington (Schmid and Guppy 1952).

Clinton, 0.25 mi. S of Loon L., larvae, 14.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Cowichan L., viii.1940 (C. P. Idyll) *ROM*; Cultus L., 30.ix.1932 (W. E. Ricker) *CNC*; Mt. Benson, 7.x.1953 (R. Guppy) *CNC*; Nanoose Creek, 4.x.1951 (R. Guppy) *CNC*.

D. jucundus Banks

B.C. (Nimmo 1971).

Ecclisocosmoecus scylla (Milne)

Cultus L., Hope Mts., Mt. Apex (Summerland) as *Ecclisomyia* (Milne 1935); Cultus L., Hope, Summerland as *Ecclisomyia* (Ross 1950a); Blue L., Cultus L., Hope Mts., Mt. Apex (Summerland) as *Ecclisomyia* (Ross and Spencer 1952).

Garibaldi Prov. Park, Diamond Head trail, 8.viii.1953 (Mason) *CNC*.

Ecclisomyia conspersa Banks

Cultus L., Glacier, Keremeos, Nanaimo (Ross 1950a); Cultus L., Glacier, Hope (17 mi. E) (Ross and Spencer 1952); Wellington (Schmid and Guppy 1952); Forbidden Plateau (Hardy 1955) Yoho Nat. Park, Kickinghorse campground (Nimmo 1971).

Alaska Hwy., Mile 392, Summit L., 1.vii.1959 (E. E. MacDougall) *CNC*; Allison Pass, 3.vii.1965

(F. Schmid) *CNC*; Atlin, 28.vii.1955 (H. J. Huckell) *CNC*; Cameron L., 11.vi.1952, 11.vi.1953 (R. Guppy) *CNC*; Errington, 18.iv.1952 (R. Guppy) *CNC*; Forbidden Plateau, 10.viii.1950 (R. Guppy) *CNC*; Glacier Nat. Park, Trans-Can. Hwy., Cougar Creek, 11.viii.1967 (A. P. Nimmo) *UA*; Grand Forks, 4.vii.1965 (F. Schmid) *CNC*; Kitchener, 19.v.1965 (F. Schmid) *CNC*; Kootenay Nat. Park, Kootenay R. Crossing, 14.vi.1967 (A. P. Nimmo) *UA*; Lemon Creek, 31.vii.1967 (J. H. Shepard) *UBC*; Midway, 22.v.1965 (F. Schmid) *CNC*; Mt. Robson Prov. Park, Hwy. 16, Ghita Creek, 15.vi.1975 (A. P. Nimmo) *UA*; Rock Creek, Hwy. 3, 4.vii.1965 (F. Schmid) *CNC*; Salmo, 4.vii.1965 (F. Schmid) *CNC*; Skagit camp, 3.vii.1965 (F. Schmid) *CNC*.

E. maculosa Banks

Fernie (Ross 1950a, Ross and Spencer 1952); eastern B.C. (Nimmo 1971).

Fernie, Hwy. 3, Fairy Creek, 12.viii.1967 (A. P. Nimmo) *UA*; Field, 6.viii.1953 (H. H. Ross) *CNC*.

Glyphopsyche irrorata (Fabricius)

Wellington as *G. bryanti* Banks (Banks 1904, Anon 1906, Ross 1938a); Victoria as *G. bryanti* (Anon 1907); Goldstream, Wellington (Schmid and Guppy 1952, Ross and Spencer 1952); Marion L. (Winterbourn 1971a); B.C. (Nimmo 1971).

Alberni, larvae, 24.vi.1969 (R.O.M. Fld. Pty.) *ROM*; Cultus L., 13.iii.1935 (W. E. Ricker) *CNC*; Harrison Hot Springs, 29.iii.1958 (S. G. Jewett) *ROM*; Queen Charlotte Is., Yakoun R., 29.iii.1969 (T. Koslev) *UBC*; Wyndell, 8.x.1977 (R. Roughley) *UA*.

Goeracea genota (Ross)

Cultus L., Port Renfrew, Victoria (Wiggins 1973).

Grammotaulius betteni Hill-Griffin

B.C. (Denning 1941a, Milne 1935); Wellington (Schmid and Guppy 1952); Agassiz, Eburne, Saanich distr. (Ross and Spencer 1952).

G. interregationis (Zetterstedt)

Wellington as *G. praecox* Hagen (Anon 1906); Lower Post, Rolla, Trinity Valley (Ross and Spencer 1952); eastern B.C. (Nimmo 1971).

Cariboo, Springhouse, 3.viii.1977 (J. R. Spence) *UBC*; Yoho Nat. Park, Kickinghorse Pass, Wapta L., 12.ix.1966 (A. P. Nimmo) *UA*.

Halesochila taylora (Banks)

Wellington as *Halesus* (Banks 1904, Anon 1906); Wellington as *Glyphopsyche* (Ross 1938a); Wellington (Schmid and Guppy 1952); Vancouver, Wellington (Ross and Spencer 1952); Marion L. (Winterbourn 1971a).

Haney, Gwendoline L., 8.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Thetis Is., reared, 19.v.1967 (R. Guppy) *CNC*.

Hesperophylax designatus (Walker)

Wellington as *Platyphylax* (Anon 1906); Okanagan, near Beaver L. (Clemens *et al.* 1939); Forbidden Plateau, Wellington (Schmid and Guppy 1952).

H. incisus (Banks)

Wellington (Banks 1943); Canim L., Fernie, Hat Creek, Lillooet, Merritt, Nicola, Penticton, Pavilion L., Upper Peace R., Wellington (Ross and Spencer 1952); B.C. (Nimmo 1971).

Vernon, 19.iii.1936 *UBC*.

H. occidentalis (Banks)

Mt. Benson, Wellington (Schmid and Guppy 1952); Gold R. (Ross and Spencer 1952); B.C. (Nimmo 1971).

Homophylax andax Ross

Pitt Meadows (Ross and Spencer 1952).

Garibaldi Prov. Park, Diamond Head trail, 26.viii.1953, 28.viii.1953 (E. Mason) *CNC*; Kitchener, 5.vii.1965 (F. Schmid) *CNC*; Mt. Arrowsmith, 5.vii.1958, 29.vii.1962 (R. Guppy) *CNC*; Mt. Revelstoke Nat. Park, Mt. Harry, 21.viii.1952 (G. J. Spencer) *CNC*; Port Alberni, Robertson Creek, 26.vi.1969 (R.O.M. Fld. Pty.) *ROM*.

H. crotchii Banks

Victoria (Banks 1920, Ross 1938a), (Ross and Spencer 1952); Vancouver Is. (Criddle and Curran 1923); Vavenby (Denning 1964); B.C. (Nimmo 1971).

Mt. Revelstoke, 9.viii.1952, 17.viii.1952 (G. J. Spencer) *CNC*.

H. flavipennis Banks

Nicolium R. (Anon 1907).

Hydatophylax hesperus (Banks)

Departure Bay as *Stenophylax* (Banks 1914, Gibson 1915); Departure Bay, N. Vancouver (Ross and Spencer 1952).

Imania bifosa Ross

Glacier (Ross 1950a, Ross and Spencer 1952); B.C. (Nimmo 1971).

Mt. Revelstoke Nat. Park, Eva L., 6500 ft., 23.vii.1952 (G. P. Holland) *CNC*; Mt. Revelstoke Nat. Park, Eva L. trail, 6000 ft., 9.vii.1952, 23.vii.1952 (G. J. Spencer) *CNC*; Mt. Revelstoke Nat. Park, Miller-Eva Lakes, 6300 ft., 13.vii.1952 (G. J. Spencer) *CNC*; Terrace, Mt. Thornhill, 26.vii.1960 (B. Heming) *CNC*.

I. cascadis Ross

Mt. Revelstoke Nat. Park, Eva L. trail, 5800 ft., 9.vii.1952 (G. J. Spencer) *CNC*. New to B.C.

I. tripunctata (Banks)

Glacier as *Allomyia* (Denning 1948); Wellington (Ross 1950a, Ross and Spencer 1952); Revelstoke Nat. Park (Schmid 1968); B.C. (Nimmo 1971).

- Fernie, 17.v.1965 (F. Schmid) *CNC*; Mt. Revelstoke Nat. Park, Jade L. trail, 29.vii.1952 (G. J. Spencer) *CNC*.
- Lenarchus brevipennis* Banks
Ketchum L., 26.viii.1960 (W. W. Moss) *CNC*. New to B.C.
- L. crassus* (Banks)
D'Arcy, light trap, 18.viii.1969, 19.viii.1969 (J. L. Gordon) *UBC*. New to B.C.
- L. fautini* Denning
Barkerville (Ross and Spencer 1952); B.C. (Nimmo 1971).
Wildmare Creek, S of Chetwynd, 9.vii.1974 (G. G. E. Scudder) *UBC*.
- L. gravidus* Hagen
Wellington (Anon 1906).
- L. rho* (Milne)
Agassiz, Bon Accord, Gulf of Georgia, Quesnel L., Victoria, Wellington as *Limnephilus* (Milne 1935); Wellington (Schmid and Guppy 1952); Agassiz, Bon Accord, Gulf of Georgia, Quesnel, Victoria, Wellington (Ross and Spencer 1952).
Cowichan L., 10.vi.1940 (J. Gonnarson), 29.vi.1941 (K. Graham) *CNC*; French Creek, 13.x.1952 (R. Guppy) *CNC*; Galiano Is., N end, light trap, 23.viii.-1.ix.1973, 18.vii.1976 (G. G. E. Scudder), 30.vii.1976 (G. T. A. Scudder) *UBC*; Mt. Arrowsmith, 12.vii.1951, 26.vii.1960 (R. Guppy) *CNC*; Parksville, 5.ix.1951 (R. Guppy) *CNC*; Pender Is., light trap, 15.viii.1969 (J. L. Gordon) *UBC*; Port Alberni, 24-25.vi.1969 (R.O.M. Fld. Pty.) *ROM*; Terrace, 4.viii.1960 (B. S. Heming) *CNC*.
- L. vastus* (Hagen)
Wellington (Schmid and Guppy 1952); Cowichan L., Departure Bay, Vancouver (Ross and Spencer 1952); Marion L. (Winterbourn 1971a); B.C. (Nimmo 1971).
Alaska Hwy., Mile 392, Summit L., 30.vii.1959 (E. E. MacDougall) *CNC*; Bolean L., vii-viii.1950 (D. K. Campbell) *UBC*; Bridge L., ix.1949 (W. Vipond) *CNC*; Fernie, Mt. Fernie camp, 23-24.vii.1970 (R.O.M. Fld. Pty.) *ROM*; Forbidden Plateau, 15.vii.1931 (J. D. Gregson) *CNC*; Galiano Is., N end, light trap, 23.viii.-1.ix.1973 (G. G. E. Scudder) *UBC*; Haines Hwy., Three Guardsmen Pass, 26.vi.1958 (G. E. Ball) *UA*; Lytton, Blue L., 4.viii.1938 (J. K. Jacob) *CNC*; Mt. Revelstoke, 18.viii.1952 (G. J. Spencer) *CNC*; Okanagan L., 29.viii.1935 *CNC*; Pete L., 21.viii.1960 (W. W. Moss) *CNC*; Queen Charlotte Is., Masset, 20.vii.1957 (E. E. MacDougall) *CNC*; Queen Charlotte Is., Tiell, 27.vii.1957 (E. E. MacDougall) *CNC*; Terrace, 23.vii.1960, 29.vii.1960, 1.viii.1960, 2.viii.1960, 3.viii.1960, 4.viii.1960, 5.viii.1960, 8.viii.1960, 9.viii.1960, 12.viii.1960, 13.viii.1960, 15.viii.1960, 16.viii.1960, 17.viii.1960, 20.viii.1960 (B. S. Heming) *CNC*; Terrace, Mt. Thornhill, 21.vi.1960 (J. G. Chillcott) *CNC*; Thetis Is., 14.v.1965, viii.1966 (R. Guppy) *CNC*; Westwick L., light trap, 27-28.v.1962 (G. G. E. Scudder) *UBC*.
- Limnephilus acula* Ross and Merkley
Nicola (Ross and Merkley 1952).
- L. alberta* Denning
Yellowhead Pass, 22.viii.1968 (A. P. Nimmo) *UA*; Yoho Nat. Park, Kickinghorse Pass, Wapta L., 26.vii.1966, 10.ix.1966 (A. P. Nimmo) *UA*. New to B.C.
- L. canadensis* Banks
Fort St. John, pond near Charlie L., 7-8.vii.1974 (G. G. E. Scudder) *UBC*. New to B.C.
- L. cerus* Ross and Spencer
Cultus L., Duncan (Ross and Spencer 1952).
- L. concolor* Banks
Wellington (Anon 1906).
- L. externus* Hagen
Wellington as *L. luteolus* Banks (Anon 1906); Paul L. as *L. oslari* Banks (Rawson 1934); Wellington (Schmid and Guppy 1952); Cowichan L., Kamloops, Lac du Bois, Lower Post, Nicola, Summerland (Ross and Spencer 1952); eastern B.C. (Nimmo 1971).
Atlin, 18.viii.1955 (R. J. Huckell) *CNC*; Cariboo, Springhouse (Sp. 2), 26.viii.1975 (J. R. Spence) *UBC*; Cariboo, Springhouse, 10.vii.1977, 12.vii.1977, 15.viii.1977, 11.ix.1977 (J. R. Spence) *UBC*; Chilcotin, Becher's Prairie, 22.ix.1962 (G. G. E. Scudder) *UBC*; Clinton, Loon L., 14.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Creston, 12.ix.1923 (C. S. Lallamand) *CNC*; Galiano Is., N end, light trap, 11.vii.1973, 16-25.vii.1973, 23.viii.-1.ix.1973, 20.viii.1976 (G. G. E. Scudder) *UBC*; Holden L., Cedar, 5.ix.1967 (R. Guppy) *CNC*; Hosmer, Hwy. 3, 13.ix.1958 (R. E. Leech) *CNC*; Kamloops, Paul L., 16.vii.1969 (R.O.M. Fld. Pty.) *ROM*; McClinchy Creek, 3.ix.1977 (D. H. Spence) *UBC*; Mt. Robson, Hwy. 16, 30.viii.1975 (A. P. Nimmo) *UA*; Riske Creek, 17.viii.1977 (J. R. Spence) *UBC*; near Shuswap Station, 18.x.1958 (G. G. E. Scudder) *UBC*; Summerland, Fish L.,² 8.ix.1932 (A. N. Gartrell) *CNC*; Terrace, 23.vii.1960, 16.viii.1960 (B. S. Heming) *CNC*; Terrace, Shanes, 24.vii.1960 (C. H. Mann) *CNC*; Thetis Is., 15.viii.1965 (R. Guppy) *CNC*; Westwick L., 30.viii.1962 (G. G. E. Scudder) *UBC*; Westwick L., light trap, 3.ix.1975, 5.ix.1975 (J. R. Spence) *UBC*; Yellowhead Pass, 22.viii.1968, 11.ix.1968, 21.ix.1968, 30.viii.1975 (A. P. Nimmo) *UA*; Yoho Nat. Park, Hector, Sink L., 31.viii.1975 (A. P. Nimmo) *UA*; Yoho Nat. Park, Kickinghorse Pass, Wapta L., 10.ix.1966, 25.ix.1966, 11.ix.1968 (A. P. Nimmo) *UA*.

² The official name is Darke L.

L. fagus Ross

Cultus L. (Ross and Spencer 1952).
Thetis Is., v.1966 (R. Guppy) *CNC*.

L. femoralis (Kirby)

B.C. (Nimmo 1971).

L. flavestellus Banks

Wellington (Banks 1918, Ross 1938a, Ross and Spencer 1952); B.C. (Banks 1943); Forbidden Plateau (Schmid and Guppy 1952, Hardy 1955).

L. hageni Banks

Yoho Nat. Park, Kickinghorse Pass, Wapta L., 10.ix.1968 (A. P. Nimmo) *UA*. New to B.C.

L. harrimani Banks

Bon Accord as *L. aequalis* Banks (Banks 1914, Ross 1938a); Wellington (Schmid and Guppy 1952); Bon Accord, N. Vancouver, W. Vancouver (Ross and Spencer 1952).

Fernie, Mt. Fernie camp, 23-24.vii.1970 (R.O.M. Fld. Pty.) *ROM*; Marion L., 19.viii.1969 (M. Winterbourn) *CNC*; Nanaimo, 22.vii.1957 (Canada Agriculture) *CNC*.

L. hyalinus Hagen

Quesnel L., Vernon (Banks 1943); Nicola, 100 Mile House, Quesnel, Shuswap, Vernon, Fort St. James (N of) (Ross and Spencer 1952); eastern B.C. (Nimmo 1971).

Big Bend Hwy., Kinbasket R., Kinbasket, 11.viii.1967 (A. P. Nimmo and I. P. Hetherington) *UA*; Cariboo, Springhouse, 10.vii.1977, 22.vii.1977 (J. R. Spence) *UBC*; Chilcotin, Becher's Prairie (Cr. PH), 14.vii.1962 (G. G. E. Scudder) *UBC*; Fraser Lake village, 13.vi.1958 (G. E. Ball) *CNC*; Jesmond, 18.vii.1923 (E. R. Buckell) *CNC*; Soda Creek, 23-30.vii.1950 (G. J. Spencer) *UBC*; Westwick L., 17.viii.1962 (G. G. E. Scudder) *UBC*; Windermere, 2.viii.1969 (R.O.M. Fld. Pty.) *ROM*.

L. indivisus Walker

Wellington (Anon 1906, Schmid and Guppy 1952); Chilcotin, Middy Valley, Mission, Nicola, Soda Creek (Ross and Spencer 1952); B.C. (Nimmo 1971).

Crowsnest Pass, Hwy. 3, 8 mi. W of Coleman (Alberta), 30.viii.1955 (G. E. Ball) *UA*; Galiano Is., N end, light trap, 11.vii.1973, 23.viii.-1.ix.1973 (G. G. E. Scudder) *UBC*; Mission City, 28.vi.1953 (G. J. Spencer) *CNC*; Rolla, 1.vii.1927, 2.vii.1927 (P. N. Vroom) *CNC*.

L. infernalis (Banks)

Alexis Creek, 5.ix.1977 (J. R. Spence) *UBC*; Chilanko Forks, 30.viii.1977 (J. R. Spence) *UBC*; Crowsnest Pass, 8 mi. W of Coleman (Alberta), 30.viii.1955 (G. E. Ball) *UA*; Springhouse (Sp. 2), 29.viii.1975 (J. R. Spence) *UBC*; Telegraph Creek, Sawmill L., 28.viii.1960 (R. Pilfrey) *CNC*. New to B.C.

L. insularis Schmid

Wellington (Schmid and Guppy 1952); Barkerville, Wellington (Ross and Spencer 1952); B.C., Vancouver Is. (Nimmo 1977).

Thetis Is., v.1967 (R. Guppy) *CNC*.

L. janus Ross

Fort St. John, pond near Charlie L., 7-8.vii.1974 (G. G. E. Scudder) *UBC*; Riske Creek, 20.vii.1977 5.viii.1977 (J. R. Spence) *UBC*; Springhouse, 22.vii.1977, 26.vii.1977, 10.viii.1977 (J. R. Spence) *UBC*. New to B.C.

L. kennicotti Banks

Eastern B.C. (Nimmo 1971).

Alaska Hwy., Mile 392, Summit L., 19-21.viii.1959 (E. E. MacDougall) *CNC*; Ketchum L., 23.viii.1960 (W. W. Moss) *CNC*; Yoho Nat. Park, Kickinghorse Pass, Wapta L., 10.ix.1966, 12.ix.1966, 25.ix.1966, 11.ix.1968 (A. P. Nimmo) *UA*.

L. labus Ross

Langford, 21.vii.1958, 24.vii.1958, 29.vii.1958 (Canada Agriculture) *CNC*. New to B.C.

L. lopho Ross

Forbidden Plateau (Schmid and Guppy 1952, Hardy 1955); Barkerville, Hedley, Hope Mts., Revelstoke (Ross and Spencer 1952); B.C. (Nimmo 1971).

L. lunonus Ross

French Creek, 4.xi.1952 (R. Guppy) *CNC*; Wellington, 14.ix.1948, 7.ix.1950, 2.x.1951, 11.x.1951, 17.viii.1952 (R. Guppy) *CNC*. New to B.C.

L. minusculus (Banks)

Yoho Nat. Park, Kickinghorse Pass, Wapta L., 16.vii.1967 (A. P. Nimmo) *UA*. New to B.C.

L. moestus Banks

Lakelse L. bog, S of Terrace, 5.viii.1960 (W. R. Richards) *CNC*; Prince Rupert, 3.vii.1924 (E. R. Buckell), 4.vi.1960 (R. Pilfrey) *CNC*; Yoho Nat. Park, Kickinghorse Pass, Wapta L., 26.vii.1966 (A. P. Nimmo) *UA*. New to B.C.

L. morrisoni Banks

Wellington (no other data) *CNC*. New to B.C.

L. nogus Ross

Wellington (Schmid and Guppy 1952); Arvas, Chilwack, Cultus L., Departure Bay, Eburne, Haney, New Westminster, Vancouver (Point Grey) (Ross and Spencer 1952); Hosmer (Nimmo 1971).

Lagoon, 10.iii.1932 (G. C. Carl) *CNC*; Langford, 30.ix.1930 (W. Downes) *CNC*; Munday L., 17.ix.1935 (W. Tomkinson) *UBC*; Queen Charlotte Is., Moresby camp, 1.vi.1957 (E. E. MacDougall) *CNC*; Thetis Is., 19.v.1967 (R. Guppy) *CNC*; Vancouver, 3.x.1976 (G. G. E. Scudder) *UBC*; Westwick L., at light, 27-28.v.1962 (G. G. E. Scudder) *UBC*.

L. occidentalis Banks

Wellington (Banks 1908, Ross 1938a, Schmid and Guppy 1952); Duncan, Kamloops (Ross and Spencer 1952).

Kamloops, Lac du Bois, 18.vi.1963 (G. J. Spencer) *UBC*; Manning Prov. Park, Hwy. 3, 2 mi. E of park headquarters, viii.1969 (reared) (R.O.M. Fld. Pty.) *ROM*; Shawnigan L., 16 mi. W on Port Renfrew road, vii.1969 (reared) (R.O.M. Fld. Pty.) *ROM*; Tofino, Hwy. 4, 38 mi. E, 21.vi.1969 (R.O.M. Fld. Pty.) *ROM*; Vancouver, to light, x.1958 (G. G. E. Scudder) *UBC*.

L. partitus Walker

Wellington as *Goniotaulus* (Anon 1906); B.C. as *L. adustus* Banks (Banks 1943).

Alaska Hwy., Mile 392, Summit L., 19-20.viii.1959 (E. E. MacDougall) *CNC*.

L. perpusillus (Walker)

Eastern B.C. (Nimmo 1971).

Chilanko Forks, 30.viii.1977 (J. R. Spence) *UBC*; Natal, Hwy. 3, Michel Creek, 12.viii.1967 (A. P. Nimmo) *UA*.

L. picturatus McL.

Alaska Hwy., Mile 392, Summit L., 12-21.viii.1959 (E. E. MacDougall) *CNC*; Ketchum L., 23.viii.1960 (W. W. Moss), 26.viii.1960 (R. Pilfrey) *CNC*. New to B.C.

L. sansoni Banks

Eastern B.C. (Nimmo 1971).

Mt. Robson, Hwy. 16, 30.viii.1975 (A. P. Nimmo) *UA*; Yellowhead Pass, 11.ix.1968, 30.viii.1975 (A. P. Nimmo) *UA*; Yoho Nat. Park, Hector, Sink L., 31.viii.1975 (A. P. Nimmo) *UA*; Yoho Nat. Park, Kickinghorse Pass, Wapta L., 10.ix.1966, 25.ix.1966, 5.viii.1968, 11.ix.1968 (A. P. Nimmo) *UA*.

L. secludens Banks

Penticton (Banks 1914, Gibson 1915); Wellington as *Colpotaullus* (Schmid and Guppy 1952); Aspen Grove, Chilcotin, Fernie, Jesmond, Kamloops, Lower Post, Merritt, Nicola, 100 Mile House, Penticton, Rolla, Soda Creek (Ross and Spencer 1952); B.C. (Nimmo 1971).

Atlin, 31.vii.1955, 14.viii.1955 (H. J. Huckell) *CNC*; Fraser Lake village, 13.vi.1958 (G. E. Ball) *CNC*; Springhouse, 10.vii.1977, 21.vii.1977, 3.viii.1977, 10. viii.1977 (J. R. Spence) *UBC*; Westwick L., 30.viii.1962 (G. G. E. Scudder) *UBC*; Westwick L., light trap, 15.vii.1975 (J. R. Spence) *UBC*.

L. sericeus (Say)

Wellington (Schmid and Guppy 1952); Australian, Barkerville, Chilcotin, Hat Creek, Kamloops, Quesnel, Shuswap Narrows, Soda Creek (Ross and Spencer 1952); eastern B.C. (Nimmo 1971).

Alaska Hwy., Mile 392, Summit L., 19-21.viii.1959 (E. E. MacDougall) *CNC*; Cowichan L., 29.v.1941 (K. Graham) *CNC*; Creston, Summit Creek, 28.vi.1958 (H. and A. Howden) *CNC*; Ketchum L., 23.viii.1960 (W. W. Moss) *CNC*; Rogers Pass summit, 15.ix.1966 (G. G. E. Scudder) *UBC*; Springhouse, 11.ix.1977 (J. R. Spence) *UBC*; Summerland, Fish L., 7.ix.1932 (A. N. Gartrell) *CNC*; Telegraph Creek, Sawmill L., 28.viii.1960 (R. Pilfrey) *CNC*; Terrace, 15.viii.1960, 16.viii.1960, 17.viii.1960, 18.viii.1960 (B. S. Heming) *CNC*; Thetis Is., 10.v.1967 (R. Guppy) *CNC*; Westwick L., 30.viii.1962 (G. G. E. Scudder) *UBC*; Westwick L., light trap, 15.vii.1975 (J. R. Spence) *UBC*; Yoho Nat. Park, Kickinghorse Pass, Wapta L., 10.ix.1966, 11.ix.1968 (A. P. Nimmo) *UA*.

L. sitchensis Kolenati

Wellington (Anon 1906, Schmid and Guppy 1952); Cowichan L., Departure Bay, Hatzic Prairie, Wellington as *L. pacificus* Banks (Ross and Spencer 1952).

Cultus L., 18.x.1938 (J. K. Jacob) *CNC*; Forbidden Plateau, 13.vii.1935 (J. D. Gregson) *CNC*; Hope, 20.x.1917 (W. B. Anderson) *CNC*; Lakelse L., 12.viii.1960 (B. S. Heming) *CNC*; Lisadale L., 6.viii.1960 (W. W. Moss) *CNC*; Moosehorn L., 27.vii.1960 (W. W. Moss) *CNC*; Mt. Revelstoke, 12.vii.1952 (G. P. Holland) *CNC*; Shawnigan L., 2.3 mi. W on Port Renfrew road, vii.1969 (reared) (R.O.M. Fld. Pty.) *ROM*; Terrace, 13.viii.1960, 16.viii.1960, 20.viii.1960 (B. S. Heming) *CNC*; Thetis Is., 14.v.1965 (R. Guppy) *CNC*; Tunjony L., 22.vii.1960 (W. W. Moss) *CNC*.

L. spinatus Banks

Chilanko Forks, 30.viii.1977 (J. R. Spence) *UBC*; Thetis Is., v.1966 (R. Guppy) *CNC*. New to B.C.

L. sublumatus Provancher

Eastern B.C. (Nimmo 1971).

Kimberley, 27.viii.1955 (G. E. Ball) *UA*.

L. sylviae Denning

Mt. Seymour, Vancouver (Ross and Spencer 1952).

L. tarsalis (Banks)

Kamloops, Quesnel (Ross and Spencer 1952).

L. valhalla Nimmo

Eastern B.C. (Nimmo 1971).

Yoho Nat. Park, Kickinghorse Pass, Wapta L., 10.viii.1967 (A. P. Nimmo) *UA*.

Nemotaullus hostilis (Hagen)

Cariboo as *Glyphotaellus* (Ross and Spencer 1952); B.C. (Nimmo 1971).

Creston, Summit Creek, 28.vi.1958 (H. and A. Howden) *CNC*; Marion L. (larvae) (M. Winterbourn) *CNC*; Terrace, 17.vii.1960 (B. S. Heming) *CNC*.

Neophylax occidentis Banks

Allison Pass, 3.vii.1965 (F. Schmid) *CNC*; Hope, 2.vii.1965 (F. Schmid) *CNC*; Manning Prov. Park, Coldspring camp, 6.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Rock Creek, Hwy. 3, 4.vii.1965 (F. Schmid) *CNC*. New to B.C.

N. rickeri Milne

Cultus L., Oliver (Milne 1935); Chase R., Nanaimo, Nanoose Creek, Wellington (Schmid and Guppy 1952); Cultus L. (Ross and Spencer 1952); B.C. (Nimmo 1977).

Clinton, Loon L. road, larvae, 12.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Craigellachie, Eagle R., larvae, 25.vii.1963 (G. B. Wiggins) *ROM*; Garibaldi Prov. Park, Diamond Head trail, 30.viii.1953 (S. D. Hicks) *CNC*; Kimberley, N on Hwy. 93, 24.vi.1962 (G. B. Wiggins) *ROM*; Langford, 4.ix.1957, 6.ix.1957, 11.ix.1957, 13.ix.1957, 17.ix.1958, 23.ix.1959, 24.ix.1959, 25.ix.1959, 29.ix.1959, 1.x.1959 (Canada Agriculture) *CNC*; Oliver, 23.ix.1923 (C. B. Garrett) *CNC*; Victoria, Goldwater camp, larvae, 27-28.vi.1969 (R.O.M. Fld. Pty.) *ROM*.

N. splendens Denning

Clinton, Loon L. road, larvae, 12.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Cultus L., larvae, 20.vi.1969 (R.O.M. Fld. Pty.) *ROM*; Fernie, Lizard Creek, larvae, 24.vi.1962 (G. B. Wiggins) *ROM*; Kamloops, Lloyds Creek, Paul L. road, larvae, 20.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Revelstoke, 18 mi. W, Stream Griffin L., larvae, 25.vii.1963 (G. B. Wiggins) *ROM*; Shawnigan L., 2 mi. W, Port Renfrew road, larvae, 28.vi.1969 (R.O.M. Fld. Pty.) *ROM*; Strathcona Prov. Park, 8 mi. E, larvae, 22.vi.1969 (R.O.M. Fld. Pty.) *ROM*; Victoria, Goldstream camp, larvae, 27.vi.1969 (R.O.M. Fld. Pty.) *ROM*; Wellington, larvae, 22.vii.1963 (G. B. Wiggins) *ROM*. New to B.C.

Neothremma alicia Banks

Eastern B.C. (Nimmo 1971).
Fernie, Hwy. 3, 6 mi. W, larvae, 24.vii.1970 (R.O.M. Fld. Pty.) *ROM*; Field, 6.viii.1953 (H. H. Ross) *INHS*; Glacier Nat. Park, Hwy. 1, near Rogers Pass summit, larvae, 15.vii.1969 (G. B. Wiggins) *ROM*; Mica Dam, 21 mi. S, Hwy. 23, larvae, 27.vii.1969 (R.O.M. Fld. Pty.) *ROM*.

N. didactyla Ross

Allison Pass summit, 1 mi. W, Hwy. 3, larvae, 6.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Manning Prov. Park, Hwy. 3, 5 mi. W of park headquarters, larvae, 19.vi.1969 (R.O.M. Fld. Pty.) *ROM*. New to B.C.

Oligophlebodes ruthae Ross

Barkerville (Ross and Spencer 1952); eastern B.C. (Nimmo 1971).
Fernie, larvae, 23-24.vii.1970 (R.O.M. Fld. Pty.) *ROM*; Yoho Nat. Park, Takakkaw Falls, 14.viii.1952 (W. E. Ricker) *CNC*.

O. sierra Ross

Hope, 17 mi. E (Ross and Spencer 1952); B.C. (Nimmo 1971).

Onocosmoecus frontalis (Banks)

Thornhill Mt. (Terrace) as *Drusinus* (Banks 1943); Terrace as *Drusinus* (Ross and Spencer 1952).

Hope Mts., 6000 ft., 14.viii.1932 (A. N. Gartrell) *CNC*.

O. occidentalis (Banks)

Cultus L., Fernie, Wellington as *Dicosmoecus* (Banks 1943); Cultus L., Fernie, Quesnel, Wellington as *Dicosmoecus* (Ross and Spencer 1952).

Atlin, 17.viii.1955 (H. J. Huckell) *CNC*; Harrison L., N on Lillooet R., 6.x.1906 (E. E. Price) *CNC*; Jesmond, 1.ix.1938 (J. K. Jacob) *CNC*; Lower Post, 16.viii.1948, 19.viii.1948 (W. R. Mason) *CNC*; Stanley, 9.ix.1931, 15.viii.1937 (W. G. Mathers) *CNC*; Terrace, 1.viii.1960, 4.viii.1960, 5.viii.1960, 7.viii.1960, 9.viii.1960, 11.viii.1960, 12.viii.1960, 15.viii.1960, 16.viii.1960, 17.viii.1960, 18.viii.1960 (B. Heming) *CNC*.

O. schmidt (Wiggins)

Glacier Nat. Park, Mt. Revelstoke Nat. Park as *Dicosmoecus* (Wiggins 1975).

Golden, 29 mi. N, vii.1970 (reared) (T. Yamamoto) *ROM*; Manning Prov. Park, Hwy. 3, 5 mi. W of park headquarters, larvae, 19.vi.1969 (R.O.M. Fld. Pty.) *ROM*; Manning Prov. Park Hwy. 3, 1 mi. W of Allison Pass summit, larvae, 6.vii.1969 (R.O.M. Fld. Pty.) *ROM*.

O. tristis (Banks)

Wellington as *Asynarchus* (Anon 1906); Chase R., Englishman R., French Creek, Millstone R., Wellington as *Dicosmoecus* (Schmid and Guppy 1952).

O. unicolor (Banks)

B.C. (Nimmo 1971).
D'Arcy, light trap, 18.viii.1969, 19.viii.1969 (J. L. Gordon) *UBC*; Bella Coola, 2.ix.1977 (D. H. Spence) *UBC*; Cultus L., 30.ix.1932 (W. E. Ricker) *CNC*; Glacier Nat. Park, Glacier Mountain Creek camp, 21-27.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Kamloops, Paul L. camp, 16.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Marion L., 8.viii.-19.ix.1969 (M. Winterbourn) *CNC*.

Pedomoecus sierra Ross

B.C. (Wiggins 1977).

Philarctus quaeris (Milne)

Quesnel as *Colpotaulis* (Milne 1935); Kamloops, Quesnel (Ross and Spencer 1952).

Fort St. John, pond near Charlie L., 7-8.vii.1974 (G. G. E. Scudder) *UBC*.

Pseudostenophylax edwardsi (Banks)

B.C. (Wiggins and Anderson 1968).

Psychoglypha alascensis (Banks)

Agassiz, Fraser R., Vancouver, Wellington as *Glyphopsyche ulla* Milne (Milne 1935); Wellington as *P. ulla* (Milne) (Schmid and Guppy 1952, Denning 1970); Cultus L., Jesmond, Wellington as *P. ulla* (Ross and Spencer 1952); Yoho Nat. Park, Wellington as *P. ulla* (Nimmo 1971).

Cameron L., 11.ix.1948, 24.x.1948, 11.iii.1949, 1.iv.1949, 2.ix.1959 (R. Guppy) *CNC*; Lisadale L., 6.viii.1960 (W. W. Moss) *CNC*; Yoho Nat. Park, Kickinghorse camp, 3.x.1967 (A. P. Nimmo) *UA*.

P. bella (Banks)

Wellington as *Glyphopsyche* (Anon 1906); Paul L. (Rawson 1934); French Creek, Nanoose Creek (Schmid and Guppy 1952); Nanaimo (Ross and Spencer 1952).

French Creek, 27.x.1949, 3.xi.1952 (R. Guppy) *CNC*; Ladysmith, Ivy Green Park, 10.x.1967 (R. Guppy) *CNC*; Rock Creek, Hwy. 3, 4.vii.1965 (F. Schmid) *CNC*; Walhachin, Deadman Creek, larvae, 24.vii.1963 (G. B. Wiggins) *ROM*; Wellington, 9.xi.1948, 24.viii.1949, 2.xi.1953 (R. Guppy) *CNC*.

P. rossii Schmid

B.C. (Schmid 1952).

Perry Siding, 11.x.1910 (P. M. Schomberg) *CNC*.

P. schmidii Nimmo

Yoho Nat. Park (Nimmo 1965, 1971).

Fernie, 20.xii.1974 (T. Pike) *UA*; Mt. Robson Prov. Park, Kinney L. trail, 12.x.1968, 11.x.1969 (A. P. Nimmo) *UA*; Yoho Nat. Park, Kickinghorse camp, 14.x.1963 (A. P. Nimmo) *UA*; Yoho Nat. Park, Kickinghorse Pass, Wapta L., 25.ix.1966 (A. P. Nimmo) *UA*.

P. subborealis (Banks)

Wellington as *Chilostigma* (Criddle 1925); French Creek, Wellington as *P. alascensis* Banks (Schmid and Guppy 1952); Langley Park, Merritt, Vancouver (Ross and Spencer 1952); Vernon (Denning 1970); Marion L. as *P. alascensis* (Winterbourn 1971a); B.C. as *P. alascensis* (Nimmo 1971).

Cultus L., 23.iii.1932, 27.ii.1937, 5.iii.1937 (W. E. Ricker) *CNC*; Lillooet, 1940 (A. Phair) *CNC*; Robson, 9.iii.1941 (H. R. Foxlee) *CNC*; Terrace, iv.1933 (Hippisley) *CNC*; Yoho Nat. Park, Kickinghorse Pass, Wapta L., 10.ix.1966, 25.ix.1966 (A. P. Nimmo) *UA*.

Rossiana montana Denning

Manning Park (Schmid 1968).

Manning Prov. Park, Allison Pass, 3.vii.1965 (F. Schmid) *CNC*.

Family Molannidae

Molanna flavicornis Banks

Canim L., Jesmond, Kamloops, 100 Mile House, Quesnel, N of Fort St. James (Ross and Spencer 1952).

Clinton, Hwy. 97, 7 mi. W on Gang Ranch road, 13.vii.1963 (G. B. Wiggins) *ROM*.

Family Philopotamidae

Dolophilodes aequalis (Banks)

Hope, Keremeos, Princeton (Ross and Spencer 1952); eastern B.C. (Nimmo 1974).

Allison Pass, 3.vii.1965 (F. Schmid) *CNC*; Barrière, Hwy. 5, S at Louis Creek, 21.v.1968 (A. P. Nimmo) *UA*; Grand Forks, 4.vii.1965 (F. Schmid) *CNC*; Greenwood, 5 mi. S, Hwy 3, Boundary Creek, 19.v.1968 (A. P. Nimmo) *UA*; Hedley, Hwy. 3, 20-mile Creek, 19.v.1968 (A. P. Nimmo) *UA*; Jaffray, creek on Hwy. 3, 18.v.1968 (A. P. Nimmo) *UA*; Little Fort, creek on Hwy. 5, 21.v.1968 (A. P. Nimmo) *UA*; Midway, 22.v.1965 (F. Schmid) *CNC*; Rock Creek, Hwy. 3, 19.v.1968 (A. P. Nimmo) *UA*; Salmo, 4.vii.1965 (F. Schmid) *CNC*; Skagit camp, 3.vii.1965 (F. Schmid) *CNC*; Yahk, W on Hwy. 3, Meadow Creek, 18.v.1968 (A. P. Nimmo) *UA*.

D. dorcus (Ross)

Capilano R., Vancouver as *Philopotamus* (Ross 1938b); Wellington (Schmid and Guppy 1952); Bowser, Chilliwack distr., Cultus L., 17 mi. E of Hope (Ross and Spencer 1952).

Cameron L., 11.vii.1951, 13.vii.1951, 31.vii.1952, 12.ix.1952 (R. Guppy) *CNC*; Grand Forks, 4.vii.1965 (F. Schmid) *CNC*; Salmo Pass, 5.vii.1965 (F. Schmid) *CNC*; Sayward, 26.vi.1952 (R. Guppy) *CNC*; Strathcona Prov. Park, 8 mi. E, 22.vi.1969 (R.O.M. Fld. Pty.) *ROM*; S. Vancouver Is., 10.vii.1950 (R. Guppy) *CNC*.

D. novusamericanus (Ling)

Popcum, E of Mt. Cheam (Smith 1969); eastern B.C. (Nimmo 1974).

Creston, Hwy. 3, 10 mi. W, creek joining Summit Creek, 18.v.1968 (A. P. Nimmo) *UA*; Cultus L., 24.v.1965 (F. Schmid) *CNC*; Revelstoke Nat. Park, 25.vii.1963 (G. B. Wiggins) *ROM*; Salmo Pass, 5.vii.1965 (F. Schmid) *CNC*; Yoho Nat. Park, 25.vii.1963 (G. B. Wiggins) *ROM*.

D. pallidipes (Banks)

Mt. Cokely, Vancouver Is. (Denning 1949); Mt. Arrowsmith (Schmid and Guppy 1952); Hedley, Mt. Apex (Ross and Spencer 1952); Forbidden Plateau (Hardy 1955).

Wormaldia anilla (Ross)

Stave Falls, Vancouver as *Dolophilus* (Ross 1941); Agassiz, Chilliwack distr., Cowichan L., Cultus L., N. Vancouver, Stave Falls (Ross and Spencer 1952).

Cultus L., 24.v.1965 (F. Schmid) *CNC*; Hope, 5 mi. E, 28.vi.1973 (H. J. Teskey) *CNC*; Victoria, Goldstream camp, 27.vi.1969 (R.O.M. Fld. Pty.) *ROM*.

W. gabriella (Banks)

Chase R., Millstone R., Nanaimo (Schmid and Guppy 1952); Cultus L., Oliver, Sardis, Vancouver (Ross and Spencer 1952).

Craigellachie, Eagle R., 25.vii.1963 (G. B. Wiggins) *ROM*.

W. occidea Ross

Cultus L., 24.v.1965 (F. Schmid) *CNC*. New to B.C.

Family Phryganeidae

Agrypnia colorata (Hagen)

Kamloops (Ross and Spencer 1952).

A. deflata (Hagen)

Atlin, 31.vii.1955 (B. A. Gibbard) *CNC*; Fernie, Mt. Fernie camp, 23-24.vii.1970 (R.O.M. Fld. Pty.) *ROM*. New to B.C.

A. glacialis Hagen

Atlin, 21.vi.1955 (H. Huckell) *CNC*. New to B.C.

A. improba (Hagen)

Nicola, Quesnel (Ross and Spencer 1952).

A. pagetana Curtis

Cariboo, Springhouse, "Hayfield", 26.v.1963 (G. G. E. Scudder) *UBC*; Westwick L., light trap, 26.v.1975 (J. R. Spence) *UBC*. New to B.C.

A. sahlbergi McLachlan

Atlin, 7.vii.1955 (H. J. Huckell) *CNC*; Vernon, 1.vii.1924 (E. A. Rendell) *CNC*. New to B.C.

Banksiola crotchi (Banks)

Kamloops, 100 Mile House as *B. selina* Betton (Ross and Spencer 1952); Marion L. (Winterbourn 1971a, 1971b).

Bolean L., vii-viii.1950 (D. K. Campbell) *UBC*; Haney, Gwendoline L., 8.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Haney, Marion L., 10.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Haney, Loon L., 7-10.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Kamloops, Paul L., 20.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Prince Rupert, 16.vi.1926 (E. M. Walker) *ROM*; Queen Charlotte Is., Masset, 20.vii.1957 (E. E. MacDougall) *CNC*; Soda Creek, 23-30.vii.1950 (G. J. Spencer) *UBC*.

Phryganea cinerea Walker

Paul L. (Rawson 1934); Okanagan L. (Clemens *et al.* 1939); Canim L., N of Fort St. James, Nicola, Salmon Arm (Ross and Spencer 1952).

Lac Le Jeune, 7.vii.1950 (J. Weintraub) *CNC*; N Hero, 25.vii.1913 (E. M. Walker) *ROM*; 100 Mile House, 28.vi.1938 (J. K. Jacob) *CNC*; Vernon, 22.vii.1924 (E. A. Rendell) *CNC*.

Ptilostomis ocellifera (Walker)

Marion L. (Winterbourn 1971a).

Departure Bay, 9.vii.1926 (E. M. Walker) *ROM*; Haney, Loon L., 7-10.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Vernon, 25.vi.1928 (A. A. Dennys) *CNC*; Wellington, 1.vii.1908 *CNC*.

P. semifasciata (Say)

Wellington as *Neuronia* (Anon 1906).

Alaska Hwy., Mile 340, Steamboat Creek, 26.vi.1952 (M. E. Smith) *CNC*; Dawson Creek, 16.vi.1958 (G. E. Ball) *CNC*.

Family Polycentropodidae

Neureclipsis bimaculatus (L.)

N of Fort St. James (Ross and Spencer 1952).

Nyctiophylax affinis (Banks)

B.C. (Morse 1972).

Kamloops, Paul L., 20.vii.1969 (R.O.M. Fld. Pty.) *ROM*.

N. moestus Banks

Peachland (Banks 1911, Gibson 1912, Ross 1938a); B.C. (Morse 1972).

N. vestitus (Hagen)

Bowen Is., Cowichan L., Cultus L., Keremeos, Peachland, Vernon, Victoria (Ross and Spencer 1952).

Haney, Loon L., 10.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Marion L., 3.vi.-31.vii.1969 (M. Winterbourn) *CNC*; Nanaimo, 24.vii.1949 (R. Guppy) *CNC*; Peachland, 23.vii.1909 (J. B. Wallis) *CNC*; S. Vancouver Is., 10.vii.1950 (R. Guppy) *CNC*; Tofino, 55 mi. E on Hwy. 4, Kennedy R., 21.vi.1969 (R.O.M. Fld. Pty.) *ROM*; Wellington, 29.vii.1949, 27.vii.1950 (R. Guppy) *CNC*.

Plectrocnemia remota (Banks)

Peachland as *Polycentropus* (Banks 1911, Gibson 1912, Ross 1938a, Ross and Spencer 1952); Forbidden Plateau as *Polycentropus* (Schmid and Guppy 1952, Hardy 1955).

S. Vancouver Is., 17.viii.1950 (R. Guppy) *CNC*.

Polycentropus aureolus Banks

Quesnel (Ross and Spencer 1952).

Port Alberni, Robertson Creek, 25.vi.1969 (R.O.M. Fld. Pty.) *ROM*.

P. cinereus (Hagen)

Cultus L., Keremeos, Quesnel, Seymour, Vancouver, Vernon (Ross and Spencer 1952); Marion L. (Winterbourn 1971a).

Chase, Little Shuswap L., 25.vii.1963 (G. B. Wiggins) *ROM*; Savona, 16.vii.1969 (A. G. Edmund) *CNC*.

P. flavus Banks

Canim L. (Ross and Spencer 1952); Forbidden Plateau (Schmid and Guppy 1952, Hardy 1955).

Haney, Gwendoline L., 8.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Haney, Loon L., 7-10.vii.1969 (R.O.M. Fld. Pty.) *ROM*.

P. halidus Milne

Langford, 30.vii.1957, 1.viii.1957 (Canada Agriculture) *CNC*. New to B.C.

P. interruptus (Banks)

Soda Creek (Ross and Spencer 1952); Wellington (Schmid and Guppy 1952).

S. Vancouver Is., 10.vii.1950 (R. Guppy) *CNC*; Wellington, 21.vii.1949, 27.vii.1949, 1.viii.1950, 24.viii.1950, 19.vi.1953 (R. Guppy) *CNC*.

P. smithae Denning

Forbidden Plateau, 10.viii.1950, 15.viii.1950 (R. Guppy) *CNC*. New to B.C.

P. variegatus Banks

Wellington (Schmid and Guppy 1952); Burnaby, Cowichan L., Seton L., Vancouver (Ross and Spencer 1952).

Malahat, 28.vi.1951 (R. Guppy) *CNC*; Qualicum Falls, 6.viii.1951 (R. Guppy) *CNC*.

Family Rhyacophilidae

Rhyacophila acropedes Banks

Eastern B.C. (Nimmo 1971).

Canal Flats, 46 mi. N on Hwy. 95, Dutch Creek, 23.vii.1970 (larvae) (R.O.M. Fld. Pty.) *ROM*; Clinton, Loon L. road, 12.vii.1969 (larvae) (R.O.M. Fld. Pty.) *ROM*; Fernie, 6 mi. W on Hwy 3, 24.vii.1970 (larvae) (R.O.M. Fld. Pty.) *ROM*; Hosmer, Hosmer Creek, 8.vii.1949 (larvae) (H. B. Leech) *ROM*; Jaffray, Hwy. 3, 10.v.1968, 12.iv.1977 (A. P. Nimmo) *UA*; Kimberley, N on Hwy. 93, 24.vi.1962 (G. B. Wiggins) *ROM*; Manning Prov. Park, Coldspring camp, 6.vii.1969 (larvae) (R.O.M. Fld. Pty.) *ROM*; Natal, 6 mi. E, Michel Creek, Hwy. 3, 12.viii.1967 (A. P. Nimmo) *UA*; Port Alberni, Robertson Creek, 25.vii.1969, 26.vii.1969 (larvae) (R.O.M. Fld. Pty.) *ROM*; Rock Creek, Hwy. 3, 4.vii.1965 (F. Schmid) *CNC*; Salmo, 4.vii.1965 (F. Schmid) *CNC*; Strathcona Prov. Park, 22 mi. E, 22.vi.1969 (larvae) (R.O.M. Fld. Pty.) *ROM*.

R. alberta Banks

Eastern B.C. (Nimmo 1971).

Mt. Robson Prov. Park, Hwy. 16, Ghita Creek, 10.x.1976, 9.x.1977 (A. P. Nimmo) *UA*; Yoho Nat. Park, Kickinghorse camp, 5.x.1963 (A. P. Nimmo) *UA*.

R. angelita Banks

Cowichan L., Cowichan R. (Denning 1948); Englishman R. (Schmid and Guppy 1952); Chase R. Falls, Courtenay, Cowichan Falls, Cowichan R., Nanaimo, Silver Creek, Wellington (Ross and Spencer 1952); eastern B.C. (Nimmo 1971).

Clinton, Loon L. road, 12-14.vii.1969 (larvae) (R.O.M. Fld. Pty.) *ROM*; Hosmer, Hwy. 3, 13.ix.1958 (R. E. Leech) *UA*; Kamloops, Lloyds Creek, Paul L. road, 20.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Port Alberni, Taylor R., 25.vi.1969 (larvae) (R.O.M. Fld. Pty.) *ROM*; Shawnigan L., 2 mi. W, Port Renfrew road, 28.vi.1969 (larvae) (R.O.M. Fld. Pty.) *ROM*; S. Vancouver Is., 10.vii.1950, 14.viii.1950, 26.viii.1950 (R. Guppy) *CNC*; Wellington, 13.vi.1949, 30.vi.1949, 23.vi.1950, 9.vii.1950, 28.vii.1950 (R. Guppy) *CNC*; Yoho Nat. Park, Chancellor Peak camp, 23.v.1967 (A. P. Nimmo) *UA*.

R. arnaudi Denning

Hope 23.v.1965 (F. Schmid) *CNC*; Ketchum L., 26.viii.1960 (W. W. Moss) *CNC*. New to B.C.

R. belona Ross

Robson, 8.vii.1947 (H. R. Foxlee) *CNC*; New to B.C.

R. betteni Ling

Golden, 20 mi. N, Hwy 1, 20-22.vii.1970 (larvae, pupae) (R.O.M. Fld. Pty.) *ROM*. New to B.C.

R. bifila Banks

Vernon (Banks 1914, Gibson 1915, Peck and Smith 1978); Capilano R., Cultus L., Silver Creek, Vernon, Walhachin (Ross and Spencer 1952); eastern B.C. (Nimmo 1971).

Avola, 4 mi. S, Hwy. 5, 12.v.1968 (A. P. Nimmo) *UA*; Clinton, Loon L. road, 12-14.vii.1969 (larvae) (R.O.M. Fld. Pty.) *ROM*; Fernie, 10 mi. W, Hwy. 3, Elk R., 24.vii.1970 (R.O.M. Fld. Pty.) *ROM*; Grand Forks, 4.vii.1965 (F. Schmid) *CNC*; Mt. Robson Prov. Park, Hwy. 16, Ghita Creek, 15.vi.1975 (A. P. Nimmo) *UA*; Yoho Nat. Park, Kickinghorse camp, 15.vi.1967 (A. P. Nimmo) *UA*.

R. brunnea Banks

Cultus L. (Ross 1938a); Cowichan L., Cowichan R. (Denning 1948).

R. chilsia Denning

B.C. (Schmid 1970).

Cultus L., 12.ix.1937 (W. E. Ricker) *CNC*.

R. coloradensis idahoensis Peck and Smith

Wellington (Anon 1906); Cultus L., Jones Creek, Silver Creek (Ross and Spencer 1952); eastern B.C. (Nimmo 1971); Avola (4 mi. S), Blue R. (13 mi. N), Glacier Nat. Park, Yoho Nat. Park (Peck and Smith 1978).

Avola, 4 mi. S, Hwy. 5, 21.v.1968 (A. P. Nimmo) *UA*; Blue R., 13 mi. N, Hwy. 5, 21.v.1968 (A. P. Nimmo) *UA*; Glacier Nat. Park, Illiciliwaet R., 4.vi.1957 (W. E. Ricker) *CNC*; Mt. Robson Prov. Park, Kinney L. trail, 17.v.1969 (A. P. Nimmo) *UA*; Yoho Nat. Park, Chancellor Peak camp, 23.v.1967 (A. P. Nimmo) *UA*; Yoho Nat. Park, Kickinghorse camp, 23.v.1967, 15.vi.1967 (A. P. Nimmo) *UA*; Yoho Nat. Park, Trans-Can. Hwy., Ottertail R., 23.v.1967 (A. P. Nimmo) *UA*.

According to Peck and Smith (1978), this subspecies occurs through Idaho, Alberta, and eastern B.C. Since the nominate subspecies is reported to be confined to Arizona, New Mexico, Colorado, and Utah, all records from B.C. may be referred to *R. c. idahoensis*.

R. ebria Denning

B.C. (Schmid 1970).

Mt. Revelstoke Nat. Park, Eva L. trail, 6000 ft., 9.vii.1952 (G. P. Holland) *CNC*.

R. grandis Banks

Bon Accord, Vernon (Banks 1911, Gibson 1912); Bon Accord (Ross 1938a); Chase R., Millstone R., Nanaimo, Wellington (Schmid and Guppy 1952); Bon Accord, Cultus L., Vancouver, Vernon (Ross and Spencer 1952).

- Bowser, 4.vi.1964 (G. C. and D. M. Wood) *CNC*;
 Marion L., 9.viii.1969 (M. Winterbourn) *CNC*; Port
 Alberni, Robertson Creek, 26.vi.1969 (pupae)
 (R.O.M. Fld. Pty.) *ROM*; Victoria, Goldstream camp,
 27.vi.1969 (larvae, pupae) (R.O.M. Fld. Pty.) *ROM*.
- R. hyalinata* Banks
 Grand Forks, 4.vii.1965 (F. Schmid) *CNC*; Hope,
 2.vii.1965 (F. Schmid) *CNC*; Salmo, 4.vii.1965 (F.
 Schmid) *CNC*.
- R. inculta* Ross and Spencer
 Cultus L., Lynn Creek (Ross and Spencer 1952).
 Koksilah R., 26.vii.1954 (R. Guppy) *CNC*; Na-
 noose Creek, 11.x.1951 (R. Guppy) *CNC*; Nimpkish
 R., 24.vi.1952 (R. Guppy) *CNC*.
- R. insularis* Schmid
 Qualicum Falls (Schmid 1970); Koksilah R., Na-
 naimo R. at Nanaimo, Qualicum Falls (Peck and
 Smith 1978).
 Koksilah R., 26.vii.1964 (R. Guppy) *CNC*; Quali-
 cum Falls, 6.viii.1951 (R. Guppy) *CNC*.
- R. jenniferae* Peck
 Cultus L. (Peck and Smith 1978).
- R. kinkaidi* Schmid
 Skagit R. (Schmid 1970).
 Skagit camp, 3.vii.1965 (F. Schmid) *CNC*.
- R. malkini* Ross
 B.C. (Schmid 1970).
 Nanaimo, Millstone R., 26.ix.1950 (R. Guppy)
CNC; Qualicum R., 12.ix.1952 (R. Guppy) *CNC*;
 S. Vancouver Is., 26.ix.1950 (R. Guppy) *CNC*; Wel-
 lington, 15.ix.1949, 1.x.1949, 4.x.1949, 7.x.1949, 12.x.
 1949 (R. Guppy) *CNC*.
- R. narvae* Navás
 Cultus L. as *R. vepulsa* Milne (Milne 1936); Cultus
 L., Similkameen R., Stave Falls as *R. vepulsa* (Ross
 and Spencer 1952); eastern B.C. as *R. vepulsa*
 (Nimmo 1971).
 Cultus L., 24.v.1965 (F. Schmid) *CNC*; Yoho Nat.
 Park, Field, Kickinghorse R., 5.viii.1953 (H. H. Ross)
INHS.
- R. norcuta* Ross
 Englishman R. Falls, Wellington (Schmid and
 Guppy 1952); Cultus L. (Ross and Spencer 1952);
 Forbidden Plateau (Hardy 1955).
 Boston Bar, 3.8 mi. S, 22.vi.1964 (G. C. and D. M.
 Wood) *CNC*; Clinton, 11.vi.1938 (J. K. Jacob) *CNC*;
 Nanoose Creek, 4.x.1951 (R. Guppy) *CNC*; Qualicum
 Falls, 6.viii.1951 (R. Guppy) *CNC*; Strathcona Prov.
 Park, 8 mi. E, 22.vi.1969 (larvae) (R.O.M. Fld. Pty.)
ROM; Uciuelet, 17.v.1909 *CNC*.
- R. oreta* Ross
 Englishman R. Falls, Mt. Benson, Wellington
 (Schmid and Guppy 1952); Cultus L. (Ross and
 Spencer 1952).
 S. Vancouver Is., 17.v.1950, 19.ix.1950 (R. Guppy)
CNC.
- R. pellisa* Ross
 Rock Creek, Hwy. 3, 4.vii.1965 (F. Schmid) *CNC*.
 New to B.C.
- R. perda* Ross
 Cultus L. (Ross and Spencer 1952).
 Squamish, 10.viii.1953 (G. J. Spencer) *CNC*.
- R. perplana* Ross and Spencer
 Cultus L. (Ross and Spencer 1952).
- R. rickeri* Ross
 Babine R., 50 mi. N of Hazelton (Ross 1956).
- R. robusta* Schmid
 Kitchener, Vernon (Schmid 1970).
- R. tucula* Ross
 Chilliwack, Cultus L., Silver Creek (Ross 1950b);
 Cultus L. (Ross and Spencer 1952); eastern B.C.
 (Nimmo 1971).
 Anaham L., W of Lorne Creek, 1.ix.1977 (J. R.
 Spence) *UBC*; Blue R., Hwy. 5, 11.ix.1938 (W. E.
 Ricker) *CNC*; Mt. Robson Prov. Park, Hwy. 16,
 Ghita Creek, 10.x.1976 (A. P. Nimmo) *UA*; Mt.
 Robson Prov. Park, Kinney L. trail, 12.x.1968, 10.x.
 1976 (A. P. Nimmo) *UA*; Qualicum Falls, 12.ix.1952
 (R. Guppy) *CNC*; Wellington, 22.vi.1949, 6.ix.1950
 (R. Guppy) *CNC*.
- R. unimaculata* Denning
 Robson (Denning 1941a, Ross and Spencer 1952)
 (incorrectly as Mt. Robson-Ross 1965, Nimmo 1977);
 Fernie (Schmid 1970).
- R. vacua* Milne
 Cultus L., Fitzgerald, Keremeos (Milne 1936);
 Chase R., Englishman R. Falls, Mt. Benson, Nanaimo,
 Nanoose Bay, Nanoose Creek (Schmid and Guppy
 1952); Cultus L., Fitzgerald, Keremeos, N. Vancouver
 (Ross and Spencer 1952); eastern B.C. (Nimmo
 1971).
 Wellington, 31.viii.1948, 4.ix.1948, 6.ix.1948, 8.ix.
 1948, 9.ix.1948, 11.ix.1948, 13.ix.1948, 3.viii.1951 (R.
 Guppy) *CNC*; Yoho Nat. Park, Trans-Can. Hwy.,
 Kickinghorse Pass, Sherbrook Creek, 12.ix.1966 (A. P.
 Nimmo) *UA*.
- R. vaefes* Milne
 Cultus L. (Milne 1936, Ross and Spencer 1952);
 Wellington (Schmid and Guppy 1952); 17 mi. E of
 Hope as *R. vujuna* Milne (Ross and Spencer 1952).
 Allison Pass, 3.vii.1965 (F. Schmid) *CNC*; Cultus
 L., 24.v.1965 (F. Schmid) *CNC*; Cultus L., 19.vi.
 1969 (R.O.M. Fld. Pty.) *ROM*.

R. vagrita Milne

Cultus L. (Milne 1936, Ross and Spencer 1952).
Golden, S on Hwy. 95, Horse Creek (dead), 11.vi.1977 (A. P. Nimmo) *UA*.

R. valuma Milne

Cultus L. (Ross and Spencer 1952).
Cultus L., 24.v.1965 (F. Schmid) *CNC*.

R. vao Milne

Cultus L. (Milne 1936); Upper Skagit R. (Ross and Spencer 1952).

Clinton, Loon Creek, Loon L. road, 12-14.vii.1969 (R.O.M. Fld. Pty.) *ROM*; Cultus L., 24.v.1965 (F. Schmid) *CNC*; Fernie, Mt. Fernie camp, 23-24.vii.1970 (R.O.M. Fld. Pty.) *ROM*; Grand Forks, 4.vii.1965 (F. Schmid) *CNC*; Skagit camp, 3.vii.1965 (F. Schmid) *CNC*.

R. vemna Milne

Manning Prov. Park, Coldspring camp, 6-7.vii.1969 (R.O.M. Fld. Pty.) *ROM*. New to B.C.

R. verrula Milne

Cultus L., (Milne 1936, Ross and Spencer 1952); Englishman R. Falls, Wellington (Schmid and Guppy 1952); eastern B.C. (Nimmo 1971).

Anaham L., W of Lorne Creek, 1.ix.1977 (J. R. Spence) *UBC*; Hope Mts., 28.viii.1931 (A. N. Gartrell) *CNC*; Mt. Benson, 19.ix.1950 (R. Guppy) *CNC*; Mt. Robson Prov. Park, Kinney L. trail, 11.x.1969 (A. P. Nimmo) *UA*; Mt. Robson Prov. Park, Robson Creek, 8.x.1967, 12.x.1968 (A. P. Nimmo) *UA*; Nanoose Creek, 4.x.1951 (R. Guppy) *CNC*; Yoho Nat. Park, Kickinghorse camp, 5.x.1964 (G. E. Ball) *UA*.

R. visor Milne

Cultus L. (Milne 1936, Ross and Spencer 1952).

R. vobara Milne

Cultus L. (Milne 1936); Cultus L., Revelstoke Mt. (Ross and Spencer 1952); eastern B.C. (Nimmo 1971).
Field, 6.viii.1953 (H. H. Ross) *INHS*; Salmo Pass, 5.v.1965 (F. Schmid) *CNC*.

R. vocala Milne

Cultus L. (Milne 1936); Cultus L., Fernie, 17 mi. E of Hope (Ross and Spencer 1952); eastern B.C. as *R. hyalinata* Banks (Nimmo 1971).

Allison Pass, 3.vii.1965 (F. Schmid) *CNC*; Big Bend Hwy., Mica Dam, creek 3 mi. E, 11.viii.1967 (A. P. Nimmo and I. P. Hetherington) *UA*; Big Bend Hwy., Revelstoke, 33 mi. N, 11.viii.1967 (A. P. Nimmo and I. P. Hetherington) *UA*; Englishman R. Park, 12.vii.1951 (R. Guppy) *CNC*; Glacier Nat. Park, Beaver R., 11.viii.1967 (A. P. Nimmo and I. P. Hetherington) *UA*; Glacier Nat. Park, Trans-Can. Hwy., Cougar Creek, 11.viii.1967 (A. P. Nimmo and I. P. Hetherington) *UA*; Hope, 2.vii.1965 (F. Schmid)

CNC; Kootenay Nat. Park, Hwy. 93, Kimpton Creek, 12.viii.1967 (A. P. Nimmo and I. P. Hetherington) *UA*; Revelstoke Nat. Park, Trans-Can. Hwy., Clachnacudain Creek, 11.viii.1967 (A. P. Nimmo and I. P. Hetherington) *UA*; Sayward, 26.vi.1952 (R. Guppy) *CNC*; Skagit camp, 3.vii.1965 (F. Schmid) *CNC*; Yoho Nat. Park, Kickinghorse camp, 26.vii.1966, 16.vii.1967 (A. P. Nimmo) *UA*; Yoho Nat. Park, Trans-Can. Hwy., Kickinghorse Pass, Sherbrook Creek, 12.ix.1966 (A. P. Nimmo) *UA*.

R. vofixa Milne

Eastern B.C. (Nimmo 1971).

Kootenay Nat. Park, Hawk Creek, 10.viii.1953 (H. H. Ross) *CNC*.

R. vuzana Milne

Cultus L. (Ross and Spencer 1952); Chase R., Englishman R. Falls, Nanaimo, Wellington (Schmid and Guppy 1952).

Rhyacophila species 1

Eastern B.C. (Nimmo 1971).

Jaffray, creek on Hwy. 3, 18.v.1968 (female) (A. P. Nimmo) *UA*.

Species of Trichoptera Removed From the British Columbia List

Banksiola concatenata (Walker)

This species has been recorded from Quamichan L. (Anon 1907). However, this is an eastern species, with no other reports from the west. The earlier record thus is probably a misidentification.

Limnephilus fusciradiatus Schmid

Schmid and Guppy (1952) report this from Forbidden Plateau. However, this is a manuscript name and is not valid. The specimens belong to the species now called *L. lopho* Ross, and were in fact also listed under this species in Schmid and Guppy (1952).

Platycentropus radiatus (Say)

Recorded from Wellington as *Limnephilus* (Anon 1906). Wiggins (1977) says that the three Nearctic species of *Platycentropus*, including *radiatus*, are confined to the eastern half of the continent. Hence, this record would appear to be an error, and so this species is excluded from the British Columbia list.

We are indebted to the following for loan of material, or permission to examine specimens in their care: Dr. G. E. Ball (University of Alberta), Dr. F. Schmid (Canadian National Collection), and Dr. G. B. Wiggins (Royal Ontario Museum). Drs. D. G. Denning, F. Schmid, and G. B. Wiggins have kindly assisted with determinations and information over the

- years. The research was supported by a grant to G.G.E.S. from the National Research Council of Canada.
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