

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

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This paper presents a complete annotated checklist of the dragonflies (Odonata) of British Columbia. A total of 80 species is reported from the Province, two for the first time. Two species previously recorded from British Columbia are excluded.

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Introduction

The first major papers on the Odonata from British Columbia were published by Currie (1905) and Osburn (1905). Since then, notable contributions have been by Walker (1927), Buckell (1938), and Whitehouse (1941). While the Canadian fauna has been recently considered by Walker (1953, 1958) and Walker and Corbet (1975), these latter works merely repeat many of the earlier records.

In the course of preparing a Handbook to the Odonata of British Columbia, we have carried out a considerable amount of additional collecting in the northern areas of the Province, in an attempt to better delimit the distribution of the species. We have also named the material that has been accumulated in a number of collections over the past three decades.

This paper thus presents a complete annotated checklist of the dragonflies in British Columbia. It publishes a large number of additional records and serves to substantiate the details of the distribution that will be plotted on maps in the forthcoming handbook.

The nomenclature and arrangement of the families follows that of Walker (1953, 1958) and Walker and Corbet (1975). Within each family we have listed the genera and species in alphabetical order for the sake of convenience. Collection abbreviations used in the text are as follows: *CNC*, Canadian National Collection, Ottawa; *BCPM*, British Columbia Provincial Museum, Victoria; *UBC*, Spencer Entomological Museum, University of British Columbia, Vancouver; *UV*, University of Victoria, Victoria. 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.

Suborder Zygoptera

Family Lestidae

Lestes congener Hagen

Wellington (Currie, 1905); Peachland (Gibson, 1911); Departure Bay, Okanagan Landing (Gibson, 1914); Departure Bay, Okanagan Landing, Wellington (Walker, 1927); Aspen Grove, Azure L., Brisco, Clinton, Creston, Douglas L., Edgewater, Hat Cr., Humphrey's L. (Kamloops), Invermere, Kaleden, Kamloops, 150 Mile House, Nelson, Okanagan Landing, Oliver, Osoyoos, Premier L., Prince George, Princeton, Quilchena, Revelstoke, Salmon Arm, Similkameen, Stump L., Sugar L., Summerland, Summit L. (Prince George), Ta Ta Cr., Vaseux L., Vernon, Wasa, Winfield (Buckell, 1938); Crawford Bay, Dawson Creek, Forbes Landing, Golden, Harrison Bay, Hope, Jesmond, Kamloops, Sooke, Tête Jaune (Whitehouse, 1941); Aspen Grove, Brisco, Golden, Harrison Bay, Hope, Invermere, Kamloops, Nelson, Okanagan Landing, Osoyoos, Princeton, Prince George, Revelstoke, Salmon Arm, Similkameen, Sooke, Vancouver I., Vaseux L., Wellington, general throughout the S half of B.C. (Walker, 1953).

Burnaby L., 11.x.1974 (M. Hämäläinen) *Hämäläinen Coll.*; Canim L., 27.vi.1961 (G. G. E. Scudder) *UBC*; Enderby, 7.viii.1932 (J. Wynne) *UBC*; 139 Mile, Cariboo, 19.viii.1932 (R. D. Bird) *UBC*; 149 Mile, Cariboo, 16.viii.1932 (R. D. Bird) *UBC*; Mission City, 28.vii.1953 (Edith Mason) *CNC*; Morton L., N. Campbell R., 15.vii.1967 (R. Storey) *UV*; Murrayville, 5.5 mi S, 2.x.1975 (G. G. E. Scudder) *UBC*; Nicola, 25.viii.1923 (E. R. Buckell) *UBC*; Penticton, 21.ix.1919 (W. Downes) *UBC*; Quesnel, 11.vii.1948 (*UBC*); Salmon R., Heywood's Cr., 23.viii.1932 (R. D. Bird) *UBC*; Shuswap Falls, 2.ix.1932 (E. R. Buckell) *UBC*; Springhouse, Cariboo, 7.ix.1975 (J. R. Spence) *UBC*; Toad River Lodge, Mile 422, Alaska Hwy., 20.vii.1959 (E. E. MacDougall) *CNC*; Wells Gray Prov. Park, Foot L., 23.vi.1974 (R. A. Cannings) *UBC*.

L. disjunctus Selys

Kaslo as *L. forcipatus* Rambur (Currie, 1905); Glacier, Langford L., Victoria as *L. forcipatus* (Osburn, 1905); Metlakatla, Masset (Fletcher & Gibson, 1908); Peachland (Gibson, 1911); Revelstoke (Criddle,

1922); Masset, Nanaimo district, Nelson, Okanagan Landing, Prince Rupert, Revelstoke, Vancouver (Walker, 1927); Chilliwack, Vedder Crossing (Walker & Ricker, 1938); Aspen Grove, Bridge L., Brisco, Canal Flats, Chase, Creston, Douglas L., Edgewater, Falkland, Field, Hat Cr., Hazelton, Invermere, Kaleden, Kamloops, Kaslo, Lumby, Mabel L., Malakwa, 150 Mile House, Moyie, Nakusp, Nelson, Okanagan Landing, Oliver, Osoyoos, Palling, Paxton Valley, Peachland, Premier L., Prince George, Princeton, Quesnel, Revelstoke, Robson (East), Rollings L. (Lumby), Salmon Arm, Salmon L., Shuswap L., Stump L., Sugar L., Summit L. (Prince George), Tappen, Vernon, Wasa, Winfield (Buckell, 1938); Atlin, Clinton, Courtenay, Enderby, Field, Florence L., Forbes Landing, Golden, Harrison L., Hatzic L., Hope, Kamloops, Kaslo, Masset district, McBride, Mt. Robson, Revelstoke, Tête Jaune, Thetis L., Vancouver, Vanderhoof, Vernon (Deep L.), Wellington Lakes (Whitehouse, 1941); general throughout S B.C. from Vancouver I. E to the Rocky Mts. (Field, Mt. Robson) and N to the Queen Charlotte Is. (Masset district), Prince Rupert, Hazelton, Prince George, Palling, and Atlin (Walker, 1953).

Agassiz, 15.vii.1926, 16.vii.1926, 4.vii.1927 (R. Glendenning) *CNC*; Burns L., 10.viii.1933 (E. R. Buckell) *UBC*; Corbett L., 26.vii.1974 (K. M. Stuart) *UBC*; Fort Nelson, 17.viii.1952 (F. I. S.) *CNC*; Lac la Hache, 15.vii.1973 (H. J. Teskey) *CNC*; 139 Mile, Cariboo, 19.viii.1932 (R. D. Bird) *UBC*; Merritt, 6 mi. S, 26.vii.1974 (K. M. Stuart) *UBC*; Moose L. marsh, Mt. Robson Prov. Park, 3.viii.1974, 15.viii.1974, 17.viii.1974 (R. J. Cannings) *UBC*; Oliver, Camp McKinney Road, 25.viii.1975 (R. A. Cannings) *UBC*; Penticton, Mac's L., 12.vii.1974 (S. G. Cannings) *UBC*; Pitt Dykes, 16.viii.1974 (K. M. Stuart) *UBC*; Pouce Coupe, 4.vi.1961 (A. R. Brooks) *CNC*; Rolla, 3.vii.1927 (P. N. Vroom) *CNC*; Salmon R., Heywood's Cr., 23.viii.1932 (R. D. Bird) *UBC*; Shuswap Falls, 9 mi N, 26.vii.1931 (R. D. Bird) *UBC*; Shuswap Valley, 2.ix.1932 (R. D. Bird & E. R. Buckell) *UBC*; Skmana L., near Chase, 1.viii.1974 (R. J. Cannings) *UBC*; Steelhead, 2 mi S, 27.vii.1974, 9.viii.1974 (K. M. Stuart) *UBC*; Terrace, 10 mi N, 16.vii.1960 (B. S. Heming) *CNC*; Tow Hill, Q.C.I., 12.viii.1974 (R. A. Cannings) *UBC*.

L. dryas Kirby

Kaslo as *L. uncatatus* Kirby (Currie, 1905); Departure Bay as *L. uncatatus* (Gibson, 1914); Revelstoke as *L. uncatatus* (Criddle, 1922); Departure Bay, Gabriola I., Nanaimo, Revelstoke, Wellington as *L. uncatatus* (Walker, 1927); Cultus L. district (Walker & Ricker, 1938); Aspen Grove, Bridge L., Boswell, Canal Flats, Canim L., Chilcotin, Douglas L., Falkland, Hat Cr., Horsefly, Humphrey's L. (Kamloops), Invermere, Kamloops, Kaslo, Lillooet, Mabel L., 150 Mile House, Moyie, Revelstoke, Robson (East), Salmon Arm, Salmon L., Shuswap L., Shuswap Falls, Slocan Park, Stump L., Sugar L., Tatla L. (Buckell, 1938); Chilliwack, Crawford Bay, Cultus L., Departure Bay,

Florence L., Hope, Kamloops, Kaslo, Mount Robson, Nanaimo district, Penticton, Revelstoke, Sooke, Vanderhoof (Whitehouse, 1941); Boswell, Canal Flats, Canim L., Chilcotin, Chilliwack, Florence L., Hat Cr., Hope, Horsefly, Invermere, Kamloops, Kaslo, Lillooet, Moyie, Mount Robson, Penticton, Revelstoke, Robson, Salmon Arm, Shuswap Falls, Sooke, Vanderhoof, Wellington (Walker, 1953).

Aspen Grove, 14 mi S, 26.vii.1974 (K. M. Stuart) *UBC*; Creston, 27.vi.1958 (H. & A. Howden) *CNC*; Groundbirch, 4 mi W, 9.vii.1974 (G. G. E. Scudder) *UBC*; 155 Mile, Cariboo, 19.viii.1932 (R. D. Bird) *UBC*; Nicola, 25.viii.1923 (E. R. Buckell) *CNC*; Oliver, 26.v.1923, 8.viii.1923, 10.viii.1923 (C. B. Garrett), 24.vii.1953 (J. R. McGillis) *CNC*; Pouce Coupe, 30.vi.1927 (P. N. Vroom) *CNC*; Rolla, 1.vii.1927 (P. N. Vroom) *CNC*; Springhouse, Cariboo, 4.vii.1963 (G. G. E. Scudder) *UBC*; Terrace, 10 mi N, 16.vii.1960 (B. S. Heming) *CNC*; Manning Prov. Park, 3900 ft, 30.viii.1975 (R. J. Cannings) *UBC*; Vancouver, 28.viii.1936 (F. C. Whitehouse) *UBC*.

L. unguiculatus Hagen

Armstrong, Nanaimo district, Okanagan Landing, Saanich district (Walker, 1927); Canal Flats, Hat Cr., Osoyoos, Premier L., Penticton, Wasa (Buckell, 1938); Chilliwack, Cultus L., Crawford Bay, Enderby, Florence L., Princeton district, Sooke, West Kootenay (Whitehouse, 1941); Sooke N to Nanaimo district, Hat Cr., Chilliwack, Chaperon L., Cultus L., Similkameen, Osoyoos, Vaseux L., Penticton N through Okanagan Valley to Okanagan Landing and Armstrong, West Kootenay, Wasa, Premier L., and Canal Flats (Walker, 1953).

Hatzic L., 24.vii.1953 (E. Mason) *CNC*; Hope, Silver Cr. slough, 26.vii.1936 (F. C. Whitehouse) *UBC*; Manning Prov. Park, Reverse L., 4000 ft, 30.viii.1975 (R. J. Cannings) *UBC*; Okanagan Falls, White L. road, 6.vi.1958 (H. & A. Howden) *CNC*; Okanagan Falls, White L., 30.vi.1974 (R. A. Cannings) *UBC*; Oliver, 19.vii.1923 (E. R. Buckell), 22.vii.1923 (P. N. Vroom), 6.viii.1923, 8.viii.1923, 10.viii.1923, 13.viii.1923 (C. B. Garrett) *CNC*; Peachland, 24.vi.1909 (J. B. Wallis) *CNC*; Pinantan L., 16.vii.1956 (E. J. Crossman) *UBC*; Revelstoke Mt., 12.viii.1923 (E. R. Buckell) *CNC*; Shuswap Valley, 2.ix.1932 (R. D. Bird) *CNC*; Sugar L., 16.viii.1931 (R. D. Bird) *CNC*; Summerland, Fish L.,¹ 7.ix.1932 (A. N. Gartrell) *CNC*.

Family Coenagriidae

Argia emma Kennedy

Oliver, Penticton (Walker, 1927); Cultus L, Sweltzer Cr. (Walker & Ricker, 1938); Christina L., Lillooet, Mabel L., Oliver, Penticton (Buckell, 1938); Cultus L., Coquihalla R. (Hope), Christina L., Okanagan R. (Penticton) (Whitehouse, 1941); Cultus L. S of Chilliwack, outlet of Kawkawa L. into Coquihalla R., Christina L., Okanagan R. at Penticton, Oliver, Lillooet, and Mabel L. (Walker, 1953).

¹ The official name is Darke L.

Noble L., 9.viii.1931 (R. D. Bird) *UBC*; O'Keefe's Pond, near Vernon, 1.ix.1974 (R. J. Cannings) *UBC*; Osoyoos, 1.vii.1974 (S. G. Cannings) *UBC*; Seton L., 5.vi.1926, 28.vi.1926, 29.vi.1926, 2.vii.1926, 19.vii.1926 (J. McDunnough) *CNC*; Shuswap L., Anstey Arm, 7.viii.1942 (E. R. Buckell) *UBC*; Vaseux L., 1.vii.1975 (R. J. Cannings), 27.vi.1974, 29.vii.1975, 3.viii.1975 (R. A. Cannings) *UBC*.

A. vivida Hagen

Glacier (Osburn, 1905); Field (Buckell, 1938); Field, Glacier (Whitehouse, 1941; Walker, 1953).

Fairmont, 28.vii.1926 (A. A. Dennys) *CNC*.

Amphiagrion abbreviatum (Selys)

Victoria as *A. saucium* (Burm.) (Osburn, 1905); Peachland, Victoria as *A. saucium* (Walker, 1927); Vedder Crossing (Walker & Ricker, 1938); Canoe, Hat Cr., Kaleden, Lumby, Salmon Arm, Vernon (Buckell, 1938); Cultus L., Florence L. district, Kaslo, Penticton, Vancouver (Whitehouse, 1941); Canoe, Cultus L., Florence L. district, Hat Cr., Kaleden, Kaslo, Lumby, Peachland, Penticton, Salmon Arm, Vancouver, Vedder Crossing, Vernon, Victoria (Walker, 1953).

Agassiz, 18.v.1926, 22.v.1926, 27.v.1926, 21.vii.1926 (R. Glendenning) *CNC*; Anarchist Mt., 30.v.1958 (H. & A. Howden) *CNC*; Cache Cr., 18.vi.1959 (G. G. E. Scudder) *UBC*; Clinton, 15.vi.1938 (J. K. Jacob) *CNC*; Goldstream, 12.vi.1923, 17.vii.1923 (K. F. Auden) *CNC*; Kamloops, 29.v.1935 (E. R. Buckell) *UBC*; Keremeos, 3.vii.1923 (C. B. Garrett) *CNC*; Manning Prov. Park, 6000 ft, 29.vi.1973 (H. J. Teskey) *CNC*; McIntyre, 14.v.1975 (R. J. Cannings) *UBC*; Mission City, 6.vi.1953, 14.vi.1953 (Edith Mason), 28.vi.1953, 29.vi.1953 (W. R. M. Mason), 15.vii.1953 (G. J. Spencer) *CNC*; Oliver, 16.v.1923, 26.v.1923 (C. B. Garrett), 16.vii.1973 (J. E. H. Martin) *CNC*; Penticton, 2000 ft, 28.v.1953 (D. F. Hardwick) *CNC*; Penticton, Mac's L., 13.vi.1974 (R. A. & S. C. Cannings) *UBC*; Ponden L., Yellowhead Hwy., 16.vii.1973 (J. Belicek) *CNC*; Saanich, Swan L., 11.viii.1967 (R. Storey) *UV*; Vancouver, Musqueam Reserve, 6.vii.1974 (M. Isman) *UBC*; West Crescent Valley, 3000 ft, 23.v.1967, 26.v.1967, 4.vi.1967, 5.vi.1967, 14.vi.1967 (J. Shepard) *UBC*.

Cænagrion angulatum Walker

Dawson Creek (Walker, 1953).

C. interrogatum (Hagen)

Blue R., 16 mi S of B.C.-Yukon border, 11.vii.1974 (K. M. Stuart) *UBC*. New to B.C.

C. resolutum (Hagen)

Chilcotin (Blackmore, 1918; Gibson, 1918); Chilcotin, Nelson, Revelstoke (Walker, 1927); Big Cr., Canim L., Hat Cr., Horsefly, Redstone, Tatla L. (Buckell, 1938); Burns L., McBride, Smithers, Vanderhoof (Whitehouse, 1941); Atlin, Bridge L., Burns

L., Canim L., Chilcotin, Hat Cr., Horsefly, Prince George, Revelstoke, Smithers, Tatla L. (Walker, 1953).

Atlin, 2200 ft, 5.vi.1955, 14.vi.1955, 17.vi.1955, 21.vi.1955, 23.vi.1955, 25.vi.1955 (B. A. Gibbard), 17.vii.1955 (H. J. Huckel) *CNC*; Clinton, Loon Cr., 4.vi.? (H. Lorz) *UBC*; Cummings L., Cariboo, 6.vi.1960 (J. Lanko) *UBC*; Groundbirch, 4 mi W., 9.vii.1974 (G. G. E. Scudder) *UBC*; Jesmond, 8.vii.1937, 20.vi.1938 (E. R. Buckell) *UBC*; Lac la Hache, 26.vi.1942 (G. A. Hardy) *BCPM*; Lac la Hache, 15.vii.1973 (H. J. Teskey) *CNC*; Mile 337, Alaska Hwy., 6.vii.1974 (G. G. E. Scudder) *UBC*; Oliver, 21.vi.1923 (C. B. Garrett) *CNC*; Prince George, 7 mi W., 30.vi.1974 (K. M. Stuart) *UBC*; Revelstoke, 2.vii.1973 (H. J. Teskey) *CNC*; Quesnel, 26.vi.1948 (H. R. MacCarthy) *UBC*; Summit L., Prince George, 10.vii.1937 (E. R. Buckell) *UBC*; Terrace, 16.vi.1960 (B. S. Heming), 18.vi.1960 (W. W. Moss) *CNC*; Wells Gray Prov. Park, Shadow L., 22.vi.1974 (R. A. Cannings) *UBC*; White L., Cariboo, 29.v.1963 (G. G. E. Scudder) *UBC*.

Enallagma boreale Selys

Ainsworth, Kaslo as *E. calverti* Morse (Currie, 1905); Vancouver as *E. calverti* (Osburn, 1905; Blackmore, 1918; Gibson, 1918); Atlin as *E. calverti* (Anderson, 1915); Daisy L., Garibaldi (Hardy, 1927); Daisy L., Nanaimo district, Nelson, Penticton, Prince Rupert, Revelstoke, Vancouver (Walker, 1927); Aspen Grove, Boleine L. (Falkland), Bridge L., Canal Flats, Canim L., Chase, Chilcotin, Clinton, Cold Cr. (Kamloops), Douglas L., Falkland, Hat Cr., Humphrey's L. (Kamloops), Kamloops, Lumby, Malakwa, Oliver, Osoyoos, Paxton Valley, Pavilion L., Penticton, Prince George, Princeton, Quesnel, Redstone, Revelstoke, Robson (East), Rollings L. (Lumby), Salmon Arm, Similkameen, Sugar L., Ta Ta Cr., Tatla L., Vancouver, Vernon, Westbank, Williams L. (Buckell, 1938); Okanagan L. (Clemens *et al.*, 1939); Atlin, Burns L., Courtenay, Departure Bay, Field, Forbes Landing, Harrison Bay, Hope, Kaslo, Masset, McBride, Mount Robson, Nanaimo district, Newcastle I., Penticton, Smithers, Sooke, Terrace, Tête Jaune, Upper Campbell R., Vancouver, Vernon (Whitehouse, 1941); Fort Nelson, Lower Post (Walker, 1951); general throughout the S half of B.C. from Vancouver I. E to the Rocky Mts. (Field) and N to the Queen Charlotte I. (Masset district), Prince Rupert, Prince George, Atlin, Fort Nelson, and Lower Post (Walker, 1953); Marion L.² (Pearlstone, 1973; Proctor, 1973).

Aiyansh, 7 mi N, 6.vii.1974 (K. M. Stuart) *UBC*; Alta L., 12.vi.1926 (J. McDunnough) *CNC*; Anthony L., near Lac la Hache, 30.vi.1942 (G. A. Hardy) *BCPM*; Aspen Grove, 20.vi.1973 (H. J. Teskey) *CNC*; Atlin, 17.vi.1955, 5.vii.1955 (H. Huckel), 30.v.1955 (B. A. Gibbard) *CNC*; Atlin L., Warm Bay, Warm Spring, 21.viii.1975 (W. G. Hazelwood) *UBC*; Becher's Prairie (Box 5), Chilcotin, 21.vi.1961 (G. G. E. Scudder) *UBC*; Bowser, 1.vi.1955 (W. J. Brown) *CNC*; Creston, 27.vi.1958 (H. & A. Howden) *CNC*; Deep Bay, Vancouver I., 16.vi.1955 (R. Coyles)

² The official name is Jacobs L.

CNC; East L., Becher's Prairie, Chilcotin, 28.v.1963 (G. G. E. Scudder) *UBC*; Eddentenajon L., 9.vii.1974 (K. M. Stuart) *UBC*; Fish L., Summerland, 11.viii.1931 (A. N. Gartrell) *CNC*; Haney, UBC Forest, 6-7.vii.1953 (Edith Mason) *CNC*; Jesmond, 7.vii.1937 (E. R. Buckell) *UBC*; Lac la Hache, 5.vii.1942 (G. A. Hardy) *BCPM*; Jones, L., 148 Mile, Cariboo, 29.vi.1942 (G. A. Hardy) *BCPM*; Kamloops, Lac du Bois area, 4.vii.1975 (S. G. Cannings) *UBC*; Mahoney L., 17.vi.1974 (S. G. Cannings), 17.v.1975 (R. J. Cannings), *UBC*; Masset, Q.C.I., 6.vi.1957, 20.vii.1957 (E. E. MacDougall) *CNC*; McQueen L., Kamloops, 14.vi.1973 (H. J. Teskey) *CNC*; Meadow L., 8.vii.1937 (E. R. Buckell) *UBC*; Merritt, 11.vi.1948 (C. L. Neilson & D. Finlayson) *UBC*; Moose L. marsh, Mt. Robson Prov. Park, 20.vi.1974 (R. J. Cannings) *UBC*; New Hazelton Cr., 18.vii.1973 (J. Belicek) *CNC*; Oyama, Cougar Canyon, 29.vii.1975 (R. A. Cannings) *UBC*; Paul L., 20.vii.1974 (B. & D. Ward) *UBC*; Osoyoos L., Road 22, 27.vii.1974 (R. J. Cannings) *UBC*; Peachland, 24.vii.1909 (J. B. Wallis) *CNC*; Pennask L., 23.vi.1974, 29.vi.1974, 5.vii.1974 (S. Brett) *UBC*; Penticton, Mac's L., 13.vi.1974 (R. A. & S. G. Cannings), 21.vi.1974 (S. G. Cannings), 13.v.1975 (R. J. Cannings) *UBC*; Prince Rupert, 4.vi.1960 (G. E. Shewell, B. S. Heming), 8.vi.1960 (W. W. Moss), 18.vii.1960 (B. S. Heming), 19.vii.1973 (J. Belicek) *CNC*; Prince Rupert, 1 mi E, 4.vi.1960 (W. W. Moss) *CNC*; Quartz L., 20.vii.1974 (K. Lloyd) *UBC*; Rock L., Becher's Prairie, Chilcotin, 28.v.1963 (G. G. E. Scudder) *UBC*; Shawnigan L., 15.viii.1967 (R. L. Morley) *UV*; Skmana L., near Chase, 1.viii.1974 (R. J. Cannings) *UBC*; Port Edward, 18.vii.1960 (W. R. Richards) *CNC*; Sorenson L., Cariboo, 14.vi.1961 (G. G. E. Scudder) *UBC*; Sproat L., Vancouver I., 22.vi.1955 (J. R. McGillis) *CNC*; Stanley, 9.vii.1937 (E. R. Buckell) *UBC*; Summit L., Mile 392 Alaska Hwy., 21.vi.1959 (R. E. Leech) *CNC*; Terrace, 2.vi.1960 (W. W. Moss) *CNC*; Tow Hill, Q.C.I., 12.viii.1974 (R. A. Cannings) *UBC*; Vaseux L., W side, 27.vi.1974 (R. A. Cannings) *UBC*; Wells Gray Prov. Park, Five Finger L., 21.vi.1974 (R. A. Cannings), Foot L., 23.vi.1974 (R. A. Cannings), Placid L., 23.vi.1974 (R. A. Cannings), Ray Farm, 16.vi.1974 (R. A. Cannings), Shadow L., 21.vi.1974, 22.vi.1974 (R. A. Cannings), Zellers L., 20.vi.1974 (R. A. Cannings) *UBC*; Westwick L., Cariboo, 3.vii.1975 (S. G. Cannings) *UBC*; Yellowhead L., 4.vii.1974 (R. J. Cannings) *UBC*.

E. carunculatum Morse

Kaslo (Currie, 1905); Agassiz, Langford L., Port Renfrew, Victoria (Osburn, 1905); Alberni (Blackmore, 1918); Nelson (Criddle, 1922); Nanaimo district, Nelson, Okanagan Landing, Penticton, Wellington Lakes (Walker, 1927); Chilliwack (Walker & Ricker, 1938); Bridge L., Canim L., Christina L., Douglas L., Mabel L., Nakusp, Okanagan Landing, Oliver, Osoyoos, Penticton, Salmon Arm, Sugar L., Vernon (Buckell, 1938); Burns L., Campbell R., Chilliwack, Christina L., Crawford Bay, Enderby, Forbes Landing, Florence L., Hatzic L., Hope, Kaslo, Lulu I., Nanaimo district, Nelson, Penticton, Revelstoke, Thetis

L., Vancouver, Vernon, Wellington Lakes (Whitehouse, 1941); Vancouver I. N to Campbell R., Vancouver E through the Cascades, Okanagan, and Kootenay Valleys, and N to Canim L., Bridge L., and Burns L. (Walker, 1953).

Agassiz, 16.vii.1926 (R. Glendenning) *CNC*; Brunson L., 25.vi.1961 (G. G. E. Scudder) *UBC*; Burnaby L., 11.ix.1974 (M. Hämäläinen) *Hämäläinen Coll.*; Courtenay, 22.vi.1974 (G. G. E. Scudder) *UBC*; Cowichan L., 11.vii.1967 (R. L. Morley) *UV*; Duncan, 6.vii.1968 (E. Poilievre) *UV*; Fairmont, 28.vii.1926 (A. A. Dennys) *CNC*; Haney, UBC Forest, 6-7.vii.1953 (Edith Mason) *CNC*; Hatzic L., 24.vii.1953 (Edith Mason) *CNC*; Keremeos, 3.vii.1923 (C. B. Garrett) *CNC*; Matheson L., 14.vi.1967 (D. Brown) *UV*; McQueen L., Kamloops, 25.vi.1973 (H. J. Teskey) *CNC*; Nelson, 24.viii.1974, 28.viii.1974 (G. McPetridge) *UBC*; Okanagan Landing, 20.vi.1974 (B. & D. Ward) *UBC*; Okanagan Falls, White L. Rd., 14.vii.1974 (S. G. Cannings) *UBC*; Paul L., 20.vii.1974 (B. & D. Ward) *UBC*; Ruskin, 26.vi.1953 (W. R. M. Mason) *CNC*; Vancouver, Musqueam Reserve, 6.vii.1974 (M. Isman) *UBC*; Vaseux L., 27.vi.1974, 3.vii.1975 (R. A. Cannings) *UBC*; Vernon, 14.vi.1975 (R. A. Cannings) *UBC*; Victoria, 12.vii.1968 (L. Robinson) *UV*; Williams L., 24.vi.1961 (G. G. E. Scudder) *UBC*.

E. civile (Hagen)

Bridge L., 23.vii.1934 (E. R. Buckell) *CNC*. New to B.C.

E. clausum Morse

Penticton (Walker, 1927); Osoyoos, Penticton (Buckell, 1938); Jesmond, Penticton, Quesnel (Whitehouse, 1941); Jesmond, Osoyoos, Penticton, Quesnel (Walker, 1953).

Lower Summerland, lakeshore, 28.vi.1974 (R. A. Cannings) *UBC*; Oliver, 22.vii.1931 (R. D. Bird) *CNC*; Okanagan L., N end, 21.vi.1974 (B. & D. Ward) *UBC*; Redstone, 30.iv.1935 (E. R. Buckell) *UBC*; Vernon, 16.ix.1931 (R. D. Bird) *CNC*; Vernon, 30 mi N, 1-2.viii.1931 (R. D. Bird) *CNC*.

E. cyathigerum (Charpentier)

Ainsworth, Bear L., Kaslo (Currie, 1905); Shawnigan L., Victoria (Osburn, 1905); Peachland (Gibson, 1911); Atlin (Anderson, 1915); Chilcotin, Cranbrook (Blackmore, 1918; Gibson, 1918); Atlin, Bear L., Chilcotin, Cranbrook, Gabriola I., Nelson, Okanagan Landing, Peachland, Penticton, Prince Rupert, Royal Oak, Saanich district, Vancouver, Wellington (Walker, 1927); Paul L. (Rawson, 1934); Cultus L., Rosedale (Walker & Ricker, 1938); Bridge L., Brisco, Canim L., Chase, Chilcotin, Clinton, Creston, Douglas L., Edgewater, Falkland, Hat Cr., Humphrey's L. (Kamloops), Invermere, Kamloops, Kelly L., Lumby, 150 Mile House, Oliver, Paxton Valley, Penticton, Premier L., Prince George, Princeton, Quesnel, Redstone, Rollings L. (Lumby), Salmon Arm, Salmon L., Shuswap Falls, Soda Cr., Stump L., Tailla L., Vernon, Victoria, Winfield, Williams L. (Buckell, 1938); Okanagan L. (Clemens *et al.*, 1939); Atlin, Burns L.,

Chilliwack, Christina L., Clinton, Courtenay, Crawford L., Cultus L., Florence L., Forbes Landing, Harrison Bay, Golden, Hope, Kamloops, Kaslo, Lower Campbell R., Lower Fraser Valley, Mud L. (near Campbell R.), Nanaimo district, Penticton, Smithers, Sooke, Terrace, Thetis L., Vanderhoof, Vernon, Wellington (Whitehouse, 1941); generally distributed in the S half of B.C. from Victoria E to the W-trench of the Rocky Mts. and N in the Okanagan Valley, and in centre to Terrace and Prince George, Atlin (Walker, 1953); Forbidden Plateau (Hardy, 1955).

Agassiz, 4.vi.1927 (R. Glendenning) *CNC*; Aiyansh, 17 mi N, 6.vii.1974 (K. M. Stuart) *UBC*; Anthony L., near Lac la Hache, 30.vi.1942 (G. A. Hardy) *BCPM*; Aspen Grove, 20.vi.1973 (H. J. Teskey) *CNC*; Atlin, 17.vi.1955, 25.vi.1955 (B. A. Gibbard), 5.vii.1955, 12.vii.1955 (H. J. Huckel) *CNC*; Bednesti L., near Prince George, 30.vi.1974 (K. M. Stuart) *UBC*; Big Boulder Cr., 156 mi N of Prince George, 9.vii.1974 (G. G. E. Scudder) *UBC*; Blue River area, N of Cassiar, 27.vi.1974 (G. G. E. Scudder) *UBC*; Brunson L., 25.vi.1961 (G. G. E. Scudder) *UBC*; Chase, Turtle Pond, 30.vii.1974 (R. J. Cannings) *UBC*; Coquitlam, Lost L., 10.ix.1974, 22.ix.1974 (M. Hämäläinen) *Hämäläinen Coll.*; East L., Becher's Prairie, Chilcotin, 28.v.1963 (G. G. E. Scudder) *UBC*; Goldstream, 12.vi.1923 (K. F. Auden) *CNC*; Haney, Blaney Cr., 26.viii.1974 (A. Grass) *UBC*; Jesmond, 7.vii.1937, 20.vi.1938 (E. R. Buckell) *UBC, CNC*; Jones L., 148 Mile, Cariboo, 29.vi.1942 (G. A. Hardy) *BCPM*; Jordan Meadows, 12.viii.1928 (W. Downes) *CNC*; Kelly L., near Clinton, 7.vii.1942 (G. A. Hardy) *BCPM*; Keremeos, 3.vii.1923 (C. B. Garrett) *CNC*; King Salmon L., 58°43'N 132°54'W, 1750 ft, 14.vii.1960 (W. W. Moss) *CNC*; Lac la Hache, 27.vi.1942 (G. A. Hardy) *BCPM*; Lake Errock, Deroche, 3.vii.1953 (Edith Mason) *CNC*; Lakelse Hot Springs, 14.vi.1960 (C. H. Mann) *CNC*; Lloyd's Cr., 23.v.1956 (E. J. Crossman) *UBC*; Mahoney L., 1.vi.1974, 17.vi.1974 (S. G. Cannings), 17.v.1975 (R. J. Cannings) *UBC*; Manning Prov. Park, Pinewoods, 13.vi.1952 (G. P. Holland) *CNC*; Marion L., 24.vi.1964, 12.vii.1964, 25.vii.1964 (*CNC*); Masset, Q.C.I., 6.vi.1957 (E. E. MacDougall) *CNC*; Matheson L., 14.vi.1967 (D. Brown, R. L. Morley) *UV*; McQueen L., Kamloops, 14.vi.1973, 25.vi.1973 (H. J. Teskey) *CNC*; Meadow L., 9.vii.1937 (E. R. Buckell) *UBC*; 16 mi S of B.C.-Yukon border, 11.vii.1974 (K. M. Stuart) *UBC*; Mesachie L., 11.vii.1967 (R. Storey) *UV*; Mile 337, Alaska Hwy., 9.vii.1974 (G. G. E. Scudder) *UBC*; Minnie L., 11.viii.1938 (E. R. Buckell) *UBC*; Moose L. marsh, Mt. Robson Prov. Park, 20.vi.1974, 7.vii.1974, 3.viii.1974 (R. J. Cannings) *UBC*; Newgate, 14.vi.1974 (R. J. Cannings) *UBC*; Okanagan Falls, 15.v.1953 (D. F. Hardwick) *CNC*; Okanagan Falls, White L. Rd., 14.vii.1974 (S. G. Cannings) *UBC*; Okanagan Landing, 20.vi.1974 (B. & D. Ward) *UBC*; Oliver, 15.v.1953 (J. E. H. Martin), 18.v.1953 (J. H. McGillis) *CNC*; Oliver, Sawmill L., 15.v.1975 (A. P. Mackie) *BCPM*; Osoyoos, 21.v.1923 (C. B. Garrett) *CNC*; Osoyoos, 2.vii.1937 (E. R. Buckell) *UBC*; Oyama,

Cougar Canyon, 29.vii.1975 (R. A. Cannings) *UBC*; Paul L., 3.vi.1956 (E. J. Crossman), 20.vii.1974 (B. & D. Ward) *UBC*; Penticton, Mac's L., 13.vi.1974 (R. A. & S. G. Cannings), 17.vi.1974, 26.v.1974 (S. G. Cannings), 29.vi.1974 (R. A. Cannings), 13.v.1975 (R. J. Cannings) *UBC*; Pinantan L., 29.v.1956, 3.vi.1956, 7.vii.1956 (E. J. Crossman) *UBC*; Port Clements, 20.vi.1957 (E. E. MacDougall) *CNC*; Pouce Coupe, 14.vi.1961 (A. R. Brooks) *CNC*; Prince George, 7 mi W, 30.vi.1974 (K. M. Stuart) *UBC*; Rock L., Becher's Prairie, Chilcotin, 28.v.1963 (G. G. E. Scudder) *UBC*; Quartz L., Wasa, 20.vii.1974 (K. Lloyd) *UBC*; Rolley L., 25.vii.1974 (K. M. Stuart) *UBC*; Royal Oak, 17.vii.1917 (W. Downes), 8.ix.1925 (G. J. Spencer) *CNC*; Shownigan L., 15.viii.1967 (R. Storey) *UV*; Sorenson L., Cariboo, 14.vi.1961 (G. G. E. Scudder) *UBC*; Spectacle L., 4.vii.1968 (W. Dyson), 3.vi.1969 (M. Campbell) *UV*; Springhouse, Cariboo, 18.vi.1961 (G. G. E. Scudder) *UBC*; Sproat L., 24.vii.1967 (R. L. Morley) *UV*; Sproat L., 22.vi.1955 (R. Coyles) *CNC*; Squiness L., Tweedsmuir Prov. Park, 17.vii.1975 (M. McColl) *UBC*; Summit L., Mile 392 Alaska Hwy., 4200 ft, 21.vii.1959, 27.vii.1959 (R. E. Leech) *CNC*; Terrace, 7.vi.1960, 8.vi.1960, 17.vi.1960 (B. S. Heming), 9.vi.1960 (C. H. Mann), 16.vi.1960 (W. W. Moss), 16.vi.1960, 22.vi.1960, 23.vi.1960 (C. H. Mann), 18.vi.1960, 30.vi.1960 (R. J. Pilfrey) *CNC*; Topley, 18.vii.1973 (J. Belicek) *CNC*; Vaseux L., 23.v.1959 (R. E. Leech) *CNC*; Vaseux L., 26.vii.1975 (R. J. Cannings), 3.viii.1975 (R. A. Cannings) *UBC*; Vaseux L., W side, 27.vi.1974 (R. A. Cannings) *UBC*; Victoria, 20.x.1972 (L. Stanley) *UV*; Wells Gray Prov. Park, Five Finger L., 27.vi.1974 (R. A. Cannings), Placid L., 23.vi.1974 (R. A. Cannings) *UBC*; Westbank, 30.vi.1955 (W. Wakefield) *CNC*; Williams L., 24.vi.1961 (G. G. E. Scudder) *UBC*; Yellowhead L., 4.vii.1974 (R. J. Cannings) *UBC*.

E. ebrium (Hagen)

Oliver, Penticton (Walker, 1927); Boswell, Bridge L., Falkland, Kamloops, Summit L. (Prince George), Tappen, Vernon, Wasa (Buckell, 1938); Burns L., Chaperon L., Crawford Bay, Enderby, Penticton (Whitehouse, 1941); Boswell, Bridge L., Chaperon L., Crawford Bay, Falkland, Oliver, Penticton, Stanley, Summit L. (Prince George), Tappen, Vernon, Wasa (Walker, 1953).

Creston, 11.viii.1927 (A. A. Dennys) *CNC*; Oyama, Cougar Canyon, 29.vii.1975 (R. A. Cannings) *UBC*; Prince George, 27 mi W, 1.vii.1974 (K. M. Stuart) *UBC*; Skmana L., Chase, 2000 ft, 1.viii.1974 (R. J. Cannings) *UBC*; Vaseux L., W side, 27.vi.1974 (R. A. Cannings) *UBC*.

E. hageni (Walsh)

Stanley (Whitehouse, 1941; Walker, 1953). Brunson L., 25.vi.1961 (G. G. E. Scudder) *UBC*; Pinantan L., 25.v.1956 (E. J. Crossman) *UBC*; Sorenson L., Cariboo, 25.vi.1961 (G. G. E. Scudder) *UBC*; Williams L., 24.vi.1961 (G. G. E. Scudder) *UBC*.

Ischnura cervyla Selys

Kaslo (Currie, 1905); Agassiz, Langford L., Shawnigan L., Victoria (Osburn, 1905); Peachland (Gibson, 1910); Nelson, Revelstoke (Criddle, 1922); Burnaby L., Gabriola I., Nanaimo district, Nelson, Peachland, Penticton, Revelstoke, Saanich district (Walker, 1927); Chilliwack, Cultus L. district (Walker & Ricker, 1938); Aspen Grove, Bridge L., Chase, Christina L., Falkland, Kaleden, Kamloops, Lumby, Nakusp (Box L.), Okanagan Landing, Oliver, Osoyoos, Otter L. (Armstrong), Peachland, Penticton, Redstone, Revelstoke, Robson (East), Rollings L. (Lumby), Salmon Arm, Tappen, Vancouver, Vaseux L., Vernon, Victoria, Winfield (Buckell, 1938); Chilliwack, Christina L., Cloverdale, Crawford Bay, Cultus L., Departure Bay, Enderby, Florence L., Forbes Landing, Hatzic L., Hope district, Kaslo, Nanaimo district, Newcastle I., Penticton, Revelstoke, Sooke, Thetis L., Vancouver district, Vernon, Wellington Lakes (Whitehouse, 1941); Vancouver I. (Victoria N to Forbes Landing), Vancouver district E to Kootenay L., and N in the Fraser Valley to Quesnel, and including Aspen Grove, Bridge L., Chilliwack, Hope, Kamloops, Nakusp, Nelson, Osoyoos, Penticton, Redstone, Revelstoke, Robson, Vernon (Walker, 1953).

Alouette L., bog at S end 15.viii.1974, 15.viii.1974 (A. Grass) *UBC*; Bevan, Vancouver I., 6.vii.1933 (J. McDunnough) *CNC*; Burnaby L., 11.ix.1974 (M. Hämäläinen) *Hämäläinen Coll.*; Buttle L., 19.vi.1968 (M. Morley) *UV*; Coquitlam, Lost L., 22.ix.1974 (M. Hämäläinen) *Hämäläinen Coll.*; Courtenay, 22.vi.1974 (G. G. E. Scudder) *UBC*; Duncan, 14.vi.1935 (J. L. McHugh), 9.vi.1955 (J. R. McGillis) *CNC*; Goldstream, 12.vi.1923 (W. Downes) *CNC*; Haney, Blaney Cr., 15.viii.1974 (A. Grass) *UBC*; Lake Errock, Deroche, 2.vi.1953 (Edith Mason) *CNC*; Long L., Vancouver I., 9.vii.1913, 18.vii.1913 (E. M. Walker) *BCPM*; Marion L., 24.vi.1964, 12.vii.1964, 25.vii.1964 (*CNC*); McQueen L., Kamloops, 25.vi.1973 (H. J. Teskey) *CNC*; Meade Cr., 12.xii.1967 (D. Brown) *UV*; Mission City, 14.vi.1953, 28.vi.1953 (W. R. M. Mason), 15.vi.1953 (Edith Mason) *CNC*; Nanaimo, 28.vi.1953 (J. Lake) *UV*; Oliver, 10 mi N, 18.v.1958 (H. & A. Howden) *CNC*; Osoyoos, 1.vii.1974 (S. G. Cannings) *UBC*; Paul L., 20.vii.1974 (B. & D. Ward) *UBC*; Penticton, Mac's L., 13.vi.1974 (S. G. & R. A. Cannings), 26.v.1974 (S. G. Cannings), 13.v.1975 (R. J. Cannings) *UBC*; Pinantan L., 7.vii.1956 (E. J. Crossman) *UBC*; Pitt Dykes, 15.vi.1974 (K. M. Stuart) *UBC*; Quesnel, 10.vii.1937 (E. R. Buckell) *UBC*; Richter Pass, 7.vi.1975 (R. J. Cannings), Round L., 26.vi.1974 (S. G. Cannings) *UBC*; Rolley L., 25.vii.1974 (K. M. Stuart) *UBC*; Royal Oak, 11.vii.1917, 31.vii.1917 (W. Downes) *CNC*; Ruskin, 26.vi.1953, 1.vii.1953 (W. R. M. Mason) *CNC*; Saanich, Swan L., 11.viii.1967 (R. Storey) *UV*; Vaseux L., 16.v.1959 (R. E. Leech) *CNC*; Vaseux L., 3.viii.1975 (R. A. Cannings) *UBC*; Vaseux L., W side, 30.v.1974 (S. G. Cannings), 27.vi.1974 (R. A. Cannings) *UBC*.

I. damula Calvert

Liard Hot Springs (Walker, 1953).

Liard R. Hot Springs, 9-10.vii.1959 (E. E. MacDougall), 24.viii.1962 (R. E. Leech, P. J. Skitsko) *CNC*.

I. erratica Calvert

Langford L., Vancouver (Osburn, 1905); Langford L., Sahtlam, Ucluelet, Victoria (Walker, 1927); Cultus L. district (Walker & Ricker, 1938); Cultus L., Sooke (Whitehouse, 1941); Cultus L., Langford L., Sahtlam, Sooke, Ucluelet, Victoria (Walker, 1953).

Haney, 16.vi.1948 (McM.); Jordan R., 12.vii.1948 (R. Forbes) *BCPM*; Lake Errock, Deroche, 2.vi.1953 (Edith Mason) *CNC*; Port Renfrew, 28.v.1968 (R. Morley) *UV*; Royal Oak, 20.v.1917 (R. C. Treherne) *CNC*.

I. perparva Selys

Langford L., Victoria (Osburn, 1905); Nanaimo Reservoir, Penticton, Prospect L., Royal Oak, Saanich district, Wellington (Walker, 1927); Bridge L., Kaleden, Lumby, Oliver, Osoyoos, Peachland, Penticton, Revelstoke, Robson (East), Similkameen, Vaseux L., Victoria (Buckell, 1938); Cultus L. district (Walker & Ricker, 1938); Campbell R., Chilliwack, Cultus L., Enderby, Forbes Landing, Harrison Bay, Hatzic L., Hope, Lulu I., Revelstoke Valley, Vancouver (Whitehouse, 1941); Vancouver I. (Victoria to Forbes Landing), Vancouver E to Robson, N chiefly in the Okanagan Valley, to Bridge L., Revelstoke, Harrison Bay, also Chilliwack, Hope, Lumby, Oliver, Osoyoos, Penticton, Similkameen (Walker, 1953).

Agassiz, 15.vi.1926 (H. H. Ross, R. Glendenning), 21.viii.1927 (H. H. Ross) *CNC*; Bowser, 15.vi.1955 (W. J. Brown), 25.vi.1955 (R. Coyles) *CNC*; Cayuse, 13.vii.1967 (R. Morley) *UV*; Comox, 15.vii.1933 (J. McDunnough) *CNC*; Courtenay, 22.vi.1974 (G. G. E. Scudder) *UBC*; Cowichan L., 6.vi.1955 (R. Coyles) *CNC*; Francis Park, near Victoria, 10.vi.1969 (J. M. C.) *UV*; Goldstream, 12.vi.1923 (K. F. Auden, W. Downes) *CNC*; McIntyre, 14.v.1975 (R. J. Cannings) *UBC*; Mission City, 5.vi.1953, 14.vi.1953, 15.vi.1953, 1.vii.1953 (Edith Mason) *CNC*; Nanaimo, 23.v.1925, 26.v.1925 (G. J. Spencer) *UBC*; Oliver, 14.v.1975 (R. J. Cannings) *UBC*; Oliver, 10 mi N, 18.v.1958 (H. & A. Howden) *CNC*; Penticton, Mac's L., 13.vi.1974 (S. G. & R. A. Cannings), 13.v.1975 (R. J. Cannings) *UBC*; Shuswap Valley, 2.ix.1932 (E. R. Buckell) *CNC*.

Nehalennia irene (Hagen)

Nelson, Revelstoke (Walker, 1927); Chase, Salmon Arm (Buckell, 1938); Summit L. (Prince George), Williamson L. (Revelstoke district) (Whitehouse, 1941); Chase, Nelson, Revelstoke, Salmon Arm, Summit L., Vanderhoof, Williamson L. (Walker, 1953).

Prince George, 27 mi W, 1.vii.1974 (K. M. Stuart) *UBC*; Revelstoke, 2.vii.1973 (H. J. Teskey) *CNC*; Sorenson L., Cariboo, 14.vi.1961 (G. G. E. Scudder)

UBC; Terrace, 18 mi SW, 17.vii.1960 (B. S. Heming) CNC; Wells Gray Prov. Park, Five Finger L., 21.vi.1974 (R. A. Cannings) UBC.

Suborder Anisoptera

Family Aeshnidae

Aeshna californica Calvert

B.C. (Hagen, 1875); Langford L., Victoria (Osburn, 1905); Departure Bay, Diver L., Peachland, Victoria (Walker, 1912); Goldstream, Malahat, Nanaimo district, Newcastle I., Okanagan Falls, Saanich district, Sahtlam, Victoria (Walker, 1927); Aspen Grove, Salmon Arm, Squilax, Tatla L., Vancouver, Vernon, Victoria, Westbank (Buckell, 1938); Cultus L., Liumchin Cr., Sumas Canal, Sumas Mt. (Walker & Ricker, 1938); Chilliwack, Crawford Bay, Cultus L., Florence L., Forbes Landing, Kaslo, Nanaimo district, Newcastle I., Sooke, Thetis L., Vancouver, Wellington Lakes (Whitehouse, 1941); Adams L., Aspen Grove, Crawford Bay, Cultus L., Departure Bay, Florence L., Forbes Landing, Kaslo, Liumchin Cr., Malahat, Osoyoos, Saanich district, Salmon Arm, Sooke, Sumas Canal, Tatla L., Thetis L., Vernon, Wellington Lakes, Westbank (Walker, 1958).

Abbotsford, 10.vi.1953 (W. R. M. Mason) CNC; Bevan, Vancouver I., 3.vii.1933 (J. McDunnough) CNC; Bowen I., 31.v.1969 (R. Carcasson) BCPM; Chase, 27.v.1938 (CNC); Galiano I., Spanish Hills, 13.vi.1975 (G. G. E. Scudder) UBC; Goldstream, 19.v.1969 (J. M. Campbell) UV; Jordan Meadows, 12.vii.? (W. Downes) CNC; Kemp L., Vancouver I., 27.vii.1969 (C. N. Wolfe & J. M. Campbell) UV; Lumby, 14.vii.1932 (E. R. Bucknell) UBC; Mahoney L., near Okanagan Falls, 17.vi.1974 (S. G. Cannings) UBC; Okanagan Falls, pond near White L., 7.vi.1974 (S. G. Cannings) UBC; Oliver, 16.v.1923, 26.v.1923, 28.v.1923, 12.vi.1923, 15.vi.1923 (C. B. Garrett), 3.vi.1923, 3.vii.1923 (J. McDunnough), 8.vi.1923 (E. R. Buckell), 15.v.1953 (J. E. H. Martin), 27.v.1953 (D. F. Hardwick) CNC; Oliver, Meyers Flat, 14.v.-1975 (R. J. Cannings) UBC; Osoyoos, 13.v.1953 (D. F. Hardwick) CNC; Osoyoos L., N end, 18.vi.1974 (S. G. Cannings) UBC; Penticton, Mac's L., 26.v.1974, 6.vii.1974 (S. G. Cannings), 13.vi.1974 (R. A. Cannings) UBC; Riske Cr., pond to E, 17.vi.1963 (G. G. E. Scudder) UBC; Royal Oak, 15.vii.1917 (W. Downes) CNC; Springhouse, Cariboo, 17.vi.1963 (G. G. E. Scudder) UBC; Vaseux L., 9.v.1974 (R. J. Cannings), 9.v.1974, 30.v.1974 (S. G. Cannings), 27.vi.1974 (R. A. Cannings) UBC; Vaseux L., W side, 27.v.1974 (R. A. Cannings) UBC; Wynndel, 8.v.1958 (H. & A. Howden) CNC.

A. canadensis Walker

Vancouver, Victoria (Walker, 1912); Departure Bay (Gibson, 1914); Nanaimo district, Vancouver, Victoria (Walker, 1927); Malakwa, Salmon Arm, Summit L. (Prince George) (Buckell, 1938); Chilliwack (Walker & Ricker, 1938); Chilliwack, Forbes Landing, Harrison Bay, Hope, Vancouver (Whitehouse,

1941); Chilliwack, Forbes Landing, Harrison Bay, Hope, Malakwa, Nanaimo district, Prince George, Salmon Arm, Vancouver, Victoria (Walker, 1958).

Aleza L., vii.1935 (H. Barclay) UBC; Alouette L., bog at S end, 15.viii.1974 (A. Grass) UBC; Courtenay, 13.viii.1935 (F. C. Whitehouse) UBC; Goldstream, 26.viii.1923 (K. F. Auden) CNC; Marion L., vii.1964 (CNC); Oyama, Cougar Canyon, 29.vii.1975 (R. A. Cannings) UBC; Sugar L., 19.vi.1938 (D. B. Waddell) CNC.

A. constricta Say

B.C. (Walker, 1912); Okanagan Landing (Walker, 1927); Creston (Buckell, 1938); Enderby (Whitehouse, 1941); Creston, Enderby Okanagan Landing (Walker, 1958).

Currie (1905) reports this species from Shawnigan L. and Wellington, but these records refer to either *A. palmata* or *A. umbrosa*.

Armstrong (W. Downes) CNC; Nicola, 25.viii.1923 (E. R. Buckell) CNC; Oliver, 17.viii.1923, 22.viii.1923 (C. B. Garrett), 29.viii.1953 (D. F. Hardwick) CNC.

A. eremita Scudder

Peachland (Gibson, 1910); Peachland, Vancouver (Walker, 1912); Departure Bay (Gibson, 1914); Atlin (Anderson, 1915); Daisy L. (Garibaldi) (Hardy, 1927); Atlin, Daisy L., Peachland, Vancouver, Wellington (Walker, 1927); Paul L. (Rawson, 1934); Aspen Grove, Bridge L., Canal Flats, Clinton, Douglas L., Edgewater, Falkland, Kamloops, Kaslo, Malakwa, Prince George, Princeton, Salmon Arm, Sinclair, Soda Cr., Tappen, Topley, Vernon, Winfield (Buckell, 1938); Atlin, Courtenay, Field, Forbes Landing, Harrison Bay, Kamloops, Masset, McBride, Mount Robson, Tête Jaune (Whitehouse, 1941); Aspen Grove, Atlin, Canal Flats, Columbia R. trench, Courtenay, Daisy L., Edgewater, Forbes Landing, Fort Nelson, Harrison Bay, Kamloops, Kaslo, Masset district, Princeton, Prince George, Salmon Arm, Vernon, Wellington (Walker, 1958).

Beaver L., 7.viii.1932 (R. D. Bird) UBC; Celistia, Crater L., 2.viii.1974 (R. J. Cannings) UBC; Corbett L., near Merritt, 21.ix.1974 (S. G. Cannings) UBC; Enderby, 19.ix.1932 (J. Wynne) UBC; Lakelse L., 14.vii.1955 (G. P. Holland) CNC; Marion L., 18.viii.1965 (CNC); Minnie L., 11.viii.1938 (E. R. Buckell) CNC; Moose L. marsh, Mt. Robson Prov. Park, 27.viii.1974 (R. J. Cannings) UBC; Okanagan Falls, pond near White L., 28.vii.1974 (R. J. Cannings) UBC; Oyama, Cougar Canyon, 29.vii.1975 (R. A. Cannings) UBC; Pane L., 21.viii.1947 (G. J. Spencer) UBC; Rollings L., 2.ix.1932 (R. D. Bird) UBC; Skmana L., Chase, 1.viii.1974 (R. J. Cannings) UBC; Squamish, 25.viii.1961 (G. G. E. Scudder) UBC; Tow Hill, Q.C.I., 20.vii.1974 (R. A. Cannings) UBC.

A. interrupta Walker

Nelson (Criddle, 1922); Falkland, Golden, Hat Cr., Kaleden, Lumby, Malakwa, Nicola L., Oliver, Palling, Peachland, Prince George, Princeton, Quesnel, Revel-

stoke, Salmon Arm, Sinclair, Slocan L., Soda Cr., Vernon, Winfield (Buckell, 1938). Criddle (1922) and Buckell (1938) did not identify material to subspecies.

A. interrupta interna Walker—Kaslo (Walker, 1912); Nelson (Walker, 1927); Field, Golden, Nelson (Whitehouse, 1941); Field, Golden, Kaslo, Nelson (Walker, 1958).

A. interrupta interrupta Walker—Inverness (Walker, 1912); Departure Bay (Gibson, 1914); Gabriola I., Loon L., Nanaimo district, Prince Rupert, Prospect L. (Walker, 1927); Departure Bay, Forbes Landing, Inverness, Vancouver (Walker, 1958).

A. interrupta lineata Walker—Quesnel Forks as *A. interrupta nevadensis* Walker (Blackmore, 1918); Armstrong, Okanagan Landing, Peachland as *A. interrupta nevadensis* (Walker, 1927); Cultus L. as *A. interrupta nevadensis* (Walker & Ricker, 1938); McBride, Mt. Robson, Tête Jaune, and as subspecies *nevadensis* from Vancouver to Forbes Landing (Whitehouse, 1941); Fort Nelson (Walker, 1951); Fort Nelson, McBride, Mt. Robson, Tête Jaune, Yellowhead Pass (Walker, 1958).

The validity of the various subspecies is not clear in this species. However, until the status has been clarified, it seems worth while to report the new records under the subspecies as they key out in Walker (1958). Whitehouse (1941) states that many of the records of this species throughout the Okanagan District and northward to Kamloops, etc., are referable to *nevadensis*; *nevadensis* is considered to be the same as *lineata* by Walker (1958).

A. interrupta interna—Ferne, 18.vii.1969 (T. G. Gray) *UV*; Kaleden, 4.vii.1933 (E. R. Buckell) *CNC*; Minnie L., 11.vii.1938 (E. R. Buckell) *CNC*; near Oyama L., 20.viii.1975 (R. A. Cannings) *UBC*.

A. interrupta interrupta—Courtenay, 13.viii.1935 (F. C. Whitehouse) *BCPM*; Nicola L., 26.viii.1932 (R. D. Bird) *CNC*; Peachland, 22.ix.1931 (R. D. Bird) *CNC*; Quesnel, 18.viii.1932 (R. D. Bird) *CNC*; Spectacle L., Vancouver I., 4.vii.1968 (W. Dyson) *UV*.

A. interrupta lineata—Celista, Crater L., 2.viii.1974 (R. J. Cannings) *UBC*; Chase, 31.vii.1974 (R. J. Cannings) *UBC*; Chase, Turtle Pond, 1.viii.1974 (R. J. Cannings) *UBC*; Clearwater, 19.vii.1975 (R. A. Cannings) *UBC*; Courtenay, 21.vii.1937 (F. C. Whitehouse) *CNC*; Hilton, Ferry Cr., 27.vi.1974 (B. & D. Ward) *UBC*; Lac la Hache, 5.vii.1942 (G. A. Hardy) *BCPM*; Lonely L., Vancouver I., 10.viii.1915 (E. M. Walker) *CNC*; Midday Valley, 11.vii.1920 (N. L. Cutler) *BCPM*; Midday Valley, Merritt, vii.1924 (*UBC*); Minnie L., 11.viii.1938 (E. R. Buckell) *CNC*; Nicola, 25.viii.1923 (E. R. Buckell) *CNC*; Oliver, 8.vi.1923, 19.vi.1923 (E. R. Buckell), 2.viii.1923, 13.viii.1923 (C. B. Garrett) *CNC*; Osoyoos L., N end, 25.vii.1974 (S. G. Cannings) *UBC*; Oyama, Cougar Canyon, 29.vii.1975 (R. A. Cannings) *UBC*; Paul L., 27.v.1956 (E. J. Crossman) *UBC*; Peachland, 4.viii.? (J. H. Wallis) *CNC*; Penticton, Mac's L., 6.vii.1974, 7.viii.1974 (S. G. Cannings), 27.vii.1974 (R. J. Cannings) *UBC*; Princeton, Whipsaw Cr., 5.vii.1974 (S. G. Cannings) *UBC*; Riske Cr., pond to E, 17.vi.1963 (G. G. E. Scudder) *UBC*;

Skmana L., Chase, 1.viii.1974 (R. J. Cannings) *UBC*; Soda Cr., 24.viii.1950 (G. J. Spencer) *UBC*; Springhouse, Cariboo, 7.ix.1975 (J. R. Spence) *UBC*; Vernon, 2.viii.1932 (E. R. Buckell) *UBC*; White L., Okanagan Falls, 14.vii.1974 (S. G. Cannings) *UBC*.

A. juncea Linnæus

Kaslo (Currie, 1905); Inverness (Walker, 1912); Grouse Mt., Inverness, Prince Rupert (Walker, 1927); Field, Kamloops, Leancoil, Lumby, Penticton, Quesnel, Sinclair (Buckell, 1938); Liumchin Cr. (Cultus L.) (Walker & Ricker, 1938); Atlin, Courtenay, Field, Forbes Landing, Forbidden Plateau, Kamloops, Mt. Robson, Port Clements (Queen Charlotte Is.), Waugh & Goldstream Cr. junction (Whitehouse, 1941); Forbidden Plateau (Hardy, 1955); Atlin, Cultus L., Field, Forbidden Plateau, Kamloops, Leancoil, Lumby, Penticton, Prince Rupert, Queen Charlotte Is., Quesnel, Sinclair (Walker, 1958).

Atlin, 2200 ft, 3.viii.1955 (B. A. Gibbard) *CNC*; Fort Nelson, 16.vii.1949 (J. K. Morie) *UBC*; Fort Nelson, 17.viii.1952 (F. I. S.) *CNC*; Goldstream, 4.vii.1937 (F. C. Whitehouse) *UBC*; Juskatla, Q.C.I., 10.vi.1957 (E. E. MacDougall) *CNC*; Lower Post, 19.viii.1948 (W. R. Mason) *CNC*; Minnie L., 11.viii.1938 (E. R. Buckell) *CNC*; Tlell, Q.C.I., 11.viii.1974 (R. A. Cannings) *UBC*; Tow Hill, Q.C.I., 12.viii.1974 (R. A. Cannings) *UBC*; Vaseux L., 25.vii.1975 (R. A. Cannings) *UBC*.

A. multicolor Hagen

Victoria (Hagen, 1875); Langford L., Vancouver, Victoria (Osburn, 1905); Ainsworth (Currie, 1905); Ainsworth, Departure Bay, Diver L., Loon L. (Alberni), Victoria (Walker, 1912); Departure Bay, Fitzgerald, Nanaimo district, Newcastle I., Victoria, Wellington Lakes (Walker, 1927); Chilliwack (Walker & Ricker, 1938); Adams L., Salmon Arm, Squilax, Victoria (Buckell, 1938); Chilliwack, Christina L., Cloverdale, Courtenay, Crawford Bay, Cultus L., Departure Bay, Florence L., Forbes Landing, Hatzic L., McBride, Nanaimo district, Newcastle I., Thetis L., Wellington Lakes (Whitehouse, 1941); Adams L., Chilliwack, Christina L., Courtenay, Crawford Bay, Florence L., Forbes Landing, Enderby, Hatzic L., Kootenay L., McBride, Nanaimo district, Salmon Arm, Squilax, Thetis L., Vancouver (Walker, 1958).

Galiano I., N end, 11.vii.1975, 12.viii.1975 (G. G. E. Scudder) *UBC*; Elk L., Saanich, 17.vii.1967 (R. Storey) *UV*; Nanaimo, 3.vii.1969 (W. Lake) *UV*; Oliver, 19.vii.1923 (E. M. Walker), 22.vii.1931, 25.viii.1931 (R. D. Bird), 4.viii.1933, 4.vii.1934 (E. R. Buckell) *UBC*; Osoyoos, 2.vii.1927 (E. R. Buckell) *UBC*; Osoyoos, Haynes Point, 18.vii.1974 (S. G. Cannings) *UBC*; Paul L., Kamloops, 20.vii.1974 (B. & D. Ward) *UBC*; Penticton, Mac's L., 29.vi.1974, 12.vii.1974 (S. G. Cannings) *UBC*; Pinantan L., 16.vii.1956 (E. J. Crossman) *UBC*; Shawnigan L., 15.viii.1928 (W. Downes) *UBC*; Vancouver, 25.vi.1974 (H. Nordan) *UBC*; Vernon, 7.vii.1926 (D. G. Gillespie) *CNC*.

A. palmata Hagen

B.C. as *A. constricta* (Hagen, 1875); Departure Bay, Glacier, Kaslo, Peachland, Penticton, Shawnigan L., South Fork Cr., Victoria (Walker, 1912); Atlin, Departure Bay, Gabriola I., Nanaimo district, Nelson, Newcastle I., Okanagan L., Penticton, Prince Rupert, Prospect L., Revelstoke, Wellington (Walker, 1927); Paul L. (Rawson, 1934); Chilliwack, Cultus L. (Walker & Ricker, 1938); Aspen Grove, Boswell, Bridge L., Burns L., Cranbrook, Douglas L., Falkland, Field, Golden, Hat Cr., Hazelton, Humphrey's L. (Kamloops), Kamloops, Kaslo, Loon L. (Salmon Arm), Mabel L., Malakwa, Moyie, Nakusp, Nelson, Okanagan Landing, Oliver, Peachland, Premier L., Prince George, Quesnel, Revelstoke, Robson (East), Rollings L. (Lumby), Salmon Arm, Shuswap Falls, Similkameen, Sinclair, Slocan L., Slocan Park, Smithers, Soda Cr., Topley, Vernon, Wasa, Westbank, Winfield (Buckell, 1938); Atlin, Chilliwack, Clinton, Courtenay, Cultus L., Field, Forbes Landing, Forbidden Plateau, Golden, Harrison Bay, Hope district, Kamloops, Lulu I., Masset, Mt. Robson, Penticton, Revelstoke, Tête Jaune, Vancouver, Vernon (Whitehouse, 1941); Forbidden Plateau (Hardy, 1955); Aspen Grove, Atlin, Chilliwack, Cranbrook, Field, Forbes Landing, Hat Cr., Kamloops, Kaslo, Nakusp, Masset, Nanaimo district, Nelson, Okanagan Landing, Oliver, Peachland, Prince George, Prince Rupert, Revelstoke, Robson, Quesnel, Tête Jaune, Vancouver, Victoria, Wasa (Walker, 1958).

Alouette L., bog at S end, 24.viii.1974 (A. Grass) *UBC*; Atlin, 2200 ft, 22.vii.1955 (B. A. Gibbard) *CNC*; Atlin L., Warm Bay, Warm Springs, 21.viii.1975 (W. G. Hazelwood) *UBC*; Bose L., lake to E, 14.viii.? (*UBC*); Braefoot, Vancouver I., 11.ix.1947 (G. A. Hardy) *BCPM*; Burnaby L., 11.ix.1974 (M. Hämäläinen) *Hämäläinen Coll.*; Burnaby Mt., 9.ix.1974, 19.ix.1974 (M. Hämäläinen) *Hämäläinen Coll.*; Clinton, 15.viii.1932 (R. D. Bird) *UBC*; Coquitlam, Mundy Park, 22.ix.1974 (M. Hämäläinen) *Hämäläinen Coll.*; Corbett L., Merritt, 21.ix.1974 (S. G. Cannings) *UBC*; J. Dean Park, 9.viii.1967 (R. Storey) *UV*; Drizzle L., Q.C.I., 12.viii.1974 (R. A. Cannings) *UBC*; Enderby, 6.ix.1936 (J. Wynne) *UBC*; Galiano I., N end, 6.viii.1975, 8.viii.1975, 12.viii.1975, 28.ix.1975 (G. G. E. Scudder) *UBC*; Golden Ears Prov. Park, Mike L., 15.viii.1974 (A. Grass) *UBC*; Goldstream, 12.viii.1923 (K. F. Auden) *CNC*; Hilton, 27.vi.1974 (B. & D. Ward) *UBC*; Hilton, Ferry Cr., 27.vi.1974 (B. & D. Ward) *UBC*; Jordan R., 12.viii.1928 (W. Downes) *CNC*; Juskatla, Q.C.I., 10.viii.1957 (E. E. MacDougall) *CNC*; Kleanza Cr., 30.vi.1960 (R. J. Palfrey, B. S. Heming) *CNC*; Kootenay Nat. Park, Floe L., 9.viii.1955 (J. R. W. McGillis) *CNC*; Lakelse, 29.viii.1958 (T. Miki) *UBC*; Langford, 21.viii.1949 (A. O. R.) *UBC*; Lillooet, 22.v.1950 (K. Yamanaka) *CNC*; Lytton, 9.viii.1931, 14.viii.1931 (G. J. Spencer) *UBC*; Manning Prov. Park, Beaver Bond, 5.vii.1974 (S. G. Cannings) *UBC*; Marion L., 18.viii.1965 (*CNC*); Mills Cross Road, Vancouver I., ix.1969 (R. Betts) *UV*; Monashee Cr., 27.vi.1974 (B. & D. Ward) *UBC*; Mt. Robson Prov. Park, Swift Current Cr., 4.viii.1974 (R. J. Cannings) *UBC*; Mt. Revelstoke, 5400 ft, 5.viii.1952

(G. P. Holland, G. J. Spencer) *CNC*; Mt. Revelstoke, 6000 ft, 1.viii.1934 (E. R. Buckell) *CNC*; Murrayville, 5.5 mi S, 2.x.1975 (G. G. E. Scudder) *UBC*; Nicola, 27.viii.1923 (E. R. Buckell) *CNC*; Osoyoos, 15.viii.1923 (C. B. Garrett) *CNC*; Paxton Valley, 24.viii.1932 (R. D. Bird) *CNC*; Penticton-Keremeos, Green Mt. Rd., 19.viii.1974 (S. G. Cannings) *UBC*; Quesnel, 10 mi E, 18.viii.1932 (R. D. Bird) *UBC*; Rose Spit, Q.C.I., 30.vii.1974 (R. A. Cannings) *UBC*; Sooke, 19.viii.1923 (K. F. Auden) *CNC*; Summerland, 10.viii.1931, 11.viii.1931, 7.ix.1932, 12.ix.1932 (A. N. Gartrell) *CNC*; Summerland, Fish L., 7.ix.1932 (A. N. Gartrell) *CNC*; Terrace, 14 mi E, 29.vi.1960 (C. H. Mann, B. S. Heming) *CNC*; Thornhill Mt., Terrace, 8.viii.1960 (C. H. Mann) *CNC*; Tlell, Q.C.I., 11.viii.1974 (R. A. Cannings) *UBC*; Tow Hill, Q.C.I., 20.vii.1974 (R. A. Cannings) *UBC*; Tow Hill Bog, Q.C.I., 29.viii.1974 (R. A. Cannings) *UBC*; Vaseux L., Venner Meadows, 8.viii.1975 (R. A. Cannings) *UBC*; Westwood, Fish L., 22 mi W, 24.viii.1932, 25.viii.1932 (R. D. Bird) *UBC*; Yellowhead Pass, 3.viii.1974 (S. G. Cannings) *UBC*.

A. septentrionalis Burmeister

Atlin (Whitehouse, 1941; Walker, 1958).

A. sitchensis Hagen

Atlin (Anderson, 1915); Field (Criddle, 1922, Buckell, 1938); Field, Prince Rupert (Walker, 1927); Atlin, Forbes Landing, Jesmond, Masset, Mt. Robson, Prince Rupert (Whitehouse, 1941); Atlin, Field, Jesmond, Mt. Robson, Prince Rupert, Queen Charlotte Is. (Walker, 1958).

Atlin, 2200 ft, 17.viii.1955 (H. Huckel) *CNC*; Oeanda R., Q.C.I., 1.viii.1974 (R. A. Cannings) *UBC*; Terrace, 19.vii.1960 (W. R. Richards) *CNC*; Tlell, Q.C.I., 11.viii.1974 (R. A. Cannings) *UBC*.

A. subarctica Walker

Field (Buckell, 1938); Courtenay, Tête Jaune (Whitehouse, 1941); Courtenay, Field, Tête Jaune (Walker, 1958).

Burns L., 4.ix.1974 (R. A. Cannings) *UBC*.

A. tuberculifera Walker

Departure Bay (Gibson, 1914); Loon L. (Nanaimo district) (Walker, 1927); Forbes Landing (Whitehouse, 1941); Vancouver I., near Wellington and Forbes Landing (Walker, 1958).

A. umbrosa umbrosa Walker

Nelson (Criddle, 1922); Departure Bay, Kootenay L. (Walker, 1927); Paul L. (Rawson, 1934); Cultus L., Vedder Crossing (Walker & Ricker, 1938); Quesnel, Smithers (Buckell, 1938); Campbell R., Cultus L., Forbes Landing, Harrison Bay, Hope, Mt. Robson, Red Pass Junction, Tête Jaune, Vancouver (Whitehouse, 1941); Kootenay L., Nelson, Quesnel, Shuswap, Smithers, Squilax (Walker, 1958).

Aleza L., vii.1935 (H. Barclay) *UBC*; Enderby, 1.x.1932 (J. Wynne) *UBC*; Nelson, 28.viii.1974 (G. McFetridge) *UBC*.

A. umbrosa occidentalis Walker

Bear L., Greenwood, Langford L., Wellington (Walker, 1912); Prospect L. (Gibson, 1918); Kootenay L., near Nelson (Criddle, 1922); Bear L., Greenwood, Prospect L., Shawnigan L., Victoria, Wellington (Walker, 1927); Creston, Falkland, Golden, Mabel L., Okanagan Landing, Quesnel, Sugar L., Vancouver, Vernon, Wasa (Buckell, 1938); Golden, Jesmond (Whitehouse, 1941); Chilliwack, Creston, Falkland, Fraser R., Golden, Greenwood, Okanagan Landing, Mabel L., Prospect L., Quesnel, Shawnigan L., Sumas Swamp, Vancouver, Vernon, Wasa, Wellington (Walker, 1958).

Agassiz, 11.ix.1926 (R. Glendenning) *CNC*; Cowichan L., 8.viii.1937 (A. M. G.) *UBC*; Hat Cr., Crown L., 2.viii.1933 (R. D. Bird) *UBC*; Kamloops, 7.vii.1946 (G. J. Spencer) *UBC*; Mt. Douglas, 11.ix.1968 (K. I. A.) *UV*; Pillar L., 25.vii.1931 (R. D. Bird) *UBC*; Royal Oak, 1.ix.1917 (W. Downes) *CNC*; Saanich, 22.x.1953 (O. Peck) *CNC*; Saanichton, 1957 (W. W.) *UBC*; Sooke, 19.viii.1923 (K. F. Auden) *CNC*; Thetis L., 23.ix.1969 (S. Briggs) *UV*.

Anax junius Drury

Goldstream, Nanaimo Reservoir (Walker, 1927); Oliver, Salmon Arm (Buckell, 1938); Chilliwack (Walker & Ricker, 1938); Florence L., Harrison Bay, Hatzic L., Osoyoos, Squawcum L., Thetis L., Wellington Lakes (Whitehouse, 1941); Florence Lakes, Forbes Landing, Harrison Bay, Oliver, Osoyoos, Salmon Arm, Squawcum L., Thetis L., Wellington Lakes (Walker, 1958).

Agassiz, 22.vii.1926 (R. Glendenning) *CNC*; Canim L., 27.vi.1932 (E. R. Buckell), 15.vi.1937 (J. D. M.) *UBC*; Penticton, Mac's L., 29.vi.1974 (S. G. Cannings) *UBC*; Summit L., 29.vi.1921 (E. R. Buckell) *CNC*.

Family Petaluridae

Tanypteryx hageni (Selys)

Liumchin Cr. (Cultus L.) (Walker & Ricker, 1938); Yale (Whitehouse, 1941); Liumchin Cr., Yale (Walker, 1958).

Garibaldi, Diamond Head, 3000 ft, vii.1969 (R. Carcasson) *BCPM*.

Family Gomphidae

Gomphus graslinellus Walsh

Christina L. (Walker, 1927; Whitehouse, 1941); Salmon Arm (Buckell, 1938); Okanagan L. (Clemens *et al.*, 1939); Christina L., Salmon Arm (Walker, 1958).

Okanagan Lake, Summerland, 28.vi.1974 (S. G. Cannings) *UBC*; Penticton, Okanagan lakeshore, 5.vii.1975 (S. G. Cannings) *UBC*; Vaseux L., 27.vi.1974 (R. A. Cannings), 1.vii.1975 (R. J. Cannings) *UBC*; Vernon, 25.vii.1923 (D. G. Gillespie) *CNC*.

G. olivaceus Selys

Peachland (Gibson, 1911); Peachland, Penticton (Walker, 1927); Pritchard (Buckell, 1938); Chase,

Okanagan L., Okanagan R., Peachland, Penticton (Walker, 1958).

Vaseux L., nymphal case 1.5 ft above water on *Scirpus acutus* stem, 26.vii.1975 (R. A. Cannings).

Octogomphus specularis (Hagen)

Cultus L. district, Sweltzer Cr. (Walker & Ricker, 1938); Cultus L., Elbow L. (Whitehouse, 1941); Chilliwack district, Cultus L., Elbow L., Harrison Bay (Walker, 1958).

Ophiogomphus colubrinus Selys

Cluculz Cr., near Prince George (Whitehouse, 1941; Walker, 1958).

O. occidentis Hagen

Peachland (Gibson, 1910); Oliver, Peachland, Sahtlam, Vancouver (Walker, 1927); Summerland (Walker, 1933); Lillooet, Pritchard (Bucknell, 1938); Cultus L., Sweltzer Cr. (Walker & Ricker, 1938); Enderby, Forbes Landing, Lower Campbell R., Nelson (Whitehouse, 1941); Cultus L., Enderby, Forbes Landing, Lillooet, Oliver, Peachland, Pritchard, Sahtlam, Vancouver (Walker, 1958).

Okanagan L. Prov. Park, 22.vi.1974 (S. G. Cannings) *UBC*; Seton L., 1.vii.1926, 2.vii.1926, 3.vii.1926, 5.vii.1926, 7.vii.1926, 20.vii.1933, 21.vii.1933, 22.vii.1933, 23.vii.1933, 3.viii.1933, 4.viii.1933, 8.viii.1933 (J. McDunnough) *CNC*; Summerland, 27.vii.1933 (A. N. Gartrell) *CNC*; Vaseux L., 14.vi.1919 (W. B. Anderson) *CNC*.

O. serevus montanus (Selys)

Nelson (Criddle, 1922; Walker, 1927); Adams L., Aspen Grove, Canim L., Chilcotin L., Mabel L., Princeton, Salmon Arm, Summerland (Buckell, 1938); Crawford Bay, Nelson (Whitehouse, 1941); Adams L., Aspen Grove, Canim L., Chilcotin L., Crawford Bay, Kootenay L., Liard Hot Springs, Mabel L., Nelson, Princeton, Salmon Arm, Summerland (Walker, 1958).

Antoine L., 10.vii.1940 (*CNC*); Fort Nelson, 17.viii.1952 (F. I. S.) *CNC*; Lac la Hache, 1.vii.1942 (G. A. Hardy) *BCPM*; Liard R. Hot Springs, 24.viii.1962 (P. J. Skitsko) *CNC*; 100 Mile House, 20.vi.1938, 28.vi.1938, 3.vii.1938 (G. S. Walley), 29.vi.1938 (J. K. Jacob) *CNC*; Quilchena R. Flats, Crest Field Pond, 28.vi.1932 (G. J. Spencer) *CNC*.

Family Cordulegasteriidae

Cordulegaster dorsalis Hagen

Vancouver (Osburn, 1905); Departure Bay, Fitzgerald, Nanaimo district (Walker, 1927); Shawnigan L. (Buckell, 1938); Sweltzer Cr. (Walker & Ricker, 1938); Departure Bay, Florence L., Forbes Landing, Goldstream, Harrison Bay district, Newcastle L., Vancouver, Wellington Lakes (Whitehouse, 1941); Departure Bay, Florence L., Forbes Landing, Harrison Bay district, Vancouver, Wellington Lakes (Walker, 1958).

Metchosin, 10.viii.1967 (R. L. Morley) *UV*; Victoria, 11.viii.1933 (W. Downes) *CNC*.

Family Macromiidae

Macromia magnifica MacLachlan

Peachland (Gibson, 1910); Pentiction (Walker, 1927); Vernon (Buckell, 1938); Christina L. (Walker, 1937; Whitehouse, 1941); Christina L., Okanagan R. between Pentiction and Dog L., Peachland, Vernon (Walker & Corbet, 1975).

Osoyoos, 1.vii.1974 (S. G. Cannings) *UBC*; Summerland, Trout Cr. Point, 13.vii.1974 (S. G. Cannings) *UBC*.

M. rickeri Walker

Cultus L., Kawkawa L., Salmon Arm (Walker, 1937); Chilliwack R., Sweltzer Cr. (Walker & Ricker, 1938); Salmon Arm (Buckell, 1938); Kawkawa L. (Whitehouse, 1941); Chilliwack R., Cultus L., Kawkawa L., Salmon Arm (Walker & Corbet, 1975).

Shuswap L., 7.viii.1942 (E. R. Buckell) *UBC*.

Family Corduliidae

Cordulia shurtleffi Scudder

Ainsworth, Kaslo (Currie, 1905); Departure Bay (Gibson, 1914); Cranbrook, Vancouver (Blackmore, 1918); Nelson, Revelstoke (Criddle, 1922); Atlin, Cranbrook district, Kootenay district, Nanaimo district, Nelson, Prince Rupert, Revelstoke, Vancouver (Walker, 1927); Paul L. (Rawson, 1934); Sumas Canal (Walker & Ricker, 1938); Aspen Grove, Barkerville, Bridge L., Canim L., Kamloops, Malakwa, Pinantan L., Prince George, Princeton, Quesnel, Revelstoke, Salmon Arm, Vancouver (Buckell, 1938); Burns L., Christina L., Courtenay, Florence L., Forbes Landing, Lower to Upper Campbell Lake, Hope, Masset, McBride, Nanaimo district, Newcastle I., Smithers, Sooke, Terrace, Thetis L., Vancouver, Wellington Lakes (Whitehouse, 1941); Fort Nelson (Walker, 1951); Ainsworth, Atlin, Boundary district, Christina L., Courtenay, Cranbrook, Forbes Landing, Fort Nelson, Hope, Kamloops, Kaslo, Kootenay district, Lower Fraser Valley, Masset, Nanaimo district, Nelson, Newcastle I., Princeton, Prince George, Prince Rupert, Revelstoke, Salmon Arm, Sooke, Sumas Canal slough, Thetis L., Vancouver (Walker & Corbet, 1975).

Agassiz, 11.v.1926 (R. Glendenning) *CNC*; Aleza L., vii.1935 (H. Barclay) *UBC*; Atlin, 25.vi.1955 (B. A. Gibbard) *CNC*; Barkerville, 17.vii.1948 (H. R. MacCarthy) *UBC*; Bednesti L., near Prince George, 30.vi.1974 (K. M. Stuart) *UBC*; Blue R. area, N. of Cassiar, 27.vi.1974 (G. G. E. Scudder) *UBC*; Clinton, 13.vi.1938 (G. S. Walley) *CNC*; Courtenay L., 12.vii.1967 (R. L. Morley) *UV*; Hixon, 28.v.1969 (T. G. Gray) *UV*; Horsefly, 4.vi? (*CNC*); Jordan Meadows, 12.vii.1928 (W. Downes) *CNC*; Jordan R., 12.vii.1928 (W. Downes) *CNC*; Merritt, 6 mi S, 26.vii.1974 (K. M. Stuart) *UBC*; Moose L. marsh, Mt. Robson Prov. Park, 7.vii.1974, 3.viii.1974 (R. J. Cannings) *UBC*; Oliver, 8.vi.1923 (E. R. Buckell) *CNC*; Paul L., 3.vi.1956 (E. J. Crossman), 20.vii.1974 (B. & D. Ward) *UBC*; Pennask L., 5.vi.1974, 23.vi.1974, 29.vi.1974 (S. Brett) *UBC*; Pentiction, Mac's L.,

29.vi.1974 (S. G. Cannings), 14.v.1975 (R. J. Cannings) *UBC*; Prince Rupert bog, 18.viii.1960 (B. S. Heming) *CNC*; Skmana L., near Chase, 1.viii.1974 (R. J. Cannings) *UBC*; Snohoosh L., 27.vi.? (*CNC*); Sproat L., 22.vi.1955 (G. E. Shewell) *CNC*; Steelhead, 2 mi S, 27.vii.1974 (K. M. Stuart) *UBC*; Summerland, Garnet Valley, 6.vi.1937 (M. F. Walsh) *UBC*; Swift Current Cr., Mt. Robson Prov. Park, 7.vii.1974 (R. J. Cannings) *UBC*; Terrace, 6 mi W, 20.vi.1960 (B. S. Heming) *CNC*; Wells Gray Prov. Park, Alice L., 22.vi.1974 (R. A. Cannings), Ray Farm woods, 16.vi.1974 (R. A. Cannings), Shadow L., 16.vi.1974, 22.vi.1974 (R. A. Cannings), Zellers L., 20.vi.1974, 22.vi.1974 (R. A. Cannings) *UBC*; Westbank, 8.vi.1937 (E. R. Buckell) *UBC*.

Epitheca canis MacLachlan

Sumas Canal slough as *Tetragoneuria* (Walker & Ricker, 1938); Burns L., Sumas area as *Tetragoneuria* (Whitehouse, 1941); Burns L., Sumas Canal (Walker & Corbet, 1975).

Matheson L., near Victoria, 4.v.1974 (R. A. Cannings) *UBC*; Vancouver, UBC campus, 16.v.1956 (R. E. Leech) *UBC*.

E. spinigera (Selys)

Victoria as *Cordulia* (Hagen, 1875); Goldstream, Langford L., Victoria as *Tetragoneuria* (Osburn, 1905); Alberni as *Tetragoneuria* (Blackmore, 1918); Alberni, Nanaimo district as *Tetragoneuria* (Walker, 1927); Cultus L., Sweltzer Cr. as *Tetragoneuria* (Walker & Ricker, 1938); Squilax, Vernon as *Tetragoneuria* (Buckell, 1938); Christina L., Crawford Bay, Cultus L., Florence Lakes, Forbes Landing, Kaslo, Sooke, Thetis Lakes as *Tetragoneuria* (Whitehouse, 1941); Alberni, Christina L., Cultus L., Forbes Landing, Goldstream, Kaslo, Kootenay L., Langford L., Nanaimo district, Sooke, Squilax, Vernon, Victoria (Walker & Corbet, 1975).

Adams L., 6.vi.1937 (E. R. Buckell) *UBC*; Enderby, 13.vi.1937 (J. Wynne) *UBC*; Goldstream, 19.v.1969 (M. Campbell) *UV*; Royal Oak, 11.vii.1917, 15.vii.1917, 20.vii.1917 (W. Downes) *CNC*; Salmon Arm, 31.vi.1938 (E. R. Buckell) *CNC*; Salmon Arm, 26.v.1971 (E. R. Buckell) *UBC*; Shownigan, 18.vi.1970 (J. Kelch) *UV*; Thetis L., 12.vi.1967 (R. L. Morley) *UV*; Vaseux L., 1.vii.1975 (R. J. Cannings) *UBC*.

Somatochlora albicincta (Burmeister)

Vancouver (Criddle, 1922); Bear L., Grouse Mt. (Walker, 1925); Garibaldi (Hardy, 1927); Garibaldi district, Grouse Mt., Nanaimo district (Walker, 1927); Liumchin Mt. (Cultus L. district) (Walker & Ricker, 1938); Arthur L. (Falkland), Revelstoke, Salmon Arm (Buckell, 1938); Atlin, Echo L., Elbow L., Field, Forbes Landing, Forbidden Plateau, Grouse Mt., Little Mountain, Masset, Kawkawa L., Peachland, Revelstoke Mt., Squawcum L. (Whitehouse, 1941); Forbidden Plateau (Hardy, 1955); Atlin, Courtenay, Field, Forbes Landing, Lihumitson (Liumchin) Mt., Nanaimo Lakes, Queen Charlotte Is., Revelstoke Mt. (6300 ft), Salmon Arm (Walker & Corbet, 1975).

Boleine L., 14.viii.1932 (R. D. Bird) *UBC*; Mesachie L., 11.vii.1968 (R. Storey) *UV*; Pachena Bay, 6.viii.1968 (C. Morley) *UV*; Summit L., Mile 392, Alaska Hwy., 21.vii.1959 (R. E. Leech) *CNC*.

S. cingulata (Selys)

Arthur L. (Falkland) (Buckell, 1938); Okanagan Valley (Walker & Corbet, 1975).

S. franklini (Selys)

Field (Walker, 1925, 1927; Buckell, 1938); Atlin (Whitehouse, 1941); Atlin, Field (Walker & Corbet, 1975).

S. hudsonica (Selys)

Atlin (Anderson, 1915); Arthur L. (Falkland), Bridge L., Kamloops, Salmon Arm (Buckell, 1938); Atlin, Burns L., Jesmond, Summit L. (Prince George) (Whitehouse, 1941); Atlin, Bridge L., Burns L., Falkland, Jesmond, Kamloops, Prince George, Salmon Arm (Walker & Corbet, 1975).

Boleine L., 14.viii.1932 (R. D. Bird) *UBC*; Springhouse, Cariboo, 18.vi.1961 (G. G. E. Scudder) *UBC*.

S. minor Calvert

Forbes Landing, Jesmond, Shuswap L. (Whitehouse, 1941); Forbes Landing, Jesmond, Shuswap L., Squilax (Walker & Corbet, 1975).

Venner Meadows, E. of Vaseux L., 5.viii.1975 (R. A. Cannings) *UBC*.

S. semicircularis (Selys)

Victoria as *Epitheca* (Hagen, 1875); Ainsworth, Bear L. (Kaslo) (Currie, 1905); Glacier, Langford L., and Port Renfrew as *S. forcipata* (Osburn, 1905); Ainsworth, Departure Bay, Lonely L., Mt. Benson (Walker, 1918); Ainsworth, Departure Bay, Field, Glacier, Langford L., Mt. Benson, Port Renfrew, Powell River, Uchuelet, near Wellington (Walker, 1925); Garibaldi (Hardy, 1927); Garibaldi district, Nanaimo district, Peachland, Prince Rupert, Wellington Lakes (Walker, 1927); Cultus L. district (Walker & Ricker, 1938); Chilcotin, Fernie, Field, Moyie, Prince George, Quesnel, Revelstoke, Slokan Park, Stanley (Buckell, 1938); Christina L., Cultus L., Florence L. district, Forbes Landing, Forbidden Plateau, Grouse Mt., Hope district, Jesmond, Mt. Robson, Sooke, Tête Jaune (Whitehouse, 1941); Forbidden Plateau (Hardy, 1955); Ainsworth, Bear L. (Kaslo), Chilcotin (near Riske Cr.), Christina L., Cultus L., Fernie, Field, Florence L. district, Forbes Landing, Garibaldi district, Glacier, Jesmond, Langford L., Moyie, Nanaimo district, Peachland, Powell River, Port Renfrew, Quesnel, Revelstoke, Stanley, Uchuelet (Walker & Corbet, 1975).

Haney, 20.vi.1948 (McM.) *UBC*; Haney, UBC Forest, 6-7.vii.1953 (Edith Mason) *CNC*; Lakelse bog, 11.vii.1960 (*CNC*); Mesachie L., 11.vii.1967 (R. Storey) *UV*; Taft, 4.viii.1938 (E. R. Buckell) *CNC*; Venner Meadows, E. of Vaseux L., 5.viii.1975 (R. A. Cannings) *UBC*.

S. septentrionalis (Hagen)

Atlin (Walker, 1927; Whitehouse, 1941; Walker & Corbet, 1975); Lakelse bog, 11.vii.1960 (*CNC*); Taft, 4.viii.1938 (E. R. Buckell) *CNC*.

S. walshi (Scudder)

Eagle R. (near Revelstoke), Forbes Landing, Harrison Bay, Tête Jaune (Whitehouse, 1941; Walker & Corbet, 1975); Lakelse bog, 11.vii.1960 (*CNC*); Taft, 4.viii.1938 (E. R. Buckell) *CNC*.

S. whitehousei Walker

Revelstoke (Walker, 1925, 1927); Jesmond (Whitehouse, 1941); Jesmond, Revelstoke Mt. (6000 ft) (Walker & Corbet, 1975).

Family Libellulidae

Erythemis collocata Hagen

Langford L., Victoria, as *Mesothemis simplicicollis* Say var *collocata* Hagen (Osburn, 1905); Goldstream, Nanaimo district, Newcastle I., Wellington Lakes (Walker, 1927); Chilliwack, near Florence L., Goldstream, Long L., Newcastle I., Pike and Long L. (Thetis L. group), Vancouver (Whitehouse, 1941); Chilliwack, Florence L., Goldstream, Long L., Newcastle I., Pike L., Vancouver as *E. simplicicollis* (Walker & Corbet, 1975).

Agassiz, 15.vi.1926 (H. H. Ross), 21.vii.1926 (R. Glendenning) *CNC*.

Leucorrhinia borealis Hagen

Chilcotin (Blackmore, 1918; Walker, 1927); Big Cr. (Chilcotin) (Buckell, 1938); Burns L., 100 Mile House, Squilax, and Meadow L. as *L. glacialis* (Whitehouse, 1941); Fort Nelson (Walker, 1951); Burns L., Canim L., Chilcotin (near Riske Cr.), Ft. Nelson, 100 Mile House, Squilax (Walker & Corbet, 1975).

Atlin, 21.vi.1955 (H. Huckel), 23.vi.1955, 25.vi.1955, 7.vii.1955 (B. A. Gibbard) *CNC*; Becher's Prairie (Box 5), Chilcotin, 21.v.1961 (G. G. E. Scudder) *UBC*; Canim L., 22.vi.1938 (G. S. Walley) *CNC*; Chase, 11.vii.1933 (E. R. Buckell) *UBC*; East L., Becher's Prairie, Chilcotin, 28.v.1963 (G. G. E. Scudder) *UBC*; Meadow L., 8.vii.1937 (E. R. Buckell) *UBC*; 153 Mile, Cariboo, 13.vi.1941 (E. R. Buckell) *UBC*; Pennask L., 5.vi.1974 (S. Brett) *UBC*; Rock L., Becher's Prairie, Chilcotin, 28.v.1963 (G. G. E. Scudder) *UBC*; Salmon Arm, 24.vi.1934 (E. R. Buckell) *UBC*; Springhouse, Cariboo, 17.vi.1963 (G. G. E. Scudder) *UBC*; Vaseux L., 27.vi.1974 (R. A. Cannings) *UBC*; White L., Cariboo, 29.v.1963 (G. G. E. Scudder) *UBC*.

L. glacialis Hagen

Departure Bay (Gibson, 1914); Okanagan Landing (Blackmore, 1918); Nanaimo district, Prince Rupert (Walker, 1927); Chase, Horsefly, Salmon Arm (Buckell, 1938); Forbes Landing, Prince George, Quesnel, Sooke, Terrace (Whitehouse, 1941); Marion L. (Proctor, 1973); Chase, Forbes Landing, Horsefly, Nanaimo district, Prince George (Summit L.), Prince Rupert, Quesnel, Salmon Arm district, Terrace (Walker & Corbet, 1975).

Moose L. marsh, Mt. Robson Prov. Park, 7.vii.1974 (R. J. Cannings) *UBC*; Penticton, Mac's L., 29.vi.1974

(S. G. Cannings) *UBC*; Wells Gray Prov. Park, Five Finger L., 21.vi.1974 (R. A. Cannings), Foot L., 23.vi.1974 (R. A. Cannings), Placid L., 23.vi.1974 (R. A. Cannings) *UBC*.

L. hudsonica (Selys)

Vancouver (Osburn, 1905); Ainsworth, Kaslo (Currie, 1905); Short Bay on Behm Channel (Fletcher & Gibson, 1907); Atlin (Anderson, 1915); Cranbrook, Vancouver (Blackmore, 1918); Cranbrook district (Gibson, 1918); Field, Vancouver (Criddle, 1922); Alberni, Elk L. (Royal Oak), Field, Grouse Mt., Prince Rupert, Vancouver, Vernon (Walker, 1927); Cultus L. district (Walker & Ricker, 1938); Aspen Grove, Chase, Chilcotin, Falkland (Arthur L., Boleine L.), Quesnel, Salmon Arm, Summit L. (Prince George) (Buckell, 1938); Atlin, Bridge L., Burns L., Cultus L., Forbes Landing, Forbidden Plateau, Hope district, Jesmond, Kaslo, Mt. Robson, Smithers, Sooke, Vanderhoof, Vancouver, Yellowhead Pass (Whitehouse, 1941); Ainsworth, Alberni, Alta L., Aspen Grove, Atlin, Bridge L., Canim L., Chase, Chilcotin (near Riske Cr.), Cultus L., Falkland district, Field, Forbidden Plateau (3200 ft), Grouse Mt. (4500 ft), Hope district, Jesmond, Kaslo, Mt. Robson, Prince George, Prince Rupert, Quesnel, Royal Oak, Salmon Arm, Smithers, Vancouver, Vanderhoof, Vernon (Walker & Corbet, 1975).

Bednesti L., near Prince George, 30.vi.1974 (K. M. Stuart) *UBC*; Blue R. area, N. of Cassiar, 27.vi.1974 (G. G. E. Scudder) *UBC*; 16 mi S of B.C.-Yukon border, 11.vii.1974 (K. M. Stuart) *UBC*; Eddentunajon L., 9.vii.1974 (K. M. Stuart) *UBC*; Garibaldi, Diamond Head, 4600 ft, 11.viii.1953 (Edith Mason) *CNC*; Jones L., 148 Mile, Cariboo, 29.vi.1942 (G. A. Hardy) *BCPM*; Lac la Hache, 26.vi.1942, 27.vi.1942 (G. A. Hardy) *BCPM*; Lower Post, 17.vi.1948 (Mason & Hughes) *CNC*; Moose L. marsh, Mt. Robson Prov. Park, 20.vi.1974, 7.vii.1974 (R. J. Cannings) *UBC*; Mt. Revelstoke, 6000 ft, 31.vii.1952 (G. P. Holland) *CNC*; Okanagan Falls, near Prather L., 30.vi.1974 (R. A. Cannings) *UBC*; Pennask L., 5.vi.1974 (S. Brett) *UBC*; Penticton, Mac's L., 14.v.1975 (R. J. Cannings) *UBC*; Snohoosh L., 27.vi.? (*CNC*); Springhouse, Cariboo, 18.vi.1961 (G. G. E. Scudder) *UBC*; Steelhead, 2 mi S, 9.viii.1974 (K. M. Stuart) *UBC*; Summit L., Mile 392 Alaska Hwy., 4500 ft, 11-14.vii.1959 (E. E. MacDougall) *CNC*; Terrace, 17.vii.1960 (W. R. Richards) *CNC*; Terrace, 25 mi N, 18.vi.1960 (B. S. Heming) *CNC*; Terrace, 32 mi N, 5.viii.1960 (B. S. Heming) *CNC*; Tweedsmuir Prov. Park, Elbow L., 28.v.1975 (M. McColl) *UBC*; Wells Gray Prov. Park, Five Finger L., 21.vi.1974 (R. A. Cannings), Zellers L., 20.vi.1974, 21.vi.1974, 22.vi.1974 (R. A. Cannings), *UBC*; White L., Cariboo, 29.v.1963 (G. G. E. Scudder) *UBC*.

L. intacta (Hagen)

Alberni, Okanagan Landing (Blackmore, 1918); Alberni, Elk L. (Royal Oak), Saanich district, Vernon district (Gibson, 1918; Walker, 1927); Chilliwack, Sumas Mt., Vedder Crossing (Walker & Ricker, 1938);

Chase, Creston, Oliver, Osoyoos, Salmon Arm, Vancouver, Victoria, Westbank (Buckell, 1938); Chilliwack, Crawford Bay, Enderby, Florence L., Goldstream Cr., Kaslo, Thetis L., Vancouver, Wellington Lakes (Whitehouse, 1941); Agassiz, Alberni, Chase, Chilliwack, Crawford Bay, Creston, Enderby, Florence L., Goldstream Cr., Kaslo, Okanagan district, Oliver, Osoyoos, Prospect L., Royal Oak, Saanich district, Salmon Arm, Thetis L. district, Vancouver, Vedder Canal, Vernon, Victoria, Wellington Lakes, Westbank (Walker & Corbet, 1975).

Chase, 30.vii.1974 (R. J. Cannings) *UBC*; Lumby, 7.viii.1956 (H. J. Teskey) *CNC*; Manning Prov. Park, Beaver Pond, 25.vii.1974 (K. M. Stuart) *UBC*; Mt. Robson Prov. Park, Swift Current Cr., 8.viii.1974 (R. J. Cannings) *UBC*; Nelson, 21.viii.1974 (G. McFetridge) *UBC*; Penticton, Mac's L., 13.vi.1974, 17.vi.1974 (S. G. & R. A. Cannings) *UBC*; Pinantan L., 7.vii.1956 (E. J. Crossman) *UBC*; Pitt Dykes, 15.vi.1974, 16.viii.1974 (K. M. Stuart) *UBC*; Skookumchuck, 12.vi.1974 (R. J. Cannings) *UBC*; Snohoosh L., 27.vi.? (*CNC*); Steelhead, 2 mi S, 26.vii.1974, 9.viii.1974 (K. M. Stuart) *UBC*; Richter Pass, Round L., 26.vi.1974 (S. G. Cannings) *UBC*.

L. proxima Calvert

Victoria (Hagen, 1875); Kaslo (Currie, 1905); Peachland (Fletcher & Gilson, 1908); Departure Bay (Gibson, 1914); Atlin (Anderson, 1915); Atlin, Loon L. (Nanaimo district), Revelstoke, Vancouver, Vernon (Walker, 1927); Aspen Grove, Bridge L., Chase, Chilcotin, Horsefly, Malakwa, Oliver, Osoyoos, Princeton, Quesnel, Revelstoke, Salmon Arm, Summit L. (Prince George), Tatla L., Westbank (Buckell, 1938); Crawford Bay, Forbes Landing, Kaslo, Newcastle I., Red Pass, Smithers, Vancouver (Whitehouse, 1941); Lower Post (Walker, 1951); Aspen Grove, Atlin, Crawford Bay, Kaslo, Loon L., Lower Post, Osoyoos, Princeton, Red Pass, Revelstoke, Smithers, Tatla L., Vancouver, Vernon, Victoria (Walker & Corbet, 1975).

Aspen Grove, 14 mi S, 26.vii.1974 (K. M. Stuart) *UBC*; Brunson L., 25.vi.1961 (G. G. E. Scudder) *UBC*; Chase, 30.vii.1974 (R. J. Cannings) *UBC*; Cowichan L., 11.vii.1967, 12.vii.1967 (R. L. Morley) *UV*; East L., Becher's Prairie, Chilcotin, 28.v.1963 (G. G. E. Scudder) *UBC*; Lac la Hache, 26.vi.1942 (G. A. Hardy) *BCPM*; Lakelse Hot Springs, 1-4.vi.1960 (C. H. Mann) *CNC*; 16 mi S of B.C.-Yukon border, 11.vii.1974 (K. M. Stuart) *UBC*; Moose L. marsh, Mt. Robson Prov. Park, 20.vi.1974, 3.viii.1974 (R. J. Cannings) *UBC*; Oyama, Cougar Canyon, 29.vii.1975 (R. A. Cannings) *UBC*; Pennask L., 5.vi.1974, 29.vi.1974 (S. Brett) *UBC*; Penticton, Mac's L., 13.vi.1974, 12.vii.1974 (S. G. Cannings) *UBC*; Pinantan L., 7.vii.1956 (E. J. Crossman) *UBC*; Quilchena Cr., near Pennask L., 24.vi.1974 (S. Brett) *UBC*; Skmana L., near Chase, 1.viii.1974 (R. J. Cannings) *UBC*; Springhouse, Cariboo, 18.vi.1961 (G. G. E. Scudder) *UBC*; Wells Gray Prov. Park, Alice L., 15.vi.1974 (R. A. Cannings), Placid L., 23.vi.1974 (R. A. Cannings), Shadow L., 23.vi.1974 (R. A. Cannings) *UBC*; White L., Cariboo, 29.v.1963 (G. G. E. Scudder) *UBC*; Yellowhead L., 4.vii.1974 (R. J. Cannings) *UBC*.

Libellula forensis Hagen

Victoria (Hagen, 1875); Langford L., Shawnigan L., Victoria (Osburn, 1905); Gabriola I., Goldstream, Nanaimo district, Newcastle I., Prospect L., Saanich district, Sahtlam, Wellington Lakes (Walker, 1927); Chilliwack, Sweltzer Cr. (Walker & Ricker, 1938); Christina L., Oliver, Osoyoos, Salmon Arm, Vancouver, Victoria (Buckell, 1938); Chilliwack, Christina L., Cultus L., Harrison Bay, Hatzic L., Hope district, Kaslo, Penticton, Newcastle I., Sooke, Upper and Lower Campbell L., Vancouver, Wellington Lakes (Whitehouse, 1941); Chilliwack, Christina L., Cultus L., Goldstream, Harrison Bay, Hope district, Kaslo, Langford L., Nanaimo district, Oliver, Osoyoos, Penticton, Prospect L., Saanich district, Sahtlam, Salmon Arm, Shawnigan L., Victoria (Walker & Corbet, 1975).

Agassiz, 21.vii.1920, 6.v.1926 (R. Glendenning) *CNC*; Bowen I., 1.vii.1968 (R. Carcasson) *BCPM*; Courtenay, 10.viii.1935 (F. C. Whitehouse) *UBC*; Duncan, 9.viii.1933 (W. Downes) *CNC*; Duncan, 7.vi.1968 (E. Poillievre) *UV*; Forbes Landing, 11.viii.1935 (F. C. Whitehouse) *UBC*; Francis L., 28.x.1968 (D. Wood) *UV*; Kemp L., Vancouver I., 27.vii.1969 (C. N. Wolfe & J. M. Campbell) *UV*; Mesachie L., 11.vii.1967 (R. L. Morley) *UV*; Oyama, 29.vii.1975 (R. A. Cannings) *UBC*; Penticton, Mac's L., 17.vi.1974 (S. G. Cannings) *UBC*; Saltspring I., 1.vi.1969 (B. Wolfe) *UV*; Spectacle L., Malahat, 4.vii.1968 (W. Dyson) *UV*; Vaseux L., 26.vii.1975 (R. A. Cannings) *UBC*.

L. julia Uhler

Victoria as *Libellula exusta* Say (Hagen, 1875), according to Osburn (1905).

Langford L., Shawnigan L. as *Ladona* (*Libellula*) (Osburn, 1905); Nanaimo district, Saanich district, Wellington Lakes (Walker, 1927); Horsefly, Oliver, Osoyoos, Salmon Arm (Buckell, 1938); Chilliwack, Christina L., Courtenay, Forbes Landing, Harrison Bay, Kawkawa L. (Hope), Sooke to Upper Campbell L. (Whitehouse, 1941); Chilliwack, Christina L., Harrison Bay, Hope, Horsefly, Langford L., Nanaimo district, Oliver, Osoyoos, Saanich district, Salmon Arm, Shawnigan L. (Walker & Corbet, 1975).

Beaver Valley, 14.vi.1941 (E. R. Buckell) *CNC*; Corbett L., 26.vii.1974 (K. M. Stuart) *UBC*; Haney, UBC Forest (*CNC*); Manning Prov. Park, Beaver Pond, 25.vii.1974 (K. M. Stuart) *UBC*; 153 Mile, Cariboo, 13.vi.1941 (E. R. Buckell) *CNC*; Skmana L., near Chase, 2000 ft, 1.viii.1974 (R. J. Cannings) *UBC*; Spectacle L., Malahat, 3.vi.1969, 4.vi.1969 (J. Simpson) *UV*; Thetis L., 12.vi.1967 (R. L. Morley) *UV*; Wells Gray Prov. Park, Foot L., 23.vi.1974 (R. A. Cannings), Placid L., 23.vi.1974 (R. A. Cannings), Zellers L., 22.vi.1974 (R. A. Cannings) *UBC*.

L. lydia Drury

Vancouver, Victoria as *Plathemis* (Osburn, 1905); Cloverdale, Rosedale (Blackmore, 1918); Boundary, Cloverdale, Goldstream, near Ladysmith, Nanaimo district, Rosedale, Saanich district, Wellington Lakes

(Walker, 1927); Sweltzer Cr., Vedder Crossing (Walker & Ricker, 1938); Oliver, Vancouver, Victoria (Buckell, 1938); Courtenay, Florence L., Forbes Landing, Hope-Princeton trail, Long L. (Wellington), Newcastle I., Osoyoos, Sooke, Thetis L., Vancouver, Wellington Lakes (Whitehouse, 1941); Boundary, Cloverdale, Cultus L., Florence L., Forbes Landing, Goldstream, Ladysmith, Long L., Nanaimo district, Oliver, Osoyoos, Rosedale, Saanich district, Sooke, Vancouver, Vedder Crossing, Victoria (Walker & Corbet, 1975).

Agassiz, 21.vii.1926 (H. H. Ross & R. Glendenning) *CNC*; Campbell R., 7.viii.1935 (F. C. Whitehouse) *UBC*; Marion L., 24.vi.1965 (*CNC*).

L. pulchella Drury

Penticton (Walker, 1927; Whitehouse, 1941); Oliver, Osoyoos, Peachland, Revelstoke, Rollings L. (Lumby), Salmon Arm, Vaseux L. (Buckell, 1938); Osoyoos, N through Oliver, Peachland, and Vernon to Salmon Arm and Revelstoke (Walker & Corbet, 1975).

Enderby, 19.vii.1939, 30.vii.1939 (J. Wynne) *BCPM*; Oyama, 29.vii.1975 (R. A. Cannings) *UBC*; Penticton, Mac's L., 21.vi.1974, 6.vii.1974 (S. G. Cannings) *UBC*; Richter Pass, 5.vi.1958 (H. & A. Howden) *CNC*; Vaseux L., 26.vii.1975 (R. A. Cannings) *UBC*.

L. quadrimaculata Linnæus

Kaslo (Currie, 1905); Langford L., Shawnigan L., Victoria (Osburn, 1905); Cranbrook (Blackmore, 1918); Cranbrook, Departure Bay, Nanaimo district, Newcastle I., Okanagan Falls, Prince Rupert, Wellington Lakes (Walker, 1927); Cultus L. district, Liumchin Cr., Sumas Canal slough, Sumas L., Sweltzer Cr. (Walker & Ricker, 1938); Aspen Grove, Big Cr. (Chilcotin), Clinton, Douglas L., Edgewater, Hat Cr. Horsefly, Oliver, Osoyoos, Princeton, Revelstoke, Rollings L. (Lumby), Salmon Arm, Steelhead, Vancouver, Victoria, Westbank (Buckell, 1938); Burns L., Chilliwack, Christina L., Courtenay, Crawford Bay, Cultus L., Enderby, Florence L., Harrison Bay, Hope, Kaslo, McBride, Smithers, Sooke, Terrace, Thetis L., Upper Campbell L., Vancouver district (Whitehouse, 1941); Marion L. (Proctor, 1973); Chilcotin (near Riske Cr.), Chilliwack, Christina L., Clinton, Cranbrook, Crawford Bay, Cultus L., Edgewater, Enderby, Harrison Bay, Hope, Horsefly, Kaslo, Kootenay L., Langford L., Lihumitson (Liumchin) Cr., Nanaimo district, Okanagan Falls, Osoyoos, Prince Rupert, Princeton, Revelstoke, Salmon Arm, Shawnigan L., Sproat L., Sumas Canal, Sumas L., Vancouver, Victoria L., Westbank (Walker & Corbet, 1975).

Agassiz, 15.vi.1926 (H. H. Ross), 15.vii.1926 (R. Glendenning) *CNC*; Beaver Valley, 14.vi.1941 (E. R. Buckell) *UBC*; Brunson L., 25.vi.1961 (G. G. E. Scudder) *UBC*; Campbell R., 8.viii.1935 (F. C. Whitehouse) *UBC*; Chase, 30.vii.1974 (R. J. Cannings) *UBC*; Christie's L., Merritt, 23.vii.1935 (F. C. Whitehouse) *BCPM*; Coldstream, 17.vi.1923 (K. F. Auden) *CNC*; Corbett L., 26.vii.1974 (K. M. Stuart) *UBC*;

Creston, 9.v.1958 (H. & A. Howden) *CNC*; Forbes Landing, 10.viii.1935 (F. C. Whitehouse) *UBC*; Garnet Valley, Summerland, 19.v.1933 (A. N. Gartrell) *CNC*; Jesmond, 10.vii.1933 (E. R. Buckell), 8.vii.1937 (I. Ward) *UBC*; Ladner, 14.v.1952 (K. Yamanaka) *CNC*; Lakelse, 27.vi.1960 (J. G. Chillcott, W. Moss, R. J. Piffrey) *CNC*; Lakelse Hot Springs, 14.vi.1960 (B. S. Heming, C. H. Mann, G. E. Shewell) *CNC*; Liard Hot Springs, 9-10.vii.1959 (E. E. MacDougall) *CNC*; Mahoney L., 1.vi.1974 (S. G. Cannings) *UBC*; Manning Prov. Park, Beaver Pond, 25.vii.1974 (K. M. Stuart) *UBC*; Masset, Q.C.I., 20.vii.1935 (F. C. Whitehouse) *UBC*; Masset, Q.C.I., 6.vi.1957 (E. E. MacDougall) *CNC*; Matheson L., 14.vi.1967 (R. L. Morley) *UV*; McQueen L., 10 mi N of Kamloops, 26.vi.1973 (H. J. Teskey) *CNC*; Moose L. marsh, Mt. Robson Prov. Park, 7.vii.1974 (R. J. Cannings) *UBC*; Nelson, 28.viii.1974 (G. McPetridge) *UBC*; Okanagan Falls, 0.5 mi S of White L., 17.vi.1974 (S. G. Cannings) *UBC*; Penticton, Mac's L., 26.v.1974, 13.vi.1974 (S. G. & R. A. Cannings) *UBC*; Skookumchuck, 12.vi.1974 (R. J. Cannings) *UBC*; Spectacle L., Malahat, 3.vi.1969 (J. Simpson) *UV*; Springhouse, Cariboo, 18.vi.1961 (G. G. E. Scudder) *UBC*; Sproat L., 22.vi.1955 (G. E. Shewell) *CNC*; Steelhead, 28.v.1934 (K. Graham) *UBC*; Steelhead, 2 mi S, 9.viii.1974 (K. M. Stuart) *UBC*; Ucluelet, 27.v.1910 (C. H. Young) *CNC*; Vaseux L., 9.v.1974 (S. G. Cannings) *UBC*; Wells Gray Prov. Park, Placid L., 23.vi.1974 (R. A. Cannings) *UBC*.

Pachydiplax longipennis (Burmeister)

Victoria as *Mesothemis* (Hagen, 1875); Victoria (Osburn, 1905); Nanaimo district, Newcastle I., Saanich district, Wellington Lakes (Walker, 1927); Newcastle I., Waugh and Goldstream Cr. junction (Whitehouse, 1941); Goldstream Cr., Nanaimo district, Newcastle I., Saanich district, Victoria, Waugh Cr. (Walker & Corbet, 1975).

Sympetrum corruptum (Hagen)

Loon L. (Osburn, 1905); Ainsworth, Kaslo (Currie, 1905); near Nelson, Peachland, Penticton (Walker, 1927); Chilliwack, Cultus L., Sweltzer Cr. (Walker & Ricker, 1938); Cranbrook, Creston, Hope Mts., Kamloops, Nelson, Oliver, Osoyoos, Peachland, Penticton, Wasa (Buckell, 1938); Enderby, Harrison Bay, Hatzic L., Hope, Kaslo, Vancouver (Whitehouse, 1941); Ainsworth, Chilliwack district, Cranbrook, Creston, Cultus L., Harrison Bay, Hatzic L., Hope, Kamloops, Kaslo, Oliver, Osoyoos, Peachland, Penticton, Vancouver, Wasa, West Kootenay (Walker & Corbet, 1975).

Agassiz, 27.v.1926 (R. Glendenning) *CNC*; East L., Becher's Prairie, Chilcotin, 21.vi.1961 (G. G. E. Scudder) *UBC*; Goldstream, 8.ix.1961 (F. I. S.) *CNC*; Haynes Ranch, N. end Osoyoos L., open oxbow, 18.vi.1974 (S. G. Cannings) *UBC*; Okanagan Falls, White L. area, 24.vi.1974, 23.vii.1974, 28.vii.1974 (R. J. & S. G. Cannings) *UBC*; Penticton, Mac's L., 29.vi.1974 (R. A. Cannings) *UBC*; Vernon, 14.vii.1926 (I. J. Ward) *CNC*; Willis Point, Saanich, 18.vii.1968 (W. Dyson) *UV*.

S. costiferum (Hagen)

Wellington (Currie, 1905); Langford L., Victoria (Osburn, 1905; Fletcher & Gibson, 1907); Gabriola I. (Walker, 1917); Okanagan Landing (Blackmore, 1918); Gabriola I., Kootenay Landing, Nanaimo district, Nelson, Okanagan Falls, Okanagan Landing, Peachland, Penticton, Prospect L., Vernon, Wellington Lakes (Walker, 1927); Paul L. (Rawson, 1934); Chilliwack, Rosedale (Walker & Ricker, 1938); Brisco Clinton, Creston, Edgewater, Invermere, Mabel L., Nelson, Oliver, Peachland, Premier L., Princeton, Salmon Arm, Tappen, Vancouver, Vaseux L., Vernon, Wasa, Winfield (Buckell, 1938); Crawford Bay, Forbes Landing, Golden, Hatzic L., Kamloops, Tête Jaune, Vancouver (Whitehouse, 1941); Brisco, Chilliwack, Clinton, Crawford Bay, Cultus L., Forbes Landing, Gabriola I., Golden, Invermere, Kamloops, Kootenay Landing, Langford L., Loon L. (near Alberni), Okanagan Falls, Okanagan Landing, Peachland, Penticton, Prospect L., Salmon Arm, Tête Jaune, Vancouver district, Vernon, Victoria, Wellington Lakes (Walker & Corbet, 1975).

Enderby, 19.ix.1932 (J. Wynne) *UBC*; Kemp L., Vancouver I., 27.vii.1969 (C. N. Wolfe & J. M. Campbell) *UV*; Liard Hot Springs, 24.viii.1962 (R. E. Leech) *CNC*; Masset, Q.C.I., 22.vii.1957 (E. E. MacDougall) *CNC*; Nelson, 20.viii.1974, 28.viii.1974 (G. McPetridge) *UBC*; Okanagan Falls, White L., 14.vii.1974 (S. G. Cannings), 28.vii.1974 (R. J. Cannings) *UBC*; Oliver, Camp McKinney Road, 4000 ft, 25.viii.1975 (R. A. Cannings) *UBC*; Vaseux L., 26.vii.1975, 14.x.1975 (R. A. Cannings) *UBC*.

S. danae (Sulzer)

Quesnel Forks as *S. scoticum* Donovan (Blackmore, 1918); Cranbrook, Metlakatla, Okanagan Landing, Quesnel Forks (Walker, 1927); Paul L. (Rawson, 1934); Rosedale, Vedder Crossing (Walker & Ricker, 1938); Burns L., Canal Flats, Chase, Clinton, Creston, Edgewater, Field, Hat Cr., Invermere, Kamloops, 150 Mile House, Oliver, Osoyoos, Peachland, Prince George, Princeton, Quesnel, Revelstoke, Salmon Arm, Similkameen, Slocan Park, Smithers, Soda Cr., Stump L., Summerland, Summit L. (Prince George), Vernon, Wasa (Buckell, 1938); Atlin, Crawford Bay, Field, Forbes Landing, Golden, Hope, Jesmond, Kamloops, Masset, McBride, Mt. Robson, Revelstoke, Tête Jaune, Vancouver, West Kootenay (Whitehouse, 1941); Atlin, Chilliwack, Cranbrook, Forbes Landing, Hope, McBride, Metlakatla, Mt. Robson, Okanagan Landing, Prince George, Queen Charlotte I., Quesnel Forks, Rosedale, Tête Jaune, Vancouver (Walker & Corbet, 1975).

Aspen Grove, 28.vi.1922 (P. N. Vroom), 5.ix.1923 (E. R. Buckell) *CNC*; Coquitlam, Mundy Park, 22.ix.1974 (M. Hämäläinen) *Hämäläinen Coll.*; Gold River, 22.viii.1964 (R. Storey) *UV*; Kumara L., Q.C.I., 19.viii.1974 (R. A. Cannings) *UBC*; Lakelse, 14.vi.1960, 27.vi.1960 (B. S. Heming) *CNC*; Nelson, 24.viii.1974, 28.viii.1974 (G. McPetridge) *UBC*; Okanagan Falls, White L. Rd., 18.viii.1974 (S. G. Cannings) *UBC*;

Oliver, Camp McKinney Road, 4000 ft, 25.viii.1975 (R. A. Cannings) *UBC*; Pouce Coupe, 4.viii.1961 (A. R. Brooks) *CNC*; Salmon R., Heywood's Cr., 23.viii.1932 (R. D. Bird) *UBC*; Springhouse, Cariboo, 7.ix.1975 (J. R. Spence) *UBC*; Tonquin Cr., Mt. Geikie, 6250 ft, 30.viii.1974 (R. J. Cannings) *UBC*.

S. illotum (Hagen)

Victoria as *Mesothemis illota* (Hagen, 1875); Shawnigan L., Victoria (Osburn, 1905); Departure Bay, Lost L., Nanaimo district, Newcastle I., Wellington Lakes (Walker, 1927); Victoria (Buckell, 1938); Florence L., Nanaimo district, Newcastle I., Sooke, Thetis L. area, Vancouver (Stanley Park) (Whitehouse, 1941); Courtenay, Florence L., Forbes Landing, Lost L., Nanaimo district, Newcastle I., Shawnigan L., Victoria (Walker & Corbet, 1975).

Francis Park, 10.vi.1969 (R. L. Morley) *UV*; Rither's Wood, 25.vii.1967 (J. M. C.) *UV*.

S. internum Montgomery

Harrison R. as *S. rubicundulum* (Say) var *assimilatum* (Uhler) (Osburn, 1905); Kaslo as *S. madidum* (Currie, 1905); Okanagan Landing as *S. decisum* Hagen (Blackmore, 1918); Armstrong, Kamloops, Kootenay Landing, Okanagan Landing, Peachland, Penticton, Vernon as *S. decisum* (Walker, 1927); Chilliwack, Cultus L., Rosedale, Sweltzer Cr., Vedder Crossing as *S. decisum* (Walker & Ricker, 1938); Aspen Grove, Bridge L., Burns L., Canal Flats, Canim L., Creston, Hat Cr., Humphrey's L. (Kamloops), Kamloops, Lumby, 150 Mile House, Nelson, Oliver, Osoyoos, Prince George, Princeton, Revelstoke, Robson (E.), Rollings L. (Lumby), Salmon Arm, Slocan L., Stump L., Summerland, Vaseux L., Wasa, Westwood as *S. decisum* (Buckell, 1938); Atlin, Chilliwack, Golden, Harrison Bay, Hatzic L., Hope district, Hope-Princeton trail, Jesmond, Kamloops, Kawkawa L., McBride, Penticton, Vancouver, Vanderhoof as *S. decisum* (Whitehouse, 1941); Armstrong, Burns L., Canal Flats, Canim L., Chilliwack, Cultus L., Golden, Harrison Bay, Hatzic L., Hope, Hope slough, Indian Reserve slough, Jesmond, Kamloops, Kawkawa L., Kootenay Landing, McBride, Okanagan Landing, 150 Mile House, Osoyoos, Peachland, Penticton, Prince George, Princeton, Vancouver, Vanderhoof, Vernon (Walker & Corbet, 1975).

Agassiz, 11.ix.1926 (R. Glendenning) *CNC*; Becher's Prairie (Box 5), Chilcotin, 21.vi.1961 (G. G. E. Scudder) *UBC*; Corbett L., 26.vii.1974 (K. M. Stuart) *UBC*; Enderby, 7.viii.1932 (J. Wynne) *UBC*; Ft. Nelson, 17.viii.1952 (F. I. S.) *CNC*; Haney, Blaney Cr., 15.viii.1974 (A. Grass) *UBC*; Jones L., 148 Mile, Cariboo, 29.vi.1942 (G. A. Hardy) *BCPM*; Keremeos, 13.vii.1923, 25.viii.1923 (C. B. Garrett) *CNC*; Lac la Hache, 27.vi.1942, 5.vii.1942 (G. A. Hardy) *BCPM*; Manning Prov. Park, Reverse L., 30.viii.1975 (R. J. Cannings) *UBC*; 139 Mile, Cariboo, 19.viii.1932 (R. D. Bird) *UBC*; 149 Mile, Cariboo, 16.viii.1932 (R. D. Bird), 22.vi.1961 (G. G. E. Scudder) *UBC*; Mt. Revelstoke, 5800 ft, 15.viii.1952 (G. J. Spencer)

CNC; Nelson, 16.viii.1974, 17.viii.1974, 21.viii.1974, 28.viii.1974 (G. McFetridge) *UBC*; Okanagan Falls, White L. Rd., 23.vii.1974 (S. G. Cannings) *UBC*; Osoyoos L., N end, 15.viii.1974 (S. G. Cannings) *UBC*; Pinantan L., 16.vii.1956 (E. J. Crossman) *UBC*; Pouce Coupe, 14.vi.1961, 4.viii.1961 (A. R. Brooks) *CNC*; Springhouse, Cariboo, 18.vi.1961, 4.vii.1962 (G. G. E. Scudder), 7.ix.1975 (J. R. Spence) *UBC*; Taft, 30.vii.1932 (J. Wynne) *UBC*; Woodpecker, 22.vii.1942 (N. S. W.) *UBC*.

S. madidum (Hagen)

Victoria as *Diplax madida* (Hagen, 1875); Langford L., Shawnigan L., Victoria (Osburn, 1905); Departure Bay (Gibson, 1914); Gabriola I., Nanaimo district, Saanich district, Wellington Lakes (Walker, 1927); Aspen Grove, Bridge L., Canim L., Hat Cr., 70 Mile House, Osoyoos, Princeton, Salmon Arm, Tatla L. (Buckell, 1938); Chilliwack, Departure Bay, Florence L., 12 mi E of Hope, Hope-Princeton trail, 100 Mile House, Kamloops, Sooke, Wellington Lakes (Whitehouse, 1941); Aspen Grove, Bridge L., Chilliwack, Cranbrook, Creston, Hat Cr., Hope, Jesmond, Kamloops, 70 Mile House, 100 Mile House, Osoyoos, Princeton, Salmon Arm, Tatla L. (Walker & Corbet, 1975).

Agassiz, 28.vii.1927 (H. H. Ross) *CNC*; Campbell R., 8.viii.1935 (F. C. Whitehouse) *BCPM*; Enderby, 13.vi.1937 (J. Wynne) *UBC*; Francis Park, 9.vi.1969 (R. L. Morley), 10.vi.1969 (J. Lake) *UV*; Keremeos, 13.vii.1923 (C. B. Garrett) *CNC*; Lac la Hache, 6.vii.1942 (G. A. Hardy) *BCPM*; McQueen L., 10 mi N of Kamloops, 8.vii.1973 (H. J. Teskey) *CNC*; Meadow L., 8.vii.1937 (E. R. Buckell) *UBC*; Midway Valley, 11.vii.1921 (G. Hopping) *CNC*; Okanagan Falls, near White L., 30.vi.1974 (R. A. Cannings) *UBC*; Okanagan Falls, 0.5 mi S of White L., 17.vi.1974 (S. G. Cannings) *UBC*; Oliver, 26.v.1923, 7.vi.1923 (C. B. Garrett), 22.vi.1923 (E. R. Buckell), 19.vii.1933 (P. N. Vroom) *CNC*; Saanich, 30.vi.1917 (W. Downes) *CNC*; Steelhead, 2 mi S, 9.viii.1974 (K. M. Stuart) *UBC*; Victoria, 16.vi.1923, 27.vi.1923 (K. F. Auden) *CNC*.

S. obtrusum (Hagen)

Kaslo (Currie, 1905); Langford L., Victoria (Osburn, 1905); Peachland (Fletcher & Gibson, 1908); Okanagan Landing (Gibson, 1914; Blackmore, 1918); Armstrong, Okanagan Falls, Okanagan Landing, Vernon district (Walker, 1927); Chilliwack, Cultus L. district, Sweltzer Cr., Vedder Crossing (Walker & Ricker, 1938); Arthur L. (Falkland), Creston, Falkland, Kamloops, Lumby, Mabel L., Malakwa, 150 Mile House, Nakusp (Boc L.), Oliver, Osoyoos, Paxton Valley, Peachland, Premier L., Quesnel, Rollings L. (Lumby), Salmon Arm, Shuswap Falls, Slocan Park, Sugar L., Summerland, Tappen, Vernon, Wasa, Winfield (Buckell, 1938); Crawford Bay, Forbes Landing, Harrison Bay, Hope, Jesmond, Mt. Robson, Nelson, Penticton, Revelstoke, Tête Jaune, Vancouver, Vernon, West Kootenay (Whitehouse, 1941); Armstrong, Cultus L., Jesmond, Kaslo, Nanaimo Lakes,

Okanagan Falls, Okanagan Landing, Osoyoos, Penticton, Quesnel, Revelstoke, Vedder Crossing, Vernon, West Kootenay (Walker & Corbet, 1975).

Aspen Grove, 5.ix.1923 (E. R. Buckell) *CNC*; Burnaby L., 10.ix.1974, 11.ix.1974 (M. Hämäläinen) *Hämäläinen Coll.*; Burnaby Mt., 11.ix.1974 (M. Hämäläinen) *Hämäläinen Coll.*; Canim L., 24.vi.1932 (E. R. Buckell) *CNC*; Celista, Crater L., 2.viii.1974 (R. J. Cannings) *UBC*; Coquitlam, Mundy Park, 22.ix.1974 (M. Hämäläinen) *Hämäläinen Coll.*; Ft. Nelson, 17.viii.1952 (F. I. S.) *CNC*; Golden Ears Prov. Park, Mike L., 15.viii.1974 (A. Grass) *UBC*; Gold River, 22.viii.1967 (R. Storey) *UV*; Haney, 25.vii.1948 (McM.) *UBC*; Keremeos, 13.vii.1923 (C. B. Garrett) *CNC*; Leancoil, 28.viii.1935 (E. R. Buckell) *UBC*; Manning Prov. Park, Reverse L., 30.viii.1975 (R. J. Cannings) *UBC*; Marion L., vii.1964 (*CNC*); 149 Mile, Cariboo, 16.viii.1932 (E. R. Buckell) *UBC*; Murrayville, 5.5 mi S, 2.x.1975 (G. G. E. Scudder) *UBC*; Nelson, 22.viii.1934 (E. R. Buckell) *UBC*; Oliver, Camp McKinney Road, 4000 ft, 25.viii.1975 (R. A. Cannings) *UBC*; Oyama, Cougar Canyon, 29.vii.1975 (R. A. Cannings) *UBC*; Palling, 13.viii.1935 (E. R. Buckell) *UBC*; Pitt Dykes, 16.viii.1974 (K. M. Stuart) *UBC*; Pinantan L., 16.vii.1956 (E. J. Crossman) *UBC*; Prince George, 9.viii.1933 (E. R. Bucknell) *UBC*; Princeton, 20.viii.1933 (E. R. Buckell) *UBC*; Prospect L., 30.viii.1917 (W. Downes) *CNC*; Salmon R., Haywood's R., 23.viii.1932 (R. D. Bird) *UBC*; Shuswap Valley, 2.ix.1932 (R. D. Bird) *UBC*; Skmana L., near Chase, 1.viii.1974 (R. J. Cannings) *UBC*; Soda Cr., 8.viii.1934 (E. R. Buckell) *UBC*; Summit L. (Prince George), 14.viii.1934 (E. R. Buckell) *UBC*; Taft, 4.viii.1948 (*CNC*); Vaseux L., 20.viii.1933 (E. R. Buckell) *UBC*.

S. occidentale Bartenev

Kaslo as *S. semicinctum* (Say) (Currie, 1905); Langford L. as *S. semicinctum* (Osburn, 1905); Armstrong, Nanaimo district, Okanagan Landing, Peachland, Penticton as *S. semicinctum* (Walker, 1927); Chilliwack, Cultus L. district, Rosedale, Sweltzer Cr. as *S. semicinctum* (Walker & Ricker, 1938); Brisco, Canal Flats, Clinton, Creston, Edgewater, Field, Invermere, Kamloops, Mabel L., Nelson, Okanagan Landing, Oliver, Osoyoos, Revelstoke, Shuswap Falls, Sinclair, Vaseux L., Vernon, Wasa as *S. semicinctum* (Buckell, 1938); Chilliwack, Crawford Bay, Golden, Harrison Bay district, Kootenay L., Vancouver as *S. semicinctum* (Whitehouse, 1941); Chilliwack, Cultus L., Harrison Bay (Walker & Corbet, 1975).

Abbotsford, 20.ix.1919 (W. Downes) *CNC*; Aspen Grove, 5.ix.1923 (E. R. Buckell) *CNC*; Coldstream, Deep L., 20.viii.1975 (R. A. Cannings); Douglas L., 25.viii.1932 (R. D. Bird) *UBC*; Enderby, 6.ix.1936 (J. Wynne) *UBC*; Keremeos, 13.vii.1923 (C. B. Garrett) *CNC*; Lumby, Harris Cr. Rd., 19.viii.1974 (B. & D. Ward) *UBC*; Mission, 20.vi.1919 (W. Downes) *CNC*; Moyie, 17.viii.1932 (E. R. Buckell) *UBC*; O'Keefe's Pond, near Vernon, 1.ix.1974 (R. J. Cannings) *UBC*; Osoyoos L., Road 22, 27.vii.1974 (R. J.

Cannings) *UBC*; Oyama, Cougar Canyon, 29.vii.1975 (R. A. Cannings) *UBC*; Shuswap Valley, 2.ix.1932 (R. D. Bird) *UBC*; Swansea Mt., 12.viii.1940 (E. G. Marples) *UBC*; Vaseux L., 26.vii.1975 (R. A. Cannings) *UBC*.

S. pallipes (Hagen)

Langford L. (Osburn, 1905); Rock City (Vancouver I.) (Walker, 1917); Gabriola I., Nanaimo district, Newcastle I., Prospect L., Saanich district, Wellington Lakes (Walker, 1927); Chilliwack, Cultus L., Rosedale, Sweltzer Cr., Vedder Crossing (Walker & Ricker, 1938); Christina L., Douglas L., Mabel L., Moyie, Nelson, Okanagan Landing, Oliver, Osoyoos, Quilchena, Stump L., Vaseux L., Victoria, Wasa (Buckell, 1938); Crawford Bay, Cultus L., Florence L., Forbes Landing, Forbidden Plateau, Harrison Bay, Hope, Kaslo, Kawkawa L., Nelson, Penticton, Sooke, Vancouver, Wellington Lakes (Whitehouse, 1941); Forbidden Plateau (Hardy, 1955); Chilliwack, Christina L., Crawford Bay, Cultus L., Douglas L., Gabriola I., Harrison Bay, Hope, Kaslo, Kawkawa L., Langford L., Loon L., Mabel L., Moyie, Nanaimo district, Nelson, Okanagan Landing, Oliver, Osoyoos, Penticton, Prospect L., Quilchena, Rosedale, Saanich district, Stump L., Vancouver, Vaseux L., Vedder Crossing, Wasa, Wellington (Walker & Corbet, 1975).

Agassiz, 11.ix.1926 (R. Glendenning) *CNC*; Braefoot, 11.ix.1947, 14.ix.1947 (G. A. Hardy) *BCPM*; Burnaby L., 11.ix.1974 (M. Hämäläinen) *Hämäläinen Coll.*; Burnaby Mt., 11.ix.1974 (H. Hämäläinen) *Hämäläinen Coll.*; Burns L., 13.viii.1936 (E. R. Buckell) *UBC*; Campbell R., 8.viii.1935 (F. C. Whitehouse) *UBC*; Colwood, 17.x.1969 (S. Briggs) *UV*; Coquitlam, Mundy Park, 22.ix.1974 (M. Hämäläinen) *Hämäläinen Coll.*; Cowichan L., 18.viii.1950 (D. Radcliffe) *UBC*; Duncan, 9.vi.1955 (J. R. McGillis) *CNC*; Field, 26.viii.1935 (E. R. Buckell) *UBC*; Haney, Blaney Cr., 15.viii.1974, 26.viii.1974 (A. Grass) *UBC*; Malahat, 4.ix.1929 (W. Downes) *UBC*; Mt. Robson Prov. Park, West Portal, 8.viii.1974 (R. J. Cannings) *UBC*; Nanaimo, 2.viii.1967 (D. Brown), 10.viii.1969 (J. Lake) *UV*; Nelson, 21.vii.1974, 22.vii.1974, 15.viii.1974, 17.viii.1974, 20.viii.1974, 21.viii.1974, 28.viii.1974, 30.viii.1974 (G. McFetridge) *UBC*; Nicola, 22.viii.1934 (E. R. Buckell) *UBC*; Okanagan Falls, White L. Rd., 7.vii.1974, 18.viii.1974 (S. G. Cannings), 28.vii.1974 (R. J. Cannings) *UBC*; Oliver, Camp McKinney Rd., 4000 ft, 25.viii.1975 (R. A. Cannings) *UBC*; Quesnel, 10 mi E., 18.viii.1932 (R. D. Bird) *UBC*; Royal Oak, 13.viii.1916 (W. Downes) *CNC*; Shuswap Falls, 2.ix.1934 (E. R. Buckell) *UBC*; Shuswap Valley, 2.ix.1932 (R. D. Bird) *UBC*; Steelhead, 2 mi S, 4.viii.1974 (K. M. Stuart) *UBC*; Summerland, Fish L., 10.viii.1931 (A. N. Gartrell) *CNC*; Swift Current Cr., Mt. Robson Prov. Park, 8.viii.1974 (R. J. Cannings) *UBC*; Taft, 18.viii.1952 (G. P. Holland) *CNC*; Tappen, 12 mi W, 24.viii.1932 (R. D. Bird) *UBC*; Turtle Pond, Chase, 30.vii.1974 (R. J. Cannings) *UBC*.

S. vicinum (Hagen)

Wellington (Currie, 1905); Langford L. (Osborn, 1905); Burnaby L., Loon L. (Nanaimo district), Prospect L. (Saanich district) (Walker, 1927); Chilliwack, Sweltzer Cr. (Walker & Ricker, 1938); Victoria (Buckell, 1938); Forbes Landing, Hope, Vancouver (Whitehouse, 1941); Burnaby L., Chilliwack, Cultus L., Forbes Landing, Langford L., Loon L., Nanaimo district, Prospect L., Saanich district, Vancouver district, Wellington (Walker & Corbet, 1975).

Coquitlam, Como L., 11.x.1974 (M. Hämäläinen) *Hämäläinen Coll.*; Coquitlam, Mundy Park, 22.ix.1974 (M. Hämäläinen) *Hämäläinen Coll.*

**Species of Odonata Excluded From the
British Columbia List**

Leucorrhinia frigida Hagen

This species was recorded from Prince Rupert by Walker & Corbet (1975). We have located a single unidentified female standing under *L. frigida* in the collections of the Royal Ontario Museum. It bears the data "Prince Rupert, 18.vi.1926 (E. M. Walker)". We find that this is a specimen of *L. glacialis*, a species recorded from Prince Rupert by Walker (1927). We have seen no other specimens of this species from British Columbia and so we believe that *L. frigida* should be excluded from the British Columbia list.

Libellula luctuosa Burmeister

Garrison (1976) records a single male specimen of *L. luctuosa* Burm. from Robson, British Columbia, in the collection of the American Museum of Natural History. A western form of this species is known as close to our borders as California; the eastern form is known in Canada only as far west as southern Ontario. Since the Robson specimen is of the eastern form, and since Garrison (1976) believes it is mislabelled as to locality, we consider the record to be doubtful and delete *L. luctuosa* from the B.C. list.

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References

- ANDERSON, E. M. (1915). Entomological specimens collected in the Atlin district, 1914. *Rept. B.C. Prov. Mus. Nat. Hist.*, 1914:F21-F27.
- BLACKMORE, E. H. (1918). Entomology. *Rept. B.C. Prov. Mus. Nat. Hist.*, 1917:09-015.
- BUCKELL, E. R. (1938). Some locality records of British Columbia dragonflies. *Proc. Ent. Soc. B.C.*, 34:55-62.
- CLEMENS, W. A., RAWSON, D. S., and McHUGH, J. L. (1939). A biological survey of Okanagan Lake, British Columbia. *Bull. Fish. Res. Bd. Canada*, 56:1-70.
- CRIDDLE, N. (1922). The Entomological Record, 1921. *Ann. Rept. Entomol. Soc. Ont.*, 52:57-70.
- CURRIE, R. P. (1905). Dragonflies from the Kootenay District of British Columbia. *Proc. Entomol. Soc. Wash.*, 7:16-20.
- FLETCHER, J., and GIBSON, A. (1907). Entomological Record, 1906. *Ann. Rept. Entomol. Soc. Ont.*, 37:86-105.
- (1908). Entomological Record, 1907. *Ann. Rept. Entomol. Soc. Ont.*, 38:113-133.
- GARRISON, R. W. (1976). Multivariate analysis of geographic variation in *Libellula luctuosa* Burmeister. *Pan-Pacif. Ent.*, 52:181-203.
- GIBSON, A. (1910). The Entomological Record, 1909. *Ann. Rept. Entomol. Soc. Ont.*, 40:110-128.
- (1911). The Entomological Record for 1910. *Ann. Rept. Entomol. Soc. Ont.*, 41:101-120.
- (1914). The Entomological Record, 1913. *Ann. Rept. Entomol. Soc. Ont.*, 44:106-129.
- (1918). The Entomological Record, 1917. *Ann. Rept. Entomol. Soc. Ont.*, 48:99-127.
- HAGEN, H. A. (1875). Synopsis of the Odonata of North America. *Proc. Boston Soc. Nat. Hist.*, 18:20-96.
- HARDY, G. A. (1927). Report of a collecting trip to Garibaldi Park, B.C. *Rept. B.C. Prov. Mus. Nat. Hist.*, 1926:C15-C26.
- (1955). The natural history of the Forbidden Plateau area, Vancouver Island, British Columbia. *Rept. B.C. Prov. Mus. Nat. Hist.*, 1954:B24-B63.
- OSBURN, R. C. (1905). The Odonata of British Columbia. *Ent. News*, 16:184-196.
- PEARLSTONE, P. S. M. (1973). The food of damselfly larvae in Marion Lake, British Columbia. *Syesis*, 6:33-39.
- PROCTOR, D. L. C. (1973). The effect of temperature and photoperiod on larval development in Odonata. *Can. J. Zool.*, 51:1165-1170.
- RAWSON, D. S. (1934). Productivity studies in lakes of the Kamloops region, British Columbia. *Bull. Biol. Bd. Canada (Fish.)*, 42:1-31.

- WALKER, E. M. (1912). The North American Dragonflies of the genus *Aeshna*. University of Toronto. 213 p.
- (1917). The known nymphs of the North American species of *Sympetrum* (Odonata). *Can. Ent.*, 49:409-418.
- (1918). On the American representatives of *Somatochlora arctica* with descriptions of two new species (Odonata). *Can. Ent.*, 50:365-375.
- (1925). The North American Dragonflies of the genus *Somatochlora*. *Univ. Toronto Stud. (Biol.)*, 26:1-202.
- (1927). The Odonata of the Canadian Cordillera. B.C. Prov. Mus. Nat. Hist., Victoria. 16 p.
- (1933). The nymphs of the Canadian species of *Ophiogomphus* Odonata, Gomphidæ. *Can. Ent.*, 65:217-229.
- (1937). A new *Macromia* from British Columbia (Odon. Cordullidæ). *Can. Ent.*, 69:5-13.
- (1951). The Odonata of the Northern Insect Survey. *Can. Ent.*, 83:269-278.
- (1953). The Odonata of Canada and Alaska. Volume 1. Part I: General. Part II: Zygoptera—Damselies. University of Toronto Press, Toronto. 292 p.
- (1958). The Odonata of Canada and Alaska. Volume 2. Part III: The Anisoptera—Four Families. University of Toronto Press, Toronto. 318 p.
- and CORBET, P. S. (1975). The Odonata of Canada and Alaska. Volume 3. Part III: The Anisoptera—Three Families. University of Toronto Press, Toronto & Buffalo. 307 p.
- and RICKER, W. E. (1938). Notes on Odonata from the vicinity of Cultus Lake, B.C. *Can. Ent.*, 70:144-151.
- WHITEHOUSE, F. C. (1941). British Columbia Dragonflies (Odonata), with notes on distribution and habits. *Amer. Midl. Nat.*, 26:488-557.
- Cænagrion interrogatum*—Crooked R. Prov. Park, 5 mi N, 5.viii.1976 (R. A. Cannings).
- C. resolutum*—Crooked R. Prov. Park, 5 mi N, 5.viii.1976 (R. A. Cannings); Manning Prov. Park, 3,900 ft., 11.vii.1975, 18.vii.1975 (R. J. Cannings).
- Enallagma carunculatum*—Langford L., 16.x.1976 (R. A. Cannings); Trapp L., N of Merritt, 18.vii.1976 (R. A. Cannings); Victoria, Colquitz Creek, 27.vi.1976 (R. A. Cannings).
- E. cyathigerum*—Boitano L., 9.v.1969 (G. G. E. Scudder); Fort Nelson, Parker L., 14.vi.1976 (M. G. Shepard); Hesquiat, 17.vii.1976 (E. A. Mansfield); Kokanee Creek Prov. Park, 11.viii.1976 (R. A. Cannings); Merritt, 45 mi S, 17.vii.1976 (R. A. Cannings); Nelson, 3 mi W, 9.viii.1976 (R. A. Cannings).
- E. ebrium*—Crooked R. Prov. Park, 5 mi N, 5.viii.1976 (R. A. Cannings).
- Ischnura cervula*—Merritt, 45 mi S, 17.vii.1976 (R. A. Cannings); Trapp L., N of Merritt, 18.vii.1976 (R. A. Cannings).
- I. erratica*—Alouette L., south, 18.v.1976 (R. A. Cannings); Pitt Meadows, 13.vi.1976 (G. Doerksen); Hesquiat, 17.vii.1976 (E. A. Mansfield).
- I. perparva*—Pitt Meadows, 13.vi.1976 (G. Doerksen).
- Aeshna californica*—Hesquiat, 17.vii.1976 (E. A. Mansfield); Merritt, 45 mi S, 17.vii.1976 (R. A. Cannings).
- A. canadensis*—Vernon, Cosen's Bay Pond, 9.ix.1976 (R. A. Cannings).
- A. interrupta lineata*—Crooked R. Prov. Park, 5 mi N, 5.viii.1976 (R. A. Cannings).
- A. juncea*—Crooked R. Prov. Park, 5 mi N, 5.viii.1976 (R. A. Cannings); Fort Nelson, Parker L., 14.vi.1976 (M. G. Shepard); Mayer L., Q.C.I., 26.v.1966 (R. Moodie & D. Hagen); Vernon, Cosen's Bay Pond, 9.ix.1976 (R. A. Cannings).
- A. multicolor*—Langford L., 16.x.1976 (R. A. Cannings); Victoria, Beaver L., 11.x.1976 (S. G. Cannings).
- A. palmata*—Cariboo, Felker L., 25.vi.1961 (G. G. E. Scudder); Chetwynd, Crasser Cr., 4.viii.1976 (R. A. Cannings); Clinton, 10 mi W of White L., 6.viii.1976 (R. A. Cannings); Langford L., 16.x.1976 (R. A. Cannings); Trapp L., N of Merritt, 18.vi.1976 (R. A. Cannings); Tweedsmuir Prov. Park, Squiness L., 17.vii.1976 (T. Osmond-Jones); Victoria, Beaver L., 11.x.1976 (S. G. Cannings); Yellowhead L., second kettle-hole, 22.vii.1976 (R. A. Cannings).
- A. subarctica*—Crooked R. Prov. Park, 5 mi N, 5.viii.1976 (R. A. Cannings).
- A. umbrosa occidentalis*—Manning Prov. Park, Beaver Pond, 22.vii.1975, 27.vii.1975 (R. J. Cannings). We have also seen a nymph of *A. umbrosa* with data: Mayer L., Q.C.I., 26.v.1966 (R. Moodie & D. Hagen).
- Anax junius*—Langley, 17.vii.1976 (A. Grass); Maple Ridge, 11.v.1976 (G. Doerksen).
- Tanypteryx hageni*—North Vancouver, Black Mt., 3,500 ft., 9.viii.1931 (H. B. Leech).

Addendum

The following new records extend the range of the species, fill in gaps in the distribution, or extend the known flight period in British Columbia. The majority of specimens are in the UBC collection.

Lestes disjunctus—Crooked R. Prov. Park, 5 mi N, 5.viii.1976 (R. A. Cannings); Kokanee Creek Prov. Park, 11.viii.1976 (R. A. Cannings); Manning Prov. Park, Beaver Pond, 27.vii.1975 (R. J. Cannings); Tête Jaune, Jackman Pond, 30.vii.1976 (R. A. Cannings).

L. dryas—Clinton, pond near Meadow L., 6.viii.1976 (R. A. Cannings); Crooked R. Prov. Park, 5 mi N, 5.viii.1976 (R. A. Cannings); Manning Prov. Park, East Gate, 17.vii.1975 (R. J. Cannings); Nelson, 3 mi W, 9.viii.1976 (R. A. Cannings).

Cordulia shurtleffi—Cariboo, Springhouse, 31.viii.1962 (G. G. E. Scudder); Chilcotin, Becher's Prairie, Box 27, 28.v.1963 (G. G. E. Scudder); Fort Nelson, Parker L., 14.vi.1976 (M. G. Shepard); Garibaldi Prov. Park, near Daisy L., 18.v.1976 (R. A. Cannings); Hesquiat, 17.vii.1976 (E. A. Mansfield); Langford L., 16.v.1976 (R. A. Cannings).

Somatochlora hudsonica—Mt. Robson Prov. Park, Portal L., 27.vii.1976 (R. A. Cannings).

S. semicircularis—Manning Prov. Park, 11.vii.1975, 18.vii.1975 (R. J. Cannings); Vernon, Cosen's Bay Pond, 9.ix.1976 (R. A. Cannings).

Leucorrhinia borealis—Cariboo, Springhouse, 26.v.1963 (G. G. E. Scudder); Manning Prov. Park, 27.vii.1975 (R. J. Cannings); Westwick L., 27.v.1963 (G. G. E. Scudder).

L. hudsonica—Alouette L., 19.v.1976 (R. A. Cannings); Crooked R. Prov. Park, 5 mi N, 5.viii.1976 (R. A. Cannings); Fort Nelson, Parker L., 14.vi.1976 (M. G. Shepard); Tatlatui Prov. Park, Kitchener L., 7.vii.1976 (E. Osmond-Jones).

L. intacta—Chilcotin, Becher's Prairie, Box 27, 28.v.1963 (G. G. E. Scudder).

L. proxima—Manning Prov. Park, 18.vii.1975 (R. J. Cannings); Westwick L., 31.v.1962 (G. G. E. Scudder).

Libellula forensis—Hesquiat, 17.vii.1976 (E. A. Mansfield); Kokanee Creek Prov. Park, 11.viii.1976 (R. A. Cannings).

Sympetrum costiferum—Kokanee Creek Prov. Park, 11.viii.1976 (R. A. Cannings).

S. illotum—Langley, Campbell River Park, ix.1974 (A. Grass); Victoria, Colquitz Creek, 27.vi.1976 (R. A. Cannings).

S. internum—Clinton, near Meadow L., 6.viii.1976 (R. A. Cannings); Crooked R. Prov. Park, 5 mi N, 5.viii.1976 (R. A. Cannings).

S. madidum—Fort Langley, vii.1976 (A. Grass); Clinton, near Meadow L., 6.viii.1976 (R. A. Cannings).

S. obtrusum—Crooked R. Prov. Park, 5 mi N, 5.viii.1976 (R. A. Cannings).

S. occidentale—Kokanee Creek Prov. Park, 11.viii.1976 (R. A. Cannings).

S. pallipes—Ladysmith, Yellow Point, 3.x.1976 (R. A. Cannings); Nelson 3 mi W, 9.viii.1976 (R. A. Cannings); Vernon, Cosen's Bay Pond, 9.ix.1976 (R. A. Cannings); Victoria, Beaver L., 11.x.1976 (S. G. Cannings).

S. vicinum—Victoria, Beaver L., 11.x.1976 (S. G. Cannings).