

SOME LOCALITY RECORDS OF BRITISH COLUMBIA DRAGONFLIES

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During the past few years the author has collected dragonflies in the interior of British Columbia.

No opportunity has occurred to make collecting trips, nor to spend any time searching for rare species. The material has been gathered together while on routine work connected with the Dominion Entomological Laboratory at Vernon, B. C., and has been determined for me by specialists.

Others, interested in the dragonflies of British Columbia and of Canada, and able to devote more time to this interesting study, are working upon publications which the author hopes may be assisted by this brief locality list.

The list consists only of the species actually in the collection of the Dominion Entomological Branch in the Vernon Laboratory. It makes no mention of other species, well known to occur within the province, but of which specimens with locality records are not on hand.

The localities are listed alphabetically and numbered, and the numbers marked on a map for reference. Sixty-two species and one geographic race; totalling 3854 specimens; are listed from 101 different localities. The number of specimens on hand in 95% grain alcohol is indicated in brackets following the localities, and, considered together with the number of localities, gives a rough indication of their relative abundance.

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Locality List

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| 1.—Adams Lake | 52.—Okanagan Landing |
| 2.—Arthur Lake (Falkland) | 53.—Oliver |
| 3.—Aspen Grove | 54.—Osoyoos |
| 4.—Azure Lake | 55.—Otter Lake (Armstrong) |
| 5.—Barkerville | 56.—Palling |
| 6.—Big Creek (Chilcotin) | 57.—Pavillion Lake |
| 7.—Boleine Lake (Falkland) | 58.—Paxton Valley |
| 8.—Boswell | 59.—Peachland |
| 9.—Bridge Lake | 60.—Penticton |

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| 10.—Brisco | 61.—Pinantan Lake |
| 11.—Burns Lake | 62.—Premier Lake |
| 12.—Canal Flats | 63.—Pritchard |
| 13.—Canim Lake | 64.—Prince George |
| 14.—Canoe | 65.—Princeton |
| 15.—Chase | 66.—Quesnel |
| 16.—Chezicut Lake | 67.—Quilchena |
| 17.—Chilcotin | 68.—Redstone |
| 18.—Christina Lake | 69.—Revelstoke |
| 19.—Clinton | 70.—Robson (East) |
| 20.—Cold Creek (Kamloops) | 71.—Rolling's Lake (Lumby) |
| 21.—Cranbrook | 72.—Salmon Arm |
| 22.—Creston | 73.—Salmon Lake |
| 23.—Douglas Lake | 74.—Shawnigan Lake |
| 24.—Edgewater | 75.—Shuswap Falls |
| 25.—Falkland | 76.—Similkameen |
| 26.—Ferne | 77.—Sinclair |
| 27.—Field | 78.—Slocan Lake |
| 28.—Glacier | 79.—Slocan Park |
| 29.—Golden | 80.—Smithers |
| 30.—Hat Creek | 81.—Soda Creek |
| 31.—Hazelton | 82.—Squilax |
| 32.—Hope Mountains | 83.—Stanley |
| 33.—Horsefly | 84.—Steelhead |
| 34.—Humphrey's Lake
(Kamloops) | 85.—Stump Lake |
| 35.—Invermere | 86.—Sugar Lake |
| 36.—Kaleden | 87.—Summerland |
| 37.—Kamloops | 88.—Summit Lake
(Prince George) |
| 38.—Kaslo | 89.—Tappen |
| 39.—Kelly Lake | 90.—Ta Ta Creek |
| 40.—Leancoil | 91.—Tatla Lake |
| 41.—Lillooet | 92.—Topley |
| 42.—Loon Lake (Salmon Arm) | 93.—Vancouver |
| 43.—Lumby | 94.—Vaseaux Lake |
| 44.—Mabel Lake | 95.—Vernon |
| 45.—Malakwa | 96.—Victoria |
| 46.—70-Mile House | 97.—Wasa |
| 47.—150-Mile House | 98.—Westbank |
| 48.—Moyie | 99.—Westwold |
| 49.—Nakusp | 100.—Williams Lake |
| 50.—Nelson | 101.—Winfield |
| 51.—Nicola Lake | |

Order—Odonata

Suborder—Zygoptera

Family **Lestidae**

1. **Lestes congener** Hagen.—Aspen Grove; Azure Lake; Brisco; Clinton; Creston; Douglas Lake; Edgewater; Hat Creek; Humphrey's Lake (Kamloops); Invermere; Kaleden; Kamloops; 150-Mile House; Nelson; Okanagan Landing; Oliver; Osoyoos; Premier Lake; Prince George; Princeton; Quilchena; Revelstoke; Salmon Arm; Similkameen; Stump Lake; Sugar Lake; Summerland; Summit Lake (Prince George); Ta Ta Creek; Vaseaux Lake; Vernon; Wasa; Winfield (291)
2. **Lestes unguiculatus** Hagen.—Canal Flats; Hat Creek; Osoyoos; Premier Lake; Princeton; Wasa. (22)
3. **Lestes dryas** Kirby.—Aspen Grove; Bridge Lake; Boswell; Canal Flats; Canim Lake; Chilcotin; Douglas Lake; Falkland; Hat Creek; Horsefly; Humphrey's Lake (Kamloops); Invermere; Kamloops; Kaslo; Lillooet; Mabel Lake; 150-Mile House; Moyie; Revelstoke; Robson (East); Salmon Arm; Salmon Lake; Shuswap Lake; Shuswap Falls; Slokan Park; Stump Lake; Sugar Lake; Tatla Lake. (147)
4. **Lestes disjunctus** Selys.—Aspen Grove; Bridge Lake; Brisco; Canal Flats; Chase; Creston; Douglas Lake; Edgewater; Falkland; Field; Hat Creek; Hazelton; Invermere; Kaleden; Kamloops; Kaslo; Lumby; Mabel Lake; Malakwa; 150-Mile House; Moyie; Nakusp; Nelson; Okanagan Landing; Oliver; Osoyoos; Palling; Paxton Valley; Peachland; Premier Lake; Prince George; Princeton; Quesnel; Revelstoke; Robson (East); Rollings Lake (Lumby); Salmon Arm; Salmon Lake; Shuswap Falls; Stump Lake; Sugar Lake; Summit Lake (Prince George); Tappen; Vernon; Wasa; Winfield. (379)

Family **Coenagrionidae**

5. **Argia vivida** Hagen.—Field. (20)
6. **Argia emma** Kennedy.—Christina Lake; Lillooet; Mabel Lake; Oliver; Penticton. (30)
7. **Amphiagrion abbreviatum** Selys.—Canoe; Hat Creek; Kaleden; Lumby; Salmon Arm; Vernon. (199)
8. **Nehalennia irene** (Hagen).—Chase; Salmon Arm. (84)
9. **Coenagrion resolutum** (Hagen).—Big Creek (Chilcotin); Canim Lake; Hat Creek; Horsefly; Redstone; Tatla Lake. (18)
10. **Enallagma boreale** (Selys).—Aspen Grove; Boleine Lake (Falkland); Bridge Lake; Canal Flats;

- Canim Lake; Chase; Chilcotin; Clinton; Cold Creek (Kamloops); Douglas Lake; Falkland; Hat Creek; Humphrey's Lake (Kamloops); Kamloops; Lumby; Malakwa; Oliver; Osoyoos; Paxton Valley; Pavillion Lake; Penticton; Prince George; Princeton; Quesnel; Redstone; Revelstoke; Robson (East); Rollings Lake (Lumby); Salmon Arm; Similkameen; Sugar Lake; Ta Ta Creek; Tatla Lake; Vancouver; Vernon; Westbank; Williams Lake. (200)
11. **Enallagma cyathigerum** (Charpentier).—Bridge Lake; Brisco; Canim Lake; Chase; Chilcotin; Clinton; Creston; Douglas Lake; Edgewater; Falkland; Hat Creek; Humphrey's Lake (Kamloops); Invermere; Kamloops; Kelly Lake; Lumby; 150-Mile House; Oliver; Paxton Valley; Penticton; Premier Lake; Prince George; Princeton; Quesnel; Redstone; Rollings Lake (Lumby); Salmon Arm; Salmon Lake; Shuswap Falls; Soda Creek; Stump Lake; Tatla Lake; Vernon; Victoria; Winfield; Williams Lake. (311)
12. **Enallagma clausum** Morse.—Osoyoos; Penticton. (17)
13. **Enallagma ebrium** (Hagen).—Bridge Lake; Boswell; Falkland; Kamloops; Summit Lake (Prince George); Tappen; Vernon; Wasa. (50)
14. **Enallagma carunculatum** Morse.—Bridge Lake; Canim Lake; Christina Lake; Douglas Lake; Mabel Lake; Nakusp (Box Lake); Okanagan Landing; Oliver; Osoyoos; Penticton; Salmon Arm; Sugar Lake; Vernon. (63)
15. **Ischnura cervula** Selys.—Aspen Grove; Bridge Lake; Chase; Christina Lake; Falkland; Kaleden; Kamloops; Lumby; Nakusp (Box Lake); Okanagan Landing; Oliver; Osoyoos; Otter Lake (Armstrong); Peachland; Penticton; Redstone; Revelstoke; Robson (East); Rollings Lake (Lumby); Salmon Arm; Tappen; Vancouver; Vaseaux Lake; Vernon; Victoria; Winfield. (172)
16. **Ischnura perparva** Selys.—Bridge Lake; Kaleden; Lumby; Oliver; Osoyoos; Peachland; Penticton; Revelstoke; Robson (East); Similkameen; Vaseaux Lake; Victoria. (62)

Suborder **ANISOPTERA**Family **Aeschnidae**

17. **Aeschna sitchensis** Hagen.—Field. (22)
18. **Aeschna juncea** Linnaeus.—Field; Kamloops; Leancoil; Lumby; Penticton; Quesnel; Sinclair. (33)
19. **Aeschna subarctica** E. Walker.—Field. (1)

20. *Aeschna interrupta* E. Walker.—No attempt has been made to separate the material on hand into geographic races, of which several are probably represented. Over one hundred specimens from all parts of the province are available for study.—Falkland; Golden; Hat Creek; Kaleden; Lumby; Malakwa; Nicola Lake; Oliver; Palling; Peachland; Prince George; Princeton; Quesnel; Revelstoke; Salmon Arm; Sinclair; Slocan Lake; Soda Creek; Vernon; Winfield. (109)
21. *Aeschna eremita* Scudder.—Aspen Grove; Bridge Lake; Canal Flats; Clinton; Douglas Lake; Edgewater; Falkland; Kamloops (Lac la Jeune); Kaslo; Malakwa; Prince George; Princeton; Salmon Arm; Sinclair; Soda Creek; Tappen; Topley; Vernon; Winfield. (61)
22. *Aeschna canadensis* E. Walker.—Malakwa; Prince George (Summit Lake); Salmon Arm. (4)
23. *Aeschna palmata* Hagen.—Aspen Grove; Boswell; Bridge Lake; Burns Lake; Cranbrook; Douglas Lake; Falkland; Field; Golden; Hat Creek; Hazelton; Humphrey's Lake (Kamloops); Kamloops; Kaslo; Loon Lake (Salmon Arm); Mabel Lake; Malakwa; Moyie; Nakusp; Nelson; Okanagan Landing; Oliver; Peachland; Premier Lake; Prince George; Quesnel; Revelstoke; Robson (East); Rollings Lake (Lumby); Salmon Lake; Shuswap Falls; Similkameen; Sinclair; Slocan Lake; Slocan Park; Smithers; Soda Creek; Topley; Vernon; Wasa; Westbank; Winfield. (175)
24. *Aeschna umbrosa umbrosa* E. Walker.—Smithers; Quesnel (Atypical). (3)
- 24a. *Aeschna umbrosa occidentalis* E. Walker.—Creston; Falkland; Golden; Mabel Lake; Okanagan Landing; Quesnel; Sugar Lake; Vancouver; Vernon; Wasa. (20)
25. *Aeschna constricta* Say.—Creston. (20)
26. *Aeschna californica* Calvert.—Aspen Grove; Salmon Arm; Squilax; Tatla Lake; Vancouver; Vernon; Victoria; Westbank. (21)
27. *Aeschna multicolor* Hagen.—Adams Lake; Salmon Arm; Squilax; Victoria. (53)
28. *Anax junius* Drury.—Oliver; Salmon Arm. (4)

Family Gomphidae

29. *Ophiogomphus severus montanus* (Selys).—Adams Lake; Aspen Grove; Canim Lake;

- Chilcotin (Chezicut) Lake; Mable Lake; Princeton; Salmon Arm; Summerland. (71)
30. *Ophiogomphus occidentis* Hagen.—Lillooet; Pritchard. (2)
31. *Gomphus graslinellus* Walsh.—Salmon Arm. (8)
32. *Gomphus olivaceus* Selys.—Pritchard. (1)

Family **Cordulegasteridae**

33. *Cordulegaster dorsalis* Hagen.—Shawnigan Lake. (1)

Family **Corduliidae**

34. *Cordulia shurtleffi* Scudder.—Aspen Grove; Barkerville; Bridge Lake; Canim Lake; Kamloops (Lac la Jeune); Malakwa; Pinantan Lake; Prince George; Princeton; Quesnel; Revelstoke; Salmon Arm; Vancouver. (67)
35. *Somatochlora franklini* Selys.—Field. (2)
36. *Somatochlora semicircularis* Selys.—Chilcotin; Fernie; Field; Moyie; Prince George; Quesnel; Revelstoke; Slocan Park; Stanley. (21)
37. *Somatochlora albicincta* (Burmeister).—Arthur Lake (Falkland); Revelstoke; Salmon Arm (Fish Lake). (44)
38. *Somatochlora hudsonica* (Hagen).—Arthur Lake (Falkland); Bridge Lake; Lac la Jeune (Kamloops); Salmon Arm. (24)
39. *Somatochlora cingulata* (Selys).—Arthur Lake (Falkland). (10)
40. *Tetragoneuria spinigera* (Selys).—Squilax; Vernon. (3)
41. *Macromia magna* McLachlan.—Vernon. (1)
42. *Macromia rickeri* E. M. Walker.—Salmon Arm. (2)

Family **Libellulidae**

43. *Libellula exusta julia* Uhler.—Horsefly; Loon Lake (Salmon Arm); Oliver; Osoyoos. (30)
44. *Libellula quadrimaculata* Linnaeus.—Aspen Grove; Chilcotin (Big Creek); Clinton; Douglas Lake; Edgewater; Hat Creek; Horsefly; Oliver; Osoyoos; Princeton; Revelstoke; Rollings Lake (Lumby); Salmon Arm; Steelhead; Vancouver; Victoria; Westbank. (36)
45. *Libellula pulchella* Drury.—Oliver; Osoyoos; Peachland; Revelstoke; Rollings Lake (Lumby); Salmon Arm; Vaseaux Lake. (39)

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46. *Libellula forensis* Hagen.—Christina Lake; Oliver; Osoyoos; Salmon Arm; Vancouver; Victoria. (8)
47. *Libellula lydia* (Drury). Oliver; Vancouver; Victoria. (6)
48. *Sympetrum corruptum* (Hagen).—Cranbrook; Creston; Hope Mountains; Kamloops (Pass Lake); Nelson; Oliver; Osoyoos; Peachland; Penticton; Wasa. (40)
49. *Sympetrum illotum* (Hagen).—Victoria. (1)
50. *Sympetrum madidum* (Hagen).—Aspen Grove; Bridge Lake; Canim Lake; Hat Creek; 70-Mile House; Osoyoos; Princeton; Salmon Arm; Tatla Lake. (74)
51. *Sympetrum pallipes* (Hagen).—Christina Lake; Douglas Lake; Mable Lake; Moyie; Nelson; Okanagan Landing; Oliver; Osoyoos; Quilchena; Stump Lake; Vaseaux Lake; Victoria; Wasa. (40)
52. *Sympetrum vicinum* (Hagen).—Victoria (1)
53. *Sympetrum obtrusum* (Hagen).—Arthur Lake (Falkland); Creston; Falkland; Kamloops; Lumby; Mable Lake; Malakwa; 150-Mile House; Nakusp (Box Lake); Oliver; Osoyoos; Paxton Valley; Peachland; Premier Lake; Quesnel; Rollings Lake (Lumby); Salmon Arm; Shuswap Falls; Slocan Park; Sugar Lake; Summerland; Tappen; Vernon; Wasa; Winfield. (145)
54. *Sympetrum decisum* (Hagen).—Aspen Grove; Bridge Lake; Burns Lake; Canal Flats; Canim Lake; Creston; Hat Creek; Humphrey's Lake (Kamloops); Kamloops; Lumby; 150-Mile House; Nelson; Oliver; Osoyoos; Prince George; Princeton; Revelstoke; Robson (East); Rollings Lake (Lumby); Salmon Arm; Slocan Lake; Stump Lake; Summerland; Vaseaux Lake; Wasa; Westwold. (164)
55. *Sympetrum semicinctum* (Say).—Brisco; Canal Flats; Clinton; Creston; Edgewater; Field; Invermere; Kamloops; Mable Lake; Nelson; Okanagan Landing; Oliver; Osoyoos; Revelstoke; Shuswap Falls; Sinclair; Vaseaux Lake; Vernon; Wasa. (56)
56. *Sympetrum costiferum* (Hagen).—Brisco; Clinton; Creston; Edgewater; Invermere; Mable Lake; Nelson; Oliver; Peachland; Premier Lake; Princeton; Salmon

- Arm; Tappen; Vancouver; Vaseaux Lake; Vernon; Wasa; Winfield. (88)
57. **Sympetrum danae** (Sulzer).—Burns Lake; Canal Flats; Chase; Clinton; Creston; Edgewater; Field; Hat Creek; Invermere; Kamloops; 150-Mile House; Oliver; Osoyoos; Peachland; Prince George; Princeton; Quesnel; Revelstoke; Salmon Arm; Similkameen; Slocan Park; Smithers; Soda Creek; Stump Lake; Summerland; Summit Lake (Prince George); Vernon; Wasa. (80)
58. **Leucorrhinia hudsonica** (Selys).—Arthur Lake and Boleine Lake (Falkland); Aspen Grove; Chilcotin; Chase; Quesnel; Salmon Arm; Summit Lake (Prince George). (25)
59. **Leucorrhinia intacta** (Hagen).—Chase; Creston; Oliver; Osoyoos; Salmon Arm; Vancouver; Victoria; Westbank. (31)
60. **Leucorrhinia glacialis** Hagen.—Chase; Horsefly; Loon Lake (Salmon Arm); Salmon Arm (Johnson's Pond). (35)
61. **Leucorrhinia proxima** Calvert.—Aspen Grove; Bridge Lake; Chase; Chilcotin; Horsefly; Malakwa; Oliver; Osoyoos; Princeton; Quesnel; Revelstoke; Salmon Arm; Summit Lake (Prince George); Tatla Lake; Westbank. (87)
62. **Leucorrhinia borealis** Hagen.—Big Creek (Chilcotin). (8)