

Insect Collection Assignment

Erin Thomsen

NRSC 4020

In the Department of
NATURAL RESOURCE SCIENCES
FACULTY OF SCIENCE
at
THOMPSON RIVERS UNIVERSITY



**THOMPSON RIVERS
UNIVERSITY**

November 22nd, 2019

Order Archaeognatha (Bristletails)

Family Machilidae (Jumping Bristletails)



Canada, British Columbia
Merritt
50.0888N, 120.7415W
726 m Elev.
14-Sept-2019
Coll.Erin Thomsen

BGxw1
Cloudy, light showers 17°C
Photographed

Family Machilidae
Det. Erin Thomsen

Order Coleoptera (Beetles)

Family Buprestidae (Metallic Wood-Boring Beetles)



Canada, British Columbia
1.75km South of China Lake
51.3294N, 122.0527W
1182 m Elev.
18-Jun-2019
Coll.Erin Thomsen

Clearcut log deck, IDFdK3
Partly cloudy, 19°C
Photographed

Family Buprestidae
Chrysobothris sp.
Det. Erin Thomsen



Canada, British Columbia
19km South of Puntataenkut Lake
52.7574N, 123.0441W
1028 m Elev.
30-May-2019
Coll.Erin Thomsen

Clearcut, SBPSdc
Partly cloudy, 25°C
Photographed

Family Buprestidae
Dicerca sp.
Det. Erin Thomsen

Family Cerambycidae (Longhorn Beetles)



Canada, British Columbia
64km East of Taseko Lakes
51.25855N, 122.65580W
1530 m Elev.
23-Jul-2019
Coll.Erin Thomsen

Clearcut, MSxv
Cloudy, 23°C
Photographed

Family Cerambycidae
Judolia sp.
Det. Erin Thomsen



Canada, British Columbia
1km south of Tzenaicut Lake
52.6314N, 122.7951W
1234 m Elev.
20-Jun-2019
Coll. Erin Thomsen

SBPSmk
Cloudy, windy, 18°C
Photographed

Family Cerambycidae
Lepurobosca chrysocoma
Det. Erin Thomsen



Canada, British Columbia
1.2km SE of Sucker Lake
52.3118N, 121.2995W
894 m Elev.
21-May-2019
Coll. Erin Thomsen

SBSdw1
Mostly Cloudy, 15°C
Photographed

Family Cerambycidae
Rhagium inquisitor
Det. Erin Thomsen



Canada, British Columbia
1.5km south of China Lake
51.3304N, 122.0546W
1175 m Elev.
18-Jun-2019
Coll.Erin Thomsen

Clearcut log deck, IDFdk3
Partly cloudy, 19°C
Photographed

Family Cerambycidae
Det. Erin Thomsen

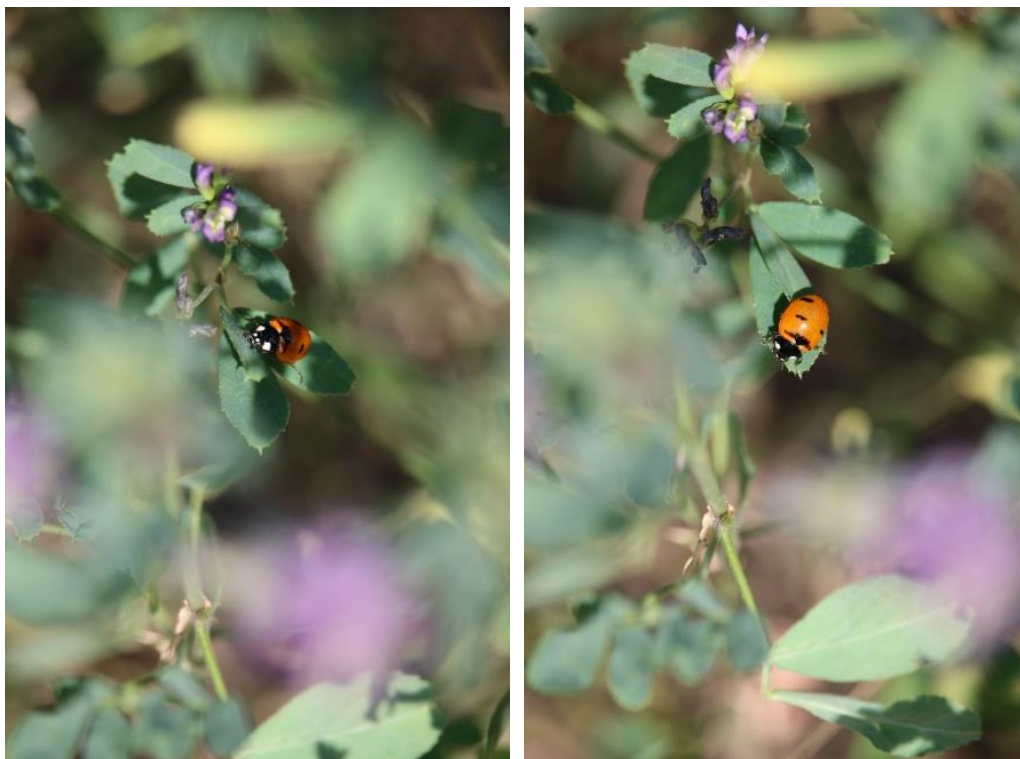


Canada, British Columbia
1.75km South of China Lake
51.3294N, 122.0527W
1182 m Elev.
18-Jun-2019
Coll.Erin Thomsen

Clearcut log deck, IDFdk3
Partly cloudy, 19°C
Photographed

Family Cerambycidae
Det. Erin Thomsen

Family Coccinellidae (Ladybug Beetles)



Canada, British Columbia
Farwell Canyon
51.8290N, 122.5676W
490 m Elev.
10-Aug-2019
Coll. Erin Thomsen

BGxh3
Hot, sunny. 26°C
Photographed

Family Coccinellidae
Det. Erin Thomsen



Canada, British Columbia
Rotary Park, Merritt
50.1181N,120.7882W
589 m Elev.
14-Sept-2020
Coll.Erin Thomsen

City park, BGxw1
Cloudy, light showers 17°C
Photographed

Family Coccinellidae
Det. Erin Thomsen

Family Curculionidae (Snout Beetles)



Canada, British Columbia
Williams Lake
52.1262N, 122.1184W
635 m Elev.
14-Aug-2019
Coll.Erin Thomsen

Indoors. IDfxm
25°C
Photographed

Family Curculionidae
Det. Erin Thomsen

Family Elateridae (Click Beetles)



Canada, British Columbia
Kamloops
50.5631N, 120.4308W
1148 m Elev.
06-Jul-2018
Coll. Erin Thomsen

IDFxh2
Sunny, 26°C
Photographed

Family Elateridae
Alaus melanops
Det. Erin Thomsen

Family Pyrochroidae (Fire-Coloured Beetles)



Canada, British Columbia
Merritt
50.0888N, 120.7421W
720 m Elev.
14-Sept-2019
Coll.Erin Thomsen

BGxw1
Cloudy, light showers 17°C
Photographed

Family Pyrochroidae
Det. Erin Thomsen

Order Diptera (Flies)

Family Asilidae (Robber Flies)

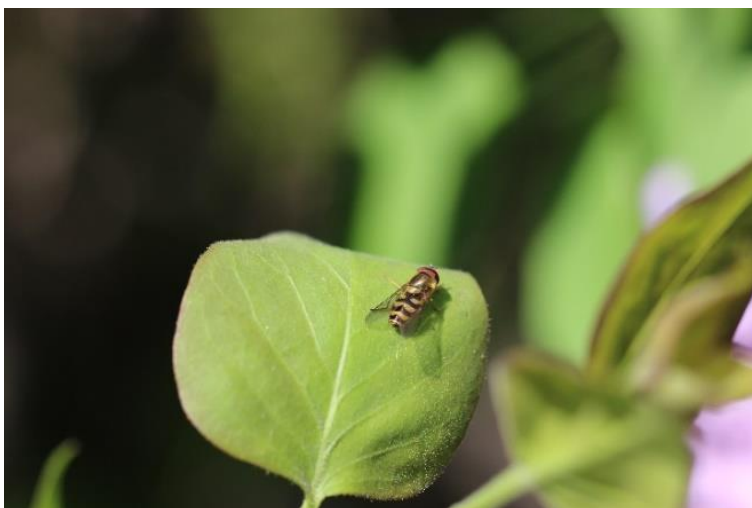


Canada, British Columbia
Farwell Canyon
51.8390N, 122.5308W
837 m Elev.
10-Aug-2019
Coll.Erin Thomsen

BGxh3
Hot, sunny. 26°C
Photographed

Family Asilidae
Proctacanthus sp.
Det. Erin Thomsen

Family Syrphidae (Hoverflies)



Canada, British Columbia
Scout Island in Williams Lake
52.11972N, 122.1197W
573 m Elev.
20-May-2019
Coll.Erin Thomsen

IDFxm
Cloudy. 18°C
Photographed

Family Syrphidae
Det. Erin Thomsen

Family Tipulidae (Crane Flies)



Canada, British Columbia
Paradise Lake
49.917677N, 120.284942W
1508 m Elev.
04-Aug-2019
Coll.Erin Thomsen

MSxk1
Sunny, light breeze. 14°C
Photographed

Family Tipulidae

Det. Erin Thomsen

Order Hemiptera (True Bugs)

Family Acanthosomatidae (Shield Bugs)



Canada, British Columbia
22km West of Merritt
50.0953N, 121.1037W
1268 m Elev.
07-Sept-2019
Coll.Erin Thomsen

MSdm2
Cloudy. 18°C
Photographed

Family Acanthosomatidae
Elasmotethus sp.
Det. Erin Thomsen

Family Alydidae (Broad-Headed Bugs)



Canada, British Columbia
Farwell Canyon
51.8290N, 122.5676W
490 m Elev.
10-Aug-2019
Coll. Erin Thomsen

BGxh3
Hot, sunny. 26°C
Photographed

Family Alydidae
Alydus sp.
Det. Erin Thomsen



Canada, British Columbia
 Rotary Park, Merritt
 50.1181N,120.7882W
 588 m Elev.
 14-Sept-2019
 Coll.Erin Thomsen

City park, BGxw1
 Cloudy, light showers 17°C
 Photographed

Family Alydidae
Megalotomus sp.
 Det. Erin Thomsen

Family Gerridae (Water Striders)



Canada, British Columbia
Paradise Lake
49.917776N, 120.284666W
1502 m Elev.
04-Aug-2019
Coll. Erin Thomsen

MSxk1
Sunny, light breeze. 14°C
Photographed

Family Gerridae
Aquarius remigis
Det. Erin Thomsen



Canada, British Columbia
Scout Island in Williams Lake
52.1189N, 122.1153W
559 m Elev.
18-May-2019
Coll.Erin Thomsen

IDFxm
Cloudy. 15°C
Photographed

Family Gerridae
Gerris sp.
Det. Erin Thomsen

Family Reduviidae (Assassin Bugs)



Canada, British Columbia
Farwell Canyon
51.8350N, 122.5564W
575 m Elev.
10-Aug-2019
Coll.Erin Thomsen

BGxh3
Hot, sunny. 26°C
Photographed

Family Reduviidae
Det. Erin Thomsen

Order Hymenoptera

Family Apidae (Digger Bees, Bumble Bees, Honey Bees, and others)



Canada, British Columbia
Scout Island in Williams Lake
52.120514N, 122.122539W
573 m Elev.
02-Jun-2019
Coll.Erin Thomsen

IDFxm
Cloudy. 20°C
Photographed

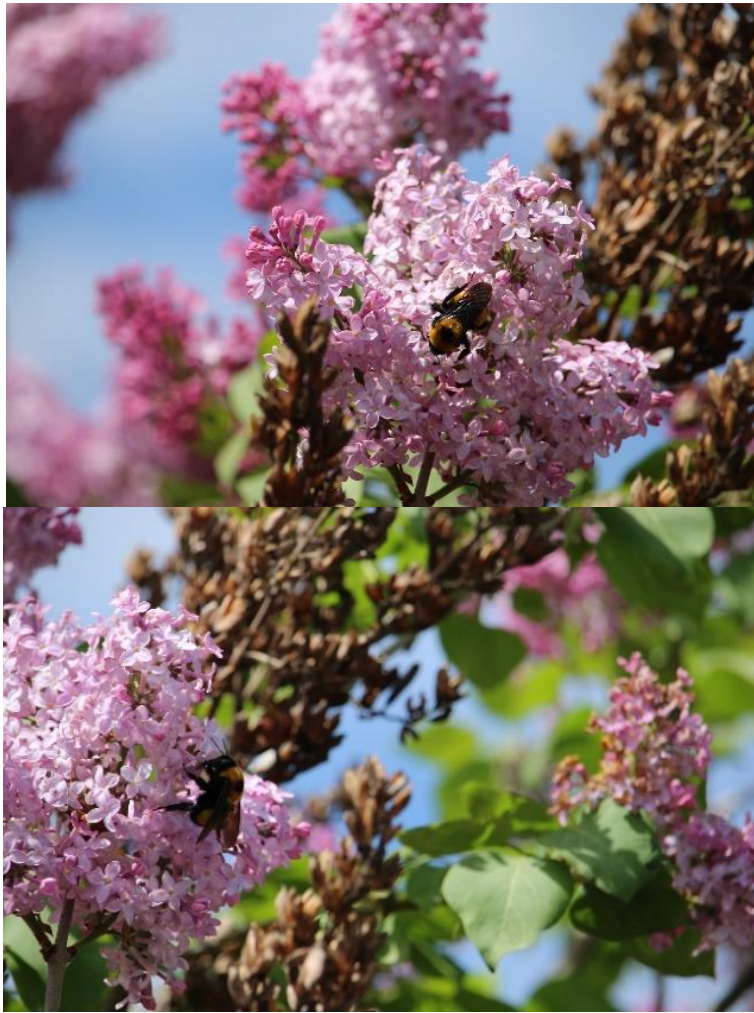
Family Apidae
Bombus ternarius
Det. Erin Thomsen



Canada, British Columbia
Scout Island in Williams Lake
52.11972N, 122.1197W
573 m Elev.
20-May-2019
Coll.Erin Thomsen

IDFxm
Cloudy. 18°C
Photographed

Family Apidae
Bombus vagans
Det. Erin Thomsen



Canada, British Columbia
Scout Island in Williams Lake
52.11972N, 122.1197W
573 m Elev.
20-May-2019
Coll.Erin Thomsen

IDFxm
Cloudy. 18°C
Photographed

Family Apidae
Bombus sp.
Det. Erin Thomsen

Family Formicidae (Ants)



Canada, British Columbia
Scout Island in Williams Lake
52.1195N, 122.1233W
579 m Elev.
20-May-2019
Coll.Erin Thomsen

IDFxm
Cloudy. 18°C
Photographed

Family Formicidae
Det. Erin Thomsen

Family Sphecidae (Thread-Waisted Wasps)



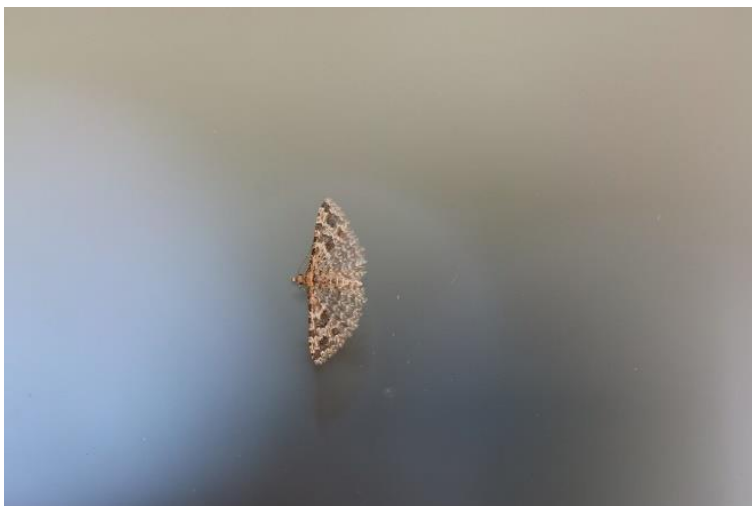
Canada, British Columbia
Farwell Canyon
51.8350N, 122.5564W
575 m Elev.
10-Aug-2019
Coll. Erin Thomsen

BGxh3
Hot, sunny. 26°C
Photographed

Family Sphecidae
Ammophila procera
Det. Erin Thomsen

Order Lepidoptera (Butterflies and Moths)

Family Alucitidae (Many-Plumed Moths)



Canada, British Columbia
Williams Lake
52.1262N, 122.1184W
635 m Elev.
08-Aug-2019
Coll. Erin Thomsen

Residential, IDfxm
Clear. 20°C
Photographed

Family Alucitidae
Alucita montana
Det. Erin Thomsen

Family Erebidae (Erebid Moths)



Canada, British Columbia
Rotary Park, Merritt
50.1181N, 120.7882W
588 m Elev.
14-Sept-2019
Coll. Erin Thomsen

City park, BGxw1
Cloudy, light showers 17°C
Photographed

Family Erebidae
Catocala sp.
Det. Erin Thomsen



Canada, British Columbia
Kamloops
50.5609N, 120.4293
1138 m Elev.
30-Jul-2018
Coll.Erin Thomsen

IDFxh2
Sunny, 33°C
Photographed

Family Erebidae
Gnophaela vermiculata
Det. Erin Thomsen

Family Geometridae (Geometer Moths)



Canada, British Columbia
Williams Lake
52.1262N, 122.1184W
635 m Elev.
30-Aug-2019
Coll.Erin Thomsen

Residential, IDfxm
Mostly Cloudy. 20°C
Photographed

Family Geometridae
Lambdina fiscellaria
Det. Erin Thomsen



Canada, British Columbia
Williams Lake
52.1262N, 122.1184W
635 m Elev.
30-Aug-2019
Coll.Erin Thomsen

Residential, IDFxm
Mostly Cloudy. 20°C
Photographed

Family Geometridae
Det. Erin Thomsen

Family Hesperidae (Skippers)



Canada, British Columbia
5.25km South of Jim Lake
51.3527N, 121.1324W
1125 m Elev.
07-Jun-2019
Coll. Erin Thomsen

IDFdk3
Cloudy, 12°C
Photographed

Family Hesperidae
Carterocephalus palaemon
Det. Erin Thomsen



Canada, British Columbia
Farwell Canyon
51.8350N, 122.5564W
575 m Elev.
10-Aug-2019
Coll. Erin Thomsen

BGxh3
Hot, sunny. 26°C
Photographed

Family HesperIIDae
Ochlodes syvanoides
Det. Erin Thomsen

Family Lasiocampidae (Tent Caterpillars and Lappet Moths)



Canada, British Columbia
Scout Island in Williams Lake
52.1184N, 122.1126W
574 m Elev.
18-May-2019
Coll. Erin Thomsen

IDFxm
Cloudy. 15°C
Photographed

Family Lasiocampidae
Malacosoma californica
Det. Erin Thomsen



Canada, British Columbia
Sooke
48.3675N, 123.7844W
20 m Elev.
02-May-2019
Coll.Erin Thomsen

Indoors. CWHxm2
9°C
Photographed

Family Lasiocampidae
Phyllodesma americana
Det. Erin Thomsen

Family Lycaenidae (Gossamer-Winged Butterflies)



Canada, British Columbia
Scout Island in Williams Lake
52.1187N, 122.1127W
570 m Elev.
18-May-2019
Coll.Erin Thomsen

IDFxm
Cloudy. 15°C
Photographed

Family Lycaenidae
Cupido amyntula
Det. Erin Thomsen



Canada, British Columbia
Paradise Lake
49.9175N, 120.2847W
1506 m Elev.
05-Aug-2019
Coll.Erin Thomsen

MSxk1
Sunny 20°C
Photographed

Family Lycaenidae
Nymphalis californica
Det. Erin Thomsen

Family Nymphalidae (Brush-Footed Butterflies)



Canada, British Columbia
Farwell Canyon
51.8367N, 122.5490W
617 m Elev.
10-Aug-2019
Coll.Erin Thomsen

BGxh3
Hot, sunny. 26°C
Photographed

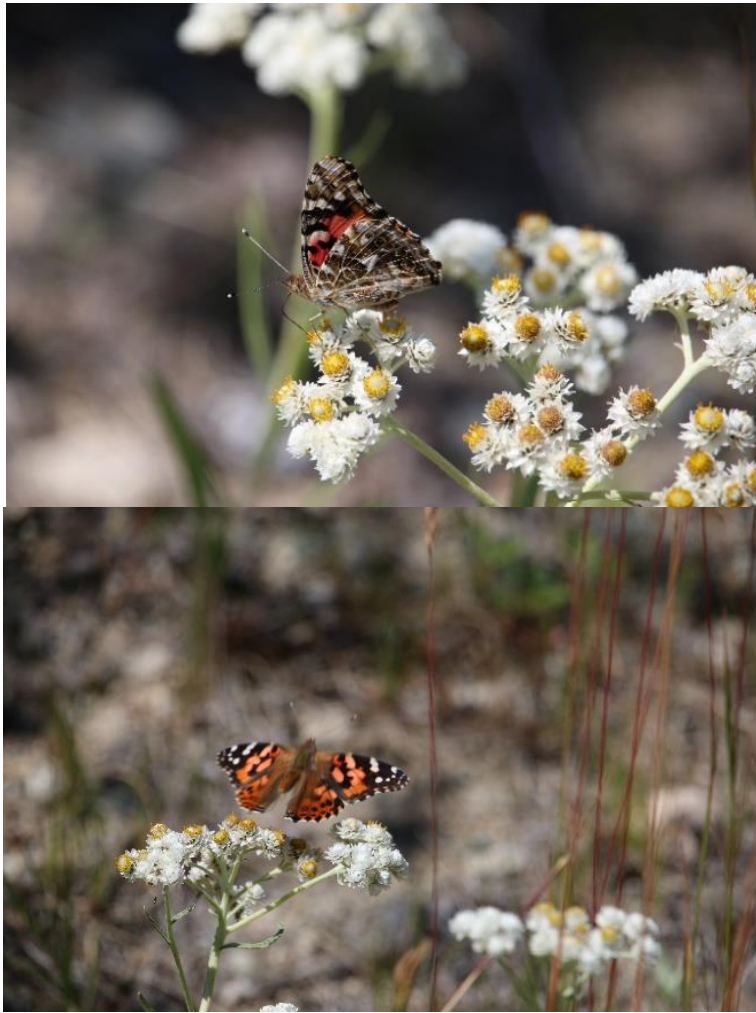
Family Nymphalidae
Cercyonis oetus
Det. Erin Thomsen



Canada, British Columbia
Paradise Lake
49.91722N, 120.2844W
1508 m Elev.
05-Aug-2019
Coll. Erin Thomsen

MSxk1
Sunny, 22°C
Photographed

Family Nymphalidae
Speyeria sp.
Det. Erin Thomsen



Canada, British Columbia
Paradise Lake
49.9175N, 120.2847W
1506 m Elev.
05-Aug-2019
Coll.Erin Thomsen

MSxk1
Sunny, 22°C
Photographed

Family Nymphalidae
Vanessa cardui
Det. Erin Thomsen

Family Sphingidae (Sphinx Moths)



Canada, British Columbia
3.25km NE of Benny Lake
52.5726N, 121.2741W
1089 m Elev.
22-Aug-2019
Coll. Erin Thomsen

ICHwk2
Sunny, 14°C
Photographed

Family Sphingidae
Hemaris thysbe
Det. Erin Thomsen

Family Tortricidae (Tortrix Moths)



Canada, British Columbia
Paradise Lake
49.917856N, 120.285192W
1509 m Elev.
05-Aug-2019
Coll. Erin Thomsen

MSxk1
Sunny, warm. 20°C
Photographed

Family Tortricidae
Det. Erin Thomsen

Order Odonata

Family Aeshnidae (Darners)



Canada, British Columbia
Williams Lake
52.1264N, 122.1182W
619 m Elev.
19-Jul-2019
Coll.Erin Thomsen

Residential, IDfxm
Cloudy. 10°C
Photographed

Family Aeshnidae
Det. Erin Thomsen

Family Coenagrionidae (Narrow-Winged Damselflies)



Canada, British Columbia
George lake on Beaver Valley Road
52.4244N, 121.7726W
688 m Elev.
22-Jun-2019
Coll. Erin Thomsen

SBSdw1
Cloudy, light showers. 20°C
Photographed

Family Coenagrionidae
Det. Erin Thomsen

Family Lestidae (Spread-Winged Damselflies)



Canada, British Columbia
Farwell Canyon
51.8290N, 122.5676W
490 m Elev.
10-Aug-2019
Coll.Erin Thomsen

BGxh3
Hot, sunny. 26°C
Photographed

Family Lestidae
Det. Erin Thomsen

Family Libellulidae (Common Skimmers)



Canada, British Columbia
Scout Island in Williams Lake
52.1206N, 122.1225W
572 m Elev.
02-Jun-2019
Coll.Erin Thomsen

IDFxm
Cloudy. 20°C
Photographed

Family Libellulidae
Leucorrhinia hudsonica
Det. Erin Thomsen

Order Orthoptera (Grasshoppers, Crickets, and others)

Family Acrididae (Short-Horned Grasshoppers)



Canada, British Columbia
Farwell Canyon
51.8367N, 122.5490W
617 m Elev.
10-Aug-2019
Coll.Erin Thomsen

BGxh3
Hot, sunny. 26°C
Photographed

Family Acrididae
Det. Erin Thomsen

Family Gryllacrididae (Camel Crickets and others)



Canada, British Columbia
2.5km NNE of Westwick Lakes
52.0269N, 122.1676W
945 m Elev.
31-May-2019
Coll. Erin Thomsen

IDFdk3
Sunny, 24°C
Photographed

Family Gryllacrididae
Det. Erin Thomsen

Order Plecoptera (Stoneflies)

Family Perlidae (Common Stoneflies)



Canada, British Columbia
Kamloops
50.88497N, 120.28801W
410 m Elev.
03-Nov-2019
Coll.Erin Thomsen

Jamieson Creek. PPxh2
Cloudy 10°C
Photographed

Family Perlidae

Det. Erin Thomsen