

*Revised 2024 April 13*

The “taxonomy” used in this Index is alphabetical within each taxon, and makes no attempt to represent phylogeny. In spite of my decision to do this, I had to make several taxonomic decisions. For example, what names to give to the several lycaenids whose names seem to change with every book that is published? To what families should the “woolly bears” and tiger moths be assigned? Are the Satyridae and Thyatiridae families in their own right, or should they be subsumed in a larger Nymphalidae and Drepanidae? What species names shall I give to our *Coenonympha* and *Celastrina*? In order to complete the Index in the small finite time available to me I allocated not more than about two seconds to each such question (rather shorter than it would have taken to toss a coin), and made each decision with all the authority of an untutored amateur. Thus there will be several places where viewers do not agree with the chosen names – but that is usual in all natural history taxonomies anyway.

At about the same time that this site was being erected, the moth superfamily Noctuoidea was being extensively revised by Lafontaine and Schmidt in their Annotated check list of the Noctuoidea (Insecta, Lepidoptera) of North America north of Mexico, *ZooKeys* 40: 1–239 (2010). I have recently re-organized the Index to take account of this new taxonomy. The details of this revision are described at the bottom of this Index. In order to ease the transition from the old taxonomy to the new, I have included subfamilies within the new Erebidae, maintaining the principle of alphabetical order described at the beginning of the previous paragraph. Readers will notice that the once familiar families Arctiidae and Lymantriidae, as well as some of the old Noctuidae, are now part of Erebidae. *Nola* and *Nycteola* have been moved out of Noctuidae to their own family, Nolidae.

There are doubtless many ways in which the Index could be improved. For example I have not listed or cross-referenced alternative nomenclatures, nor have I listed English names, and I have not included animals mentioned in the site but not photographed. Apart from disagreements over the taxonomy (which are not really “mistakes”), there are doubtless several mistakes in the Index, and I would be glad if viewers who notice any mistakes to inform me ([tatumjb352@gmail.com](mailto:tatumjb352@gmail.com)) so that they can be corrected. I would be particularly glad to be notified of any dates that are wrongly listed. Also any spelling mistakes, or such disastrous mistakes as my having inadvertently listed some butterfly in the Malacostraca or a beetle in the Hymenoptera. We have tried to be as accurate as possible in the identifications of the animals, but, if you believe that we have made any mistakes in the identifications, please get in touch with me. There are several photographs of unidentified insects. You will be able to find these if you ask your computer to “Find” the word “unidentified” or the abbreviation “sp.”. If you think you can help with the identifications of these, please do let me know.

The fonts that I have used for the several taxonomic layers are **CLASS**  
**SUBCLASS** **Order** FAMILY SUBFAMILY *Genus species*. Subfamilies are used mostly only within the moth family Erebidae, in order to try to ease the transition from the old noctuoid taxonomy to the new.

Dates in the Index are given in the order year month day.

## USING THE INDEX

This note is written to help you use the Index. It is a little tricky, but after a few goes you may get used to it!

Suppose you want to find a photograph of a particular butterfly or other invertebrate, you have to know its scientific name, because all of the creatures are listed by scientific name. Thus, suppose that you are looking for a photograph of the Western Pine Elfin, you have to know its scientific name, which you may know as *Callophrys eryphon*.

Near the left hand side of the Index, you'll find a small window that says "Search Document". Type in there the species name eryphon, and click. (You needn't use italics.) I advise against typing the whole name *Callophrys eryphon*. Invertebrates are often moved by the taxonomists from one genus to another. Indeed in this Index the Western Pine Elfin is listed as *Incisalia eryphon*. Your search will fail if you type *Callophrys eryphon*, but it will succeed if you just type eryphon.

Having found *Incisalia eryphon*, you will find a list of dates under which this species appears. Make a note of the date(s) that you wish to look at, and then go back to the Invertebrate Alert site.

The snag now is that you don't know on which page to find the entry for the date that you want.

There are two procedures. If the date you are searching for is November 2014 or earlier, go to the bottom of the page. There you will find a list of pages, 1 to 9 and finishing at Next. Click on the largest number (just to the left of Next). At the time of writing this number is 164, but it will probably be larger by the time you read this. When you have done that, you will find yourself at June-July 2014. Go to the bottom of the page, and near the bottom you will find a list of months, which you can click on, and your search will soon be over.

If the date you are searching for is later than November 2014 your search is going to be a little trickier. Let's suppose that we wish to find the image of *eryphon* on 16 April 08. (This is written in the order year, month, day.) We have no idea which page it is on, and at the time of writing there are 164 pages. Let's make a wild guess and we'll try and find page 50. Here's a quick way of finding page 50:

Near to top of the Invert Alert page you will find [www.vicnhs.bc.ca/?cat=8](http://www.vicnhs.bc.ca/?cat=8)

Between ? and cat type `paged=50&` and then click This will take you to page 50, which is for 2017 January 31. You have got to go much further to reach 2016 April 08.

Let's try page 75. Go to the top of the page and change paged=50& to paged=75&

This takes you to 2016 June 14. You've still got a little way to go. It's actually on page 88.

'Fraid this is a bit of a rigmarole, but it's the best we can manage at present. It'll be hard the first time you try it, but after a few goes you may get used to it! If we find a better way sometime, we'll implement it.

## ARACHNIDA

### Acari

In this Index, **This Font** generally means an Order, and for the purposes of this Index we shall treat **Acari** as an Order. However, in current classifications, Acari is probably better treated as a Subclass, within which there are several Orders, which have not yet settled down. If I get a moment one day, I may try and sort the animals below into their new Orders. The animals included in **Acari** are the mites and ticks.

#### ACARIDAE

*Tyrophagus* sp. 18Jan02;

#### ANYSTIDAE

*Anystis* sp. 15Jun16;

#### ARRENURIDAE

*Arrenurus* sp. 23Jun05;

#### BDELLIDAE

*Neomolgus littoralis* 17Jan31

Bdellid sp 20Apr19; 20Dec31; 21Jan04; 21Jan08; 21Feb06; 21Nov25; 22Mar05;  
23Feb08; 23Feb10; 23Mar08; 23Mar11; 23Mar13; 23Mar15; 23Apr19;  
24Feb14; 24Feb18;

#### COCCEUPODIDAE

*Linopodes* sp. 20Jul05;

#### ERIOPHYIDAE

*Aceria genistae* 17Mar18;

ERYTHRACARIDAE

Unidentified 18Jan08;

ERYTHRAEIDAE

Unidentified 10Jul27

GAMASIDAE

*Poecilochirus* sp. 16Jun14; 21Sep27;

IXODIDAE

*Ixodes* (probably *auritulus*) 10Jul14;

*Ixodes pacificus* 14Apr11; 17Apr11; 17Apr18; 18Jan22; 18Feb27; 18Mar11; 21Mar01;

*Ixodes* sp. 19Oct16; 20Jul09;

PIONIDAE

*Piona* sp. 20Jul23;

TETRANYCHIDAE

Unidentified 22Sep24;

TROMBIDIIDAE

*Allothrombium* sp. 19Mar28;

*Trombidium* sp. 24Apr05; 24Apr06;

Unidentified 17Apr18;

Unidentified marine mesostigmatan 18Apr11;

## Araneae

AGELENIDAE

*Agelenopsis actuosa* 19Sep12;

*Agelenopsis potteri/utahana* 21Oct09;

*Eratigena agrestis* 17Nov02; 18Jan08; 22Oct07;

*Eratigena duellica* (also under *E. atrica*) 15Sep06; 15Sep18; 16Feb05; 16Dec02; 16Dec30;

17May07; 17Aug09; 18Jul10; 18Aug19; 18Sep20; 19May21; 20Oct08;

21Feb12; 21Oct09; 22Jul29; 22Sep08; 22Sep10; 23Aug21; 23Aug25;

23Nov01; 24Feb19;

*Eratigena* sp. 19Oct09; 21Jan08; 21Mar16; 22Oct05; 24Feb16;

AMAUROBIIDAE

*Callobius pictus* 19Oct14; 20Oct05; 21Mar27; 21May06; 22Aug29; 22Oct13; 22Oct22;

22Nov25; 23Aug25; 24Feb19;

*Callobius severus* 16Nov09; 18Oct17; 19Oct24; 20Apr22; 23Jan10;

*Callobius* sp. 11Jun20;

#### ANTRODIAETIDAE

*Antrodiaetus pacificus* 14Nov01; 15Sep06; 15Oct09; 17Mar24; 20Jun15; 20Oct08;  
20Oct10; 21Jan15; 21Jan16; 21Mar08; 21Mar13; 21Mar15; 21Mar19;  
21Mar20; 21Oct09; 22Aug24; 22Nov15; 23Aug21; 23Aug25; 24Feb18;  
24Feb19;

#### ANYPHAENIDAE

*Anyphaena aperta* 19Apr15; 22Oct22;  
*Anyphaena* sp. 14May08; 21Mar23; 22Mar05;

#### ARANEIDAE

*Araneus diadematus* 11Aug01; 12Nov16; 13May19; 15Aug12; 15Sep23; 15Nov11;  
16May16; 16Jun17; 16Jul23; 16Aug29; 16Sep21; 16Sep25; 16Oct05;  
16Nov02; 17May07; 17May26; 17Aug11; 18Sep20; 18Sep27;  
18Nov11; 19Aug11; 19Oct23; 19Oct25; 20May06; 20Aug12;  
20Sep14; 20Oct03; 20Oct08; 21Jul29; 21Sep02; 21Sep11;  
22Jul28; 22Aug19; 22Aug30; 22Sep05; 22Sep10; 22Sep18;  
22Sep20; 22Sep24; 22Sep27; 22Sep28; 22Oct01; 22Oct05;  
22Oct24; 22Oct25; 23May14; 23Sep05; 23Sep08; 23Sep13;  
23Sep20; 24Jan27; 24Feb02; 24Feb15; 24Feb23; 24Mar02;  
24Feb19;  
*Araneus saevus* 17Sep20; 18Mar21; 18Aug28; 19Aug25; 19Oct26;  
*Araneus trifolium* 15Aug17; 15Sep13; 18Sep27;  
*Araniella displicata* 17May01; 17Jun04;  
*Argiope trifasciata* 18Sep27; 23Aug21;  
*Cyclosa conica* 17Apr22;  
*Larinioides sclopetarius* 21Jul09;  
*Zygiella* sp. 22Oct04; 22Oct13;

#### CLUBIONIDAE

*Clubiona lutescens* 21Mar15; 22Aug29; 19Apr21;  
*Clubiona* sp. 17Apr06; 20Oct04; 20Nov23; 21Mar16; 24Mar23; 24Mar27;

#### CORINNIDAE

*Castianeira longipalpa/walsinghami*

#### CYBAEIDAE

*Cybaeus signifer* 16Oct25; 20Oct10; 20Nov29; 20Dec07; 20Dec31; 22Aug27; 23Feb10;  
23Aug21; 24Jan27; 24Mar23;  
*Cybaeus* sp. 20Dec28; 23Jan06;  
*Dirksia cinctipes* 19Oct14;  
*Ethobuella tuonops* 21Apr03;

#### DYSDERIDAE

*Dysdera crocata* 17May31;17Nov02; 20Oct23; 20Dec02; 21May09; 22Aug24; 23Jun18;

#### GNAPHOSIDAE

*Micaria* sp. 22Oct01;

*Scotophaeus blackwalli* 14Oct28; 15Aug13;15Oct13; 16Apr07; 16May08; 16Aug02;  
19Jul30; 19Aug02; 20Dec21; 21Feb12; 22Oct26; 23Apr18; 23Jul13;

*Sergiolus columbianus* 17Apr11;

*Sergiolus* sp. 17Jun14;

#### LINYPHIIDAE

*Bathyphantes keeni* 20Oct22;

*Bathyphantes* sp. 20Nov23; 21Mar07;

*Erigone* sp. 21Oct05; 21Nov01;

*Helophora* sp. 21Feb12;

*Linyphantes* sp. 20Oct29; 21Apr03; 23Mar11; 24Feb24

*Neriere digna* 21Mar08; 22Oct05; 22Oct13; 22Oct22;

*Neriere* sp. 11Jun08;16Apr20; 20Dec28; 21Feb18; 21Feb28; 21Mar19; 21Mar30;  
21Apr05; 22Sep18; 22Oct25; 22Nov19; 22Nov20; 22Nov27; 23Feb10;  
23Apr18; 24Feb13; 24Mar02; 24Feb19; 24Mar23;

*Pityohyphantes* sp. 20May13;

*Prolinyphia* sp. 11Jun08;

*Wabana* sp. 21Feb27;

Unidentified 17Apr17; 18Jan08; 20Oct08; 20Dec02;20Dec18; 21Jan08;21Jan12;  
21Jan15; 21Jan18; 21Mar20; 21Mar26; 21Mar27; 21May31; 22Oct23;  
22Oct25; 22Nov15; 22Nov16; 22Nov25; 22Dec07; 22Dec10; 22Dec31;  
23Jan06; 23Feb09; 23Mar08; 23Mar16; 23Apr19; 23Sep05; 24Feb02;  
24Feb07; 24Feb16; 24Feb18; 24Mar23; 24Apr02; 24Apr05; 24Apr09;

#### LYCOSIDAE

*Alopecosa kochi* 14Feb14; 17May15;

*Arctosa perita* 10Apr23; 20Apr19;

*Pardosa distincta*19Aug05;

*Pardosa lowriei* 20Apr24; 20Jul19;

*Pardosa vancouveri* 14Apr03; 16Mar19; 17Mar29;17Apr10;17Apr13; 17Apr18;  
21Feb28;

*Pardosa* sp. 15Nov11;16Feb16;

#### MYSMERIDAE

*Trogloneta* sp. 22Sep18; 22Oct13;

#### OXYOPIDAE

*Oxyopes scalaris*; 18Apr10; 19Jul18;

#### PHILODROMIDAE

*Philodromus dispar* 10May26; 14May12;16Feb22; 16May06; 16May24; 19May16;

20Nov11; 20Nov12; 21Mar11; 21Mar30; 22May02; 22Sep08; 22Oct13;  
22Oct23; 22Oct25; 23Jan08; 23Jan14; 23Aug21; 24Feb15;

*Philodromus rufus* 16Dec02; 21May09; 22Nov08; 23Mar05; 24Jan27; 24Feb21;

*Philodromus oblongus* 14Apr24;

*Philodromus* sp. 17Mar28; 20Oct03; 21Jan18; 22Aug30;

*Tibellus oblongus* 20Jul05; 20Sep14; 23May02; 23May03; 23May13; 23May14;

Unidentified 22Dec10;

#### PHRUROLITHIDAE

*Phrurotimpus borealis* 17Jul27;

#### PIMOIDAE

*Pimoa altioculata* 22Oct22; 22Nov15; 22Nov18; 22Nov19; 22Nov20; 23Jan08;

23Feb11; 23Mar13; 23Mar16; 23May07; 24Feb13; 24Feb16; 24Apr04

Unidentified. 22Dec31; 23Jan06; 23Feb09; 24Feb24

#### PISAUURIDAE

*Dolomedes triton* 10Mar24; 12May01;

#### PHOLCIDAE

*Pholcus phalangioides* 15Feb17; 16Aug02; 19Feb20; 19Oct18; 19Oct24; 20May11;

20Jun08 (movie); 20Jun24; 21Jan09; 21May02; 21Dec24; 23Feb20;

#### PIMOIDAE

*Pimoa altioculata* 20Oct22; 20Oct23; 20Dec28; 20Dec31; 21Feb12; 21Feb17; 21Mar08;

21Mar23; 21Mar29; 24Mar23; 24Mar27;

#### SALTICIDAE

*Eris militaris* 10May26; 14May01; 20May11; 23Jun23;

*Evarcha proshynskii* 16Apr13; 16Apr22; 17Apr30; 17Aug03; 23May03;

*Evarcha* sp. 22Apr30;

*Habronattus americanus* 17Jul27;

*Metaphidippus manni* 10Jun28; 18May21; 23May14;

*Pelegrina aeneola* 18Apr28;

*Pelegrina* sp. 20 Apr 13;

*Phanias albeolus* 18Apr07; 21Nov25;

*Phidippus borealis* 10Apr16; 10Apr14

*Phidippus johnsoni* 13Jun03; 13Jun18; 15Apr30; 15Aug21; 15Aug27; 16May30; 16Oct11;

17May08; 17May23; 18May25; 18Jul12; 19May30; 20Jul16; 21May23;

*Phidippus purpuratus* 18May08;

*Platycryptus californicus* 16Mar28; 16Jul25; 17May26; 19May10; 23May18; 23Jun28;

*Salticus scenicus* 10Jul09; 11Apr19; 16May19; 17Apr12; 17Apr12; 17May19; 17May26;

17Aug27; 17Oct21; 19Jul22; 20Apr19; 20Jun13; 20Aug28; 21May11;

21Jul24; 23Jun29;

*Terralonus californicus* 21Dec02;

Unidentified 10Jul08; 11Apr09; 11Apr19; 13Jun03; 14May13; 16May04; 16Nov02;

17Apr27; 19Apr21; 20May11; 20Jun22; 23May03;  
Unidentified dendryphantine 13Aug27;

#### TETRAGNATHIDAE

*Metellina curtisi* 22Aug28; 22Aug30; 22Sep04; 22Sep10;  
*Metellina segmentata* 20Oct29;  
*Metellina* sp. 22Sep18; 22Oct18; 22Oct22; 22Nov15; 22Dec07; 23Jan14;  
*Tetragnatha versicolor* 16Apr26; 20Aug02; 22Oct07; 22Oct23; 22Nov16; 22Dec31;  
23Jan08; 23Jan10; 23Feb10; 23Mar13;  
*Tetragnatha* sp. 13May15; 14Apr20;

#### THERIDIIDAE

*Enoplognatha ovata* 18Jul09; 19Nov10; 22Aug24; 22Aug27; 22Oct13; 23Jun18; 23Jul28;  
24Apr09;  
*Latrodectus hesperus* 14Sep27; 16Jan12; 18Jan04; 19Aug05;  
*Parasteatoda tepidariorum* 17Feb24; 18Aug13; 19Dec19;  
*Rugathodes sexpunctatus* 24Mar01; 24Mar02; 24Apr04;  
*Steatoda albomacularia* 18Sep20;  
*Steatoda bipunctata* 24Apr11; 24Apr12;  
*Steatoda grossa* 16Jan06; 17Jun26; 17Sep23; 18Feb06; 19Oct16; 19Nov07; 22Oct25;  
23Feb11; 23Aug19;  
*Steatoda* sp. 23Jun25; 24Apr04; 24Apr11;

*Theridion* sp. 15Jun22; 20Nov29; 21Feb27; 22Oct22;  
Unidentified 19Aug11; 20Apr23; 20Jun22; 24Mar23;

#### THOMISIDAE

*Bassianiana utahensis* 16Apr16; 21Jan04; 24Jan27;  
*Coriarachne brunneipes* 16Apr16; 20June11; 22Jun03;  
*Mecaphesa* sp. 17Jul27; 20May08;  
*Misumena vatia* 10Jul11; 13Apr07; 15Jun05; 15Jun07; 15Aug12; 16Apr24; 16Jun06;  
16Sep21; 17Jun14; 17Jul05; 17Jul30; 18Aug08; 18Aug17; 18Aug20;  
19Jan25; 19Jul20; 19Jul22; 19Aug06; 20Jun20; 20Jul01; 20Aug05;  
20Aug17; 20Aug18; 20Aug27; 20Aug29; 20Sep24; 21May20; 21Jun18;  
21Jun21; 21Sep21; 22Jun26; 22Aug13; 23May02; 23May18; 23Aug26;  
*Xysticus cristatus* 15Sep19; 18Jan08; 22Oct23; 23Apr30; 23May04; 23May14;  
*Xysticus preteosus/locuples* 20Apr14;  
*Xysticus* sp. 14Apr11; 20May06; 21Jun26;  
Unidentified 13May12; 19Oct09;

#### ULOBORIDAE

*Hyptiotes gertschi* 22Sep10; 22Sep14;

### Opiliones

#### PHALANGIIDAE

*Leptobrunus parvulus* 19Oct13; 20Oct06; 22Sep14; 22Oct05;



*Oliogolophus tridens* 23Apr20;

*Phalangium opilio* 11Aug26; 16May04; 16Jun27; 17Jun08; 19Aug18; 20Aug22;  
20Aug25; 20Aug31; 20Sep15; 22Oct 25; 23Jul01; 23Aug24;  
23Sep15;

*Platybunus triangularis* 21Feb18;

*Protolophus* sp. 19Apr24; 20Oct17; 20Oct22; 20Nov11; 20Nov23; 21Jan15;  
21Feb21; 21Mar11; 21Mar13; 21Mar16; 21Mar19; 21Mar21; 23Jun25;

Unidentified 21Mar16; 22Aug24; 22Aug29; 22Oct09; 22Oct22; 22Nov27; 23Jan06;  
23Sep05; 24Feb02; 24Feb11; 24Feb19; 24Feb21; 24Feb24; 24Mar31;  
24Apr11;

#### SCLEROSOMATIDAE

*Nelima paessleri* 19Oct07; 20Dec28; 23Apr24;

*Leiobunum* sp. 17Feb07;

Unidentified 12Nov04; 18Oct18; 20Nov29; 22Dec10;

### **Pseudoscorpiones**

Unidentified 12Sep27; 17Apr18; 17May24; 21Feb11;

## **CHILOPODA**

### **Geophilomorpha**

#### GEOPHILIDAE

Unidentified centipede 13Feb12; 23Mar15;

### **Lithobiomorpha**

#### LITHOBIIDAE

*Lithobium forficatum* 24Feb19;

Unidentified centipede 20Apr28; 22Nov25;

## **CLITELLATA**

### **Haplotaxida**

#### ACANTHODRILIDAE

*Arctiostrotus vancouverensis* 24Feb11;

#### LUMBRICIDAE

*Lumbricus terrestris* 15Feb09; 17Mar07; 23Mar14; 23Mar15;

Unidentified 18Jan05; 21Mar26;

## **DIPLOPODA**

**Polydesmida**

## EURYMERODESMIDAE

*Pseudopolydesmus serratus* 21Apr02; 22Nov25;  
Unidentified 20Sep29; 20Oct04; 20Dec06; 21Mar27;

## JULIDAE

*Ophiulus pilosus* 21Mar30;  
Unidentified 21May31; 24Apr04;

## POLYDESMIDAE

*Scytonotus* sp. 18Apr07; 22Nov25; 22Dec10; 23Jan14; 23Apr20; 24Apr05;  
Unidentified 17Jan31;

## XYSTODESMIDAE

*Harpaphe haydeniana* 11May16; 14May14; 15May15; 15Jul29; 17Apr18; 18Jul09;  
22May20;

Unidentified 15Oct03; 15Oct27; 18Oct18;

**DIPLURA**

Unidentified 20Nov09;

**ENOPLEA****Mermithida**

## MERMITHIDAE

Unidentified 18Apr10;

**ENTOGNATHA****COLLEMBOLA****Entomobryomorpha**

## ENTOMOBRYIDAE

*Entomobrya intermedia* 16Oct12; 21Oct04;

## ORCHESELLIDAE

*Orchesella cincta* 21Mar11; 21Feb28; 21Mar15; 23Mar11; 23Mar15; 24Feb13; 24Feb14;  
24Mar02;  
*Orchesella villosa* 20Oct25; 20Oct26; 20Dec11; 20Dec31; 21Jan16; 21Feb17;

21Mar10; 21Mar11; 21Mar13; 21Mar20; 21Mar23; 21Mar31; 21Apr03;  
 21Apr05; 22Sep05; 22Oct21; 23Mar14; 23Apr20; 23Apr23; 24Feb16;  
 24Feb21; 24Mar23; 24Apr11;

#### TOMOCERIDAE

*Pogonognathallus bidentatus* 17Dec08;  
*Pogonognathallus* sp. 21Apr01;

Unidentified tomocerine 18Apr07; 20Dec10; 21Mar17;  
 Unidentified springtail 19Nov24; 21Mar20;

### **Poduromorpha**

#### HYPOGASTRURIDAE

Unidentified 20Jul05;

#### NEANURIDAE

*Morulodes serratus* 17Dec08;

#### ONYCHIURIDAE

*Hymenaphorura cocklei* 18Jan16;

### **Symphyleona**

#### DICYRTOMIDAE

*Dicyrtomina minuta* 20Dec02; 21Mar13; 21Mar15;  
*Dicyrtomina ornata* f *saundersi* 21Jan16; 21Feb20; 21Mar24;  
*Ptenothrix beta* 20Nov12; 23Apr28;  
*Ptenothrix maculosa* 16Apr12; 16Dec01; 17Apr25; 20Dec02; 21Oct04;  
*Ptenothrix* sp. 18Jan16; 19Nov14; 20Nov23; 20Nov26; 20Dec11; 20Dec17; 21Jan16;  
 21Mar26; 23Jan06; 23Feb09; 23Feb10; 23Mar15; 23Apr23; 24Feb21;  
 24Apr04; 24Apr06;  
*Ptenothrix* sp. nov. 21Feb17; 21Feb20; 21Mar15; 22Mar21; 22Dec07; 23Jan08; 23Jan14;  
 24Mar02;  
 Unidentified sp. 21Feb28; 24Feb14; 24Feb16; 24Mar27;

#### KATIANNIDAE

*Sminthurinus elegans* 18Jan16;  
*Vesicephalus occidentalis* 17Dec08; 18Jan16; 19Mar26;

Unidentified springtail 16Sep13; 16Dec01;

### **ZYGENTOMA**

## Thysanura

### LEPISMATIDAE

*Ctenolepisma longicaudatum* 12Oct09; 13Dec08;14Nov01;17Jan01;17Jan08;  
18Jan26;18Nov30,19Mar05;19Dec17;20Jun17; 20Dec06;  
20Dec13; 20Dec17; 21Feb15; 21Sep21; 22Jul17;  
*Lepisma saccharinum* 20Dec13;  
*Thermobia domestica* 10Sep17; 11Apr24; 12July07; 13Jan03;14Nov01;15Nov28;  
17Jan06;17Jan08;18Feb24;18Dec04;19Feb19;19Nov19;19Dec17;  
20 May12;20Aug09;

### NICOLETIIDAE

Unidentified sp. 20Dec13;

## GASTROPODA

### Pulmonata

“**Pulmonata**” is treated as an Order (terrestrial slugs and snails) for the purposes of this Index. This may not agree with all modern classifications.)

### AGRIOLIMACIDAE

*Deroceras invadens* 21Apr02; 21Jan18; 21Mar02; 21Mar13; 21Apr03; 22Dec07;  
23Feb09; 23Apr18; 23Apr23; 24Feb07; 24Feb14;  
[Some of the earlier photographs of this species on this site may be labelled *D. panorbitanus*. More recent work has shown that our species should be called *D. invadens*.]  
*Deroceras reticulatum* 20Oct14; 20Oct25; 20Nov11; 20Dec04; 20Dec08; 20Dec31;  
21Jan14; 21Feb26; 21Mar11; 21Mar29; 21Apr03; 22Dec07;  
23Jan08; 23Jan14; 23Mar08; 23Mar13; 23Mar16; 23Apr19;  
23Apr20; 23Apr27; 24Feb15; 24Feb21; 24Feb24; 24Mar23;  
24Mar31; 24Apr04; 24Apr11; 24Apr12;

*Deroceras* sp. 23Mar11;

### ANADENIIDAE

*Prophysaon andersonii* 14Oct01; 16Sep11;  
*Prophysaon foliolatum* 16Sep25; 18Feb11;20Apr23;21Jan11  
*Prophysaon* sp. 21Mar30;

### ARIONIDAE

*Ariolimax columbianus* 10Jul03; 12Oct21; 13Mar27;15Sep01; 16Sep25; 18Oct10;  
19Jul14; 19Nov10; 19Nov 14; 20Sep26; 20Sep27; 20Sep29; 20Oct03;  
20Nov06; 21Jan16; 21Feb12; 21Mar02; 21Apr03; 21May31; 22Apr26;

22Jul09; 22Jul25; 22Aug16; 24Apr09; 24Apr12;  
*Arion distinctus* 21Mar26; 21Apr02;  
*Arion (Carinarion)* 20Dec18;  
*Arion "hortensis"* 20Nov09; 20Dec04; 21Apr03;  
*Arion rufus* 12Sep19; 13Jul03; 18Sep20; 19Jul07; 19Oct14; 20Jun06; 20Sep22; 20Sep27;  
 20Sep29; 20Oct01; 20Oct03; 20Oct10; 20Oct11; 20Nov06; 21Mar05;  
 21Mar30; 22Jul20; 23Apr25; 23Aug29;  
*Arion "subfuscus"* 14Oct15; 19Sep18; 20Nov09; 20Nov23; 21Jan11; 21Apr03; 23Jan10;  
 23Mar13; 23Apr22; 23Apr24; 24Feb18;  
*Arion* sp. 20Dec08; 21Mar05; 21Mar10; 21Mar11; 24Apr02; 24Apr12;  
*Hemphillia dromedarius* 18May07;  
*Lehmannia valentiana* 22Jul22; 24Feb23;

## BRADYBAENIDAE

*Monadenia fidelis* 10Jun15; 12Jun18; 14May12; 15Mar30; 16Jun24; 16Sep08; 16Oct18;  
 17Apr09; 20Apr21; 20May18; 20May22; 20Jun13; 20Jul04;  
 23May22;  
 20Aug22; 21May05; 21Jun16;

## CIONELLIDAE

*Cochilocopa lubrica* 16Mar28;

## DAUBEBAEIIDAE

*Oxychilus alliarius* 16Mar15;  
*Oxychilus draparnaudi* 16Nov09; 20Oct14; 20Oct21; 20Oct25; 20Nov14; 20Nov18;  
 20Nov20; 20Nov23; 20Dec08; 20Dec10; 21Jan18; 21Mar22; 21Mar26;  
 21Apr02; 21Apr05;

## HAPLOTREMATIDAE

*Ancotrema sportella* 21Jan16;  
*Haplotrema vancouverense* 17Mar19; 21Jan11; 21Feb28; 21Mar22; 21Mar26;  
 23Apr22;  
 Unidentified 20Sep30; 20Oct01; 20Oct08; 20Oct11; 20Oct13; 22Nov25;

## HELICIDAE

*Cepaea nemoralis* 11May19; 12Oct16; 12Oct21; 14May12; 15Mar28; 15Apr19;  
 15May26; 16Apr14; 17Jun01; 17Jun16; 18Jul02; 18Jul09; 19Jul23;  
 19Sep18; 19Sep19; 20Aug02; 20Aug13; 20Aug17; 21Mar08; 21Jun16;  
 21Jul06; 22May10; 22Jul05; 22Aug08; 22Sep17; 22Sep20; 23Apr22;  
*Cornu aspersum* 10Jul08; 13Feb12; 19Sep15; 22Jun25;

## LAURIIDAE

*Lauria cylindracea* 18Jan08; 20Nov18; 20Nov20; 20Nov23; 20Nov27; 20Dec10;  
 21Feb28; 21Mar02; 21Mar22; 21Mar26; 21Mar30; 23Jan10;  
 23Mar11; 23Apr23; 24Feb02; 24Feb14; 24Feb23; 24Mar02; 24Mar23;

24Mar31;

#### LIMACIDAE

*Ambigolimax valentianus* 17Jun23; 20Nov19; 20Nov23; 20Nov29; 20Dec18;  
21Jan16; 21Feb26; 21Mar10; 21Mar13; 21Mar16; 21Apr01; 21Apr05;  
24Mar23;

*Limax maximus* 11Sep29; 14Nov01; 15Aug16; 20Jul30; 20Oct01; 20Oct03; 20Oct07;  
20Oct10; 20Oct25; 20Oct26; 20Oct29; 20Nov19; 20Nov23; 20Dec08;  
20Dec17; 20Dec21; 20Dec31; 21Jan18; 21Feb12; 21Feb26; 21Mar10;  
21Mar13; 21Mar16; 21Mar23; 21Mar26; 22Jul30; 22Oct11; 24Feb19;  
23Mar27; 24Apr02;

#### LYMNAEIDAE

*Lymnaea stagnalis* 20Aug13;

#### PRISTILOMATIDAE

*Pristiloma arcticum* 18Jan21;

#### POLYGYRIDAE

*Cryptomastix germana* 13Apr02; 20Oct07; 20Oct18; 21Jan11; 21Feb26; 21Mar02;  
21Mar05; 21Mar08; 21Mar22; 24Feb23;

*Vespericola columbianus* 16Sep13; 20Aug22; 20Oct07; 20Oct18; 21May05; 24Feb23;  
24Apr05;

#### VERTIGINIDAE

*Nearctula* sp. 15Mar23; 16May03; 16Sep28; 16Oct16; 16Nov02; 17Feb20; 20Aug22;  
20Nov11; 21Feb06; 21Apr04; 22Mar05;

Unidentified 17Mar12; 19Dec07; 20Mar11; 20Oct18;

## INSECTA

### Blattodea

#### ARCHOTERMOPSIDAE

*Zootermopsis angusticollis* 20Aug25; 20Aug29; 21Mar01;

#### RHINOTERMITIDAE

*Reticulitermes hesperus* 20Apr28; 22Oct27;

### Coleoptera

#### AGYRTIDAE

*Necrophilus hydrophiloides* 18Jan08; 23Feb05;

#### ATELLABIDAE

*Merhynchites bicolor* 11Jun08; 15May13; 15May23;

#### BOTHRIDERIDAE

*Oxylaemus validus*

*Oxylaemus californicus* 20May09;

#### BUPRESTIDAE

*Agrilus* sp. 19Jul09; 19Jul10; 20Jun08; 23Jul01;

*Agrilus* (perhaps *burkei*) 15May24;

*Agrilus* (probably *politus*) 22Jul06;

*Buprestis aurulenta* 10Jun22; 12Jul12; 15Jun05; 16Apr01; 16May23; 16May24;  
16Aug01; 17Jun19; 18Apr13; 18Jul09; 19Oct09; 20May27;  
20Jul06; 20Jul14; 21May09; 22Aug02; 22Aug23;

*Chalcophora angulicollis* 20May09; 20Jul05; 23Jul31;

*Dicerca* sp. 23Aug25;

Unidentified 17Jun26;

#### BYTURIDAE

*Byturus unicolor* 15May13; 20May06

#### CANTHARIDAE

*Dichelotarsus melvillei* 15Jun06;

*Dichelotarsus* sp. 20May05;

*Podabrus cavicollis* 17Jul05; 18Aug05;

*Podabrus* sp. 11May16; 13May01; 16May31;

*Rhagonycha fulva* 11Jul27; 19Jul09; 19Jul10; 19Jul29; 23Aug08;

*Scaphinotus angusticollis* 20Sep27; 20Sep29; 20Oct01; 20Oct03; 20Oct07; 20Oct08;  
20Dec28; 21Mar22; 21Mar24; 22Nov25;

*Scaphinotus marginatus* 18Dec12;

*Silis* sp. 16Apr22;

Unidentified 11May21; 21Mar17; 21Mar26; 21Apr02; 23Apr22; 24Feb23;

#### CARABIDAE

*Amara* sp. 11May20; 15Aug28; 22May31;

*Carabus granulatus* 13Jun03; 15May31;

*Carabus nemoralis* 13Feb12; 23Apr18; 24Jan27; 24Feb23;

*Cicindela oregona* 10Apr23; 11Apr24; 12May01; 16May19; 18Apr25;

*Cicindela tranquebarica* 16May03;

*Elaphrus* sp. 11May21;

*Nebria brevicollis* 20Nov02; 20Nov09; 22Oct18;

*Notiophilus angusticollis* 20Dec06; 20Dec21;

*Omus dejeanii* 15May01; 17Jul27;

*Pterostichus algidus* 16Feb12;17May09;17Nov02; 19Sep12;  
*Pterostichus melanarius* 11May20;  
*Pterostichus* sp. 17May22; 20Oct23;  
*Scaphinotus angusticollis* 15Nov01; 18Oct08; 19Oct14;21Mar22; 21Mar24;  
 Unidentified 10Apr23; 11May21; 13Jun03; 21Mar30;

#### CERAMBYCIDAE

*Anoplodera pubera* 16Jul19;  
*Centrodera spurca* 16May31; 18Jul06; 19Jun24; 19Jun27; 21Jun26; 22Jul25; 23Jul20;  
*Etoforus obliterated* 23Jul23;  
*Evodinus vancouveri* 20May11;  
*Grammoptera molybdica* 20May17;  
*Grammoptera subargentata* 10Jul10; 11Jun08  
*Holopleura marginata*15May13;  
*Leptura obliterated* 10Aug18;15Jul21; 16Jul15; 16Jul21;17Aug20; 21Aug14;  
 Now called *Etoforus obliterated*  
*Lepturobosca chrysocoma* 10Jul09; 15Jun22; 16Jun09; 16Jun27; 16Sep20 17Jun20;  
 20Jun28; 20Jun29;20Jul14;  
*Lepturopsis dolorosa* 20Jul01;  
*Megasemum asperum* 20Aug14;  
*Monochamus mutator*17Jul31;  
*Necydalis laevicollis*19Jul18;  
*Necydalis* sp. 15Jun29;  
*Neoclytus conjunctus* 16May23;  
*Pachyta armata* 15June17;  
*Phymatodes* sp. 15Jun29;20Jun24;  
*Pidonia scripta* 15May27; 20Jun15;  
*Plectrura spinicauda* 14Apr07; 16Mar28;18Feb05;18Aug24; 20Mar17; 20May26;  
 20Oct26; 23Jan10;  
*Prionus californicus* 17Jul08;18Oct23; 22Aug05;  
*Prionus* sp. 10Aug14; 13Jun01;15Jul03;  
*Rhagium inquisitor*16May05;  
*Rosalia funebris* 16Aug28; 18Aug09; 19Jul24; 19Jul29;  
*Saperda calcarata* 13Jul07;  
*Strophiona laeta* 17Jul27;  
*Synaphaeta guexi* 20Mar13;  
*Toxoleptura vexatrix* 21Jun16;  
*Trichocnemis spiculatus* 17Aug02;18Aug16;  
*Xestoleptura crassicornis* 15Jun29; 15Jun30;15Jul25;  
*Xestoleptura crassipes*18Jun29; 18Jul18; 19Jul30; 20Jul17; 20Jul29; 23Jul29;  
*Xylotrechus longitarsus* 11Oct28; 18Jul13;  
*Xylotrechus nauticus* 10Jul31  
 Unidentified 11Jun13; 13Jun30; 13Jul03; 13Jul07; 15Jun22; 16May04;  
 LEPTURINAE  
 Unidentified15Jun08;

#### CHRYSOMELIDAE



*Altica* sp. 10Aug02; 19Apr29; 19Jul04; 19Nov11;  
*Bruchidius villosis* 16Jun09; 18Jun10; 19May27; 22Jun26;  
*Calligrapha californica* 14Jul20; 15May22; 21Jun04; 22May 11;  
*Chrysolina hyperici* 10Jun20; 16May24;  
*Donacia* sp. 14May13;  
*Plateumaris* sp. 15Nov22; 20May30;  
*Pyrrhalta viburni* 13Jun09; 14May19;  
*Syneta albida* 22May02;  
 Unidentified donaciine 16Jul19;  
 Unidentified 13May20; 14May01; 17Jun16; 19Sep12;

#### CIIDAE

*Cis* sp. 17Apr03;  
*Hadraule blaisdelli* 17Sep23;

#### CLERIDAE

*Enoclerus eximius* 15Apr18; 16May05; 17Jun19; 20Apr28; 20June18;

#### COCCINELLIDAE

*Adalia bipunctata* 10May17; 11Jun13; 16Apr16; 16Apr30; 16May25; 16Jun06; 16Sep26;  
 17Apr28; 20Feb15; 22Oct24; 23May02;  
*Anatis rathvoni* 16Mar25;  
*Anisosticta bitriangularis* 16May05;  
*Calvia quatuordecimguttata* 17May08; 20May11; 20May18; 20Dec10; 23May02;  
*Coccinella septempunctata* 10Jun30; 10Jul23; 15Sep28; 16Apr27; 16Jul03; 17Mar15;  
 18May11; 19Apr20; 19Jul09; 19Jul10; 19Jul18; 20May21;  
 20May22; 20Aug18; 20Aug31; 22Oct01; 22Nov13; 23May02;  
 23May13;  
*Coccinella trifasciata* 10Jul19; 16May23; 20Jun30;  
*Cycloneda polita* 18May14; 19May27; 20Apr30; 23May04; 23Jun24; 23Aug10;  
*Harmonia axyridis* 10Jun14; 10Jun22; 10Jun28; 10Jun30; 10Jul08; 14May08; 14Jun08;  
 15Oct11; 16Apr19; 16Apr24; 16Apr27; 16May08; 16May30;  
 16June24; 16Jul06; 16Sep26; 17Apr29; 17May07; 17Aug30;  
 18Aug03; 19Jun03; 19Aug07; 19Aug11; 21Apr15; 22Nov19;  
 23Jan04; 23May04; 23Jun07; 23Jul01; 23Sep05;  
*Hippodamia sinuata* 19Aug01;  
*Hippodamia tredecimpunctata* 11May25; 14May13; 20Jul19;  
*Hyperaspis lateralis* 2024Feb07;  
*Mulsantina picta* 22May20;  
*Myzia subvittata* 15Jul12; 15Jul22;  
*Psyllobora borealis* 22Mar 23; 22Aug31;  
*Psyllobora vigintimaculata* 15Aug14; 16Sep25; 16Oct01; 17Oct30; 19Oct24; 20Aug13;  
 22Aug31; 23May18; 23Jun23;  
 Unidentified 13May21; 15Jul08; 20Jun28  
 Coccinellid ova 16Apr26;  
 Coccinellid pupa 19Jul09; 22Jul09;

## CRYPTOPHAGIDAE

*Antherophagus ochraceus* 18May27;

## CURCULIONIDAE

*Anthonomus eugenii* 17Oct21;

*Ceutorhynchus obstrictus* 15May08;

*Cryptorhynchus lapathi* 16May01;

*Curculio* sp. 18Jun12;

*Hylurgops rugipennis*

*Larinus carlinae* 22Sep28;

*Larinus planus* 19May24;

*Lixus concavus* 19Apr29;

*Lixus rubellus* 22Sep26; 22Sep28; 22Oct03; 23May05;

*Mecinus janthinus* 10Jun28;

*Mecinus pyraister* 15May05;

*Otiorhynchus singularis* 10May26; 15Mar31; 16Apr12; 17May29; 18Apr11; 19May13;  
21May22; 22Oct07; 22Oct11; 22Oct20; 23Jun18;

*Otiorhynchus sulcatus* 10Sep25; 15Aug12; 18Aug26; 22Sep18;

*Rhyncolus brunneus* 15Mar16;

*Rhynocyllus conicus* 18Jul08;

*Romualdius scaber* 20Jun07; 22Oct20;

*Sciaphilus asperatus* 10Jun25

*Sciopithes obscurus* 20May30; 20Aug12; 21Mar02;

*Sitona hispidulus* 17Sep28; 20Sep25;

*Sitona* sp. 19Oct08;

*Sphenophorus* sp.

*Strophosoma melanogrammum* 20Nov02; 21Mar30; 22Apr 25;

*Trachyphloeus bifoveolatus* 15Feb17;

*Xyleborus* sp. 15Mar16;

Unidentified 13Aug27; 14May08; 21Jun02;

## DERMESTIDAE

*Anthrenus verbasci* 12Feb18; 13Jan31; 16Mar19; 17May 31; 21Feb19; 21Jun02;

22Apr16

## DYTISCIDAE

*Dytiscus* sp. 15Jul31; 19Nov06;

Unidentified 15May17;

## ELATERIDAE

*Agriotes lineatus* 11May22; 17May27;

*Alaus melanops* 16Jun09;

*Ampedus* sp. 19May21;

*Athous scissus* 15Jun30;

*Cardiophorus* sp. 16May23;

*Dalopius* sp. 22Mar30;  
*Megapenthes* sp. 15Aug12; 20Jul14; 20Aug14;  
*Selatosomus suckleyi* 15Apr22; 17May07; 19May16; 20 May01; 20May28;  
*Selatosomus festivus* 18May14;  
*Selatosomus* sp. 15Sep08;  
 Unidentified 10Aug02; 11Jun06; 16Apr13;  
 Unidentified Dendrometrinae – Prosternini

## EROTYLIDAE

*Cryptophilus integer* 15Jul03;  
*Triplax* sp. 18Oct01;

## EUCINETIDAE

*Nycteus infumatus* 15Mar16;  
 Unidentified 21Mar06;

## GEOTRUPIDAE

*Odonteus obesus* 17Aug02;

## HALIPLIDAE

*Peltodytes callosus* 18Aug23;

## HETERO CERIDAE

*Heterocerus* 19Jun21;  
 Unidentified 16April22;

## HISTERIDAE

*Hister militaris* 16Apr18;  
*Margarinotus purpurascens*  
 Unidentified 10Aug05

## LAMPYRIDAE

*Ellychnia hatchi* 11Mar03; 17May07;  
*Ellychnia* sp. 15May27; 15Jun07; 18May25;

## LATRIDIIDAE

*Cartodere bifasciata* 15Apr23;  
*Enicmus fictus* 15May24;  
*Melanophthalma* sp 15Mar17;

## LUCANIDAE

*Platycerus oregonensis* 15May13; 20May09;  
*Sinodendron rugosum* 17Jun02; 20May26; 20Jul08;

## LYCIDAE

*Dictyopterus simplicipes* 14Apr07; 20Apr25;

*Punicealis hamata* 18Apr1918Apr18;;

MELYRIDAE

*Endeodes collaris*15Apr15;

MELANDRYIDAE

*Prothalpia holmbergi*15Jun06;

MELYRIDAE

*Listrus* sp. 17Apr21;

MORDELLIDAE

*Mordella* sp. 23Jul29;

Unidentified 10Jul23

NITIDULIDAE

*Cryptarcha ampla* 15Jun30; 16April22;

*Epuraea* sp. 15May05;20Apr22;

*Glischrochilus quadrigatus* 15May24

*Glischrochilus siepmanni* 18Apr28;

*Pityophagus rufipennis* 20May09;

OEDEMERIDAE

*Ditylus quadricollis* 16Jun05;

*Xanthochroina bicolor* 18Aug07;

PTILIIDAE

*Ptenidium* sp. 15Jun06;

Unidentified sp. 15May13;

PTINIDAE

*Vrilletta decorata*.15Apr20;

RHYSODIDAE

*Clinidium calcaratum*19Mar26;

SCARABAEIDAE

*Dichelonyx* sp. 18Jun12; 19May16;

*Diplotaxis* sp. 18Aug27;

*Polyphylla crinita* 11Jul28; 13Jul01; 13Jul10;15Jun25;17Jan21; 17Jul05; 18Jul03;

18Jul06; 19Jun12; 19Jun27; 19Jul18; 20Jul18; 20Jul26; 21Jul11; 21Jul12;

22Jul25; 22Sep04; 23Sep06;

*Polyphylla* sp. 10Jul20;

*Serica* sp. 18Jun12;

Unidentified 16Dec01;

## SCIRTIDAE

*Herthania cincinna* 18Apr28;

## SCRAPTIIDAE

*Anaspis* sp. 19Jul12;

## SILPHIDAE

*Nicrophorus defodiens* 11Sep22;16Jun14; 19Apr21; 21Sep27;22Jun28;

*Nicrophorus investigator* 21Sep27;

*Nicrophorus* sp. 16Sep25; 20Jun06;

*Thanatophilus lapponicus* 16Nov14;

## STAPHYLINIDAE

*Anthobium* sp. 15Dec21;

*Creophilus maxillosus* 21Sep27;

*Diaulota fulviventris* 18Apr24;

*Liparocephalus* sp. 18Apr24;

*Megarthus pictus* 15Jun14;

*Ocypus olens* 20Dec21; 21Jan15;

*Pelecomalium* sp. 20Apr11;

*Philonthus cognatus* 21Mar31;

*Rugilis orbiculatus* 15Mar16;

*Sonoma* sp. 15May24;

*Staphylinus* sp. 22Oct07;

*Stenus* sp. 20Dec14;

*Thinopinus pictus* 19Sep12;

*Trigonurus sharpi* 19Mar26;

## TACHYPORINAE

Unid. 20Dec05;

Unidentified staphylinid 20Dec14;

## TENEBRIONIDAE

*Coniontis ovalis* 19May06;

*Eleodes* sp. 19Apr30;20Jun24;

*Helops laetus* 16May01;

*Helops peritens* 20Oct05;

*Helops* sp. 17Sep18;

*Isomira comstocki* 15Jul11;

*Uloma longula* 15Aug12; 19Jun21;

Unidentified 19Aug02;

## THORASCIDAE

*Aulonothroscus validus* 15May13;

## TROGOSITIDAE

*Nemozoma punctulatum* 20May09;

## ZOPHERIDAE

*Namunaria pacifica* 18Oct01;  
*Phellopsis porcata* 15Mar16; 17Jul27;

Unidentified beetle 13Jun11;

**Dermaptera**

## FORFICULIDAE

*Forficula auricularia* 13Nov01; 17May29; 20Jun03; 20June11; 20Oct10; 20Oct21;  
 20Nov23; 20Dec08; 22Sep14; 22Oct18; 23Jun26;

## ANISOLABIDIDAE

*Anisolabis maritima* 20Jun08;

**Diptera**

## ANTHOMYIIDAE

*Anthomyia procellaris* 15Apr29; 22Aug22;  
*Anthomyia* sp. 15Apr17; 16Aug03; 22Dec07;  
 Unidentified 15Oct04; 16May19;

## ASILIDAE

*Eudioctria sackeni* 16Jul26; 20Jun24; 20Jul13; 23Jul03  
*Laphria asturina* 16May06; 17Jun26; 17Jul04; 17Sep28;  
*Laphria fernaldi* 12Jun21; 17Aug06; 20Jun04; 20Jun27; 22Sep10;  
*Laphria ferox* 16Jul27;  
*Laphria ventralis* 15Aug03; 16Jul06;  
*Laphria* sp. 16Aug02;  
*Neomochtherus willistoni* 12Aug10; 17Aug03; 19Aug28; 20Aug15; 20Aug22; 22Sep10;  
 22Sep20;  
*Nicocles canadensis* 16Apr22; 17Apr 28;  
*Nicocles rufus* 15May12;  
*Nicocles* sp. 13May30;  
*Scleropogon bradleyi* 10Jul22; 19Aug05; 21Aug20;  
*Stenopogon inquinatus* 17Aug07;  
 Unidentified 10Jul20; 11Aug26; 11Sep11

## BIBIONIDAE

*Bibio xanthopus* 20Mar30;  
*Bibio* sp. 10Apr19; 14Apr07; 15Apr02; 20Apr30; 23Apr17; 24Mar29;

## BOMBYLIIDAE

*Anthrax* sp. 15Jul29;16Jun02; 16June29; 16Jul03; 21June27; 21Jul06; 22Jun26;  
 22Sep02;  
*Bombylius major* 15Apr15;16Apr15;16Apr29; 17Apr28; 18Apr21; 18May06; 19Apr29;  
 20Apr08; 20May14; 21Apr15;  
*Bombylius* sp. 17Apr25; 17Apr30;  
*Hemipenthes morio* 10Jul10;  
*Hemipenthes* sp. 23Jul25; 23Jul29; 23Sep07;  
*Systoechus oreas* 16Jul04;  
*Systoechus* sp. 10Jul20;  
*Villa* sp. 10Aug07; 10Aug27; 15Aug03; 16Aug01; 21Sep16; 23Jul14;  
 Unidentified 10Jun01; 10Jun22; 11Apr19; 14Apr03; 23Jul23;

#### CALLIPHORIDAE

*Calliphora vicina* 22Dec14;  
*Calliphora vomitoria* 12Oct05; 16May19;  
*Calliphora* sp. 11Mar26; 21Mar27;  
*Lucilia sericata* 18Aug06; 19Jul09; 19Jul10; 21Jul23; 22Sep20; 22Sep27; 22Oct01;  
 23May05; 23Aug10;  
*Lucilia* sp. 10Jul21; 11Jun01; 14Sep01; 15Sep04;16Apr28; 16May27;16Jun03; 16Jul25;  
 19Jul14; 19Jul28; 21Sep25;  
*Pollenia* sp. 11Mar20; 17Mar04;17Mar07; 21Mar09; 22Jul05;  
 Unidentified 12Oct02;

#### CECIDOMYIIDAE

*Blaesodiplosis* sp. 23Jun05;

#### CHAOBORIDAE

Unidentified 20Mar10;

#### CHIRONOMIDAE

Unidentified 13May01; 14Feb01; 16Nov30;17Mar27; 17May07; 18Apr10; 18Apr28;  
 19Nov11;20Feb23;20Apr23;20May17; 21Mar08; 21Mar28; 21Apr01;  
 21Apr05; 23Apr19; 23Mar27;

#### CHLOROPIDAE

*Thaumatomyia glabra* 23Jul01;

#### CLUSIIDAE

*Clusia occidentalis* 20Apr11;

#### COELOPIDAE

*Coelopa* sp. 11Mar20;  
 Unidentified 18Apr15; 19Mar17; 23Mar13;

#### CONOPIDAE

*Myopa* sp. 10Apr01; 10May30; 17Apr27;

*Physocephala burgessi* 19Jan12;19Jan25; 20Aug17;

#### CULICIDAE

Unidentified 16Apr01; 17Jun10; 20May25; 23Jun25;

#### DOLICHOPODIDAE

*Condylostylus* sp. 10Jun28

*Dolichopus* sp. 11Jun13; 18May27;

Unidentified 10Jul17; 10Jul21;15Jun08;

#### DRYOMIZIDAE

*Dryomyza anilis* 17Oct24;

*Oedoparena glauca* 16Mar21;

#### EMPIDIDAE

*Empis barbatoidea* 20Mar27;20Mar29; 21Mar27;

*Hybos* sp.?

Unidentified 14May08;

#### FANNIIDAE

*Fannia canicularis* 22Oct03;

#### HELEOMYZIDAE

Unid. sp. 24Apr03;

#### LAUXANIIDAE

Unidentified 16Jul11; 16Jul23;

#### MUSCIDAE

*Helina* sp. 14May08;15Oct25;

*Musca domestica* 19Dec06;

*Phaonia atriceps* 17Mar30;

*Phaonia pallida* 22Sep02;

*Phaonia rufiventris*15Apr16;

*Phaonia* sp. 17May13; 20May06

Muscine sp. 20Dec23;

Unidentified 21Jun02;

#### MYCETOPHILIDAE

Unidentified 18Jan21; 21Feb07;

#### OPOMYZIDAE

*Opomyza* sp. 22Sep28;

#### PALLOPTERIDAE

*Toxonevra muliebris*19Jul26; 22Sep02; 22Oct01;



Unidentified 23Jul15;

PELECORHYNCHIDAE

*Pseudoerinna jonesi* 10Aug08

PIOPHILIDAE

*Mycetaulus* sp. 22Sep28;

PSYCHODIDAE

*Clogmia albipunctata* 15Sept24;

Unidentified 12Sep19;

RHAGIONIDAE

*Chrysopilus* sp. 11Jun13; 15Jun29;

*Rhagio* sp. 11Jun13; 15Jun29; 17Aug07;18Aug07;

Unidentified 13Jun11;

SARCOPHAGIDAE

*Sarcophaga* sp. 15Apr28;17May 31;21Aug01; 21Sep27;

SCATHOPHAGIDAE

*Scathophaga stercoraria* 10Apr19; 11Mar26; 11May30; 12Apr09; 14May01;

SCIARIDAE

*Bradysia* sp. 18Apr07; 22Oct12;

Unidentified 22Dec10; 24Apr03;

SCIOMYZIDAE

*Sepeda americana* 17Apr10;

Unidentified 14May13; 16Sep21; 22Jul06; 23Jan14;

SEPSIDAE

Unidentified 11Jun06

STRATIOMYIDAE

*Chloromyia* sp. 12Oct21;

*Exaireta spinigera* 16Nov10;

*Sargus decorus* 16Oct04;

Unident. 16May30; 16Jun03;

SYRPHIDAE

*Brachypalpus* sp. 23Mar20;

*Cheilosia grossa* 20Apr17;

*Cheilosia* sp. 15Aug14; 20Sep29;

*Chrysotoxum* sp. 17May22;

*Criorrhina nigripes* 16Feb26; 20Aug14;

*Criorrhina* sp. 14May01;  
*Dasysyrphus intrudens*. 18Jul02; 21Sep22;  
*Eristalinus aeneus* 16Jun04;17Apr13; 19Jul25; 19Aug07; 23Aug24;  
*Eristalis arbustorum* 10Aug27; 20Aug18; 20 Sept 15; 20Sep28; 22Aug25;  
 22Sep23; 22Oct03;  
*Eristalis flavipes* 22Sep23;  
*Eristalis hirta* 20Jul16;  
*Eristalis horticola* 21May31;  
*Eristalis tenax* 10Mar12; 10May26; 11Jun01;15Sep23; 16May30; 16Jun03; 17Feb14;  
 17Jun10; 17Oct21; 20Mar10; 20Aug29; 21Feb06; 21Mar17; 21Mar19;  
 21Sep22; 21Sep25; 22Sep14; 22Sep23; 23Oct29;  
*Eristalis transversa* 20Aug29;  
*Eristalis* sp. 15Oct25; 17Jun04; 18Jun10; 20Feb18; 21May29; 21Jun16; 21Aug06;  
 21Oct30;  
*Eumerus* sp. 19Jul26;  
*Eupeodes americanus* 10Mar12;  
*Eupeodes fumipennis* 22Sep27;  
*Eupeodes volucris* 23Aug28;  
*Eupeodes* sp. 10Jun17; 10Jul08; 11Jun06;15Apr21; 19Apr29;  
*Fazia micrura* 19Jul26;  
*Helophilus fasciatus* 19Sep25;  
*Helophilus* sp. 10Aug27; 22Sep20; 22Sep23; 22Sep27;  
*Megasyrphus laxus* 10Aug03;  
*Melangyna lasiophthalma* 21Mar04;  
*Melanostoma mellinum* 17Jul24;  
*Meliscaeva cinctella* 17Sep20; 20Jul19; 20Aug22;  
*Merodon equestris* 10Jun17; 14May14; 16May27; 17May24; 17Jun02; 17Jun03;  
 19May15; 19May30;20Feb18; 21Mar04; 21Jun02; 23May26; 23Jun12;  
 23Jun13;  
*Myathropa florea* 16Jun30;20Aug29; 20Sep19; 22Sep20; 23Aug24; 23Aug25;  
*Orthonevra* sp. 10Jul10;  
*Polydontomyia curvipes* 17Sep20;  
*Scaeva pyrastris* 10May26;  
*Sericomyia chalcopyga* 15Jun05; 17Apr27;18Mar13; 20Aug04; 21Mar28;  
*Sericomyia chrysotoxoides* 10Sep25  
*Sphaerophoria* sp. 10Aug18; 10Aug31; 17Jun01; 19Jul26;  
*Syritta pipiens* 10Jul08; 16May30; 16Jul11;16Aug01; 19Jul18; 20Aug25; 20Aug28;  
 20Sep19; 22Jun12; 22Sep23;  
*Syrphus* sp. 16May23; 17Apr17; 20Sep24; 22Sep15; 22Sep20;  
*Toxomerus geminatus* 19Oct15; 20Jul19;  
*Toxomerus* sp. 10Jul10; 20 May01;  
*Volucella facialis* 23Jun23;  
*Xylota* sp. 10Jul19; 11Jun14  
 Unidentified 12Oct04; 12Oct16; 13Mar29; 13May14; 13Jun11; 13Jun30; 14Mar14;  
 14Apr03; 14Apr20; 14Apr24; 14May21; 15Apr29;15Sep28; 16Apr22; 16Jul15;  
 16Aug29; 17Apr25; 18May18;19Nov14; 22Jul09; 23Apr22; 24Mar20;

## TABANIDAE

*Chrysops proclivus* 20Jul13;  
*Chrysops* sp. 10Aug07;  
*Hybomitra* sp. 16May27; 19Jul23;  
*Tabanus punctifer* 19Aug05;  
 Unidentified 10Jul17; 16Jul01;

## TACHINIDAE

*Cylindromyia* sp. 10Aug31  
*Epalpus signifer* 15May24; 17Apr13; 17Apr18; 17May11; 18May01; 23May05;  
*Graphogaster* sp. 15Aug14;  
*Paradejeania rutilioides* 19Jul23;  
*Peleteria malleola* 19Jul08;  
*Phasia* sp. 10Aug15  
*Tachina* sp. 10Aug31; 22Sep21;  
*Uramya halisidotae* 18Jul23;  
 Unidentified 10May04; 12Sep26; 12Oct02; 13Mar29; 15Mar04; 15Apr29; 15May17;  
 16Jun09; 16Jul11; 18Apr06; 18Jun10; 19Sep19; 20Apr11; 20Jul14;  
 21Mar28;

## TEPHRITIDAE

*Rhagoletis basiola* 10Jul21; 15Jul21;  
*Rhagoletis berberis* 21Jul22; 23Jul01;  
 Unid. 22Sep05;

## THEREVIDAE

Unidentified 10Jul20

## TIPULIDAE

*Limonia nubeculosa* 17Oct29;  
*Phoroctenia vittata* 20May30; 22May08;  
*Tipula paludosa* 16Apr29; 20Apr28; 20Jul27; 20Sep15; 21Feb26; 21Mar26; 21Apr01;  
 21Apr15; 22Sep05; 23Apr22; 24Feb14;  
*Tipula pubera* 20June10; 22June05;  
*Tipula vittatipennis* 22Aug01;  
*Tipula* sp. 15Apr21; 15Jun01;  
*Tricyphona* sp. 22May15;  
 Unidentified limoniine 19Jul09;  
 Unidentified 11May22; 12Sep08; 13Oct06; 13Nov22; 14Apr20; 14May01; 15Apr05;  
 17Mar27; 17Jul24; 20Jul08; 20Jul12; 20Jul13; 20Jul30; 20Sep19;  
 20Sep29; 21Apr01; 21Apr05; 22Aug16; 22Aug27; 22Oct18;  
 22Oct23; 22Nov16; 22Nov19; 22Dec10; 23Dec04; 24Apr03;  
 24Apr09;

## TRICHOCERIDAE

Unidentified 17Mar20; 17Dec07; 20Oct17; 20Oct18; 20Oct21; 21Feb19; 21Feb28;

23Mar08; 23Mar11;

#### ULIDIIDAE

*Chaetopsis fulvifrons* 23May13; 23Sep02;

*Chaetopsis* sp. 10Jul21

Unidentified Dipteran 13Jun30; 20Jul05;

#### XYLOPHAGIDAE

Unidentified 23Sep15;

### Ephemeroptera

#### BAETIDAE

*Callibaetis ferrugineus* 17May19; 20May16; 22Sep13; 23May12;

*Callibaetis* sp. 14Apr20;

Unidentified 13Jun11; 22Aug21;

### Hemiptera

#### ADELGIDAE

*Adelges* sp. 21Oct03;

#### ALEYRODIDAE

Unidentified 15Sep26; 20Feb01;

#### ACANTHOSOMATIDAE

*Elasmotethus cruciatus* 20Nov11; 21Oct09; 22Sep29; 23Jun26;

*Elasmucha lateralis* 16Jul21;

#### APHIDIDAE

*Acyrtosiphon pisum* 20Jul05;

*Eriosoma* sp.

*Macrosiphum albifrons* 21May23;

*Prociphilus* sp.

*Uroleucon* sp. 20Oct07;

Unidentified 16Sep20; 20Apr22; 20May11; 20May16; 22Oct18;

#### APHROPHORIDAE

*Philaenus spumarius* 10Jul08; 10Jul19; 16Apr30; 16Jul15; 19Jul14; 19Oct07; 20June18;

20Jul05; 20Aug18; 20Aug22; 20Aug26; 21Aug14; 22Oct21; 23Jun26;

## BELOSTOMATIDAE

*Lethocerus americanus* 18Jul18;

## BERYTIDAE

*Neoneides muticus* 22Sep18;

Unidentified 16Sep21; 18May04; 20Apr30; 22Aug01;

## CICADELLIDAE

*Ceratogallia* sp. 20May06

*Colladonus montanus* 15May27;

*Edwardsiana rosae* 16Nov01;

*Fieberiella florii* 22Sep28;

*Graphocephala fennahi* 19Jul11; 19Sep02; 21Jul23; 21Oct09; 22Aug29; 23Aug16;

*Hordnia atropunctata* 16Apr13; 17May07; 19Sep02; 20May06; 22Aug29; 23Jun24;  
23Jul06; 23Sep15;

Unidentified 16Jun03; 21May11; 21Jun24;

## CICADIDAE

*Okanagana canadensis* 20Jul19;

*Okanagana* sp. 12July28; 15June17; 16May25; 22Jul06;

*Platypedia areolata* 11Jun28;

Unidentified 16Apr22;

## CIXIIDAE

Unidentified 15Apr15;

## COREIDAE

*Leptoglossus occidentalis* 10Mar12; 10Sep18; 12Oct05; 13Oct08; 14Sep27; 14Nov10;

15Feb09; 15Aug16; 15Oct11; 16Sep23; 16Sep28; 16Oct10;

16Oct11; 17Mar05; 17Aug31; 18Sep04; 18Oct11; 20Oct11;

20Oct14; 21Oct18; 22Sep19; 22Nov24; 23Jan14; 23May01;

23Aug15;

## ERIOSOMATIDAE

*Eriosoma lanigerum* 12Oct06;

## GERRIDAE

*Aquarius remigis* 18May27;

*Gerris* sp. 10Mar24; 18Jul25; 20Feb09;

Unidentified 21Apr29; 23Jul15;

## LYGAEIDAE

*Chilacis typhae* 20Jun06;

*Kleidocerys resedae* 21Apr01;

*Lygaeus kalmi*; 17May 31;

Unidentified 20May11; 20Jun28;

## MEMBRACIDAE

*Platycotis vittata* 15Jul14;16Oct03;18Jun11;

## MIRIDAE

*Lygus hesperus* 10Jul11;

*Lygus* sp. 15Jul06;

*Malacocoris chlorizans* 22Oct18; 23Aug10;

*Phytocoris tiliae* 22Aug23; 22Aug24;

*Phytocoris* sp.15Aug10; 22Aug30;

*Prepops bivittis* 10Aug07;

*Stenotus binotatus* 17Jul27;

Unidentified 13Jul01; 19Jul14;

## NABIDAE

*Himacerus major* 20Nov02;

*Nabis* sp. 22Sep21;

Unidentified 22Sep05; 22Nov27;

## NEPIDAE

*Ranatra fusca* 20Aug24;

*Ranatra* sp. 17Jul27;

Unidentified 11May22

## PENTATOMIDAE

*Brochymena affinis* 15Mar15;16Nov02; 18Jun24; 19Oct14;20Jan23; 22Nov29; 24Mar05;

*Brochymena* sp. 15 Mar15; 15May05; 16Feb02;16Mar21; 16Oct28; 18Jun06;18Dec03;

19Apr29; 19Jul02; 19Oct28; 20Aug29; 22Nov29; 23Aug08;

*Banasa dimiata* 10May26; 11Mar26; 14May01; 17Jun26; 19May10;20Jun16;21Jul29;

23Jun22;23Jun24; 23Aug16; 23Aug24; 23Sep05; 23Sep08; 23Sep15;

*Banasa* sp. 19Aug01;

*Chlorochroa ligata*19Oct14; 21Jul 22;

*Chlorochroa uhleri* 10May14; 18Sep15;

*Chlorochroa* sp 10Aug31; 10Sep04; 11Jun01; 16Sep21;17Aug25;19May25; 19Jul23;

19Oct26; 23May13; 23Jun28;

*Cosmopepla conspicillaris* 11Jun01;

*Cosmopepla intergressa* 15Jul24; 19May10; 23Aug08;

*Elasmotherus cruciatus* 10Jun25;16Dec01;

*Euschistus conspersus* 10Aug31; 11Jun08; 14May01; 23Aug16;

*Neottiglossa undata* 10Jul19;

*Thyanta pallidovirens*15Jun06;

*Zicrona caerulea*15Apr29;

Unidentified13Aug27; 14May01; 19Jun28; 19Jul04; 19Jul29; 19Aug01; 19Aug23;

20Sep12; 22Sep05; 23Sep15;

## REDUVIIDAE

*Zelus tetracantha* 16Jun27; 23Aug21;

#### RHOPALIDAE

*Stictopleurus punctiventris* 10Sept 04;

#### RHYPAROCHROMIDAE

*Raglius alboacuminatus* 20Oct02;

*Rhyparochromus vulgaris*

*Valtissus* sp. 23Aug28;

#### SCUTELLARIDAE

*Eurygaster amerinda* 10Sep04; 19Jul09; 19Jul10; 23Jun28;

*Eurygaster* sp. 16Apr24; 20Aug15;

#### TRINGIDAE

*Acalypta* sp.

#### TRIOZOIDAE

*Lauritrioza alacris* 23Dec08;

Unidentified hemipteran 19Jul17; 20Oct03;

### Hymenoptera

#### ANDRENIDAE

*Adrena perplexa* 19Apr29;

*Andrena (Trachandrena)* 20May29; 22Mar31;

*Andrena* sp. 10Apr01; 10Apr23; 10Jul16; 10Jul20; 11Mar26; 15Mar31; 17Apr04;  
17Apr10; 17Apr16; 17April19; 17April20; 17Apr24; 17May04; 17May08;  
19Apr30; 20Mar 22; 20Apr08; 20Apr25; 20May15; 20May18; 22May10;  
23May20; 23May26; 23Jun28;

#### APIDAE

*Anthophora* sp. 18Mar20;

*Apis mellifera* 10Mar12; 13Mar 09; 14Mar14; 16Apr30; 16May06; 16Jul26; 16Jul31;

16Sep21; 17Apr02; 17Apr30; 17Jun05; 17Sep01; 18Jul06; 18Sep13;

19Mar15; 19Oct28; 20Jun22; 20Aug20; 20Aug25; 20Aug27; 20Aug28;

20Aug31; 20Sep19; 20Sep26; 21Jun26; 22Feb22; 22May 4; 22May23;

22Jun23; 22Aug31; 22Sep08; 22Sep20; 22Sep27; 22Oct01; 23Mar06;

23Aug22;

*Bombus appositus* 19May10;

*Bombus bifarius* 20Jul05; 20Jul26;

*Bombus californicus* 21Jun02;

*Bombus caliginosus* 19Sep03; 20Jun15;

*Bombus centralis* 16May25;

*Bombus fervidus* 15Nov 5; 16Apr20; 17Sep02; 18May16; 18May30; 20Jun22; 22Jul31;

23Jul01;

*Bombus flavifrons* 18May16; 19Jul09; 19Jul11; 19Jul20; 19Jul21; 19Jul31; 20Mar31;

20Apr30; 20Jul09; 20Jul26; 20Aug14; 22Aug08; 22Sep19; 23Aug08;  
*Bombus melanopygus* 15Oct28; 17Mar26; 17Apr12; 17Jun02; 17Jun03; 17Jun10;  
 17Jun14; 17Aug04; 18May16; 18Aug06; 18Oct18; 19Feb27;  
 19May16; 19Jul08; 20Feb21; 20Jun15; 20Jun22; 20Jun27;  
 20Aug18; 21Mar08; 21Apr17; 21Jun02; 21Dec12; 22Mar26;  
 22Jun04; 22Jun14; 23Mar29; 23Jun03;  
*Bombus mixtus* 16Sep20; 17Jun03; 18May16; 20May15; 20Jun09; 20June23; 20Jul19;  
 23Jun24; 23Jun26; 24Feb25;  
*Bombus occidentalis* 18Jun08; 18Jul28; 19Jul08; 19Jul31; 20Jun15; 20Sep19;  
*Bombus sitkensis* 18May25; 19May16; 21Mar19; 22Jun14  
*Bombus ternarius* 11Mar26; 11Sep27; 13Mar10; 18May09;  
*Bombus vancouverensis* 21May30; 22Apr16; 22Apr26; 22May11; 23Apr01; 23Aug08;  
 23Aug27;  
*Bombus vosnesenskii* 13Oct07; 14Apr24; 14Apr28; 15Jun03; 16Mar12; 16Jul07;  
 16Sep20; 17Apr20; 17Jun10; 17Aug30; 18Apr18; 18May18; 18Jun08; 19Jul09; 19Jul28;  
 19Sep02; 19Oct26; 20Mar10; 20Apr17; 20Jun22; 20Jul20; 20Aug04; 20Aug05;  
 20Sep19; 20Oct03; 20Dec23; 21Mar08; 21May29; 21Jun30; 21Jul29;  
 22Apr26; 22Aug06; 23May26; 23Jul01; 23Jul31; 23Aug08; 23Aug22;  
*Bombus* sp. 11Sep27; 15Aug12; 16Apr08; 16May21; 17May23; 17Jul27; 18Jun15;  
 18Jul25; 20Jul08; 20Aug20; 20Aug25; 20Oct03;  
*Ceratina* sp. 16May01; 16Jul31; 17Jun05; 17Aug17; 20Jul08; 20Sep19; 22Mar28;  
 23May26;  
*Eucera* sp. 14May13;  
*Habropoda* sp. 10Apr16;  
*Melissodes microsticta* 16Jun30; 16Jul08; 19Jul25;  
*Melissodes* sp. 16Jun05; 16June28; 16Sep06; 20Aug19;  
*Nomada* sp. 10Apr19; 16Apr08; 17May01; 17May26; 17Jun12; 18Apr22; 20Apr19;  
 20Apr20; 20 May01;  
 Unidentified 10Mar22; 15Jun22; 15Aug08; 15Aug16; 15Aug28; 15Sep06; 16May11;  
 16May 12;  
 NOMADINAE Unidentified 17Apr27; 17Jul03;

#### BRACONIDAE

*Atanycolus* sp. 16April22;  
 Unidentified 13May14; 24Feb02;

#### CHRYSIDIDAE

*Chrysis* sp. 17Jul27; 19Aug02;  
*Holopyga* sp. 20Jul04;  
 Unidentified 10Jul16; 15Sep29;

#### CIMBICIDAE

*Abia americana* 20Jun27;  
*Abia* sp. 20 May01;  
*Cimbex americana* 15May25; 15Aug10; 18Jul27; 20May30; 21June27; 23Jun08;  
*Trichiosoma triangulum* 12Jul08; 15Jul28; 16Apr08; 16Jun18; 17Jun26; 17Jul27;



19Jun12; 20Jun27; 20Jul24; 21Mar06; 21Jul15;  
*Zaraea* sp 10May14  
 Unidentified 17Apr01;

#### COLLETIDAE

*Colletes* sp. 19Jul22;  
*Hylaeus* sp. 19Aug01;

#### CRABRONIDAE

*Bembix americana* 10Jul12; 11Sep27; 16Jul07; 16Aug08; 17Aug07; 18Jul02; 18Jul25;  
 19Jul20; 23Jun05; 23Jul03; 23Jul22; 23Jul23;  
*Bembix* sp. 15Aug13; 17Jul27; 21Aug03;  
*Crabro latipes* 10Aug04  
*Ectemnius* sp. 10Sep25;  
*Philanthus crabroniformis* 16Jul04; 20Aug19; 22Aug23;  
 Unidentified 17Jul27;

#### CYNIPIDAE

*Cynips mirabilis* 19Jul14;  
*Diplolepis polita* 23Jul03; 23Jul19;  
*Diplolepis rosae* 22Sep29;  
*Neuroterus saltatorius* 12Oct23;

#### EULOPHIAE

Unidentified 19Oct15;

#### FORMICIDAE

*Camponotus* sp. 15Apr21; 17Apr27; 17May24; 20Aug04;  
*Camponotus modoc* 20Apr19; 22Aug27; 23Aug24;  
*Camponotus muticus* 22Sep18;  
*Formica oreas* 20Sep28;  
*Formica* sp. 15Sep17; 16Sep20; 17Apr12; 17Apr27; 17May29; 21Apr06; 22Aug27;  
*Tapinoma sessile* 19Aug05;  
 Unidentified 12Sep08; 13May26; 15Aug12; 16Apr13; 16May10; 16Sep22; 16Sep23;

#### HALICTIDAE

*Agapostemon texanus* 16Aug08; 16Aug28;  
*Agapostemon virescens* 23Aug28;  
*Agapostemon* sp. 11Sep27; 17Jun03; 17Jun09; 18May17; 18Jul20; 20Sep22; 23May26;  
*Halictus confusus* 19Oct25; 22Jun19;  
*Halictus rubicundus* 16Jul15; 16Jul28; 16Jul31; 19Jul23; 19Jul28; 23Aug22;  
*Halictus* sp. 23Aug15;  
*Lasioglossum zonulum* 10Aug18  
*Lasioglossum* sp. 10Apr19; 11Mar26; 16Jul11; 16Jul17; 17Jun04; 17Sep01; 17Sep02;  
 20Jun09; 20Jun22; 20Jul19;

Unidentified 16Sep21; 20Sep14; 20Sep22;

#### ICHNEUMONIDAE

*Aritranus* sp. 23Jun23;

*Gelis* sp. 22Sep05;

*Limonethe maurator* 19Sep27;

*Ophion/Netelia*. 10Aug17; 15Mar08; 15Mar22; 15Jun19; 18Mar23; 20May23;

*Opheltes* sp. 15May21;

*Pimpla rufipes* 18Sep03;

*Pimpla sanguinipes* 23Aug28;

*Pimpla* sp. 17Aug07; 17Sep03;

*Polyaulon canadensis* 21Mar19;

*Rhyssa* sp. 15Jul06;

*Therion* sp. 21May30;

Unidentified 10Mar22; 10Aug06; 10Aug08; 10Aug15; 11Mar20; 11Jun14; 12Sep17;

13Apr23; 15Aug14; 16Sep21; 16Nov02; 17May08; 17Oct01; 19Jul28;

19Aug01; 19Aug11; 20 May01; 20Jul05; 21Feb07; 22Aug27;

ANOMALONINAE Unidentified 17Apr27;

CAMPOPLEGINAE Unidentified 20Aug04;

#### LEUCOSPIDAE

*Leucospis affinis* 20Aug26; 22Aug23;

#### MEGACHILIDAE

*Anthidium manicatum* 16Jul27; 18Jul05; 19Jul20;

*Coelioxys* sp. 10Sep04; 16Jul12; 17Jun03; 17Jul27;

*Dianthidium* sp. 16Jun30; 20Aug21;

*Megachile fidelis* 16Sep06;

*Megachile melanophaea* 16Jul27;

*Megachile perihirta* 15Jul28; 16Jul13; 16Jul20; 20Sep19; 22Aug31; 22Sep20;

*Megachile* sp. 10Oct01; 11Jul19; 13Jun08; 14Sep01; 16Jul10; 16Jul28; 19Jul17; 20Jul18;

21Aug02; 23Aug11; 23Aug22; 23Aug26; 23Aug28; 23Sep07;

*Osmia lignaria* 10Jul08; 16Jul15; 17Apr04; 17April20; 19May01; 20Apr25; 20Apr30;

*Osmia* sp. 16Apr29; 16Jul25;

Unidentified 10Jul23; 15Sep04; 17Oct14; 23Jul23;

#### MUTILLIDAE

*Dasymutilla* sp. 16Jul07;

#### POMPILIDAE

*Aporus luxus* 19Jul17;

Unidentified 10Aug23; 16Sep21; 19Aug01; 20May14;

#### SIRICIDAE

*Urocerus albicornis* 16Jul06;

*Urocerus californicus* 18Sep16

*Urocerus flavicornis* 22Sep24;

#### SPHECIDAE

*Ammophila* sp. 17Aug07; 20Aug26; 21June27;

*Podalonia* sp. 10Apr23; 11Apr24;

*Prionyx canadensis* 16May30; 17Jul27; 18Jul08; 22Aug23;

*Prionyx* sp. 11Sep27; 19Aug01;

*Sceliphron caementarium* 10Jul17; 11Jul19; 12Mar14; 16May19; 16Jul17; 19Sep07

Unidentified 13Mar05;

#### TENTHREDINIDAE

*Dolerus* sp. 16Apr22;

*Eriocampa ovata* 10Jun25

*Eriocampoides limacina* 12Sep29; 15Oct09; 18Jul14;

*Hemichroa crocea* 15Oct11; 17Aug28;

*Nematus ribesii* 13May21; 21May23;

*Pontania* sp. 20Jun03;

*Pristiphora geniculata* 18Jun28;

*Rhogogaster* sp. 20Apr29;

Unidentified 11May22; 13May26; 16Apr13; 16Apr22; 20 May01;

#### TORYMIDAE

*Megastigmus spermotrophus* 15Apr27;

#### VESPIDAE

*Ancistrocerus albophaleratus* 16Sep05;

*Ancistrocerus antilope* 10Jul08;

*Ancistrocerus* sp. 23Aug28;

*Ancistrocerus* sp. 16May05;

*Dolichovespula arenaria* 16Oct25; 20Jun21; 23Aug28;

*Dolichovespula maculata* 10Jul16; 13Jun30; 15Aug02; 16Jul24; 19Jun25; 19Jul30;  
21Aug02; 21Sep08; 22Aug13; 22Aug31; 23Jul25; 23Aug23; 23Aug26;

*Eumenes* sp. 19Aug01; 20Sep23;

*Euodynerus* sp. 22Aug23;

*Polistes aurifer* 20Jul17; 23Jul29;

*Polistes dominula* 10Apr16; 10Jul17; 10Jul20; 14 Jul26; 15Jun01; 15Jun22; 15Aug02;  
15Aug03; 15Sep17; 16May16; 17May31; 17Jul24; 17Nov23; 19Mar28;  
19Jul17; 19Jul29; 19Aug01; 20Jul06; 20Jul06; 20Jul19; 20Aug31;  
20Sep22; 20Nov14; 21Jul25; 21Jul28; 22May02; 22Aug31; 22Oct01;  
23Jun03; 23Jul01; 23Aug19; 23Aug23; 23Aug26; 23Aug27; 23Aug29;  
24Mar11; 24Mar27;

*Vespula acadica* 21Apr01;

*Vespula alascensis* 11Sep27; 16Aug02;

*Vespula germanica* 17Apr17; 20Aug28;

*Vespula maculata* 15May25;

*Vespula pensylvanica* 10Apr16; 17Aug30; 19Aug01; 19Aug08; 19Aug11; 20Aug28;

*Vespula vulgaris* 20Jun30; 20Aug25; 20Aug26; 20Aug27;  
*Vespula* sp. 10Jul20; 11Jul14; 15Jul28; 16Sep21; 16Sep22; 19Aug05;  
 Unidentified eumenine 10 Jun17; 10Sep04;  
 Unidentified hymenopteran 12Oct17; 15June17; 15Jul29; 16Mar06; 19Jul15; 19Jul26;  
 Unidentified wasp 16Apr17;

## Lepidoptera

### ADELIDAE

*Adela septentrionella* 15Apr15; 15May22; 16Apr20; 16May10; 17Jun04; 18Jun07;  
 18Jun23; 19May23; 20May19; 20May27; 20May28; 20Jun01; 20Jun04;  
 21Jun02;  
*Adela trigrapha* 18Apr25; 19May06; 20Apr28; 20Apr30; 20May06; 20May17; 22May09;

### ALUCITIDAE

*Alucita montana*; 13Aug30; 13Sep02; 14May05; 16Feb17; 16Jul23; 16Sep25; 17Feb20;  
 17Feb24; 17Aug27; 18Apr25; 18Aug19; 19Jun15; 20Jan24; 20Jul27;  
 21Mar06; 21Jul31; 22Sep07; 22Oct01; 22Dec06; 23Mar24; 23Apr06;  
 23Aug16;

### AUTOSTICHIDAE

*Oegoconia novimundi* 17Mar01;

### CHOREUTIDAE

*Choreutis diana* 10Oct 01; 20Aug15;  
*Choreutis pariana* 10Oct01; 14Sep18; 14Sep31;  
*Tebenna onustana* 20May31;

### COLEOPHORIDAE

Unidentified 18Jun25;

### COSMOPTERYGIDAE

*Sorhagenia nimbosea* 14Jul22;

### CRAMBIDAE

*Anania hortulata* 15May15; 17Jul03; 18Jun29; 22Jul21; 23Jul14; 23Aug12;  
*Agriphila attenuata* 19Sep12;  
*Agriphila straminella* 20Sep10; 20Sep27;  
*Agriphila* sp. 19Sep12;  
*Catoptria latiradiella* 20Aug08;  
*Chrysoteuchia topiaria* 10Aug23; 12Jun25; 12Jul05;  
*Crambus* sp. 12Sep17;  
*Elophila icciusalis* 21Aug20; 22Aug22;  
*Eudonia commortalis* 19Jul11; 19Jul14; 20Jun13; 20Jun21; 20Jul07; 20Jul08; 20Jul15;  
 23Jul19;  
*Eudonia echo* 18Aug21;

*Eudonia* sp. 15Sep08; 18Jun14; 20Jul12;  
*Evergestis funalis* 19Aug05; 19Aug06; 20Jul03; 20Jul30; 20Aug19; 20Aug26;  
*Evergestis pallidata* 20Aug15;  
*Herpetogramma thestealis* 10Jun23; 11Jul23; 12Jul19; 15Jun29; 18Jul05; 19Jun04;  
 19Jun10; 19Jul25; 19Aug03; 20Aug02; 21May28;  
 [Some of the photos of this may be labeled *H. pertextalis*]  
*Loxostege cereralis* 16Aug29; 17Sep12;  
*Loxostege munroalis* 23Aug12;  
*Nomophila nearctica* 13Sep28; 15Sep08;  
*Pyrausta californicalis* 15Jul11; 18Jul02; 18Jul06; 18Jul07; 18Jul22; 19May02; 19Jul29;  
 20Apr27; 20Jul19; 20Jul29; 21Aug23; 21Sep13; 23May25; 23Aug09;  
*Pyrausta perrubralis* 16Jul07; 18Aug04; 19Jul10; 19Jul21; 19Aug06; 20Jul03; 20Jul04;  
 20Jul11; 20Jul13; 20Jul22; 20Aug19; 23Aug16;  
*Scoparia* sp. 18Jun14; 22Jul25;  
*Udea profundalis* 10Aug15; 12Sep07; 13June09; 13Aug30; 14May19; 15Jun19;  
 15Aug29; 16Apr17; 16May16; 16Sep08; 18Aug23; 19May16; 19May31; 19Sep11;  
 19Sep17; 19Oct05; 19Oct24; 20May18; 20May25; 20Jun17; 20Aug21; 20Sep14;  
 20Oct01; 21May09; 21Aug14; 21Sep01; 22Aug22; 22Aug28; 22Sep07; 22Sep15;  
 22Sep20; 22Sep23; 22Sep27; 22Oct05; 23Jun20; 23Aug27; 23Sep15; 23Sep21; 23Oct03;  
 23Oct15; 23Oct 16;  
*Udea turmalis* 19Jul03; 19Jul05;  
 Unidentified 16Sep05;  
 Unidentified scopariine 21Jul16; 22Aug28;

#### DEPRESSARIIDAE

*Agonopterix alstroemeriana* 11Apr05; 11Jun15; 11Jul01; 20Apr11;  
*Asgonopterix argllacea* 23Mar30;  
*Agonopterix fusciterminella* 16Apr13;  
*Agonopterix nervosa* 13Nov13; 13Nov22;  
*Agonopterix oregonensis* 17Apr23;  
*Agonopterix* sp. 18Apr03;  
*Carcina quercana* 11Jul11; 12May15; 18Feb21; 20Aug01; 23Aug08;  
*Depressaria pastinacella* 13June09;  
*Semioscopus* sp. 16Mar25;

#### DREPANIDAE

*Ceranemota fasciata* 13Oct06; 14Jun04; 15Oct11; 15Oct12; 16Sep22; 17Oct10; 19Oct07;  
*Drepana arcuata* 14Aug29; 15Jul11; 18Jun14; 18Jul12; 18Aug21; 19May19; 20June11;  
 20Jun13; 20Jul09; 20Jul15;  
*Drepana bilineata* 19Oct10;  
*Drepana* sp. 16Oct24;  
*Euthyatira pudens* 11Jun21; 12Apr 10; 12Jun25; 13Mar29; 13Jun17; 14Mar28; 14May05;  
 18Jun13; 23May14;  
*Habrosyne scripta* 11Sep17; 14Aug12; 16Sep25; 19Jul12; 19Aug26; 19Sep12; 20Apr11;  
 20Aug14; 22Jul25; 22Aug21;  
*Pseudothyatira cymatophoroides* 16Oct18; 18Jul09; 19Jul08; 22Jun30; 23Jul10;

## EREBIDAE

## ARCTIINAE

*Apantesis nevadensis* 18Aug21; 20Aug13; 20Aug31;

*Arctia caja* 18Jun13; 18Jun14; 18Jul17; 18Aug04; 20Jul22; 22May30; 22Jul08;

*Ciseps flavicollis* 14Sep18; 19Aug05;

*Clemensia umbrata*

[Early photographs of this moth on this site may be labelled *C. albata*, a species that has more recently been spilt into *albata* (eastern) and *umbrata* (western).]

17Jul24; 18Jul17; 18Aug05; 19Jul01; 19Jul11; 19Jul22; 19Aug01; 20Jul12; 21Jul07;  
21Jul12; 23Jul23;

*Grammia complicata* 12Jun15;

*Hyphantria cunea* 16Sep08; 16Sep11; 17Jun07; 18May25; 18Aug06; 18Aug24; 19Sep12;  
21Aug20; 21Aug29; 21Sept06; 22June 20; 22Jul05; 23Aug15;

*Leptarctia californiae* 16May24; 22May02;

*Lophocampa argentata* 10Apr19; 10Apr27; 10Aug08; 11Aug02; 12Jul03; 12Sep03;

13Apr02; 13Jun29; 13Jul30; 13Oct07; 14May01; 15Apr07; 15Apr09; 15Jun24; 16Jul21;  
17Mar24; 17May07; 17May16; 17May20; 17Jun26; 17June29;  
18Feb26; 18Apr22; 18May10; 18May14; 18May28; 18Jun03; 18Jun04;  
18Jun23; 18Jul09; 18Aug04; 18Aug17; 18Sep16; 19Feb22;  
19May25; 19May26; 19Jun24; 19Jun29; 19Jul18; 19Jul25;  
19Jul29; 19Aug07; 19Aug23; 20May17; 20Aug08; 20Aug10;  
21Jul19; 21Jul26; 21Aug02; 22May16; 22May22; 22Jun17;  
22Jul14; 22Jul20; 22Aug01; 23May14; 23May30; 23Jun17;  
23Aug10;

*Lophocampa maculata* 11Oct17; 12May12; 12Aug23; 12Sep26; 12Oct09; 13May28;

13Jun24; 13Aug27; 13Sep06; 13Sep07; 14Jun01; 14Aug06; 14Aug25; 14Sep01;

14Sep05; 15May07; 15Jun09; 15Aug15; 15Aug16; 15Aug21; 15Sep02; 15Sep06;

16May08; 16Aug01; 16Aug28; 16Sep11; 16Sep28; 17Sep01;

17Sep04; 17Sep07; 17Sep16; 17Sep27; 18May19; 18May19; 18May30;

18Jun14; 18Aug28; 18Sep20; 19May08; 19May22; 19Jun27; 19Jul05;

19Aug21; 19Sep18; 19Oct01; 20Jun13; 20Jun16; 20Sep03; 21May14;

21June27; 21Jul05; 22May31; 22Aug06; 22Sep19; 22Oct01; 23May23;

23Jun21; 23Jun23; 23Jul06; 23Aug22; 23Sep04;

*Lophocampa roseata* 11Nov12; 12Oct12; 14Oct22; 15Jul22; 15Sep10; 16May01;

17Oct04; 22Oct19; 23Jul24;

*Neoarctia brucei* 14Sep07; 14Sep13;

*Palthis angulalis* 19Jul12;

*Pyrrharctia isabella* 10May25; 10Nov13; 11Oct19; 12Feb04; 12May25; 12Oct10;

12Oct16; 12Oct20; 12Oct24; 13Oct11; 14Feb01; 14Sep27; 14Oct15;

15Oct03; 17Oct21; 18Oct11; 19Sep20; 21Oct07; 22Oct09;

22Nov15; 23Oct25; 24Mar11;

*Spilosoma virginica* 10Sep17; 10Sep30; 11Apr05; 11May30; 12Aug02; 12Aug20;

12Oct20; 13Apr28; 13 May 10; 14Jun30; 14Aug25; 14Aug29;

14Sep01; 14Sep05; 14Sep10; 15May23; 15Aug02; 15Aug15;

15Aug26; 15Sep04; 15Sep10; 15Oct05; 15Oct17; 16May08;

16Sep14; 16Sep28; 17Aug28; 18May21; 18Jul09; 18Aug04;

18Sep28;19May15; 19Jul13; 20Aug31; 20Sep03; 20Sep09;  
 20Sep15; 21Jun01; 21Jun02; 21Sept06; 21Sep25; 21Oct07;  
 22May27; 22Jul05; 22Jul21; 22Aug02; 22Aug05; 22Sep07;  
 22Sep08; 22Sep15; 22Sep20; 22Sep21; 22Sep24; 23May16;  
 23May25; 23Jun23; 23Aug27; 23Sep02; 23Sep04;

*Tyria jacobaeae* 10Jul30; 12Jun17; 12Jun18; 13Jul24; 14May23; 15May30; 15Jun23;  
 15Jul26; 16May23; 17May23; 18May23; 18May23; 18Jun08; 20Apr22;  
 20 May01; 20May07; 20May24; 20May27; 20Jul09; 20Jul14; 20Jul19;  
 21May26; 22Jun03; 22Jun08; 22Jun10; 23May22;23Jun02; 23Jun23;

Unknown woolly bear 17Aug18; 17Aug20; 17Aug24;18Jul03;

#### EREBINAE

*Ascalapha odorata* 18Sep10; 18Sep13; 21Sep20;

*Catocala aholibah* 12Sep12; 13Mar20; 13May21; 13May28; 13Jun27; 13Oct07;  
 16May06;16Sep06; 17May24; 17May25; 18May18; 18May25;  
 19May04; 19Jul05;19Jul06; 19Jul12; 19Jul23; 19Aug08; 19Aug25;  
 20May07;20May09; 20Jul06; 20Aug28; 21Aug03; 21Sep24;  
 22Aug27; 22Sep02;

*Catocala allusa* 14Aug22;

*Catocala briseis* 16Jul04;

*Catocala relictata* 12Sept24; 19Aug01; 21Aug03; 21Aug11;

*Catocala unijuga*15Aug16;

*Catocala* sp. 10Jul20; 14Sep18; 17Sep13;18Jul19; 18Sep13;

*Caenurgina erechtea/crassiuscula* 13Jul25; 19Sep12;

*Cissusa indiscreta* 14May01;18Apr09; 18Apr12; 18Apr25; 19Apr22; 20Apr12; 20Apr15;  
 21Apr28;

*Drasteria divergens*. 16Jun01; 16Jun05;

*Euclidia arditata* 14Jun08;15May17; 16May08;

*Zale duplicata*19May10;19Jul03;

*Zale lunata* 14Sep23; 17Aug28; 17Aug30; 17Sep02; 17Sep07; 17Sep11; 17Sep28;  
 18Jul22; 18Aug08;18Aug31;19Apr04; 23Aug04;

*Zale minerea* 19May10;

#### HERMINIINAE

*Idia americalis* 15Jun09;19Sep08;

#### HYPENINAE

*Hypena bijugalis* 23Sep12;

*Hypena californica* 11Apr05; 11Jun08; 14Mar08; 14Apr03; 15Mar14;15Feb18;  
 16Apr14; 16Apr29;16May16; 18Jan18; 19Jan24; 19Sep24;20Nov28;  
 21Jan08; 21Apr20; 21May22; 21May24; 21Jun19; 21Jun30;  
 22Feb16; 22Mar08; 22May15; 22Aug12; 22Sep05; 22Oct01;  
 22Oct06; 23Jan01; 23Feb05; 23Apr06; 23Apr16; 23May18;23Jun01;  
 24Feb21;

*Hypena decorata* 11May03; 12Apr23; 14Mar28; 14Apr07;15Mar01;16Apr07; 20Mar19;  
 19Apr09; 21Apr15; 23Apr26; 23May13;

*Hypena humuli*15May12; 22May15; 22Jul20; 22Aug04;

*Hypena* sp. 11May23; 12Aug25; 14Aug19; 14Sep10; 21May09; 21May14; 22Jan13;

#### LYMANTRIINAE

*Dasychira grisefacta* 18Jul16; 18Aug21; 19Jun30; 19Jul25; 20Aug08; 20Aug17;

*Leucoma salicis* 10May28; 10Jun15; 10Jun30; 12Jun17; 12Jun29; 13May27; 13Jun18;  
17May31; 17Jun01; 17Jun19; 18Jun03; 18Jun07; 19May15; 19Jun07;  
19Jun11; 19Jun12; 19Jul10; 19Jul12; 19Jul13; 20Jun19; 20Jul22; 21Jun12;  
21Jun19; 21Jun20; 21June27; 22Jul04; 22Jul05; 23Jun13; 23Jun21;  
23Jul19;

*Orgyia antiqua* 12Aug19; 13Jul31; 15Mar08; 15Jul29; 16Sep22; 17Feb24; 17Jun09;  
17Aug03; 17Aug18; 18Aug09; 18Aug22; 19Aug25; 19Sep07; 19Sep08;  
19Sep16; 19Oct11; 20Jul07; 20Aug11; 20Aug12; 20Aug19; 21Jul19;  
21Jul27; 21Sep03; 22Jul05; 22Jul15; 22Aug02; 23Jun15; 23Jun25;  
23Jul02; 23Jul20;

(*Orgyia cana*) 20Aug19;

*Orgyia pseudotsugata* 17Sep21; 19Jul21; 19Aug01; 19Aug07; 19Aug21; 19Sep02;  
20Aug07; 20Aug19;

#### SCOLIOPTERYGINAE

*Scoliopteryx libatrix* 13Jun22; 13Jul13; 14Jun01; 15Mar21; 16Jun19; 16Jul09; 17Apr17;  
19May27; 19Aug06; 21Jun21; 21Jul08; 23Jul31;

#### ERIOCRANIIDAE

*Eriocrania semipurpurella* 20 May01;

#### GELECHIIDAE

*Athrips rancidella* 12June17; 21Jun09;

*Chionodes mediofuscella* 17Apr03; 20May26;

*Chionodes trichostola* 13Aug27;

*Chionodes* sp. 12Dec03; 13Jan06;

*Gelechia panella* 15Sep08;

*Telphusa sedulitella* 14Mar06; 18Apr09;

#### GEOMETRIDAE

*Anavitrinella pampinaria* 18May19; 20Jun09;

*Antepirrhoe semiatrata* 22Sep25;

*Anticlea vasiliata* 14Mar28; 15Mar19; 15Apr22; 19April09; 19Apr22; 19May02;  
20Mar30; 20Apr10;

*Archiearis infans* 12Apr11; 13Apr16; 14Apr15; 15Mar08; 19Mar28; 21Apr03;

*Biston betularia* 11Oct13; 12Sep18; 15Oct01; 16Oct24; 17Sep11; 17Sep22; 18May05;  
18May19; 18Aug20; 19Jun30; 19Jul03; 19Aug07; 20Aug30; 20Sep12;  
20Sep19; 21Jan02;

*Cabera erythemaria* 18May23; 19Jul03; 19Jul11; 20Aug08;

*Campaea perlata* 10Jul30; 13May27; 14May01; 14May29; 14Aug06; 16May15; 17Jul30;  
18Aug01; 19Jun27; 19Jul07; 19Jul11; 19Jul22; 19Jul26; 19Aug01;



19Aug11; 20Jul21; 20Jul27; 22Jul13; 22Jul25; 22Aug05; 22Aug18;  
 23Jul26; 23Aug16; 23Aug24;  
*Caripeta aequiliaria* 14Aug03; 15Jul26; 17Jul30; 19Jul25; 21Sep03; 23Jul24;  
*Caripeta divisata* 18Jul16; 20Jul26; 20Jul27; 20Aug02; 20Aug16; 22Aug05;  
*Ceratodalia guenata* 20Aug08;  
*Chlorosea banksaria* 11Aug02; 12Jul15; 19Jul13;  
*Cladara limitaria* 15Apr24; 17Apr01; 17Apr26; 17May08; 18Apr12; 19April09; 19Apr29;  
 19May01; 19May09; 19May22; 20Apr12; 20Apr13; 20Apr16; 20Apr17;  
 20Apr18; 20May10;  
*Coryphista meadii* 13Aug27; 14Mar01; 14Apr03; 15Mar31; 15Apr26; 15May02;  
 15Aug23; 16Feb05; 16Apr12; 16Apr18; 16April21; 16May06; 16May07;  
 16May19; 16Nov30; 17Jul23; 17Oct03; 18Jul16; 18Aug05; 18Aug24;  
 18Sep13; 18Sep15; 19May10; 19Jul05; 19Jul13; 19Jul22; 19Jul26;  
 19Aug01; 20May15; 20Jul30; 20Jul31; 20Aug08; 20Aug11; 21Apr28;  
 21June28; 21Aug04; 21Sep16; 22May26; 22May29; 22Jun08; 22Jun23;  
 22Jun27; 22Jun29; 23Jul02; 23Aug19; 23Sep19;  
*Costaconvexa centrostrigaria* 18Sep10  
*Cyclophora dataria* 14Apr20; 16Apr07; 16Sep19; 17May07; 17May15; 17Jul08; 17Jul11;  
 18May24; 19May27; 22May31; 22Aug24; 23Aug05  
*Cyclophora pendulinaria* 13May12; 20Jul24;  
*Digrammia muscariata* 16May04; 16Jun11; 18Jul17; 23May04; 23May18; 23May18;  
*Drepanulatrix foeminaria* 23Jun24;  
*Drepanulatrix monicaria* 14Oct10; 15Mar16; 15Jul05; 17Oct06; 17Oct15; 17Oct29;  
 18Aug14; 18Sep10; 18Oct20; 18Nov03; 19Apr12; 19Apr17; 19May16;  
 19Jun25; 19Jun29; 19Jul19; 19Sep27; 20Sep11; 20Nov04;  
*Drepanulatrix secundaria* 13Aug24; 13Oct06; 13Oct08; 13Oct10; 13Nov10; 14Apr15;  
 19May26; 19Jul26; 20Jun05; 20Jul08; 20Jul12; 20Aug05; 20Sep01;  
 21Apr24; 22Aug25; 22Sep01; 22Oct16;  
*Drepanulatrix* sp. 15Feb17; 17Oct21; 19May11; 19Jul23; 19Aug21; 19Sep21; 19Oct16;  
 19Oct24; 19Nov05; 19Nov15; 19Nov16; 19Dec04; 19Dec05; 20Apr10;  
 20Jul29; 20Aug13; 20Oct12; 20Oct15; 20Oct30; 20Dec06; 20Dec07;  
 23Apr09; 23Aug19; 23Oct 12; 24Apr05;  
*Dysstroma citrata* 13Oct25; 17Jul26; 17Oct06; 17Oct10; 17Oct21; 18Jun19; 20June10;  
 20Jun20; 20Sep14; 20Oct09; 22Sep19; 22Oct18; 23Aug20; 23Aug31;  
 23Sep08; 23Oct02;  
*Dysstroma sobria* 11Apr20; 11Apr30; 23Aug24;  
*Dysstroma* sp. 19Sep19;  
*Ectropis crepuscularia* 12Aug17;  
*Enchoria lacteata* 13Mar28; 15Mar08; 16Mar13; 18Mar19; 19Mar19; 19Mar28; 20Mar20;  
 20Mar21; 21Mar27; 23Mar19;  
*Ennomos magnaria* 12Sep18; 12Oct02; 13Oct04; 15Oct11; 17Aug27; 17Sep01;  
 17Sep30; 17Oct04; 18Sep14; 19Sep28; 20Sep16;  
*Enypia packardata* 13Jun16; 15Jun09; 16May25; 18Jul17; 19Jun22; 19Jun27; 19Aug05;  
 20Jun12; 20Jun13; 20Jun20; 20Jul22;  
*Enypia venata* 12Aug09; 13Sep13; 18Aug12; 19Sep03; 20Aug21;  
*Epirrhoe plebeculata* 11Apr06; 13Apr02; 15Mar04; 16Mar31; 16Apr20; 17Apr28;

18Mar13;18Mar30; 18Apr26; 20Mar19; 21Apr13;  
*Epirrita autumnata* 13Oct10; 14Sep07; 14Oct20; 16Nov12; 17Oct29;17Nov8; 17Nov10;  
 17Nov18;18Oct30; 18Nov03; 19Oct21; 19Oct22;19Oct24; 19Oct31;  
 19Nov01; 19Nov03; 19Nov7;19Nov10;19Nov12;19Nov13;19Nov15;  
 20Oct15; 20Oct24; 20Oct29; 20Nov04;20Nov12; 20Nov18;  
 21Oct17; 21Oct27; 21Oct29; 22Oct19; 22Oct20; 22Oct23; 22Oct24;  
 22Oct28; 22Nov02; 23Oct15; 23Oct16; 23Oct19; 23Oct25; 23Oct30;  
*Erannis "vancouverensis"* 11Jun09; 12May28; 12Nov21; 13May18; 13May20; 13Jun01;  
 13Nov04; 13Nov05; 13Nov07; 13Nov 29; 13Dec 23;14May08; 14May21;  
 14Nov01;14Nov06;15May12;15May15;18Nov16; 19Nov04; 19Nov05;19Nov07;  
 19Nov22;19Nov23;19Nov24;19Nov25;19Nov28; 19Nov29;19Dec04; 20Nov18;  
 20Nov20; 20Nov22; 21Nov04; 21Nov14; 22Oct19; 22Nov24; 22Dec29;  
 23Jun02; 23Nov14; 23Dec12;  
*Eulithis destinata* 12Oct06;  
*Eulithis xyliina* 12May14; 12Jun08; 13May26; 13Jun24; 14May14; 14May29; 14Jul06;  
 14Jul10; 18Jul08; 18Jul16; 18Aug04; 18Aug05; 18Sep10; 19Jun24;  
 19Jun29; 19Jul03; 19Jul06; 19Jul26; 19Aug10; 19Aug28; 20Jul08;  
 20Jul13; 20Jul15; 20Jul21; 20Jul27; 20Jul31; 20Aug08; 21Jun26;  
 22Aug22; 22Sep07; 23Jul14;  
*Eupithecia annulata* 14Apr07; 15Feb09; 15Mar09; 15Mar15; 15Mar21; 15May27;  
 17Apr08;17April19; 18Feb07; 18Mar08; 18Apr25; 19Jul22;  
 19Sep27; 20Apr13;20Apr15; 20Jul27; 20Aug08; 22Feb07;  
 22Feb14; 22Feb15; 23Mar23; 23May14;  
*Eupithecia annulata/olivacea* 20Feb13; 20Feb15;20Feb24; 20Feb27;20Mar10; 20Mar27;  
 20Mar31; 20Apr01;  
*Eupithecia cretaceata*15Jun03;19May06;19May08;19May10;19May16;19Jul15;  
 20May14;20May23; 20Jun16; 20Jun17;  
*Eupithecia gilvipennata* 12Apr09; 13Mar30; 15Mar20;15Mar 22; 18Apr12; 20Apr16;  
*Eupithecia graefii* 14Apr07; 15Feb24;16Apr11; 17Sep16; 17Sep27; 18Apr12; 19Jul25;  
 20Apr10; 20Apr11; 20Apr13; 20Apr20; 20Sep12; 22May14; 23Jul08;  
*Eupithecia maestosa*; 13Aug23; 20Jun27; 22Mar28;  
*Eupithecia misturata* 18May29; 18Jun13; 18Jun14;  
*Eupithecia mutata/rotundopuncta* 11Jun23; 14May19;15May10; 20Apr13; 20Apr19;  
 22May15;  
*Eupithecia nevadata*20Mar30; 20Apr18; 23Apr06; 23Apr07; 23Apr10; 24Apr08;  
*Eupithecia olivacea* 12Apr02; 15Mar08; 19Mar28;20Feb15;  
*Eupithecia ornata* 11Jul26  
*Eupithecia ravocostaliata* 11Apr05; 12Apr02; 14Mar18; 14Apr03; 15Mar28; 16Apr12;  
 17Apr08; 18Apr10; 18Apr12; 18Apr12; 18Apr25; 19Mar28;  
 19Mar29; 19Apr20; 20Mar19; 20Mar30; 20Mar31; 20Apr01;  
 20Apr10; 20Apr15; 20Apr18; 20May11; 21Apr03; 21Apr18;  
 21Apr24; 21Apr26; 22Mar24; 22Apr18; 22May11; 22May14;  
 22May19; 23Mar18; 23Mar21; 23Apr07; 23Apr09; 23Apr10;  
 24Mar17; 24Mar29;  
*Eupithecia satyrata* 16Jun08;  
*Eupithecia tripunctaria* 19Oct16;20May28; 20Sep11;

*Eupithecia unicolor* 15Jun14; 15Jun23; 17Aug26; 21Aug02; 21Sep14;  
*Eupithecia* sp. 11Aug26; 12Apr02; 12Apr02; 14Mar08; 14Mar 24; 14Mar28; 15Feb07;  
 15Feb09; 17Aug12; 18May25; 18Oct08; 19Mar27; 19Apr12; 19Apr20;  
 20May11; 20June11; 21Apr20; 21May06; 21May23; 21Jun29; 21Aug01;  
 22Mar14; 23Jun08; 24Feb05; 24Feb19;  
*Eurrhyncha hortulana* 14Jun30;  
*Gabriola dyari* 15Jun19; 18Jul08; 18Jul16; 19Jul10; 20Jul21; 20Aug22; 21Jul08;  
 21Jul13; 22Jul13;  
*Hemithea aestivaria* 11May26; 11Jun20; 11Jul16; 12Jul05; 12Sep29; 13May27;  
 13Jun19; 13Jun24; 14May14; 14Jun03; 15Jun19; 15Jul08;  
 16May06; 16May21; 16Jun10; 16Jun11; 16Aug03; 17Apr17;  
 17May16; 17Jul05; 18May19; 18May27; 18Jun04; 18Jun20;  
 18Jul03; 18Jul05; 18Jul11; 19May24; 19May27; 19May30;  
 19Jun10; 19Jun21; 19Jul06; 21Jun29; 22Jul17; 22Jul21; 22Jul25;  
 23Jun29; 23Jul06;  
*Hesperumia latipennis* 10Apr07; 10May11; 15Jun30; 18Jul20; 19Jun30; 19Jul03;  
 19Jul11; 19Jul20; 19Jul23; 19Jul31; 20Jun19; 20Jul03; 20Jul10; 20Jul15;  
 20Jul22;  
*Hesperumia sulphuraria* 18Jul12; 18Jul17; 19Jun30; 19Jul09; 19Jul28; 20Jul15; 20Jul25;  
 20Jul31; 20Aug12; 22Aug01;  
*Hydrelia albifera* 10Sep18; 12Aug20;  
*Hydriomena albifasciata* 17Mar29;  
*Hydriomena californiata* 17Apr25; 18May21; 18May30; 18Jul22; 19May29; 19May31;  
 19Jun09; 19Jun22; 19Jun25; 19Jul20;  
*Hydriomena furcata* 16Sep08; 21Aug17;  
*Hydriomena irata* 10Apr06;  
*Hydriomena manzanita* 10Mar03; 13Mar30; 13Apr14; 14Mar10; 14Mar 24; 16Mar31;  
 17Mar29; 17Apr08; 17Apr26; 18Feb11; 18Mar11; 18Apr09;  
 18Apr12; 18Apr20; 18Apr25; 19Mar29; 19Mar29; 19Apr12;  
 20Feb27; 20Mar05; 20Mar17; 20Mar20; 21Apr10;  
*Hydriomena marinata* 16Apr24; 18May21; 18May30; 18Jun14; 19May14; 19May16;  
 19Jul20; 20May23; 20May28; 20May31; 20Jun09; 20Jun22;  
*Hydriomena nevadae* 17Jul30;  
*Hydriomena nubilofasciata* 14Jan24; 14Jan 25; 14Mar02; 14Mar08; 14Jan26; 15Feb09;  
 16Feb21; 17Mar19; 18Feb07; 18Feb15; 18Mar05; 18Mar11; 19Feb01;  
 19Mar18; 19Mar29; 19May13; 20Feb18; 20Feb24; 20Mar11; 20May11;  
 21Mar09; 23Feb24; 23Mar06; 23Mar08; 23Mar13; 23Mar18; 24Feb02;  
 23Mar21; 23Mar29; 23Apr07; 23May18;  
*Hydriomena speciosata* 18Aug22; 19Jun18; 20Jun28; 20Jul30; 20Aug17; 20Aug19;  
*Hydriomena californiata/marinata* 21Jun17; 21Jul13;  
*Hydriomena* sp. 14May12; 17Jun01; 19Apr09; 19Apr12; 19May08; 19May12; 19Jun12;  
 20June10; 20Jun20;  
*Idaea dimidiata* 11Aug26; 13Aug23; 16Jun14; 16June28; 17Jul26; 18Jul21; 19Jun26;  
 19Jul04; 19Jul05; 19Jul15; 19Jul27; 20Jul03; 21Jun29; 21Jul31; 22Jul05;  
 22Jul14; 22Jul17; 22Jul25; 23Jun22; 23Jul09; 23Jul23;  
*Iridopsis emasculationum* 11Sep28; 12May17; 18Jun14; 18Jul08; 18Jul08; 18Jul16;

18Jul18;18Jul19; 19May29; 19Jun09; 19Jun27; 19Jun29; 19Jun30;  
19Jul03;19Jul29; 19Aug01; 19Aug25; 20June10; 20Jun12;  
20Jun20; 20Jun28

*Lobophora nivigerata* 19May01;

*Lobophora nivegerata/magnoliatoidea* 21May17;

*Lobophora nivigerata/simsata*20Apr16;

*Lambdina fiscellaria* 11Sep13; 13Oct04; 14Sep05; 17Aug31; 19Sep18; 19Oct04;  
23Oct02;

*Leptostales rubromarginaria* 15May04; 16Apr29; 16May01; 17May25;19May07;  
19May11; 22May23; 23May18;

*Lomographa semiclarata* 18May07; 19May07;

*Macaria adonis*19Jun23;

*Macaria lorquinaria* 21Jul05;22Jul29; 22Aug01; 23Jun21; 23Jul19;

*Macaria signaria* 13Jul14; 18Jul13; 23May22; 23Jul10; 23Aug05;

*Melanolophia imitata* 10Apr06; 14May12; 17Apr14; 17Apr26; 17May23;17Jul02;  
18Apr20; 18Apr21; 18Apr25; 19April09;19Apr12; 19Apr17; 19May01;  
19May23; 20Mar29; 20Apr10; 20Apr13; 20Apr15; 20Apr25; 20May11;  
21Apr15; 21Apr19; 21Apr20; 21May04;

*Mesoleuca gratulata* 10Mar22; 10Apr20; 11Apr14; 11May03; 12Apr15; 13Mar28;  
13Apr16; 14Apr11;14April15; 15Apr10; 16Apr04; 16Apr11;16May16; 16May23;  
17May06; 18May06;20Jun14; 21Apr24; 21May17; 22Mar26; 22Mar30;

*Metanema inatormaria* 11Aug02; 20Jun25;

*Metarrhantis duaria* 14May19; 15May22; 18May19;

*Nematocampa resistaria* 11Jun25; 17Jul30; 20Jul20; 20Jul30; 20Aug08;

*Nemoria darwiniata* 18Jul16; 18Aug04; 18Aug21; 19Jul10; 19Jul15; 19Jul21; 19Jul25;  
19Jul28; 19Aug01; 20Jul15; 20Jul27; 20Aug10; 20Sep04;  
20Sep09; 21Jul14; 22Jul15; 22Aug23; 23Aug16; 23Aug20;

*Nemoria unitaria* 11Aug02; 22Jul21; 22Jul25;

*Neocalcis californiaria* 10Apr07; 10June04; 10Jul11; 10Aug23; 11May10; 11Aug26  
11Sep10; 12Jul27; 12Aug01; 12Sep18; 13Jul26;  
14Aug25;14Sep13;15Apr02; 15Aug29; 16Aug03;16Oct01;  
17May13; 17May29; 17Jul26; 17Jul30;17Aug25; 17Aug26;  
17Sep01;17Sep02; 17Sep04; 17Sep07;17Sep13; 17Sep26;  
17Sep27; 18Apr03; 18Aug04; 18Aug06; 18Aug12; 18Aug14;  
19Jul08; 19Jul10; 19Jul25; 19Aug01; 19Aug07;19Aug10;  
19Aug21; 19Aug22; 19Aug25; 19Aug28; 19Aug29; 19Sep05;  
19Sep07; 19Sep12; 19Sep18; 20Mar01; 20Jul12; 20Jul30;  
20Aug05; 20Aug08; 20Aug12; 20Aug19; 20Aug22; 20Aug29;  
20Sep02; 20Sep04; 21Jun19; 21Jul24; 21Aug13; 21Aug15;  
21Aug18; 21Aug 26;21Aug28; 21Sep03; 21Sep04; 21Sep10;  
21Sep14; 21Sep15; 22May15; 22Aug08; 22Aug15; 22Aug22;  
22Aug24; 22Aug25; 22Aug28; 22Aug30; 22Sep04; 22Sep05;  
22Sep07; 22Sep19; 23Aug19; 23Aug24; 23Aug29; 23Sep19;  
23Sep20; 23Sep21;

*Neoterpes trianguliferata* 18May26; 20June10; 22Feb06;

*Nepytia phantasmaria* 14Sep23; 17Sep16; 20Sep09; 20Sep10; 20Sep11; 20Sep12;

- 20Sep15; 20Sep24; 20Sep26; 21Aug30; 21Sep03;  
*Nepytia umbrosaria* 20Jul24;  
*Operophtera brumata* 10Apr21;10Nov13; 11Oct29; 11Dec02; 12 Nov04; 12Nov06;  
 12Nov17; 12Nov26; 12Dec03; 12Dec06; 13Nov04; 13Nov10;  
 13Nov22; 13Nov29; 13Nov30; 14Feb01;14Nov10; 14Nov28;  
 14Dec04;15Nov01;15Nov23;16Oct20;16Nov30;16Dec11;  
 17May18;17Nov04;17Nov05;17Nov11;17Nov18; 17Nov19;  
 17Nov26;17Dec01;17Dec18;17Dec20;18Jan11;18Oct12;18Oct27;  
 18Nov10;18Nov15;18Nov28;18Nov29;18Dec10; 18Dec27;  
 19Oct25; 19Nov10; 19Nov13;19Nov14;19Nov15;19Nov16;  
 19Nov17;19Nov18; 19Nov25; 19Dec02;19Dec04;19Dec05;  
 19Dec07;19Dec08;19Dec18;19Dec19;19Dec27; 20Apr23;  
 20Nov04; 20Nov11;20Nov13; 20Nov14; 20Nov18; 20Nov23;  
 20Nov28; 20Dec02; 20Dec06; 20Dec07; 20Dec08; 20Dec10;  
 20Dec11;20Dec30; 21Nov04; 21Nov14; 21Nov28; 21Dec07;  
 21Dec11; 21Dec24; 22Jan22; 22May02; 22Nov11; 22Nov13;  
 22Nov29; 22Dec05; 22Dec27; 23Jan04; 23Jan14;23Nov07;  
 23 Nov10; 23Nov14; 23Nov22; 23Nov23; 23Dec04; 23Dec09;  
 23Dec24;  
*Operophtera occidentalis* (formerly listed under *bruceata*) 11Dec30; 12Dec08;  
 12Dec09; 13Nov29; 17Dec01;17Dec15;18Dec02;18Dec10;  
 18Dec27; 19Dec02;19Dec04;19Dec07;19Dec08; 19Dec18;  
 19Dec19;19Dec27;20Jan01;20Dec01; 20Dec08; 20Dec11;  
 20Dec30; 21Jan08; 21Dec17; 22Jan16; 22Jan22; 22Dec27;  
 23Dec22; 23Dec24;  
*Operophtera danbyi* 12Dec08;18Jan17;  
*Operophtera* sp. 16Nov24;16Dec01;  
*Perizoma costiguttata* 17Aug06; 17Aug06; 18Jul08; 18Jul12; 19May16; 19Jul06;  
 19Aug30; 20Jun19; 20Jun21;  
*Perizoma curvilinea* 15Apr05; 15May10; 16Apr18;17Apr26; 17Jul30; 18May03;  
 18May19; 18May21; 18Jun14; 18Jul17; 19April09; 19April12;  
 19Apr29; 19May01; 19May27; 19Jun27; 19Aug30; 20Apr10;  
 20Jun09; 20June10; 20Jul26; 20Jul27; 20Jul31; 20Aug05;  
 20Aug06; 20Aug08; 20Aug10;  
*Perizoma grandis* 22Jul08; 23Jul03;  
*Pero behrensaria* 18May21;19May31;  
*Pero honestaria* 20May17; 20Aug01; 20Aug03;  
*Pero mizon* 12Apr30; 12Jun09;14Aug16; 18Jul09; 18Aug05; 18Aug20; 19Jun27;  
 19Jul11; 19Jul13; 19Jul20; 19Jul28; 19Aug01; 20Jul31; 22Aug 12;  
 22Aug19; 22Sep05;  
*Pero morrisonaria*19May31; 20Jun09; 20June11; 20June23; 20Jul27; 20Aug02;  
 20Aug08; 22Aug12;  
*Pero* sp. 20May18; 20May30; 20Jun20; 20Aug15; 20Aug16; 21Aug27; 22Aug08;  
*Pasiphila rectangulata* 13Jun12; 15Jun19; 17Jun05; 17Jul04; 19Jul01;20May19;  
 20Jun20; 20Jul08; 21June27; 21June28; 21Jul09; 23Jun28;  
*Phigalia plumogeraria* 14Jan19; 14Feb11; 14Mar08; 14Mar10; 14Mar14; 15Feb07;

19Jan24; 20Feb27; 21Jan30; 22Feb12; 24Feb11; 24Feb19;  
*Philedia punctomacularia* 13Nov13; 17Sep22; 18Sep09; 20Oct07; 23Oct17;  
*Plagodis phlogosaria*: 19May18; 19Jun11; 20Jun12;  
*Plagodis pulveraria* 18May21; 19May22; 20May17;  
*Plemyria georgii* 14Jul14; 17Aug06; 17Sep16; 17Oct15; 18Aug19; 19Jul25; 19Sep23;  
 19Sep27; 19Oct01; 20Jul27; 20Aug14; 20Oct09; 21Sep01; 21Sep16;  
 22Oct02; 23Aug13;  
*Probole* sp. 20May31;  
*Protitame matilda* 17Jul04;  
*Protitame subalbaria* 18Jul16; 19May12; 19May29; 19Jun09; 19Jun28; 20Jun06;  
 20June18; 20Jul07; 20Jul25; 21Jun11; 21Jul07; 21Jul12; 21Jul31  
*Protoarmia porcelaria* 13Jul31;  
*Rheumaptera hastata* 15Jun08; 15June17; 15Jun22; 15Jun23; 16Apr18; 16Sep17;  
*Rheumaptera undulata* 14Aug22; 15May15; 15Jun14; 18Jul26; 20Jul29;  
 20Sep16 : 20Sep19; 22Jul21; 23Jul28;  
*Sabulodes aegrotata* 18May21; 19Aug05; 19Aug11; 20Aug15; 20Aug16; 20Aug21;  
 20Sep28; 20Nov01; 20Nov03; 21Apr15; 21Apr16; 21Apr19; 21Apr29;  
 21Apr30; 21Aug04; 21Aug20; 22Aug11; 22Sep08; 23Apr23; 23Aug19;  
*Sabulodes edwardsata* 14Jul03; 21Jul27;  
*Scopula marginepunctata* 18Jul25;  
*Scopula quinquelinearia* 17Jul31; 19Jul08; 19Jul10; 19Jul11; 19Jul15; 20Jun03; 20Jul10;  
 20Jul26; 22Jan16;  
*Scopula* sp. 19Jun29;  
*Selenia alcipheararia* 12Apr21; 18May21; 18Jul24; 19May06; 20May14;  
*Sicya crocearia*  
 [Early photographs of this moth on this site may be labelled *S. macularia*, a species that has more recently  
 been spilt into *macularia* (eastern) and *crocearia* (western).]  
 10May06; 10Jun04; 12Aug01; 13May24; 13May31; 13Jun11; 15Jun23;  
 18Jul16; 19May19; 19May23; 19May25; 19May27; 19Jun02; 19Jun14;  
 19Jul01; 19Aug01; 20Jul15; 20Jul21; 20Jul31; 20Aug10; 20Aug21;  
 22Jul22; 23Jul23;  
*Spargania magnoliata* 21Jun17; 21June28; 21Sep04; 22Aug02; 22Aug30; 23Jun23;  
 23Aug16;  
*Spodolepis danbyi* 12Apr18; 15May05; 18Apr07; 19April09; 19Jun11; 20Apr06;  
 20Apr10;  
*Stenoporpia excelsaria* 19Jun11; 19Jun29; 19Jul09; 19Jul10; 20June10; 20Jun12;  
 20Jun16; 20Jun20; 20Jul04; 20Jul08; 21June05; 21Jun06; 21Jun20;  
*Stenoporpia pulmonaria* 18Sep13;  
*Synchlora aerata* 15Aug16;  
*Tetracis cervinaria* 20 May01; 20May16;  
*Tetracis jubararia* 11Oct16; 12Oct10; 12Oct16; 13May26; 13Sep22; 13Oct06; 14Sep15;  
 14Oct15; 14Oct20; 15Oct13; 16May17; 17Jun04; 17Sep29; 18Oct07; 18Oct10;  
 19May23; 19Jun05; 19Oct05; 19Oct06; 19Oct07; 20Sep24; 20Oct07; 21Apr30;  
 21May11; 21May16; 21Oct17; 22Sep07; 22Oct05; 22Oct18; 22Oct25;  
 23Sep21; 23Oct02; 23Oct11; 23Oct12; 23Oct13; 23Oct19;  
*Tetracis pallulata* 13Oct06; 17Sep18; 18Sep09; 18Sep14; 19Sep03; 19Sep05; 19Sep08;

- 19Sep09; 19Sep20; 20Sep09; 20Sep11; 20Sep14; 20Oct09; 22Oct01;  
23Oct15; 23Oct16; 23Oct19;
- Tetracis* sp. 18Jun11; 19Sep19; 19Sep23; 19Oct16; 19Oct21; 19Oct24; 20Sep16;  
20Sep29; 20Oct13; 20Oct15; 20Oct17; 20Oct20; 23Oct05;
- Thallophaga hyperborea* 17Apr14;
- Thallophaga taylorata* 15Mar19; 16May08; 20Aug08; 20Aug10;
- Thera juniperata* 19Oct24; 19Nov05; 21Oct16; 21Nov03; 22Oct12; 22Oct13; 22Oct18;  
22Oct20; 22Oct28; 23Oct11; 23Oct13; 23Oct15; 23Oct16; 23Oct19;  
23Nov03;
- Triphosa haesitata* 10Mar05; 11Apr25; 11Jul10; 11Aug02; 11Sep26; 13Jun23;  
13Aug30; 13Nov05; 14Apr11; 15Jan20; 15May13; 15Aug16; 16Apr28;  
16May17; 16Jun08; 17Mar24; 17Sep10; 17Oct31; 17Dec15; 18Mar03;  
18Apr06; 18Apr17; 18Apr25; 18Sep13; 18Sep14; 18Oct08; 18Oct09;  
19Mar08; 19Mar19; 19Apr29; 19Oct01; 19Oct31; 20Mar17; 20Apr10;  
20Aug02; 20Aug22; 20Sep03; 20Sep29; 21Mar08; 21Apr18; 21Apr20;  
21Sep10; 21Nov29; 22Apr 25; 22June05; 22Aug23; 22Oct24; 22Oct29;  
23Mar30; 23Apr 16; 23 May01; 23May13; 23Nov06; 24Mar23; 24Apr08;
- Venusia cambrica* 18Jul22; 20Aug13;
- Venusia duodecemlineata* 13Apr07;
- Venusia obsoleta/pearsalli* 11Apr24; 14Mar10; 14Mar16; 14Mar28; 14Apr03; 17Apr26;  
18Mar29; 18Apr09; 18Apr12; 18May03; 18May19; 19Mar29; 19April09;  
19Apr12; 19May16; 19May20; 19May29; 18Jul18; 18Jul19; 19May29; 19Jun09;  
19Jun25; 20Mar03; 20Mar17; 20Mar17; 20Mar19; 20Mar26; 20Apr06; 20Jun07;  
21Apr04; 21Apr15; 21Apr27; 21Apr29; 22Apr01; 22Apr03; 24Mar23;
- From 2024 these two species have been named *Nomenia obsoleta* and *Venusia pearsalli*
- Venusia* sp. 19May13; 23Mar21; 23Apr10; 24Mar31;
- Xanthorhoe defensaria* 13May29; 13Jun10; 14Mar28; 14Apr07; 14May12; 14Jun08;  
14Sep01; 15Mar15; 16Apr30; 17Jul31; 17Sep16; 17Sep21;  
17Sep27; 18May03; 18Aug05; 18Sep10; 18Sep19; 19Mar29;  
19May01; 19May09; 19May27; 19Jun01; 19Aug22; 19Sep19;  
19Sep20; 19Sep23; 19Oct02; 19Oct12; 19Oct31; 19Nov10;  
20Mar29; 20Mar30; 20Apr06; 20Apr10; 20Apr10; 20Apr17;  
20Apr18; 20Apr19; 20Apr20; 20Apr29; 20May16; 20May23;  
20Jun09; 20June18; 20Jul31; 20Aug13; 21May04; 21May06;  
21May28; 21Jun01; 21Sep03; 22May10; 22May14; 22May 23;  
22Aug22; 22Sep23; 22May29; 23May29; 23Jun23; 23Oct02;  
23Oct15;
- Xanthorhoe packardata* 14Jun08; 20Aug10;
- Zenophleps lignicolorata* 18Aug28; 18Sep14; 19Sep03; 20Aug24; 20Sep10; 20Sep12;

#### GLYPHIPTERIGIDAE

- Glyphipterix bifasciata* 16Jul09;
- Diploschizia impigritella* 15Sep08; 18Aug06; 20Aug13; 21Aug07;
- Diploschizia* sp. 20Apr17;

#### GRACILLARIIDAE

*Gracillaria syringella* 10May17;15Jul12;

#### HEPIALIDAE

*Gazoryctra mathewi* 13Sep08;17Sep10; 20Sep15;

#### HESPERIIDAE

*Amblyscirtes vialis*16May19; 20Jul01;

*Carterocephalus palaemon* 13May27; 15Jun02; 15Jun05; 18May16; 19Jun23; 23May18;

*Epargyreus clarus*19Jun17;

*Erynnis icelus* 20May19;

*Erynnis persius* 13Jul03; 15Jun02; 15Jun05; 19Jun17;19Jul28; 22Jul04

*Erynnis propertius* 10Apr15; 10Apr23; 10Apr23; 10May15; 10Jul02; 11Jun03; 12Apr17;

13Apr28; 13May19; 14May01; 14May01; 14May16; 14May21;

15Apr17; 16Apr28; 16May06; 16May10;16May 13;16Jun16;

17May08; 17May13; 17May24; 17May26; 17Jun01; 18Apr22;

18Apr25; 18Apr26;18May26; 18Jun01; 18Jun11; 18Jun15;

19Apr16; 19Apr21; 19Apr29;19Apr30;19May09; 19May19;

19May21;19May31; 20Apr16;20Apr17; 20May07; 20May27;

21May10; 21May17; 21May18; 21May20; 21May23; 22May02;

22June08; 22Jun27; 23May18;

*Euphyes vestris* 10Jul17; 13Jul03; 14Aug12; 15Jun15;15Jun16; 15Jul03; 16Jun10;

16June17;16Jun27;18Jun27; 18Jul27;18Jul01; 19Aug06; 20Jun29;

20Jul14; 22Jul04; 23Jul02;

*Hesperia comma* 14Aug06; 14Aug19; 15Jul20; 15Aug03; 16Jul30; 16Aug08;17Aug04;

17Aug07; 17Aug15;17Aug23; 17Aug28; 18Jul30; 18Aug01;

18Aug06; 18Aug09; 18Aug17; 18Aug20; 19Aug06; 20Aug04;

21Aug12; 22Aug24;

*Ochlodes sylvanoides* 10Aug07; 10Aug17; 11Aug06; 11Aug29; 11Sep11; 12Aug06;

12Aug08; 12Aug11; 13Jul27;14Aug03; 14Aug06; 14Aug22;

15Jul14; 15Jul29; 15Aug04; 15Aug12; 15Aug16;15Aug18;

15Sep04; 16Jul15; 16Jul17; 16Jul29; 16Aug28; 16Sep05;

17Aug06; 17Aug07; 17Augu16;17Sep01; 18Jul20; 18Jul26;

18Aug02; 18Aug06;18Aug10;18Aug17; 18Aug18; 18Aug20;

19Jul17; 19Jul26; 19Jul27; 19Jul28; 19Aug02; 19Aug03;

19Aug11; 19Sep02; 20Jul24; 20Jul29; 20Aug04; 20Aug14;

20Aug22; 20Aug25; 20Aug28; 20Aug31; 21Jul18; 21Jul19;

21Jul28; 21Aug02; 21Aug03; 21Aug09; 21Sep03; 21Sept06;

22Aug04; 22Aug07; 22Aug17; 22Aug29; 22Aug31; 22Sep01;

22Sep02; 23Jul12; 23Jul14; 23Jul18; 23Jul22; 23Jul29; 23Aug05;

23Aug08; 23Aug17; 23Aug26; 23Aug27; 23Sep02; 23Sep04;

*Pyrgus ruralis* 12May15; 13Apr22; 14May19;15Apr15; 16Apr29; 16May03; 16May11;

16May15; 16May19; 16Jun11; 16Oct08; 17May07; 17May29; 17Jun07;

*Thymelicus lineola* 10Jun07; 10Jul09; 10Jul21; 10Jul23; 10Aug02; 11Jul05; 12Jul14;

13Jun02; 13June14; 13Jun20; 13Jun24; 13Jun29; 15Jun12; 15Jun25;

15Aug13; 16Jun07;16Jun20; 16Jul03; 16Jul07; 17Jun21; 18Jun23;



18Jun27;18June30; 18Jul03; 18Aug06; 19May17; 19May24;19May26;  
 19Jun04; 19Jun11; 19Jun14; 20Jun18;20Jul06;20Jul10; 20Jul29;  
 20Aug03; 20Aug04; 21Jun16; 21June28; 21Jul11; 21Aug03; 22Jul05;  
 22Jul09; 22Jul13; 22Aug07; 22Aug08; 23June09; 23Jun12; 23Jun14;  
 23Jun18; 23Jun20; 23Jul04; 23Aug08;

#### LASIOCAMPIDAE

*Malacosoma californicum* 10May25; 10Jun15; 10Jun21; 11Jul16; 12Jun17; 12Jul01;  
 12Jul31; 13May01; 13Jun02; 13Jun30; 15May29; 16Apr29;  
 18Jun01; 18Jul09; 18Aug22; 19Jun24; 19Jul05; 19Jul10;  
 19Aug24; 20Jul20; 20Jul21;20Jul23; 20Jul29; 21May30;  
 21Jun19; 21Jun24; 21Jun26; 21June27; 21Jul02; 21Jul12;  
 21Jul13; 22Jun03; 22Jun18; 22Jul05; 22Jul08; 22Jul15;  
 22 Jul18; 22Jul21; 22Jul25; 23May07; 23May18; 23Jun22;  
 23Jul06; 23Jul19;

*Malacosoma disstria* 10May25; 10Jun18; 12Jun20; 13Jun30; 15May29; 16Apr29;  
 18Jun01;20Jul23; 21Jun30; 21Jul01; 21Jul04; 21Jul11;  
 21Jul12; 23Jun06; 23Jun22;

*Malacosoma* sp. 13Jun08; 23Jul20;

*Phyllodesma americana* 13Jun30; 13Jul27; 13Aug27; 14May05; 14May19; 14Sep13;  
 15Aug12;16Mar16; 17Sep03; 18Sep09; 19Apr29; 19May16;  
 19May18; 20Apr10; 20Apr22; 20Apr28; 21Apr23; 21Apr24;  
 21May14; 22Aug25;

*Tolyte distincta* 17Aug12; 17Sep01; 18Jul26; 19Aug30; 21Aug12; 21Sept07; 23Aug16;  
 23Aug27;

Unidentified 15Jul08;

#### LIMACODIDAE

*Tortricidia testacea*19May27; 19Jun12;

#### LYCAENIDAE

*Agriades glandon*14Aug06; 15Jun16; 21Jul26;

*Celastrina echo* 10Mar26; 10Apr06; 10Apr21; 10Apr28; 10May04; 10Jun23; 10Jun29  
 10Jul03; 11Apr20; 11May03; 11May16; 11May31; 11Jun02; 11Jul12;  
 12Apr06; 12Apr15; 12Apr17; 12Jun26; 13Apr16; 13Apr22; 13Apr23;  
 13Apr25; 13May16; 13Jun02; 13Jun03;14Apr11; 14Apr15; 14May14;  
 15May04; 15May20;15May24;15Jun10; 16Mar31; 16Apr08; 16Apr18;  
 16Apr26; 16April27; 16Apr29; 16Apr30; 16May01; 16May10;  
 16May24; 16Jun05;16Jun11;16Jun15; 17Apr16;17May03; 17May08;  
 17Jun05; 18Apr10; 18Apr23; 18May03; 18May07; 18May18; 18Jul24;  
 19Apr29; 19May10; 19May18; 20Apr18;20Apr20;20May06; 20May07;  
 20May10; 20May14; 20May18; 20May19; 20May25;20Jun01; 20Jun04;  
 20Jun16; 21Apr16; 21Apr25; 21Apr27; 21May05; 21May11; 21May17;  
 21May23; 21May31; 21Jun18; 22Apr26; 22Apr30; 22May14; 22May20;  
 22May23; 22Jun03; 22Jun25; 22Jul05; 23Apr28; 23 May01; 23May13;  
 23May18; 23May25; 23May31; 23Jun01; 24Mar31;

*Everes amyntula* 13May01; 13May05; 13Jul22; 14Apr28; 14May01; 14May05; 16Apr20;

- 15May20; 15May24; 15Jun05; 16Apr25; 16Apr30; 16May03; 17May22;  
 17May26; 18May18; 19May12; 19Jun17; 20May19;
- Glaucopsyche lygdamus* 12Aug16; 13May01; 13Jun02; 13Jun11; 13Jul03; 13Jul09;  
 13Jul23; 14May16; 15May16; 15May18; 15Jun05; 15Jun19; 16May03; 16May06;  
 18May21; 18Jun23; 19May19; 20May19; 20May20; 21May15; 21May23; 22Jul04;  
 23Jun07; 23Jul24;
- Icaricia icarioides* 15Jun05; 15Jul05; 16May24; 16May24; 16Jun06; 16Jun07; 16Jun10;  
 19Jul31; 23Jun13;
- Incisalia eryphon* 11May25; 13Apr14; 16Apr08; 16Apr18; 16Apr20; 16Apr26; 16May03;  
 16May10; 16May11; 17Apr28; 17May06; 17May22; 17May26;  
 19May07; 19May08; 20May19; 20Jun04; 21Apr20; 21Apr25; 21Jun04;  
 22May20; 23May03;
- Incisalia iroides* 10Mar23; 10Mar26; 10May04; 10Jun08; 11May24; 13May01;  
 13May05; 14Apr11; 14Apr28; 14May05; 14May21; 15Apr08; 15May04;  
 15May30; 15Jun02; 15Jun03; 15Jun10; 15Jun27; 15Aug07; 16Feb26; 16Apr03;  
 16Apr11; 16Apr20; 16May03; 16May09; 16May11; 17Apr20; 17Apr21;  
 17Apr27; 17May06; 17May08; 17May26; 18May05; 18May07; 18May18;  
 19Apr21; 19May01; 19May07; 19May10; 19Jun14; 19Jul29; 20Apr08; 21Apr20;  
 21May18; 22May02; 23May02; 23May03; 23May07; 23May21;
- Incisalia mossii* 10Mar09; 12Apr23; 13Apr25; 14Apr03; 15Apr22; 15May22; 15Jun02;  
 15Aug07; 16Apr01; 16Apr03; 16Apr08; 16Apr13; 16May08; 17Apr02;  
 17Apr11; 17Apr13; 18Apr27; 20Apr08; 20Apr20; 21Apr19;
- Loranthomitoura johnsoni* 16May11; 16May12; 16Jun04; 16Jun05; 18May07;
- Lycaeides anna* 12Aug 14; 13Jul14; 15Jun19; 15Jun21; 15Jun23; 15Jul18; 16Jul04;  
 18Jul30; 19Jun17; 19Jul31; 20Jul16; 21Aug12; 22Aug24; 23Jul24;
- Lycaena helloides* 10June25; 12Aug14; 12Sep17; 13Jun08; 13Jun13; 13Jul14; 13Jul22;  
 14May21; 14May29; 14Sep10; 15May20; 15Aug03; 15Aug08; 15Aug14;  
 16Sep05; 16Sep14; 17Jun14; 17Jun22; 17Aug09; 17Aug14; 17Aug15;  
 17Sep04; 17Sep11; 17Sep28; 18May16; 18Jun17; 18Jun18; 18Aug08;  
 19Jun12; 19Jun18; 19Aug05; 20May21; 20Jul18; 20Sep10; 21Jun16;  
 21Aug21; 23May29; 23Jul24; 23Aug07; 23Aug09; 23Aug12;
- Lycaena mariposa* 11Sep09; 12Aug20; 12Sep17; 13Jul22; 15Aug29; 16May25; 15Jul20;  
 17Aug23; 18Jul30; 18Jul30; 19Jun23; 21Aug12; 22Aug24; 23Jul24;
- Mitoura rosneri* 10Jul25; 11Jun24; 11Jul03; 12Jun11; 13May02; 13Jun02; 13Jun03;  
 14Jun03; 15Apr19; 15May05; 15May18; 15May24; 15May27; 15Jun02;  
 15Aug26; 16Apr18; 16Apr26; 16May08; 16Jun07; 16June17;  
 16Jul04; 17May10; 17May13; 17May23; 17May24; 17May26;  
 17Jun05; 17Jun14; 17Jun21; 18May03; 18May17; 18May18;  
 18May27; 18Jun17; 18Jun18; 18Jun23; 18Jun27; 19May07;  
 19May23; 19May27; 19Jun03; 19Jun08; 19Jun27; 19Aug05;  
 20May27; 20Jun22; 21May31; 22Jun01; 22Jun12; 23May18;  
 23May25;
- Satyrium sylvinum* 15Aug03; 15Aug15; 16June17; 16Jun27; 18May22; 19Jun27; 23Jul02;
- Strymon melinus* 12Sep12; 13Apr22; 13May05; 13May15; 14May12; 14May14; 15Jul30;  
 14May19; 15Apr10; 15May20; 15Jun22; 15Jul03; 15Jul05; 15Jul06;

15Aug04;15Aug14;15Aug20;15Aug21; 16Apr02; 16Apr30; 16May10;  
 16Jun10; 16June20;16Jul25; 17May02; 17May26; 17Aug06; 18May16;  
 18Jun08; 18Jun18; 18Jul05; 18Sep04; 18Oct18; 18Oct19; 19Mar28;  
 19Apr22; 19May06;19May07; 19May20; 19Jun23; 19Jun27; 19Jul02;  
 19Aug22; 20May15; 20Jul18; 20Aug25; 20Sep14; 21Apr20; 21Sep14;  
 22Jun27; 22Sep29; 22Oct05; 23Apr23; 23May18; 23Jul02; 23Jul14;  
 23Jul19; 23Jul29; 23Aug07; 23Aug26;

## NOCTUIDAE

*Abagrotis apposita* 19Aug06;

*Abrostola urentis* 15Jul29;

*Acerra normalis* 11Apr05; 15Mar27;17Mar17; 18Apr09; 19Mar28;20Mar07; 20Mar19;  
 20Mar28;

*Acronicta dactylina* 14Sep01;15Aug01; 15Aug13; 15Sep13; 16May21;16Oct05;17Jul03;  
 17Sep09; 18Jun14; 18Jul08; 18Jul09;18Oct09; 22Sep12; 23Jun12;

*Acronicta funeralis* 20Jul15;

*Acronicta impleta* 17Sep02; 20Aug18; 21May23;

*Acronicta radcliffei* 19Aug22;

*Adelphagrotis indeterminata* 20Aug23;

*Agrochola pulchella* 17Oct01; 20Oct13;

*Agrochola purpurea* 14Sep27; 17Oct03; 17Oct10; 17Oct15; 19Sep15; 19Sep19;19Oct21;  
 19Oct22; 20Sep26; 20Oct10; 20Oct13; 20Oct20;

*Agrotis ipsilon* 15Oct11; 19Oct07; 20May10; 20Nov03;

*Agrotis obliqua* 18May19;

*Agrotis vancouverensis* 19May22; 19May26; 19Jul10; 20May15; 20May16; 20Jun09;  
 20June12;20June18;20Jun20;

*Amphipyra pyramidoides* 19May23; 19Jul02; 22Sep08;

*Amphipyra tragopoginis* 16Aug02; 18Jul27; 19Jul25; 21Jun01; 21Jun25; 22July11;  
 22Oct04; 23Sep12;

*Anarta farnhami* 14 Jul26;

*Anarta nigrolunata* 15Jun30;

*Annaphila decia* 21May08; 23Apr26;

*Apamea amputatrix*; 14Jul26; 15May26; 17Jul26; 18Jun25; 19Jun08; 19Aug02;  
 20Aug03; 22Jun29;

*Apamea antennata* 20June10; 20Jun25;

*Apamea cinefacta* 15May15; 18May03;19Apr29;19May08;19Jun08; 20May10; 20May13;  
 20May18; 20May22; 20May24;

*Apamea cogitata* 11Sep18;

*Apamea cuculliformis* 15May20;

*Apamea maxima* 14Aug16; 22Jul08;

*Apamea sordens* 19May25; 19Jun11;19Jul27; 21Jun02;

*Apamea unanimitis* 21Jun11;

*Apamea vultuosa* 22Jul09;

*Aseptis binotata* 10Apr21; 10May21;17June14; 18May13; 18May17; 19Apr23; 19Jun14;  
 19Jul04; 19Jul08; 20Aug19; 22Jun26;

*Autographa ampla* 19Apr15; 19May12; 21June27;

*Autographa californica* 13Apr07; 13May10; 13Jun09; 13Jun14; 13Sep21; 13Oct28;  
 14May14; 14Aug09; 14Sep23; 14Oct10; 14Oct15; 14Oct20; 15Jan05;  
 15Mar15; 15Jun30; 15Aug28; 15Sep10; 15Sep13; 15Sep26; 15Sep29;  
 15Sep30; 16Apr23; 16May17; 16Jul15; 16Nov06; 16Nov10; 17May10;  
 17Aug20; 17Sep18; 17Oct06; 17Oct29; 18Sep10; 18Oct16; 19Jul08;  
 19Jul10; 19Sep05; 19Sep27; 20May16; 20Jul31; 20Sep22; 21Sep14;  
 21Nov01; 22June05; 22Aug15; 22Sep07; 22Oct03; 22Oct05;  
 23May20; 23Jul19; 23Aug12; 23Aug17;

*Autographa corusca* 11Aug02; 17Aug17; 21Aug01; 21Aug09; 21Aug29; 22Aug12;

*Behrensia conchiformis* 11Apr21; 13Apr07; 14Apr11; 14Jun10; 15Mar22; 15May05;  
 15Jun11; 15Jun15; 16Apr01; 16Apr18; 17Apr25; 17May05;  
 18Apr12; 18Apr21; 18Apr25; 18Jun21; 18Jun24; 19Apr05;  
 19April09; 19Apr29; 19May29; 19Jun05; 19Jun06; 19Jun09;  
 20Mar26; 20Apr12; 20Apr15; 20Apr20; 20Apr21; 20Apr25;  
 21Apr17; 21Apr18; 21June05; 21Jun12; 21Jun17; 24Apr10;

*Bellura obliqua* 18Jul09; 21Jun29;

*Brachylomia populi* 17Aug29;

*Brachylomia rectifascia* 19Jul12; 21Jul02;

*Brachylomia thula* 21Jun06;

*Caradrina montana* 18Aug16; 22Sep05;

*Cerastis enigmatica* 13Mar30; 14Mar28; 14Apr03; 15Mar15; 18Apr07; 20Mar20;  
 20Apr08; 20Apr18;

*Cosmia praeacuta* 12Aug18; 14Jul30; 18Aug22; 19Aug11; 20Aug10; 21Aug09;  
 22Aug20; 22Aug22;

*Cucullia florea* 14May23;

*Cucullia montanae* 10Aug07; 10Sep30; 14Sep10; 14Oct28; 16Dec07; 19Jul23; 19Aug18;  
 19Sep16; 19Sep18; 19Oct02; 20June23; 20Jul04;

*Cucullia postera* 13Sep23;

*Dargida procinctus* 10Jul22; 10Aug18; 13Apr28; 13Oct25; 14Jul22; 17Sep21; 17Oct21;  
 18Oct12; 21May04; 22Aug22; 22Aug28;

*Dichagyris variabilis* 18Jul17; 19Jul19; 19Jul22; 19Jul28; 19Jul29; 19Aug11; 20Aug08;

*Dryotype opina* 13Oct07; 15Sep12; 17Sep22; 19Sep18; 19Sep23; 19Sep25; 19Oct02;  
 19Oct21; 19Oct22; 20Sep25; 20Sep27;

*Egira crucialis* 10Jun30; 12Apr21; 12Jun26; 13Mar17; 13Mar30; 13Jul11; 14Mar18;  
 14Sep13; 15May12; 17Apr26; 18Apr10; 18Apr12; 18Jun10; 19Mar28; 19Apr29;  
 19May08; 19Jun21; 19Jun26; 20Mar27; 20Mar29; 20Mar30; 20Apr12;  
 20Apr16; 20Apr18; 20Apr19; 20Apr21; 20Apr23; 20Apr26; 21Jan02;  
 21Mar28; 21Apr01; 23Mar29; 23Apr01; 23Apr13; 23Jul11;

*Egira curialis* 13Jun17; 13Jun20; 14Mar14; 14Mar16; 14Mar28; 14Apr11; 15Mar05;  
 15Mar08; 15Mar22; 16Feb26; 16Mar19; 17Apr14; 17Jun10; 17Jun18;  
 18Jul10; 19Mar29; 20Mar22; 20Mar24; 20Mar28; 20Apr12; 20Apr13;  
 20Apr16; 20Apr18; 20Apr21; 21Apr30; 22Mar27; 22Apr07; 23Mar19;  
 23Mar29; 24Mar21;

*Egira cognata* 17Mar31; 22Feb06;

*Egira hiemalis* 12Feb09; 13Mar26; 14Jan16; 14Jan21; 14Feb22; 14Mar24; 15Feb06;  
 15Feb09; 15Feb17; 16Jan21; 17Feb14; 18Feb08; 18Apr12; 19Jan24;

19Jan25; 19Feb05; 20Jan20; 20Feb16; 20Feb27; 21Feb16; 21Feb22;  
 23Jan19; 24Jan27;  
*Egira perlubens* 16Apr27; 17Apr24; 18Apr07; 18Apr12; 18Apr28; 18May03; 19April09;  
 19May19; 20Apr11; 20Apr15; 20Apr16; 20Apr27;  
*Egira rubrica* 11Apr14; 14Apr03; 16Apr09; 17Apr24; 17Apr25; 18Apr12; 18Apr28;  
 18May03; 19Apr29; 20Apr15; 20Apr19; 20Apr21; 20Apr23; 20Apr28;  
 20May13; 20May16; 20May25; 24Apr10;  
*Egira simplex* 12Apr21; 13Mar30; 14Apr03; 15May12; 18Apr09; 18Apr10; 18Apr12;  
 18Apr21; 18May03; 18May03; 19Mar29; 19Apr12; 19Apr29; 20Mar28;  
 20Apr12; 20Apr13; 20Apr16; 20Apr22; 20Apr26; 20 May01;  
*Egira simplex/crucialis* 22May24;  
*Enargia decolor* 15May17; 15Jun07;  
*Enargia infumata* 10Jul25; 14Jul03; 14Jul14; 14Aug06; 15Jun24; 16May01; 16May21;  
 16May30; 22May31; 22Jul02; 23May21; 23June09;  
*Eosphoropteryx thyatyroides* 20Jul31;  
*Erebomina claudens* 20Sep30;  
*Euplexia benesimilis* 17Sep02; 19Aug30; 19Sep07; 20May05;  
*Eupsilia tristigmata* 14Mar18; 16Oct03; 19May29; 19Sep10; 20Feb28;  
*Eurois astricta* 16May24; 16Jun08;  
*Euxoa auxiliaris* 14Sep05;  
*Euxoa difformis* 17Aug31; 18Sep10; 18Sep19; 19Sep04; 19Sep09; 19Sep08; 19Sep10;  
 19Sep25; 20Sep01; 20Sep14; 20Sep24;  
*Euxoa obeliscoides* 14Aug22;  
*Eurois occulta* 17Jun10; 22Aug18;  
*Euxoa olivia* 19Aug06;  
*Euxoa perexcellens* 17Aug29;  
*Euxoa rockburnei* 19Jul29;  
*Euxoa* sp. 18Aug22; 19Jun28; 19Sep19; 19Sep24; 20Sep10; 20Sep15;  
*Feltia jaculifera* 19Aug22; 19Sep25; 20Aug22; 20Aug26; 20Aug31;  
*Feralia comstocki* 16Apr01; 16Apr12; 17Apr25; 18Apr25; 19Apr29; 19May01;  
 19May09; 20Apr16; 20Apr20; 20Apr21; 20Apr23; 20Apr29; 20May16;  
*Feralia deceptiva* 11Apr05; 14Mar28; 15Mar14; 16Mar10; 16Apr01; 17Mar29;  
 18Apr01; 18Apr09; 18Apr12; 18Apr20; 19Mar29; 19May09; 20Mar21;  
 20Mar28; 20Apr17; 20Apr18;  
*Fishea illocata* 19Sep03; 19Sep05; 19Sep09; 19Sep12; 20Aug28; 20Aug29; 20Sep11;  
 20Sep14; 20Sep15; 20Sep19; 20Sep24;  
*Fishea discors* 16Oct03; 17Sep29;  
*Graphiphora augur* 19Jul27; 21Aug02;  
*Heliothis phloxiphaga* 14Aug22; 14Sep23; 17Aug07; 18Jul31; 18Aug23; 18Sep02;  
 18Sep10; 18Oct06; 19Aug05; 19Aug08; 20June11; 23Aug20;  
 23Aug27; 23Sep19;  
*Homoglaea dives* 13Sep20; 18Feb11;  
*Homorthodes communis* 14Sep15; 22Aug27;  
*Homorthodes furfurata* 20Sep19;  
*Homorthodes hanhami* 18Jul20; 19Jun11; 19Jun27; 19Jun29; 19Jul03; 19Jul08; 20May27;  
 20Jun09; 20Jun12; 20Jun20;

*Homorthodes* sp. 20Sep15;  
*Ipimorpha nanaimo* 14Aug03; 14Aug12;14Sep05; 17Sep01; 18May17;19Jul26;  
*Lacanobia subjuncta* 14Sep18;  
*Lacinipolia cuneata* 18Jul08; 19May19; 19May23; 19Jun18; 19Jun25; 19Jun29; 19Jul03;  
 20 May12; 20Jun09; 20Jun16;  
*Lacinipolia patalis* 14May29; 15May12; 18Jul08; 19May26; 23Jun28; 23Jul01;  
*Lacinipolia pensilis* 17Aug31; 17Sep22; 18Jul19; 18Aug01; 18Aug05; 18Aug12;  
 18Aug14; 18Aug22; 19Jul22; 19Jul29; 19Aug05; 19Aug08; 19Aug21;  
 19Sep11; 20May22; 20May23; 20Jun12;20Jul06; 20Jul25; 20Jul29;  
 20Aug14; 20Aug26; 20Aug27; 20Aug28; 20Aug29; 20Aug31; 20Sep10;  
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*Lacinipolia strigicollis* 14Jul10; 18Jul03; 18Jul07; 18Aug04; 18Aug05; 18Aug14;  
 19Jun23; 19Jun27; 19Jul01; 19Jul22; 20Jul09; 20Jul21; 20Aug10;  
*Lacinipolia* sp. 19Aug11; 20May26; 20May27; 20May31; 22Aug01;  
*Leucania dia* 17Jun25; 19Jul08; 19Jul09; 20May15; 20Jun13;  
*Leucania farcta*19Jun30; 20Jul26;  
*Leucania* sp. 15Jul02; 19Jul13; 21Aug04; 21Aug05;  
*Litholomia napaea* 11May03; 21Apr18; 21May08; 21May28;22May29;  
*Lithomoia germana* 14Oct04; 17Sep22; 20Sep12; 20Sep16; 20Sep24; 20Oct10; 21Sep05;  
*Lithophane amanda*14May16; 15May12;  
*Lithophane baileyi* 17Sep26; 17Oct29; 18Jan16;  
*Lithophane dilatocula* 16Apr28;  
*Lithophane georgii* 18Feb11; 18Mar11;  
*Lithophane innominata* 12Sep11; 14Mar18; 14Sep05; 18Apr20; 19Mar29; 20Mar17;  
 20Mar19; 20Mar30; 20Apr10; 20Apr16; 23May13;  
*Lithophane pertorrida* 14Apr03; 14Sep23; 18Feb11; 20Mar17; 20Mar19;  
*Lithophane petulca* 13Apr07; 14Apr07; 18Apr22;18Sep02; 19Mar29; 19Apr17;  
 19Sep23; 20Mar20; 20Mar30;  
*Melanchra adjuncta*; 14 Jul26; 21Sep09;  
*Melanchra picta* 20May14;  
*Mesapamea secalis* 21Aug04; 21Aug12; 22Aug19;  
*Mesogona olivata* 18Sep15;  
*Mesogona subcuprea* 20Sep14; 20Sep21;  
*Mniotype* sp. 22Aug18;  
*Mythimna oxygala*18Jul09; 18Jul09;  
*Mythimna unipuncta* 14Oct04;15Nov07; 17Sep10;17Oct31;17Nov10; 17Nov23;  
 20Oct27; 20Nov03;  
*Mythimna/Leucania* 19Jul22; 20Sep16;  
*Noctua comes* 10Apr23; 10May31; 14Jul22; 15Jun03; 15Aug06; 15Aug07; 21Aug10;  
 21Sep04;  
*Noctua pronuba* 10Apr27; 10May31; 10Jun30; 10Nov 18; 11Sep04; 11Sep27; 11Sep30;  
 12Apr08; 12May30; 12Jun19; 13Feb12; 13Apr03; 13Jul30; 13Sep11; 14May29;  
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 17Jun06; 17Jun14; 17Jul26; 17Aug28; 17Aug30; 17Sep07; 17Sep10; 17Sep15; 17Sep21;

17Oct01; 17Oct21; 18Jan11; 18Apr20; 18Apr21; 18Apr23; 18May11;  
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 19May24; 19Jun27; 19Sep15; 19Sep19; 19Sep27; 20Jan30; 20May25; 20May31;  
 20Jun18; 20Jun24; 20Aug06; 20Aug31; 20Oct04; 20Oct23; 20Nov02; 20Nov09;  
 20Dec02; 21Jan16; 21Jan17; 21Feb11; 21Feb17; 21Aug29; 21Sep03; 21Sep10; 21Sep19;  
 21Oct17; 21Nov04; 22Mar13; 22Jun08; 22Jun20; 22Jun21; 22Jun28; 22Jul05;  
 22Jul20; 22Jul21; 22Aug07; 22Aug28; 22Sep02; 22Sep13; 22Sep15; 22Sep24; 22Oct06;  
 22Oct22; 23May31; 23Jun21; 23Oct02; 23Oct03; 24Feb29; 24Mar23;  
*Oligia divesta* 17Aug31; 17Sep01; 17Sep16; 18Aug04; 18Aug05; 18Aug12; 18Aug19;  
 18Aug20; 18Sep10; 19Aug03; 19Aug05; 19Aug11; 20Aug04; 20Aug10;  
 20Aug18; 20Aug20; 20Aug22; 20Aug31;  
*Orthosia ferrigera* 14Apr15;  
*Orthosia hibisci* 11Apr05; 13Mar30; 13May24; 13Jun18; 13Jun30; 14Mar10; 14Mar18;  
 14Mar24; 14Mar28; 14Jun01; 15Feb17; 15Mar06; 15May19; 17Jun19; 18Apr07;  
 18Apr09; 18Apr11; 18Apr21; 19Mar19; 19Mar28; 19Mar29; 19Mar29; 19Apr12;  
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 20Apr08; 20Apr12; 20Apr16; 20Apr17; 20Apr28; 20Apr29; 21Apr19; 22Mar19;  
 23Apr12; 23May13; 23May23;  
*Orthosia mys* 14Oct22; 15Oct11; 19Oct24; 19Oct25; 19Nov05; 20Sep30; 20Oct05;  
 20Oct15; 20Oct17;  
*Orthosia pacifica* 13Mar30; 14Mar28; 20Apr17;  
*Orthosia praeses* 11Apr05; 13Feb10; 14Mar01; 14Mar02; 14Mar08; 14Mar16; 14Mar18;  
 15Mar14; 17Mar29; 18Jan15; 18Feb17; 18Mar30; 18Apr01; 18Apr11;  
 18Apr12; 18Apr20; 18Apr21; 19Mar29; 20Mar19; 21Feb15;  
 20Mar30; 20Mar31; 20Apr21; 20Apr23; 20Apr24; 20Apr26; 20Apr28;  
 22Feb 15; 22Mar08; 24Mar17;  
*Orthosia pulchella* 18Mar08; 18Apr06; 20Mar13; 20Mar20; 20Mar28; 20Mar29;  
*Orthosia revicta* 20Apr23; 20Apr27;  
*Orthosia transparens* 11Apr06; 11Apr24; 13Mar30; 16Apr12; 18Apr09; 18Apr21;  
 19Mar29; 20Mar30; 20Apr15; 20Apr16; 20Apr17; 20Apr23; 20May14;  
 22Apr01;  
*Orthosia* sp. 21Mar29;  
*Panthea virginarius* 15May12; 16Sep25; 17Jun24; 17Jul30; 17Oct10; 18Jul09; 18Jul10;  
 18Aug14; 19May09; 19May23; 19Jul03; 19Jul25; 19Aug23; 20May28;  
 20Jul12; 20Jul21; 20Jul22; 20Aug08; 22Aug07;  
*Papaipema insulidens* 14Sep23;  
*Parabagrotis sulinaris* 19Sep17; 22Jan16;  
*Parabagrotis* sp. 21Sep22;  
*Paraseptis adnixa* 10Mar09; 10May08; 12Mar08; 12Mar12; 12Mar22; 12Apr15;  
 14Mar08; 14Mar24; 14May05; 16Mar07; 18Apr03; 18Apr28; 18May06; 20Apr03;  
 20May20; 21Feb08; 21Feb19; 22Apr01; 23Mar30; 23Apr25; 23Apr30;  
*Peridroma saucia* 14May16; 16Jul19; 20May28; 23Jun28; 23Jul10; 23Jul20; 23Aug01;  
*Phlogophora periculosa* 11Sep06; 15Jun14; 20Jul31; 20Aug12; 20Aug16;  
*Pleromelloida cinerea* 14Sep23; 16Oct03; 17Sep16; 19Sep20; 19Sep21; 20Sep11;  
 20Sep19; 22Sep27;  
*Pleromelloida conserta* 12Apr08; 14Apr03; 15Mar27; 17Mar29; 18Apr09; 20Apr13;

*Plusia nichollae* 21Aug05;  
*Polia nimbose* 11Apr24;16Oct18;  
*Properigea albimacula*18Jul09;  
*Protodeltote albidula* 17Jul23;  
*Protorthodes rufula*;  
*Raphia frater* 18Jul08; 21Jun29; 21Jul05;  
*Spiramater lutra* 18May19; 19Jun30; 19Oct14; 20Sep19;  
*Sunira decipiens* 17Sep18; 19Sep17; 19Sep19; 19Sep23; 19Oct04; 19Oct15; 19Oct21;  
 19Oct24; 19Nov01; 19Nov05; 19Nov06; 20Sep24; 20Sep25; 20Oct07;  
 20Oct09; 20Oct10; 20Oct16; 20Oct20; 20Nov04; 21Nov28; 22Sep28;  
*Sunira verberata* 19Oct21;  
*Sympistis dunbari* 18Aug24;  
*Sympistis semicollaris* 15Jun12;19Jun22;  
*Sympistis wilsoni* 21Aug01;  
*Syngrapha epigaea*19Aug22;  
*Syngrapha rectangula* 20Aug08; 20Aug17;  
*Syngrapha viridisigma*15Aug29; 20Aug20;  
*Trichoplusia ni* 17Sep11; 17Sep28; 17Sep29; 17Oct01;  
*Trichordestra liquida*19May30;20May24; 20June11; 20June18;  
*Ufeus satyricus* 17Mar13;20Apr21; 24Apr08;  
*Xylena curvimacula* 15Mar27; 17Sep22; 23Sep06;  
*Xestia finatimis*18Aug20;18Sep20;19Sep08; 19Sep10; 19Sep12; 19Sep17; 19Sep18;  
 19Sep19; 19Sep19; 19Sep23; 19Sep24; 20Aug26; 20Aug27; 20Aug31;  
*Xylena nupera* 12Apr09; 14Mar10; 15Mar27;  
*Xestia xanthographa* 14Aug22;15Aug22; 17Sep15; 20Sep04; 20Sep10; 21Sep04;  
 22Aug18; 22Aug20; 22Aug27; 22Aug30; 23Sep07;  
*Xestia* sp. 17Sep18;  
*Zothea tranquilla* 10Jun10; 10Jul05; 11Jul18; 12Jul08; 13Jun05; 13Jun27; 15May19;  
 19Jun02;20May19; 21Jul07; 21Jul12; 21Jul13; 21Jul16; 22Jun17;  
 22Jul06; 22Jul21; 22Aug05; 23Jun29;  
 Unidentified noctuid 12Aug20; 13Oct07; 15Aug29;15Dec05;  
 Unidentified plusiine 11Apr24  
 Unidentified four caterpillars 16Oct04;

#### NOLIDAE

*Meganola minuscula*14May16; 21May 29; 21May17;  
*Nola minna* 11May03; 12Apr09; 14Apr27; 18Apr25; 20Apr13; 20Apr29; 23Mar30;  
*Nycteola cinereana* 10Aug07; 14May16; 16Jun15; 16Jul13; 16Jul19; 19Jul01; 21Jul04;  
*Nycteola columbiana* 15May13;  
*Nycteola frigidana* 10Jul22; 10Jul23; 10Aug06; 13Jul17; 13Jul17; 15Jun09; 15Jun15;  
 15Jun25; 20Aug16; 20Aug17; 21Jun25; 23Jun18;  
*Nycteola* sp. 18Jul07;

#### NOTODONTIDAE

*Clostera apicalis* 19Jun29;20June10;  
*Furcula scolopendrina* 10Aug03; 10Aug13; 15Jul11; 18Jul09; 19May31; 19Aug06;



19Nov22; 20Jul26; 21Jul02; 21Jul16;  
*Gluphisia severa* 14Apr03;15Apr11;16Apr16; 18May21; 21Apr20; 22May04;  
*Nadata gibbosa* 14Jun08;15May24;15Aug12;15Sep10;16May13;16Sep20;17June30;  
 17Aug29; 17Aug31; 17Sep14;17Sep17; 18May21;18Jun04; 18Jul02;  
 19May23; 19Jun24; 19Sep08; 19Sep23;19Sep29; 20May20;0May27;  
 20June18; 20Jul15; 20Jul21; 20Aug26; 21May17; 21Jun02; 21Aug12;  
 22Jul25; 23May27;  
*Oligocentria pallida*18Jul09; 19Jul27; 20Jul26;20Aug09;  
*Oligocentria semirufescens*19Jul03;  
*Pheosia rimosa/californica* 15Jul25; 17Sep20; 17Sep23; 18Apr20;19May06; 19May30;  
 21Jun03;  
*Schizura ipomoeae* 17Sep02; 18Jun14; 18Aug04; 19Jun29; 19Jul06; 19Jul20; 19Jul27;  
 19Jul28; 19Aug11; 19Sep26; 20Jul26;  
*Schizura unicornis* 10Oct03; 12Aug12;14Oct07; 17Sep11; 17Sep22; 18Jul11; 19Jul10;  
 20Jul30;

#### NYMPHALIDAE

*Aglais milberti* 10Jul29; 13Apr23; 13Apr28; 13May01; 13May08; 13Jun02; 13Jun08;  
 13Jul03; 13Jul09; 13Jul22; 14Apr03; 15June17; 15Jun24; 15Jun30;  
 16May10;16June28; 23May07; 23May18; 23Jul06;  
*Boloria epithore* 11Sep09; 13Jul09; 13Jul23; 15June17; 15Jun19; 15Jun22;15Jun23;  
 16Jun07; 16Jul04; 16Jul17; 17Jun25; 18Jun23; 18Jul05; 18Aug01;  
 19Jun17; 19Jul22; 20Jul16; 21Aug12;  
*Cercyonis pegala* 11Sep10; 12Aug06; 12Aug22; 13Jul27; 15Jul20;17Aug16;18Aug21;  
 19Jul26; 19Aug02; 19Aug06; 22Aug24;  
*Coenonympha tullia* 10Jun16; 10Jun22; 11Jun09; 12May28; 12Aug22; 13Jun01;  
 14May29; 15May13; 15Aug08; 15Aug13; 15Aug21; 16May10; 16May30;  
 16Jul30; 16Aug28; 16Sep05; 17May19; 17Jun05; 17Jun14; 18May16;  
 18May18; 18May23; 18Jun12; 18Jun19; 18Jun23; 18Aug06;18Aug18;  
 19Apr06; 19May09; 19Aug05; 20Jun01; 21June27; 22Jun21; 22Sep05;  
 22Sep06;  
*Danaus plexippus* 11Aug11;20Nov25;  
*Dryas julia* 23Nov08;  
*Euphydryas editha* 16May08; 16May19; 18May16;  
*Limenitis lorquini* 10May15; 10Jun01; 10Jun10; 10Jun17; 10Jul03; 10Aug10  
 11May24; 11Jul06; 11Aug02; 11Aug26; 12Jul05; 12Sep09;  
 12Sep14; 13May27; 13Jun08; 13Jun11; 13Jun12; 13Jul01;  
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 18Jun12; 18Jun14; 18Jun15; 18Jun19; 18Jun20; 18Jun28; 18Jul05;  
 18Jul11; 18Aug04; 19May15;19May17; 19May18; 19May27;  
 19Jun11; 19Jun14; 19Jul01; 19Jul05; 19Jul13; 19Jul17; 19Jul28;  
 19Sep07; 20Jul05;20Jul06; 20Jul16; 20Jul19; 20Jul29; 20Aug21;

20Aug31; 20Sep20; 21May08; 21Jun02; 21Jun24; 21Jun26;  
 21Jun30; 21Sep03; 21Sept06; 22Jun25; 22Jul06; 22Jul07;  
 22Jul10; 22July11; 22Jul20; 22Jul21; 22Jul23; 22Aug04;  
 22Aug08; 22Sep12; 22Oct02; 22Oct06; 23Jun01; 23Jun03;  
 23Jun07; 23Jun12; 23Jun20; 23Jun23; 23Jun26; 23Jul07; 23Jul21;  
 23Jul31; 23Sep17;

*Morpho peleides* 14Sep18;

*Nymphalis antiopa* 10Jun07; 11Jun12; 11Jul07; 12Apr20; 12Sep08; 13Mar27;  
 13Apr16; 13Apr22; 13Apr25; 13May01; 13May04; 13Jun01; 13Jun06;  
 13Sep13; 13Oct09; 14Feb28; 14Apr07; 14Apr11; 14Jun08; 16Mar28;  
 16Mar30; 16Mar31; 16Apr09; 16Apr30; 16Nov09; 18Apr23; 18Apr26;  
 18Apr27; 18Sep28; 19Mar20; 20Mar21; 20Apr09; 20May15; 20May16;  
 21Apr10; 21Apr20; 21Apr25; 21May03; 21Jun21; 21Jul14; 21Sep03;  
 22Mar06; 22May20; 22Sep16; 22Sep20; 23Mar19; 23Mar29; 23Mar30;  
 23Apr26; 23 May01; 23May07; 23May12; 23May13; 23May17; 23May18;  
 23May19; 23Jun03; 23Jun07; 23Jun16; 23Jun21; 23Jun23; 23Jun28; 23Jul02;  
 23Jul04; 23Jul11; 23Aug08; 24May15; 24Mar17; 24Mar 18; 24Mar19;

*Nymphalis californica* 10Mar26; 10Apr20; 13Apr05; 13Apr22; 15Apr10; 15Apr21;  
 15May04; 15May15; 16Mar05; 16Mar31; 16April21; 16Apr23;  
 16May16; 17Apr17; 17Apr30; 18Apr19; 18Apr22; 18Apr25;  
 18Apr27; 18May06; 19Mar20; 19Mar21; 19May07; 19Jul25;  
 19Nov17; 20Mar12; 20Mar19; 20Mar20; 20Apr07; 20Apr18;  
 20Jun14; 20Jun24; 20Jul07; 21Mar30; 21Apr05; 21Apr13;  
 21Apr15; 21Apr16; 22Mar05; 22Mar30; 22May02; 22May20;  
 23Apr12; 23Apr26; 23May13; 23May18; 23May20; 23May21;  
 24Mar17; 24Mar18;

*Oeneis nevadensis* 12Jul05; 12Jul10; 13Jul09; 15Jun19; 15Jul20; 16Jul17; 17Jul24;  
 19Jul23; 19Jul31; 20Jul16; 20Jul19; 20Aug04; 22Aug24; 23Jul24;

*Phyciodes mylitta* 10Aug07; 10Aug12; 12Jul26; 12Aug08; 12Sep17; 13Apr28; 13Jun01;  
 13Jun02; 13Jul28; 14May21; 15Jul03; 15Jul14; 15Aug03; 15Aug21;  
 15Sep03; 16Apr30; 16May08; 16May11; 16May19; 16Jun07; 17Jun29;  
 18May15; 19Jul04; 19Aug06; 20May27; 20Aug17; 21May15; 21May23;  
 21Aug03; 21Aug19; 21Sep26; 22Jul04; 23Jul14; 23Jul18; 23Jul29;

*Phyciodes pratensis* 13Jun01; 15Jun11; 15Jun21; 17Jun07; 17Jun10; 17Jun11; 17Jun14;  
 17Jun20; 18May23; 18Jun19; 19May18; 19May30; 19Jun03;  
 19Jun11; 20Jun07; 21Jun21; 23Jun06; 23Jun08; 23June09;

*Polygonia faunus* 12Apr11; 12Apr24; 12May14; 12Aug04; 13Apr02; 13Apr16;  
 13Apr22; 13May01; 13May30; 14Apr03; 14Apr11; 14Apr15;  
 14Apr20; 14Jul06; 15Feb25; 15May05; 16Apr02; 16Apr08;  
 16Apr26; 16May03; 17May24; 17May26; 17Aug28; 17Sep29;  
 18Apr20; 18Apr22; 18May07; 18Sep09; 19Mar18; 19Mar21;  
 20Apr09; 20May09; 21Apr15; 21May16; 21May26; 21June05;  
 21Jun09; 21Jun20; 22Mar06; 22Apr 25; 22Jul04; 23Mar29;  
 23Apr26; 23Jun13; 24Mar18;

*Polygonia gracilis* 11Sep09; 12Sep08; 12Sep17; 13Apr14; 13Jul22; 14Jul17; 15Jun02;  
 15Jun05; 16May08; 16Jul17; 17May07; 17Jun25; 17Jun27;

- 17Aug23; 17Aug28; 17Sep06; 18May07; 18May13; 18Sep09; 19May10;  
19Jun17; 21Aug12; 22Jun30; 22Aug24; 23Mar19;
- Polygonia oreas* 12Oct05; 19Mar23; 19Mar25; 20Apr13; 20Apr14; 21Apr16; 21Apr20;  
21Sep26;
- Polygonia satyrus* 10Apr06; 10Jun17; 10Jun21; 10Jul02; 10Jul14; 11Apr20  
11Apr25; 11May31; 11Jun21; 11Jun25; 11Jul03; 11Jul22; 12Mar25;  
12Mar27; 12Apr15; 12Apr17; 12Apr21; 12Jun20; 12Aug04; 12Sep03;  
13Apr23; 13May30; 13May31; 13Jun01; 13Jun08; 13June15; 13Jun16;  
14Mar28; 14Apr15; 14Jun01; 14 Jul26; 14Jul30; 14Aug12; 15Feb15;  
15Feb24; 15Mar10; 15May28; 15Jun08; 15Jul09; 16Apr29; 16Jun14;  
16June21; 16Jul01; 17April21; 18Apr22; 18May21; 19Mar20; 19Mar26;  
19May24; 19Jun11; 19Jun21; 19Jun26; 19Jul05; 19Jul07; 19Jul12; 19Jul13;  
19Jul26; 20Mar12; 20Mar17; 20Mar19; 20Mar21; 20Apr07; 20May21;  
20May 22; 20May27; 20Jun29; 21Mar27; 21Apr12; 21Apr15; 21Apr17;  
21May10; 21May26; 21Jun09; 21Jun20; 21Jun28; 21Jul15; 21Jul29; 21Aug05;  
21Aug24; 21Oct01; 22Apr06; 22Jun25; 22Jul09; 22Jul20; 23Apr26;  
23May13; 23Jun10; 23Jun16; 23Jun26; 23Jun28; 23Jul02; 23Jul04; 24Mar15;  
24Mar17; 24Mar 18;
- Polygonia* sp. 12Aug19; 13Jul04; 16Jun04; 18Apr01; 19Apr21; 19May01;
- Speyeria hydaspe* 12Sep17; 12Oct05; 13Jun18; 13Jul03; 13Jul09; 15Jun21; 15Jul20;  
15Aug03; 15Aug14; 16June17; 18Jun17; 18Jul30; 18Oct09; 19Jun17;  
19Jul22; 19Jul23; 20Jul13; 20Jul14; 20Jul16; 21Aug12; 23Jul14; 23Jul24;
- Speyeria zerene* 19Jul26; 19Aug11;
- Speyeria* sp. 15Jul08;
- Vanessa annabella* 13May20; 15May09; 15May10; 15May15; 15May19; 16May12;  
16May13; 16May16; 16June21; 17Jun16; 17Aug07; 17Oct29;  
22Jul08; 23May18; 23May22; 23May29; 23Jun03; 23Jun05;  
23Jul03; 23Jul24; 23Sep08;
- Vanessa atalanta* 10Jul22; 10Aug06; 11Jul16; 11Jul21; 11Aug01; 13Jul06; 13Jul12;  
14Jun01; 14Jul10; 15Apr30; 15May10; 15May28; 15Jun08; 15Jun12;  
15Jun22; 15Jul29; 15Aug08; 15Aug14; 15Aug15; 15Nov03; 16Apr01;  
16Apr08; 16Apr23; 16May12; 16May 13; 16Jun11; 16Jun19; 16Jul07;  
17Jun05; 17Jun07; 17Jun14; 17Jun26; 17Jul31; 17Aug07; 18May09;  
18Jun27; 18Jun28; 18Sep01; 18Sep04; 18Sep08; 18Sep18; 18Oct11;  
19Jul08; 19Jul12; 19Jul21; 19Sep19; 19Sep25; 20Jun07; 20June26;  
20Jun29; 20Jul04; 20Jul13; 21Jun25; 21Jun27; 21Jul04; 21Jul11;  
22May09; 22Jul06; 22Jul09; 22July11; 22Jul15; 22Jul25; 22Jul29;  
22Aug02; 22Sep21; 23May13; 23May18; 23May20; 23May21; 23May26;  
23Jun03; 23Jun05; 23Jun07; 23Jun13; 23Jul04; 23Jul11; 23Jul12;  
23Jul14; 23Jul19; 23Jul22; 23Jul24; 23Aug08; 23Aug17;
- Vanessa cardui* 10Nov13; 11Jun02; 11Aug01; 12Jun30; 12Sep14; 12Sep17; 13May20;  
13Jun04; 14May12; 14May29; 14Jun08; 14Jul10; 14Sept27; 14Oct07;  
15Apr21; 15May04; 15May15; 15Jul20; 15Sep18; 15Sep24; 15Oct16;  
16Apr20; 16May16; 16June21; 16June22; 17May07; 17May08; 17May30;  
17Jun05; 17Jun14; 17Jul26; 17Aug14; 17Aug15; 17Aug28; 17Sep04;  
17Sep11; 17Sep13; 17Sep16; 17Sep17; 17Sep22; 17Sep25; 17Oct10;

17Oct29;17Nov02;18May09; 18May25; 18Jun15; 19Apr17; 19May10;  
 19May19; 19Jun08; 19Jun27; 19Jul01; 19Jul05; 19Jul08; 19Jul11;  
 19Jul24; 19Jul26; 19Aug01; 19Aug05;19Aug31; 19Sep02;19Sep03;  
 19Sep11; 19Sep19; 19Sep25; 19Oct28; 20May07; 20May10; 20May15;  
 20May19; 20May27; 20Jun24; 20Jul01; 20Aug04; 20Aug07; 20Aug08;  
 20Sep10; 20Oct02; 21May22; 21Jun18; 21June27; 22Jul06; 22July12;  
 22Jul25; 22Sep30; 22Oct02; 23May13; 23May17; 23May18; 23May20;  
 23May21; 23May29; 23Jun14; 23Jun16; 23Jun18; 23Jul03; 23Jul19;  
 23Jul24; 23Aug17; 23Sep04; 23Sep06;

*Vanessa virginiensis* 12Sep09;17Aug11; 17Sep16; 17Sep17; 17Sep22; 17Sep27;  
 17Sep29; 18Sep19; 20Nov10; 21Aug26; 21Sep25; 21Oct03; 21Nov02;  
 22Nov15; 22Nov16;

#### OECOPHORIDAE

*Endrosis sarcitrella* 10Sep17; 14Mar18; 16Apr08; 20May19; 23Jan04;  
*Hofmannophila pseudospretella* 12Nov08; 20Jun17; 21Jun26;22Jul30; 23Oct15;  
*Polix coloradella*15Jun01;

#### PAPILIONIDAE

*Papilio eurymedon* 10Jun05; 10Jul08; 11Jun23; 11Jul07; 12May31; 12Jul31; 14May21;  
 14Jun01; 15Jun07; 15Jun08; 15Jun23; 16Apr22; 16May05;  
 15Aug29;16Apr17;16May16;16Sep08; 16Sep16; 16Oct01; 17May14;  
 17May26;17Jun03; 17Jun13; 17Jun23; 17Jun25; 18May16; 18May17; 18May30;  
 18Jun17; 18Jun20; 18Jun28; 18Oct04; 19May07; 19Jun08; 19Jun11; 20May19;  
 20Jun01; 20Jul05; 20Jul10; 21Apr29; 21May27; 21May30; 21Jun20; 22Jun10;  
 22Jun23; 22Jun25; 22Jul05; 22Jul06; 22Jul09; 22Jul25; 23May20; 23May21;  
 23May25; 23Jun06; 23Jun07; 23Jun12; 23Jun13; 23Jun24;

*Papilio rutulus* 10Jun05; 10Jun07; 10Jun22; 10Jul08; 10Jul26; 10Aug13; 11Jun15  
 11Aug03; 11Sep30; 11Oct15; 11Oct25; 12Jul10; 12Jul13; 13May19;  
 13Jun06; 13June09; 13Jun23; 13Jun23; 13Jul02; 13Jul20; 14May29;  
 14Jun01; 14Jul03; 14Aug06; 14Aug16; 15Jun03; 15Jun07; 15Jun08;  
 15Jun11;15Jun14; 15Aug04; 15Aug15; 15Sep12;16May13;16Jul06;  
 17May31; 17Jun10; 17Jun26;17Jun28; 17Jul03; 17Jul23;17Jul28; 17Aug10;  
 17Aug24;18Mar08; 18May27; 18Jun01; 18Jun02;18Jun06; 18Jul02; 18Jul22;  
 18Oct04; 20May17; 20May19; 20May27; 20Jun01; 20Jun22; 20Jul01;  
 20Jul07; 20Jul16; 20Jul17; 20Aug01; 20Aug02; 21Mar05; 21Mar11;  
 21May20; 21Jun18; 21Jun20; 21Jul04; 21Jul11; 21Aug02; 21Aug03;  
 21Dec29; 22Jul09; 22Jul31; 23May21; 23May22; 23May 26; 23May28;  
 23Jun12; 23Jun13; 23Jun18; 23Sep04; 23Sep07;

*Papilio zelicaon* 10Apr21; 10Jul08; 11Jun02; 12Jun17; 13Jun18; 13Jul16;13Jul25;  
 14Jun08; 15May04;15Jun21; 15Jul13; 15Jul20; 15Jul24; 15Jul29; 17May26;  
 17Jun14; 17Jun24; 17Aug15; 18May05; 18Jun19; 18Aug06;19Jun03;  
 19Aug05; 20Apr16;20Jun02; 20Aug04; 20Sep19; 20Sep23; 20Sep28;  
 21May20; 21May23; 21May25;21Jun08; 21Jul29; 22Jul06; 22Jul09;  
 22July11; 22Aug15; 22Aug24; 23May18; 23May21; 23Jun02; 23Jun06;  
 23Jul14; 23Jul21; 23Jul24

*Parnassius clodius* 13Jun15; 13Jul22; 14Aug06; 15Jun02; 15Jul18; 16Jun07; 16Jun17;  
16Jul24; 18Jun23; 19Jun16; 19Jun17; 20May27; 20Jun21; 20Jun23;  
20Jun29; 20Jul04; 20Jul14; 20Sep20; 23Jun13;

*Parnassius smintheus* 14Aug06; 16Jul04; 20Jun28;

#### PIERIDAE

*Anthocharis sara* 10Mar26; 10Apr28; 11Jun12; 12Apr17; 12Apr18; 13Apr08; 13Apr23;  
13May05; 13May19; 13Jul03; 13Jul10; 14Apr20; 14May19;  
14Jun01; 15Mar14; 15Mar27; 15Mar28; 15Apr09; 15Oct05;  
16Apr26; 17Apr17; 17May23; 18Apr18; 18May07; 18Jun16;  
19Jan22; 19May07; 19May12; 19Jun17; 20Apr13; 20Apr18;  
20May07; 21Apr 18; 22Apr06; 22May25; 22Jul04; 23May18;  
24Apr11;

*Colias eurytheme* 14Aug22; 14Aug25; 14Sep07; 17Aug14; 17Aug17; 17Aug18; 17Sep03;  
17Sep04; 17Sep11; 17Sep16; 17Oct10; 20Sep21; 20Sep22; 22Sep20;  
22Oct08;

*Colias occidentalis* 13Jul14; 16Jul04; 19Jun17; 22Sep20; 22Sep21;

*Colias philodice* 21Aug22; 21Oct07; 22Sep30; 22Oct03;

*Colias* sp. 14Jul22; 17Sep25; 20Sep22; 23Aug08; 23Aug23;

*Neophasia menapia* 10Aug15; 11Aug14; 11Aug17; 11Aug14; 11Aug16; 11Aug26  
11Aug29; 12Aug06; 13Jul21; 13Jul28; 15Jul02; 15Jul08; 15Sep03;  
15Sep06; 16Jul26; 17Aug04; 17Aug05; 17Aug06; 18Jul16;  
18Jul17; 18Jul27; 18Aug06; 18Aug08; 18Aug10; 19Aug03;  
20Aug01; 20Aug05; 20Aug12; 20Sep04; 21Aug07; 21Aug09;  
22Aug16; 23Aug15; 23Sep09;

*Pieris marginalis* 10Jul26; 10Aug03; 11Jul07; 13Apr08; 13Apr25; 13Jun16; 15Aug29;  
17Jun29; 18Jun23; 18Jun27; 18Jul09; 19Jun17; 20Aug17; 21Apr24;  
21May14; 21Aug17;

*Pieris rapae* 10Apr06; 10Apr21; 10Aug03; 10Aug12; 10Aug17; 10Oct 24; 11Jul05  
11Jul08; 11Jul18; 12Apr14; 12Aug11; 13Jun06; 13Jun08; 13Jun21; 13Jun28;  
13Jul02; 13Jul06; 13Jul14; 13Oct07; 14Apr28; 14May16; 14Jun01; 14Oct28;  
15Mar08; 15Jun08; 15Jul25; 15Sep13; 15Sep30; 15Oct03; 15Oct09; 15Oct16;  
15Oct22; 16Mar25; 16Apr28; 15Aug29; 16Apr17; 16May16; 16Sep11; 16Sep16;  
16Oct 29; 16Nov04; 16Nov09; 16Nov12; 16Nov15; 17Mar29; 17Apr30;  
17May02; 17May27; 17Jun26; 17Jul03; 17Aug15; 17Aug23; 17Sep11;  
17Sep16; 17Sep26; 17Sep27; 17Oct01; 18Apr01; 18Apr20; 18May18;  
18May24; 18May26; 18Jun02; 18Jun28; 18Aug06; 18Aug18; 18Sep32;  
18Oct24; 18Oct26; 19Apr21; 19May01; 19May27; 19Jun12; 19Aug01;  
19Aug28; 19Sep02; 20May07; 20May10; 20Jul16; 21Feb09; 21Apr16;  
21Oct30; 21Dec28; 22Sep02; 22Oct10; 22Oct12; 23Apr26; 23May05;  
23May23; 23May30; 23Jul07; 23Jul15; 23Aug08; 23Sep02; 23Sep04;

#### PLUTELLIDAE

*Eucercatia castella* 10Apr10; 10Jun14; 11May18; 12May01; 12Jun25; 18May05;  
19May01; 20Jun05; 21May19; 22May24; 23May30; 23Jul03

*Eucерatia securella* 12May04; 15Apr16; 16Apr13; 16Apr19; 16Apr28; 22May12;  
*Plutella xylostella* 12Oct19; 12Oct28; 14Aug12; 15Aug28; 15Sep04; 15Sep06; 16Mar25;  
 19Apr29;  
*Rhigognostis interrupta* 14Mar28;  
*Ypsolopha canariella* 18Jul15; 20Jul27; 20Aug16; 22Jul14;  
*Ypsolopha falciferella* 14Feb12;  
*Ypsolopha ochrella* 20Jun21;  
 Unidentified plutellid 20May19; 24Feb10;

#### PSYCHIDAE

*Psyche casta* 19Jun11; 19Jun26; 19Jun27;

#### PTEROPHORIDAE

*Amblyptilia pica* 18Aug13; 18Aug28; 19Jul01; 20Aug28; 20Oct07;  
*Emmelina monodactyla* 10Aug18; 12Sep15; 13Jun24; 13Jul08; 13Oct07; 15Feb07  
 17May13; 15Mar08; 15Mar16; 16Jul09; 17April19; 17May13; 17Sep03;  
 18Aug17; 18Nov21; 19Jul07; 19Jul25; 19Aug31; 20Feb25; 20May27;  
 20Aug26; 20Aug27; 22Mar28; 22Jul06; 22Aug15; 22Aug25; 22Sep08;  
 22Sep19; 22Nov25; 23Apr07; 23Apr10; 23Apr12;  
*Hellinsia homodactylus* 20Jul05;  
*Platyptilia carduidactyla* 19Aug28; 19Sep11; 19Sep12; 19Oct01; 19Oct04; 20Aug31;  
 20Sep28; 20Oct17;  
 Unidentified 12Aug22; 15Jul06; 17Apr01; 18Sep13; 19Aug20; 20Jun21;

#### PYRALIDAE

*Aphomia sociella* 22Jul09;  
*Arta epicoenalis* 15Jul12;  
*Dioryctria* sp. 19Aug29; 21Aug26;  
*Ephesiodes gilvicentella* 19Jul03;  
*Oreana unicolorella* 14Sep18; 14Sep23;  
*Plodia interpunctella* 12Nov19; 15Sep14; 16May04; 16Oct05; 17Dec21; 22Mar13;  
*Euzophera semifuneralis* 15May 26;  
*Euzophera* sp. 15Sep08;  
*Myelopsis subtetricella* 19Jun25;  
*Sarata caudellella* 16Mar30; 18Mar18, 18Mar22; 18Mar23;  
*Vitula serratilineella* 23Jul28;  
*Vitula* sp. 22Jan15;  
 Unidentified scopariine 19Jun29;  
 Unidentified 20Apr16; 20Apr17;

#### SATURNIIDAE

*Antheraea polyphemus* 10Jul16; 11Jul05; 12Jul07; 12Sep07; 12Sep11;  
 13Jun16; 14May23; 14Jul10; 14Aug25; 14Sep18; 15May18; 15May25; 15Jun25;  
 16Sep16; 16Sep19; 17Jun04; 17Jun27; 18Mar02; 18Apr03; 18Jun04; 18Jun07;  
 18Oct11; 19May23; 20Feb24; 20May15; 20Jun20; 20Aug30; 21Jun21; 22Jul21;  
 23Jun22;  
 23Jun28;

*Hemileuca eglanterina* 10Sep28; 11Aug05;15Jul01; 15Jul08;15Jul09;16Jun05; 16Jul07;  
17Jul01;18May01; 18Jun06; 18Jul14; 18Jul25; 18Jul28;19May04;  
19Jun06; 19Jun12; 19Jul02; 19Aug10; 20May05; 20Jul06;  
20Jul07; 20Jul12; 20Jul16; 20Jul24; 21Apr04; 21Apr05;21Apr18;  
21Apr22; 21May10;21Jun06; 21Jun18; 21Jun25; 21Jun30;  
21Jul06; 22May26; 22Sep17; 23Jun16; 23Jun20; 23Jun23;  
23Jun24; 23Jul01;

*Hyalophora euryalus* 10Jun04; 13Apr28; 13May08; 13May29; 14May16;15Apr24;  
15May20; 16Apr12; 16Apr23;17Aug05; 18May12; 19Apr29;  
19May 10;19May12; 19Jun27; 20Apr27; 20Apr29;20May01;  
21Apr17; 21Apr25; 21May20; 21Jul29; 22May06, 22May08;  
22May27; 22Jun12; 22June15; 22Jun20; 22Jun25; 22Jul13;  
22Dec01; 23Apr29;

#### SCHRECKENSTEINIIDAE

*Schreckensteiniella festaliella*15Jun15; 20Apr20;

#### SESIIDAE

*Albuna pyramidalis* 14Aug16;

*Paranthrene robiniae* 11Aug26;

*Pennisetia marginata* 20Aug28; 20Aug29; 20Sep14;

*Synanthedon bibionipennis* 17Jul26; 17Aug02; 19Jun29; 20Aug18; 23Jun27;

*Synanthedon myopaeformis* 20Jun15;

*Synanthedon novaroensis* 14Jul10;

#### SPHINGIDAE

*Hemaris thetis* 16May24; 16Jun10;

*Hyles gallii* 17Aug10; 19Jun12; 19Jul12; 19Aug26; 19Sep11; 19Sep18; 21Jul12;  
21Jul23; 22June30;

*Hyles lineata* 14Jun30; 14Aug25; 14Aug29;14Sep01; 14Sep13;14Oct20; 15May20;  
15Jun24;17Apr17; 17Jun22; 17Sep03; 17Sep04; 17Sep13;17Oct08;  
18Jul15; 18Jul25; 18Aug10; 19Sep11; 21Jul12; 21Jul23; 21Aug11;

*Paonias excaecatus*14May16; 15Sep14; 19Jun12; 20May16; 20Jun22; 21Jun16;  
21Aug02;

*Proserpinus flavofasciata* 16May16; 18Jun01;

*Smerinthus ophthalmica* 10Sep28; 11Jul25; 12Jul08; 12Aug23; 13May16; 13Jun27;

13Jul19;13Jul20;13Aug23;14May23;15May17;15Aug19;15Sep02;15Oct04;

16Apr28; 16Aug28; 16Sep16; 16Sep26; 17May02; 17May10;

18Mar31; 18May21; 18Jul09; 18Sep14; 19Jul02; 19Jul03; 19Jul05; 20May16;

20Jul22; 20Jul24; 20Jul27; 21May08; 21May14; 21May17; 21May20;

21Jun29; 21Aug23; 22Jul17;22Jul26; 22Aug01; 22Aug15; 22Aug20; 22Aug24;

22Aug29; 22Sep07; 22Sep17; 22Sep17; 22Sep23; 23May12;23May15; 23May28;

*Sphinx perelegans* 10Aug13; 14Jun08;15Jun11; 15Jun25; 16Jul14; 17Jun07; 17Jun08;

17Jun13; 17Jul30;18Jul27; 20Jul27;

## SYMMOCIDAE

*Oecogonia novimundi* 19Aug02;  
*Oecogonia quadripuncta* 13Sep01; 15Jul03;

## TISCHERIIDAE

*Tischeria* sp. 15May14;

## TINEIDAE

*Phereoeca uterella* 17May29; 20Oct04; 20Oct22; 21Nov01;  
*Tinea pelliionella* 12Dec23;  
*Tineola bisselliella* 11Jul07; 12Jun01; 12Dec25; 15Aug13; 17May06; 18Feb02; 18Feb22;  
 19Feb22; 19Apr19; 20Apr20; 21Mar06;

## TORTRICIDAE

*Acleris albicomana* 11Jun16; 18Jun13; 21Jul24; 23Jul03  
*Acleris britannia* 15Mar16;  
*Acleris cornana* 16Oct26;  
*Acleris forsskaleana* 18Feb21;  
*Acleris fragariana* 14Sep07;  
*Acleris gloverana* 10Aug13; 17Sep03; 19Jul24; 20Oct03;  
*Acleris maccana* 17Mar24;  
*Acleris maximana* 16Feb12;  
*Acleris minuta* 10Aug05;  
*Acleris nivisellana* 14May16;  
*Acleris rhombana* 13Oct15; 14Sep18; 18Feb21; 22Oct12; 22Oct18; 23Sep02; 23Oct02;  
 23Oct15;  
*Acleris variegana* 18Feb21; 22Aug06; 22Aug25; 23Aug19;  
*Acleris* sp. 14Mar08; 18Feb05; 20Apr28; 23Jan14;  
*Amorbia cuneanum* 18Jul09; 19Jul16; 19Jul16; 19Jul21; 20Jul31; 20Aug08; 21Jul09;  
*Ancylis apicana*: 13Sep23;  
*Ancylis* sp. 15Jun30;  
*Archips podana* 11Jul04;  
*Archips rosana* 11Jul04; 15May26; 15Jun15; 15Jun30; 18Jun13; 19Jul01;  
*Argyrotaenia franciscana* 15Apr29; 15May26; 15Sep08; 16Apr13; 18May18; 20May09;  
*Choristoneura freemani* 17Aug26;  
*Choristoneura rosaceana* 10Jul16; 11Jun14; 12Sep07; 13Jun05; 13June09; 13Jun11;  
 15May26; 15Jun06; 17Jul24; 18Jul02; 19Jul09; 20Jul24;  
 21Jun07; 22Jul25; 23Jun11; 23Jul13; 23Aug29;  
*Choristoneura occidentalis* 21Jun25;  
*Clepsis spectrana* 18Feb21;  
*Cnephasia longana* 21Jun07;  
*Cydia nigricana* 15Jul14;  
*Cydia pomonella* 17Aug29; 19Jun01;  
*Dichrorampha vancouverana* 13Jul14; 15Jun30;



*Ditula angustiorana* 11Jul07; 22Jun06; 23Jun29;  
*Eana* sp. 15Jun30;  
*Enarmonia formosana* 21Jun28;  
*Epinotia emarginana/solandriana* 17Apr21; 20Mar07;  
*Eucosoma amphorana* 16May16;  
*Eucosma derelicta* 15Jul12;  
*Grapholita lunatana* 11Apr23  
*Grapholita* sp. 15May13;  
*Hedya nubiferana* 11Jun07; 14May16; 18Feb21; 18May27; 19May02; 19May16;  
 20May25; 23Jun01;  
*Hedya ochroleucana* 23Jul01;  
*Olethreutes albiciliana* 15May26;  
*Olethreutes appendiceum* 18Feb21;  
*Olethreutes electrofuscum* 18Feb21;  
*Olethreutis glaciana* 12Aug14; 17May16; 17May26;  
*Olethreutes punctata* 15Sep08;  
*Pandemis cerasana* 13May23; 14Jun01; 15Jun29; 18Jul11;  
*Pandemis limitata* 20June26;  
*Pandemis* sp. 11Jun14;  
*Phiaris glacialis* 21May28;  
*Retinia picicolana* 16April21;  
*Rhyaciona buoliana* 15Jul11;  
*Syndemis afflictana*?? 12Dec03;  
*Zeiraphera canadensis* 20Jul05;  
 Unidentified 11Jul26; 13Jun08; 15Jun01; 20Apr17; 21July19; 23Jun08;  
 Unidentified olethreutine 23Jul01

#### URANIIDAE

*Callizzia amorata* 13Aug04; 17May30; 18Jul16; 18Aug05; 19Jun29; 19Jul05; 20Jun09;  
 20Jul15; 20Jul24; 20Aug10; 21Jul21;

#### YPONOMEUTIDAE

*Eucalantica polita* 22Feb18;  
*Swammerdamia pyrella* 15Jul12;  
*Yponomeuta malinellus* 19Jun14;  
*Yponomeuta padella* 10June08; 10Jun28; 13Jun24; 14Jun01; 14Jul20; 20Jul07;  
*Yponomeuta* sp. 22Aug17;  
 Unidentified pyraloid 12Oct16;  
 Unidentified moths 13Jul14; 13Jul23;

### Mantodea

#### MANTIDAE

*Mantis religiosa* 23Sep22;

### Megaloptera

#### CORYDALIDAE

*Dysmicohermes disjunctus* 19Jun24; 20Jul29;  
*Protochauliodes spenceri* 20Jul27;

## Microcoryphia

### MACHILIDAE

*Pedetontus saltator* 22Aug27; 22Oct21; 22Oct23; 23Apr24; 23Jun18; 23Aug24;  
 Unidentified 15Jun06; 20Sep19; 20Oct08; 21Mar15;

## Neuroptera

### CHRYSOPIDAE

*Chrysopa* sp. 10Jun16; 12Jul07; 15Jun30; 16April22; 18Apr27;  
*Chysoperla carnea* 23Aug28;  
*Chrysoperla rufilabris* 23Jun26;  
*Chrysoperla* sp. 19Jul24; 23Aug21;  
*Nothochrysa californica* 14Apr11; 16Apr17; 17Apr27;  
 Unidentified 10Aug31; 11Jun13; 18Oct10; 20May17; 20Jul30; 21Jun02; 23Dec09;

### CONIOPTERYGIDAE

Unidentified 23Sep17;

### HEMEROBIIDAE

Unidentified 10Aug23; 13Aug27; 15Jun30; 16May01; 18Mar11; 18Mar24; 20May06;  
 22Aug25; 22Oct21;

### MYRMELEONTIDAE

*Myrmeleon exitialis* 13Aug04; 20Sep09; 21Jul16;  
 Unidentified 13Jul29; 20Aug07;

## Odonata

### AESHNIDAE

*Aeshna canadensis* 10Jul30; 11Aug14;  
*Aeshna interrupta* 10Jul30; 11Aug14; 22Sep13;  
*Aeshna palmata* 12Sep24; 12Sep26; 12Sep30; 12Oct03; 12Oct06; 12Oct16; 13Aug27;  
 16Oct05; 19Sep19; 20Aug14; 20Aug28; 20Sep23; 21Sep27; 22Jul20;  
 22Sep07; 23Jun06; 23Aug08; 23Aug28; 23Sep02; 23Sep05;  
*Aeshna palmata/umbrosa* 11Jul14; 11Sep11;  
*Aeshna umbrosa* 11Aug14; 11Aug14; 18Sep20; 22Sep13; 23Aug03; 23Aug12; 23Aug13;  
 23Sep02; 23Nov05;  
*Aeshna* sp. 19Aug02;  
*Anax junius* 10Jul14; 15Sep29; 19Jun14; 19Aug30; 20Aug12; 21Jun25; 22Jun26;  
 22Jul09; 22Sep12; 23Jun12; 23Jul08; 23Aug18;  
*Rhionaeschna californica* 10May 15; 11Jun07; 13Apr29; 13May14; 13Jun03; 13Jun11;  
 14May21; 15Apr29; 15Jun08; 16Apr18; 16Apr20; 16May01; 17May10;  
 17May13; 17May24; 17Jun01; 18May11; 19Apr29; 19Apr30; 19Jun14;  
 20Apr19; 21May18; 22Jun01; 23May04; 23May18; 23May23; 23May30;

*Rhionaeschna multicolor* 10Jun18; 10Jul20; 10Jul22; 10Jul31; 12Oct07; 13Jun24;  
 13Jun29; 13Jul01; 13Jul06; 13Jul09; 14May01; 15Jun10; 15Jun11;  
 16Jun25; 16Jul08; 16Jul28; 16Sep26; 17Jul04; 18Jun21; 18Jun22;  
 18Jun23; 18Jul02; 18Jul12; 19May27; 19Jul08; 19Aug28; 20Jul30;  
 22Jun26; 22Jul06; 22Jul09; 22Jul14; 22Jul31; 22Aug29; 22Sep12;  
 22Sep13; 23Jun25; 23Jul03; 23Jul07; 23Jul14; 23Jul22; 23Jul29;  
 23Aug01; 23Aug03; 23Aug09; 23Sep08;  
*Rhionaeschna* sp. 11Jul19;

#### COENAGRIONIDAE

*Amphiagrion abbreviatum* 13Jul02; 16Jun02; 20Jun29; 23Jul03  
*Enallagma annexum/boreale* 10Jun25; 17Jun10; 19Jul01; 19Jul31; 20May16; 20Jun07;  
 21June28; 22Jul13; 23June09; 23Aug03;  
*Enallagma carunculatum* 10Jul02; 10Aug23; 13Jun29; 13Jul09; 14May21; 14Jun01;  
 15Jun01; 15Jun15; 16Jun06; 16Jul08; 16Jul19; 17Jun01; 17Jun26;  
 17Jul27; 17Sep17; 18Jul03; 19Jul01; 19Jul17; 19Jul31; 20May27;  
 20Jun06; 20Aug05; 22May23; 22Jul05; 22Aug07; 22Sep21;  
 23May23; 23Jun03; 23Jun05; 23Jun06; 23Jun23; 23Jun25; 23Jul03  
 23Jul06; 23Jul08; 23Aug12;  
*Enallagma* sp. 16May03; 18May14; 19Sep02;  
*Ischnura cervula* 10Jul02; 11May20; 12May01; 13Apr23; 13Jul06; 14Apr24; 14May01;  
 14May13; 15Apr29; 15May17; 16Jul19; 17May06; 17Jun01; 17Jun26;  
 18Apr28; 18May14; 19Jul31; 19Aug01; 21May18; 22May23; 23Jun05;  
 23Jun25; 23Jun27; 23Jul14; 23Jul25; 23Aug17;  
*Ischnura erratica* 10May24; 15May22; 17May21; 23Aug09;  
*Ischnura perparva* 10Jul02; 13Jun11; 16Apr28; 19Jul31; 23Jul18;  
*Ischnura* sp. 13May01;  
 Unidentified 13Jun01;

#### CORDULEGASTRIDAE

*Cordulegaster dorsalis* 12Jul28; 17Aug25; 18Aug21; 19Jun27; 22Aug16; 22Aug19;

#### CORDULIIDAE

*Cordulia shurtleffii* 15Jun01; 15Jun08; 16May08; 17May24; 17Jul26; 19Jun12;  
*Epitheca spinigera* 15May05; 17May08; 17Sep02; 18May31;

#### GOMPHIDAE

*Ophiogomphus occidentis* 19Aug26; 23Aug29;

#### LESTIDAE

*Archilestes californicus* 19Oct04;  
*Lestes congener* 12Sep30; 13Aug27; 17Aug07; 20Sep13;  
*Lestes* sp. 15May17; 15Jun02; 17Sep17; 18Jul23;

#### LIBELLULIDAE

*Erythemis collocata* 11Aug5; 12Jul13; 13Jul07; 13Jul30; 14Jul03; 15Jun10; 15Jun15;

- 15Jun25;16Jun23; 16Jul28; 16Jul30; 17Jun14; 17Jun26; 17Jul04;  
 17Aug09; 18Jun18; 18Jul24;18Aug21; 19Jun18; 19Jun24;  
 20Jun06; 20Jul09; 21Jul18; 21Aug06; 22Jun25; 22Jul06;  
 22Aug17; 23Jul06;23Jun03; 23Jul08; 23Aug08; 23Aug09;
- Ladona julia* 16Jun13; 17Jul26; 19Jun23; 23June09; 23Jul03
- Leucorrhinia hudsonica* 12Aug22; 14Jul17; 15Jun05;
- Leucorrhinia intacta* 10Jul12; 13Jul01; 13Jul07; 14Jun01; 15Jun07; 16Jun24; 17May26;  
 17Jun01; 17Jul04; 18May07; 22Jun06; 23May18;
- Leucorrhinia proxima* 10Jul14
- Libellula forensis* 10Aug17; 11Jun07; 12July28; 13Jun09; 13Jul01; 13Jul30; 14Jul03;  
 15Jun07; 15Jun10;15Jun15; 16Jun06; 16Jul02; 17Jun21; 17Jul26;  
 17Aug07; 17Aug15; 18May22; 18Jun22; 18Jun24; 18Jul02; 18Aug03;  
 19Jun03; 19Jun14; 19Sep06; 20Jun28; 20Jul07; 20Jul30; 21Aug05;  
 21Aug06; 22Jun30; 22Jul13; 22Jul20; 22Aug01; 22Aug07; 22Sep07;  
 22Sep13; 22Sep19; 23Jun01; 23Jun05; 23Jun14; 23Jul02; 23Jul04;  
 23Jul06; 23Jul08; 23Jul14; 23Jul19; 23Jul29; 23Aug17;
- Libellula pallipes* 22Sep10; 22Sep12; 22Sep21; 23Aug09;
- Libellula quadrimaculata* 10Jul12; 10Jul14; 11May21; 13Jun29; 13Jul01; 13Aug23;  
 14May21; 14Jun01; 15May22; 15May31;16May08; 16Jun06;  
 16Jul19; 17May26; 17Jun01; 18May07; 18Jul06; 18Jul24;  
 19May06; 19Sep04; 20Jul14; 21May12; 21May25; 23May18;  
 23Jun03; 23June09; 23Jun25; 23Jul22;
- Pachydiplax longipennis* 10Jun22; 10Jul14; 10Jul30; 13Jun29; 13Jul09; 13Jul30;  
 14Jun08; 14Jul30; 15Jun01; 15Jun08; 15Aug02; 17May24; 17Jul05;  
 18Jul24; 19Jun17; 19Jul31; 20Jun22; 20Jul30; 21Jun26; 22Jun26;  
 22Jul06; 22Aug16; 22Sep12; 22Sep13; 23Jun03; 23Jun06; 23Jun07;  
 23Jul14; 23Jul22; 23Aug09; 23Sep02; 23Sep20;
- Plathemis lydia* 10Jul12; 11Jun24; 11Jul07; 13Jul07; 15Jun15; 17Jun26; 18Jun24;  
 18Jun27; 18Jul09; 18Aug16; 18Oct07; 19Jun03; 19Jun24; 19Jul14;  
 20Jun06; 20Jun28; 20Jul20; 22Jun26; 22Jun30; 22Jul14; 22Aug01;  
 23Jun13; 23Jul18;
- Sympetrum corruptum* 10Oct13; 12Aug26; 13Oct14; 13Oct15;16Jun27; 16Jul28;  
 16Sep11; 16Sep23; 18Aug21;19Aug03; 20Oct03; 21Sep21;  
 21Sep25; 22Sep03; 22Sep17; 23Jul08; 23Aug07; 23Aug09;  
 23Sep06; 23Sep08; 23Sep10; 23Sep13; 23Sep15; 23Sep17;  
 23Sep22;
- Sympetrum costiferum* 13Jul02; 16Jul28; 16Sep19; 18Oct07; 19Sep11;
- Sympetrum danae* 12Sep27; 12Oct07;
- Sympetrum illotum* 10Jun14; 10Jul12; 10Jul14; 10Jul23;13Jun14; 13Jul01;  
 14Jun01;15May28; 15Jun07;15Oct15;16May12; 16Jun06; 16Aug03;  
 17Jun05; 18May22; 18Jun24; 18Jul02; 18Jul24; 18Sep13; 19Jun18;  
 20Jun06; 20Jul07; 20Jul16; 20Aug05; 21Jun16; 22May27; 22Jul07;  
 22Aug24; 22Sep12; 23Jun04; 23Jun05; 23June09; 23Jun25; 23Jun27;  
 23Jul06; 23Jul08; 23Sep02; 23Sep17;
- Sympetrum madidum* 12Aug20;17Jul03; 17Jul27;19Jun20; 22Aug16;
- Sympetrum obtrusum* 10Jul26; 10Aug15; 11Aug14; 12Sep29; 22Aug24; 22Sep08;

22Sep09;  
*Sympetrum pallipes* 10Jul14; 11Aug05; 12Aug20; 12Oct01; 12Oct06; 13Jul30; 15Jul30;  
 15Aug02; 15Sep10; 16Jul19; 16Oct03; 17Aug07; 17Aug23; 20Aug28;  
 21Sep27; 22Sep10; 23Aug05; 23Aug25;  
*Sympetrum vicinum* 10Aug16; 11Aug17; 18Nov20; 20Nov09; 23Aug25; 23Oct25;  
 23Nov05;  
*Sympetrum* sp. 12Sep24; 13Jun29; 13Jul01; 13Jul06; 15Oct03; 15Oct25; 17Aug22;  
 18Oct07;  
*Tramea lacerata* 16Jul10; 16Jul11; 16Jul24; 20Aug13; 20Aug17; 21Jun25; 21Jul29;  
 21Aug06; 21Aug12; 21Aug29; 22Aug08; 22Aug30; 22Sep07; 23Jul03;  
 23Jul04; 23Jul16; 23Jul29; 23Jul31; 23Aug08; 23Aug17; 23Aug18;  
 Unidentified 13Jul02;

## Orthoptera

### ACRIDIDAE

*Arphia pseudonietana* 10Sep25; 16Sep23;  
*Camnula pellucida* 12Oct 14; 16Sep14; 16Sep19; 17Aug28; 19Jul13; 23Jul04;  
*Dissosteira carolina* 10Aug04; 13Jul09; 16Sep23; 17Aug14; 17Aug22; 18Jul22; 19Jul13;  
 20Jul09; 20Jul30; 21Sep12; 22Oct22; 23Jul11;  
*Melanoplus bivittatus* 10Aug18; 14Sep05; 16Jul19; 16Sep19; 21Aug20; 22Sep10;  
 23Aug15;  
*Melanoplus sanguinipes* 12Oct14; 22Sep10; 22Nov01; 22Nov04; 23Jul26;  
*Melanoplus femurrubrum* 16Aug29; 18Jul28; 18Aug25;  
*Melanoplus* sp. 10Jul22; 16Oct12; 19Jun20; 19Jul05; 19Aug28; 19Sep03; 20Jun08;  
 20Aug15; 20Sep15; 20Sep22; 20Nov09; 22Aug22; 22Sep23; 23Aug08;  
*Trimerotropis fontana* 12Oct 14; 16Sep14; 16Sep23; 22Oct20; 23Jul04;  
*Trimerotropis fontana/verruculata* 12Sep26  
*Trimerotropis pallidipennis* 12Oct 14; 23Jul19; 23Jul23;  
*Trimerotropis verruculata* 10Oct 01; 17Sep06; 18Aug05; 18Aug09; 22Sep23;  
*Xanthippus corallipes* 19Jul24;  
 Unidentified 12Sep14; 13Sep22; 14Sep01; 15Aug08; 15Aug13; 15Sep23; 17Jun20;

### GRYLLIDAE

*Gryllus pennsylvanicus* 10Sep25; 22Sep10;

### RHAPHIDOPHORIDAE

*Ceuthophilus* sp. 15Dec08;  
*Diestrammena* sp. 15Mar13;  
*Pristoceuthophilus* sp. 22Aug29; 22Oct05; 22Oct19; 23Aug24; 24Mar31;  
*Tropidischia xanthostoma* 19Jan05; 23May22;

### TETRIGIDAE

*Tetrix subulata* 15Apr23;  
 Unidentified 10Aug30

## TETTIGONIIDAE

*Meconema thalassina* 16Aug29; 17Aug07; 19Aug02; 20Oct18; 21Jun20; 21Dec01;  
 22Aug04; 23Jul26; 23Aug19; 23Aug21;  
 Unidentified 13Jul29; 19Jul08;

**Phthiraptera**

## PHILOPTERIDAE

Presumed *Strigiphilus acadicus* 11Dec04  
 Unidentified on swan 16Apr12;

**Plecoptera**

## CHLOROPERLIDAE

Unidentified 14Apr20;

Unidentified other family 16Nov30; 19Nov04;

**Psocodea**

## ECTOPSOCIDAE

*Ectopsocus briggsi* 15Mar31; 16Oct11;  
*Ectopsocus californicus* 22Nov27;

## LACHESILLIDAE

*Lachesilla pacifica* 15Mar30;

## STENOPSOCIDAE

*Graphopsocus cruciatus* 19Nov14; 20Aug25; 22Oct21;  
*Hyalosocus* sp. 18Apr28;  
 Unidentified 16Oct17;

Unidentified bark louse 21Apr01;

**Raphidioptera**

*Agulla assimilis* 23Jun18;  
*Agulla* sp. 14May08; 19May20; 19Jun16; 20May28; 21Jun03;  
*Negha inflata* 16Apr29;  
 Unidentified 13May15; 21Apr20;

**Thysanoptera**

Unidentified 13Jun03; 20Oct02;

## Trichoptera

### LEPIDOSTOMATIDAE

*Lepidostoma pluviale* 21May29;

### LEPTOCERIDAE

*Oecetis* sp. 17Jul05;

### LIMNEPHILIDAE

*Glyphopsyche irrorata* 18Jan18;

*Halesochila taylori* 17Oct31; 18Nov10; 20Oct12; 20Oct20;

*Lenarchus rho* 17Sep18; 20Sep11;

*Limnephilus fagus* 17May19;

*Limnephilus* sp. 18Oct09;

*Psychoglyphe bella* 21Feb02;

### PHRYGANEIDAE

*Philostomis ocellifera* 20Aug05;

Unidentified 12Sep29; 14Sep01; 14Oct28; 16Sep23; 17Jul30; 22Oct21;

## MALACOSTRACA

### Decapoda

#### ASTACIDAE

*Pacifastacus leniusculus* 18Jul18; 21Jun09;

### Isopoda

#### ARMADILLIDIIDAE

*Armadillidium vulgare* 10May17; 19Apr15; 20Apr28; 22Oct18; 22Nov26; 23Apr23;

23Jun25; 23Jun26; 24Mar31; 24Apr11;

**ONISCIDAE**

*Oniscus asellus* 10Apr19; 20Jul14; 20Oct01; 20Oct03; 20Oct09; 20Oct23; 20Nov06;  
20Nov26; 20Nov29; 20Dec03; 21Mar10; 21Mar29; 21Nov30; 22Nov26;  
23Jun26; 23Aug24; 24Feb11; 24Feb24; 24Feb19;

**PHILOSCIIDAE**

*Philoscia muscorum* 22Oct18; 22Nov26; 23Mar14; 23Apr19; 23Apr23; 23Aug24;  
24Feb21; 24Mar23; 24Apr12;

**PORCELLIONIIDAE**

*Porcellio scaber* 20Oct18; 20Oct21; 20Oct25; 20Nov27; 20Dec03; 21Jan18; 21Mar08;  
21Mar11; 21Mar13; 21Mar20; 22Oct22; 22Oct25; 22Nov16; 22Nov26;  
23Mar15; 23Apr24; 23Sep05; 24Apr11;

**NEMATODA**

Unidentified nematode 24Feb24;

**POLYCHAETA****Phyllodocida****NEREIDIDAE**

*Nereis vexillosa* 17Jul05;

As noted above, the superfamily Noctuoidea has recently been extensively revised by Lafontaine and Schmidt in their Annotated check list of the Noctuoidea (Insecta, Lepidoptera) of North America north of Mexico, ZooKeys 40: 1–239 (2010). Here are some of the highlights of the Lafontaine and Schmidt Noctuoidea classification.

The North American Noctuoidea now comprises the following families:

Doidae  
Notodontidae  
Erebidae  
Eutelliidae  
Nolidae  
Noctuidae



Of these, Doidae and Euteliidae are very small families, and I don't know if they have any representatives on Vancouver Island, so I'll say no more about them here.

Notodontidae (the prominent and kitten moths) is largely unscathed, the only new changes being the divisions at subfamilial level, so I'll leave it at that.

It is the remaining families, Erebidae, Nolidae and Noctuidae that need some comments. It will be noticed that some old families and subfamilies have been demoted to subfamilies and tribes respectively, while one group (now called Nolidae) has been promoted to family level.

Erebidae now comprises numerous subfamilies of which I mention just a few. It includes the former Lymantriidae and Arctiidae, as well as the former quadrifid Noctuidae.

Lymantriinae is the old family Lymantriidae, now demoted to subfamilial status. It includes the Vapourer, Satin and Gypsy moths.

Arctiinae is the old family Arctiidae, now demoted to subfamilial status. It includes the tiger moths, large ermine moths and the Cinnabar moth, as well as the lichen-feeding footman moths. The footman moths were formerly subfamily Lithosiinae, but are now demoted to tribe Lithosiini.

The remaining subfamilies of Erebidae are certain groups of moths taken from the old, traditional Noctuidae, mainly what were formerly called the "quadrifid" noctuids. Thus:

Hypeninae. These are the snout moths. They are no longer in Noctuidae, but are now in Erebidae.

Scoliopteryginae. This includes the Herald Moth.

Erebinae. This comprises several tribes of which the Catocalini are the red underwing moths.

Nolidae is now of family status. (It has enjoyed that privilege in the distant past.) Our representative here is *Nola minna*.

Noctuidae. This somewhat reduced family comprises the remainder of the former larger Noctuidae. It largely consists of what were formerly known as the "trifid" noctuids.