

*Revised 2014 Nov 14*

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* has been moved out of Noctuidae to its 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 ([jtatum@uvic.ca](mailto:jtatum@uvic.ca)) 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 Order** FAMILY SUBFAMILY *Genus species*. Subfamilies are used 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.

**CHELICERATA****Acari**

## ERYTHRAEIDAE

Unidentified 10Jul27

## IXODIDAE

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

*Ixodes* (probably *pacificus*) 14Apr11;

**Araneae**

## AMAUROBIIDAE

*Callobius* sp. 11Jun20

## ANTRODIAETIDAE

*Antrodiaetus pacificus* 14Nov01.

## ANYPHAENIDAE

*Anyphaena* sp. 14May08;

## ARANEIDAE

*Araneus diadematus* 11Aug01; 12Nov16; 13May19;

## GNAPHOSIDAE

*Scotophaeus blackwalli* 14Oct28;

## LYCOSIDAE

*Alopecosa kochi* 14Feb14;

*Arctosa perita* 10Apr23;

*Pardosa vancouveri* 14Apr03;

## LYNIPHIIDAE

*Prolinyphia* sp. 11Jun08

## PHILODROMIDAE

*Philodromus dispar* 10May26; 14May08;

*Philodromus oblongus* 14Apr24;

## PISAURIDAE

*Dolomedes triton* 10Mar24; 12May01;

## SALTICIDAE

*Eris militaris* 10May26; 14May01;

*Metaphidippus manni* 10Jun28

*Phidippus borealis* 10Apr16; 10Apr14

*Phidippus johnsoni* 13Jun03; 13Jun18;

*Salticus scenicus* 10Jul09; 11Apr19

Unidentified 10Jul08; 11Apr09; 11Apr19; 13Jun03; 14May13;

Unidentified dendryphantine 13Aug27;

## TETRAGNATHIDAE

*Tetragnatha* sp. 13May15; 14Apr20;

## THOMISIDAE

*Misumena vatia* 10Jul11; 13Apr07;

*Xysticus* sp. 14Apr11;

Unidentified 13May12;

## THERIDIIDAE

*Latrodectus hesperus* 14Sep27;

**Opiliones**

## PHALANGIIDAE

*Phalangium opilio* 11Aug26

Unidentified 12Nov04;

**Pseudoscorpiones**

Unidentified 12Sep27;

**CHILOPODA****Geophilomorpha**

## GEOPHILIDAE

Unidentified centipede 13Feb12;

**DIPLOPODA****Polydesmida**

## XYSTODESMIDAE

*Harpaphe haydeniana* 11May16; 14May14;

## **GASTROPODA**

### **Pulmonata**

#### ANADENIIDAE

*Prophysaon andersonii* 14Oct01;

#### ARIONIDAE

*Ariolimax columbianus* 10Jul03; 12Oct21; 13Mar27;

*Arion rufus* 12Sep19; 13Jul03;

*Arion subfuscus* 14Oct15;

#### BRADYBAENIDAE

*Monadenia fidelis* 10Jun15; 12Jun18; 14May08;

#### HELICIDAE

*Cepaea nemoralis* 11May19; 12Oct16; 12Oct21; 14May08;

*Cornu aspersum* 10Jul08; 13Feb12

#### LIMACIDAE

*Limax maximus* 11Sep29; 14Nov01;

#### POLYGYRIDAE

*Cryptomastix germana* 13Apr02

## **INSECTA**

### **Coleoptera**

#### APELLABIDAE

*Merhynchites bicolor* 11Jun08

#### BUPRESTIDAE

*Buprestis aurulenta* 10Jun22; 12Jul12;

#### CANTHARIDAE

*Podabrus* sp. 11May16; 13May01;

*Rhagonycha fulva* 11Jul27

Unidentified 11May21

#### CARABIDAE

*Amara* sp. 11May20  
*Carabus granulatus* 13Jun03;  
*Carabus nemoralis* 13Feb12;  
*Cicindela oregona* 10Apr23; 11Apr24; 12May01;  
*Elaphrus* sp. 11May21  
*Pterostichus melanarius* 11May20  
 Unidentified 10Apr23; 11May21; 13Jun03;

#### CERAMBYCIDAE

*Cosmosalia chrysocoma* 10Jul09  
*Grammoptera subargentata* 10Jul10; 11Jun08  
*Leptura obliterata* 10Aug18  
*Plectrura spinicauda* 14Apr07;  
*Prionus* sp. 10Aug14; 13Jun01;  
*Saperda calcarata* 13Jul07;  
*Xylotrechus longitarsus* 11Oct28  
*Xylotrechus nauticus* 10Jul31  
 Unidentified 11Jun13; 13Jun30; 13Jul03; 13Jul07;

#### CHRYSOMELIDAE

*Altica* sp. 10Aug02;  
*Calligrapha californica* 14Jul20;  
*Chrysolina hyperici* 10Jun20;  
*Donacia* sp. 14May13;  
*Pyrrhalta viburni* 13Jun09; 14May19;  
 Unidentified donaciine  
 Unidentified 13May20; 14May01;

#### COCCINELLIDAE

*Adalia bipunctata* 10May17; 11Jun13  
*Coccinella septempunctata* 10Jun30; 10Jul23  
*Coccinella trifasciata* 10Jul19  
*Harmonia axyridis* 10Jun14; 10Jun22; 10Jun28; 10Jun30; 10Jul08  
*Hippodamia tredecimpunctata* 11May25; 14May13;  
 Unidentified 13May21;

#### CURCULIONIDAE

*Mecinus janthinus* 10Jun28  
*Otiorhynchus singularis* 10May26  
*Otiorhynchus sulcatus* 10Sep25  
*Sciaphilus asperatus* 10Jun25  
 Unidentified 13Aug27; 14May08;

#### DERMESTIDAE

*Anthrenus verbasci* 12Feb18; 13Jan31;

## ELATERIDAE

*Agriotes lineatus* 11May22

Unidentified 10Aug02; 11Jun06

## HISTERIDAE

Unidentified 10Aug05

## LAMPYRIDAE

*Ellychnia hatchi* 11Mar03

## LYCIDAE

*Dictyopterus simplicipes* 14Apr07;

## MORDELLIDAE

Unidentified 10Jul23

## SCARABAEIDAE

*Polyphylla decemlineata* 11Jul28; 13Jul01; 13Jul10;*Polyphylla* sp. 10Jul20

## SILPHIDAE

*Nicrophorus defodiens* 11Sep22

Unidentified beetle 13Jun11;

**Dermaptera**

## FORFICULIDAE

*Forficula auricularia* 13Nov01;**Diptera**

## ASILIDAE

*Laphria fernaldi* 12Jun21;*Nemochtherus willistoni* 12Aug10;*Nicocles* sp. 13May30;*Scleropogon* (perhaps *bradleyi*) 10Jul22

Unidentified 10Jul20; 11Aug26; 11Sep11

## BIBIONIDAE

*Bibio* sp. 10Apr19; 14Apr07;

## BOMBYLIIDAE

*Bombylius* sp.

*Hemipenthes morio* 10Jul10

*Systoechus* sp. 10Jul20

*Villa* sp. 10Aug07; 10Aug27

Unidentified 10Jun01; 10Jun22; 11Apr19; 14Apr03;

#### CALLIPHORIDAE

*Calliphora vomitoria* 12Oct05;

*Calliphora* sp. 11Mar26

*Lucilia* sp. 10Jul21; 11Jun01; 14Sep01;

*Pollenia* sp. 11Mar20

Unidentified 12Oct02;

#### CHIRONOMIDAE

Unidentified 13May01; 14Feb01;

#### COELOPIDAE

*Coelopa* sp. 11Mar20

#### CONOPIDAE

*Myopa* sp. 10Apr01; 10May30

#### DOLICHOPODIDAE

*Condylostylus* sp. 10Jun28

*Dolichopus* sp. 11Jun13

Unidentified 10Jul17; 10Jul21

#### EMPIDIDAE

*Hybos* sp.?

Unidentified 14May08;

#### MUSCIDAE

*Helina* sp.? 14May08;

#### PELECORHYNCHIDAE

*Pseudoerinna jonesi* 10Aug08

#### PSYCHODIDAE

Unidentified 12Sep19;

#### RHAGIONIDAE

*Chrysopilus* sp. 11Jun13

*Rhagio* sp. 11Jun13

Unidentified 13Jun11;

#### SCATHOPHAGIDAE

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

#### SCIOMYZIDAE

Unidentified 14May13;

#### SEPSIDAE

Unidentified 11Jun06

#### STRATIOMYIDAE

*Chloromyia* sp. 12Oct21;

#### SYRPHIDAE

*Criorrhina* sp. 14May01;

*Eristalis arbustorum* 10Aug27

*Eristalis tenax* 10Mar12; 10May26; 11Jun01

*Eupeodes americanus* 10Mar12;

*Eupeodes* sp. 10Jun17; 10Jul08; 11Jun06

*Helophilus* sp. 10Aug27

*Megasyrphus laxus* 10Aug03;

*Merodon equestris* 10Jun17; 14May14;

*Orthonevra* sp. 10Jul10

*Scaeva pyrastris* 10May26

*Sericomyia chrysotoxoides* 10Sep25

*Sphaerophoria* sp. 10Aug18; 10Aug31

*Syritta pipiens* 10Jul08

*Toxomerus* sp. 10Jul10

*Xylota* sp. 10Jul19; 11Jun14

Unidentified 12Oct04; 12Oct16; 13Mar29; 13May14; 13Jun11; 13Jun30; 14Mar14;  
14Apr03; 14Apr20; 14Apr24; 14May21;

#### TABANIDAE

*Chrysops* sp. 10Aug07

Unidentified 10Jul17

#### TACHINIDAE

*Cylindromyia* sp. 10Aug31

*Phasia* sp. 10Aug15

*Tachina* sp. 10Aug31

Unidentified 10May04; 12Sep26; 12Oct02; 13Mar29;

#### TEPHRITIDAE

*Rhagoletis basiola* 10Jul21

#### THEREVIDAE

Unidentified 10Jul20



## TIPULIDAE

Unidentified 11May22; 12Sep08; 13Oct06; 13Nov22;14Apr20; 14May01;

## ULIDIIDAE

*Chaetopsis* sp. 10Jul21

Unidentified Dipteran 13Jun30;

**Ephemeroptera**

## BAETIDAE

*Callibaetis* sp. 14Apr20;

Unidentified 13Jun11;

**Hemiptera**

## APHIDIDAE

*Eriosoma* sp.

## CERCOPIDAE

*Philaenus spumarius* 10Jul08; 10Jul19

## CICADIDAE

*Okanagana* sp. 12July28;

*Platypedia areolata* 11Jul28;

## COREIDAE

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

## ERIOSOMATIDAE

*Eriosoma lanigerum* 12Oct06;

## GERRIDAE

*Gerris* sp. 10Mar24

## MIRIDAE

*Lygus hesperus* 10Jul11

*Prepops bivittis* 10Aug07

Unidentified 13Jul01;

## NEPIDAE

Unidentified 11May22

## PENTATOMIDAE

*Banasa dimiata* 10May26; 11Mar26; 14May01;  
*Chlorochroa uhleri* 10May14  
*Chlorochroa* sp 10Aug31; 10Sep04; 11Jun01  
*Cosmopepla conspicillaris* 11Jun01  
*Elasmostethus cruciatus* 10Jun25  
*Euschistus conspersus* 10Aug31; 11Jun08; 14May01;  
*Neottiglossa undata* 10Jul19  
 Unidentified13Aug27; 14May01;

## RHOPALIDAE

*Stictopleurus punctiventris* 10Sept 04

## SCUTELLARIDAE

*Eurygaster amerinda* 10Sep04

## Hymenoptera

## ANDRENIDAE

*Andrena* sp. 10Apr01; 10Apr23; 10Jul16; 10Jul20; 11Mar26

## APIDAE

*Apis mellifera* 10Mar12; 13Mar 09; 14Mar14;  
*Bombus ternarius* 11Mar26; 11Sep27; 13Mar10;  
*Bombus vosnesenskii* 13Oct07; 14Apr24; 14Apr28;  
*Bombus* sp. 11Sep27;  
*Eucera* sp. 14May13;  
*Habropoda* sp. 10Apr16  
*Nomada* sp. 10Apr19  
 Unidentified 10Mar22;

## BRACONIDAE

Unidentified 13May14;

## CHRYSIDIDAE

Unidentified 10Jul16

## CIMBICIDAE

*Trichiosoma triangulatum* 12Jul08;  
*Zaraea* sp 10May14

## CRAMBONIDAE

*Bembix americana* 10Jul12; 11Sep27  
*Crabro latipes* 10Aug04  
*Ectemnius* sp. 10Sep25

## CYNIPIDAE

*Neuroterus saltatorius* 12Oct23;

## FORMICIDAE

Unidentified 12Sep08; 13May26;

## HALICTIDAE

*Agapostemon* sp. 11Sep27

*Lasioglossum zonulum* 10Aug18

*Lasioglossum* sp. 10Apr19; 11Mar26

## ICHNEUMONIDAE

*Ophion* sp. 10Aug17

Unidentified 10Mar22; 10Aug06; 10Aug08; 10Aug15; 11Mar20; 11Jun14; 12Sep17;  
13Apr23;

## MEGACHILIDAE

*Coelioxys* sp. 10Sep04

*Megachile* sp. 10Oct01; 11Jul19; 13Jun08; 14Sep01;

*Osmia lignaria* 10Jul08

Unidentified 10Jul23

## POMPILIDAE

Unidentified 10Aug23

## SPHECIDAE

*Podalonia* sp. 10Apr23; 11Apr24

*Prionyx* sp. 11Sep27

*Sceliphron caementarium* 10Jul17; 11Jul19; 12Mar14

Unidentified 13Mar05;

## TENTHREDINIDAE

*Eriocampa ovata* 10Jun25

*Eriocampoides limacina* 12Sep29

*Nematus ribesii* 13May21;

Unidentified 11May22; 13May26;

## VESPIDAE

*Ancistrocerus antilope* 10Jul08

*Dolichovespula maculata* 10Jul16; 13Jun30;

*Polistes dominula* 10Apr16; 10Jul17; 10Jul20;

*Polistes* sp. 14 Jul26;

*Vespula alascensis* 11Sep27

*Vespula pensylvanica* 10Apr16

*Vespula* sp. 10Jul20; 11Jul14  
Unidentified eumenine 10 Jun17; 10Sep04;

Unidentified hymenopteran 12Oct17;

## Lepidoptera

### ALUCITIDAE

*Alucita montana*; 13Aug30; 13Sep02; 14May05;

### CHOREUTIDAE

*Choreutis diana* 10Oct 01  
*Choreutis pariana* 10Oct01; 14Sep18; 14Sep31;

### COSMOPTERYGIDAE

*Sorhagenia nimbose* 14Jul22;

### CRAMBIDAE

*Chrysoteuchia topiaria* 10Aug23; 12Jun25; 12Jul05;  
*Crambus* sp. 12Sep17;  
*Herpetogramma pertextalis* 10Jun23; 11Jul23  
*Herpetogramma thestealis* 12Jul19;  
*Nomophila nearctica* 13Sep28;  
*Udea profundalis* 10Aug15; 12Sep07; 13June09; 13Aug30; 14May19;

### DEPRESSARIIDAE

*Agonopterix alstroemeriana* 11Apr05; 11Jun15; 11Jul01;  
*Agonopterix nervosa* 13Nov13; 13Nov22;  
*Depressaria pastinacella* 13June09;

### DREPANIDAE

*Ceranemota fasciata* 13Oct06;  
*Drepana arcuata* 14Aug29;  
*Euthyatira pudens* 11Jun21; 12Apr 10; 12Jun25; 13Mar29; 13Jun17; 14Mar28; 14May05;  
*Habrosyne scripta* 11Sep17; 14Aug12;

### EREBIDAE

#### ARCTIINAE

*Cisseps flavicollis* 14Sep18;  
*Grammia complicata* 12Jun15;  
*Lophocampa argentata* 10Apr19; 10Apr27; 10Aug08; 11Aug02; 12Jul03; 12Sep03;  
13Apr02; 13Jun29; 13Jul30; 13Oct07; 14May01;  
*Lophocampa maculata* 11Oct17; 12May12; 12Aug23; 12Sep26; 12Oct09; 13May28;  
13Jun24; 13Aug27; 13Sep06; 13Sep07; 14Jun01; 14Aug06; 14Aug25; 14Sep01;  
14Sep05;  
*Lophocampa roseata* 11Nov12; 12Oct12; 14Oct22;

*Neoarctia brucei* 14Sep07; 14Sep13;  
*Pyrrharctia isabella* 10May25; 10Nov13; 11Oct19; 12Feb04; 12May25; 12Oct10;  
 12Oct16; 12Oct20; 12Oct24; 13Oct11; 14Feb01; 14Sep27; 14Oct15;  
*Spilosoma virginica* 10Sep17; 10Sep30; 11Apr05; 11May30; 12Aug02; 12Aug20;  
 12Oct20; 13Apr28; 13 May 10; 14Jun30; 14Aug25; 14Aug29;  
 14Sep01; 14Sep05; 14Sep10;  
*Tyria jacobaeae* 10Jul30; 12Jun17; 12Jun18; 13Jul24; 14May23;

#### EREBINAE

*Catocala aholibah* 12Sep12; 13Mar20; 13May21; 13May28; 13Jun27; 13Oct07;  
*Catocala allusa* 14Aug22;  
*Catocala relictata* 24Sept12;  
*Catocala* sp. 10Jul20; 14Sep18;  
*Caenurgina erechtea/crassiuscula* 13Jul25;  
*Cissusa indiscreta* 14May01;  
*Euclidia arditata* 14Jun08;  
*Zale* sp. 14Sep23;

#### HYPENINAE

*Hypena californica* 11Apr05; 11Jun08; 14Mar08; 14Apr03;  
*Hypena decorata* 11May03; 12Apr23; 14Mar28; 14Apr07;  
*Hypena* sp. 11May23; 12Aug25; 14Aug19; 14Sep10;

#### LYMANTRIINAE

*Leucoma salicis* 10May28; 10Jun15; 10Jun30; 12Jun17; 12Jun29; 13May27; 13Jun18;  
*Orgyia antiqua* 12Aug19; 13Jul31;

#### SCOLIOPTERYGINAE

*Scoliopteryx libatrix* 13Jun22; 13Jul13; 14Jun01;

#### GELECHIIDAE

*Athrips rancidella* 12June17;  
*Chionodes trichostola* 13Aug27;  
*Chionodes* sp. 12Dec03; 13Jan06;  
*Telphusa sedulitella* 14Mar06;

#### GEOMETRIDAE

*Anticlea vasiliata* 14Mar28;  
*Archiearis infans* 12Apr11; 13Apr16; 14Apr15;  
*Biston betularia* 11Oct13; 12Sep18;  
*Campaea perlata* 10Jul30; 13May27; 14May01; 14May29; 14Aug06;  
*Caripeta aequiliaria* 14Aug03;  
*Chlorosea banksaria* 11Aug02; 12Jul15;  
*Coryphista meadii* 13Aug27; 14Mar01; 14Apr03;  
*Cyclophora dataria* 14Apr20;  
*Cyclophora pendulinaria* 13May12;  
*Drepanulatrixminicaria* 14Oct10;

*Drepanulatrix secundaria* 13Aug24; 13Oct06; 13Oct08; 13Oct10; 13Nov10; 14Apr15;  
*Dysstroma citrata* 13Oct25;  
*Dysstroma sobria* 11Apr20; 11Apr30;  
*Ectropis crepuscularia* 12Aug17;  
*Enchoria lacteata* 13Mar28;  
*Ennomos magnaria* 12Sep18; 12Oct02; 13Oct04;  
*Enypia packardata* 13Jun16;  
*Enypia venata* 12Aug09; 13Sep13;  
*Epirrhoe plebeculata* 11Apr06; 13Apr02  
*Epirrita autumnata* 13Oct10; 14Sep07; 14Oct20;  
*Erannis "vancouverensis"* 11Jun09; 12May28; 12Nov21; 13May18; 13May20; 13Jun01;  
13Nov04; 13Nov05; 13Nov07; 13Nov 29; 13Dec 23; 14May08; 14May21;  
14Nov01; 14Nov06;  
*Eulithis destinata* 12Oct06;  
*Eulithis xyliana* 12May14; 12Jun08; 13May26; 13Jun24; 14May14; 14May29; 14Jul06;  
14Jul10;  
*Eupithecia annulata* 14Apr07;  
*Eupithecia gilvipennata* 12Apr09; 13Mar30;  
*Eupithecia graefii* 14Apr07;  
*Eupithecia maestosa*; 13Aug23;  
*Eupithecia mutata/rotundopuncta* 11Jun23; 14May19;  
*Eupithecia olivacea* 12Apr02  
*Eupithecia ornata* 11Jul26  
*Eupithecia ravocostaliata* 11Apr05; 12Apr02; 14Mar18; 14Apr03;  
*Eupithecia* sp. 11Aug26; 12Apr02; 12Apr02; 14Mar08; 14Mar 24; 14Mar28;  
*Eurrhyncha hortulana* 14Jun30;  
*Hemithea aestivaria* 11May26; 11Jun20; 11Jul16; 12Jul05; 12Sep29; 13May27;  
13Jun19; 13Jun24; 14May14; 14Jun03;  
*Hesperumia latipennis* 10Apr07; 10May11  
*Hydrelia albifera* 10Sep18; 12Aug20;  
*Hydriomena irata* 10Apr06;  
*Hydriomena manzanita* 10Mar03; 13Mar30; 13Apr14; 14Mar10; 14Mar 24;  
*Hydriomena nubilofasciata* 14Jan24; 14Jan 25; 14Mar02; 14Mar08;  
*Hydriomena* sp. 14May08;  
*Idaea dimidiata* 11Aug26; 13Aug23;  
*Iridopsis emasculata* 11Sep28; 12May17;  
*Lambdina fiscellaria* 11Sep13; 13Oct04; 14Sep05;  
*Macaria signaria* 13Jul14;  
*Melanolophia imitata* 10Apr06; 14May08;  
*Mesoleuca gratulata* 10Mar22; 10Apr20; 11Apr14; 11May03; 12Apr15; 13Mar28;  
13Apr16; 14Apr11; 14 April15;  
*Metanema inatomaria* 11Aug02;  
*Metarrhantis duaria* 14May19;  
*Nematocampa resistaria* 11Jun25  
*Nemoria unitaria* 11Aug02  
*Neocalcis californiaria* 10Apr07; 10June04; 10Jul11; 10Aug23; 11May10; 11Aug26

11Sep10; 12Jul27; 12Aug01; 12Sep18; 13Jul26;  
 14Aug25; 14Sep13;  
*Nepytia phantasmaria* 14Sep23;  
*Operophtera bruceata* 11Dec30; 12Dec08; 12Dec09; 13Nov29; 14Aug25;  
*Operophtera brumata* 10Apr21; 10Nov13; 11Oct29; 11Dec02; 12Nov04; 12Nov06;  
 12Nov17; 12Nov26; 12Dec03; 12Dec06; 13Nov04; 13Nov10;  
 13Nov22; 13Nov29; 13Nov30; 14Feb01; 14Nov10;  
*Operophtera danbyi* 12Dec08;  
*Pero mizon* 12Apr30; 12Jun09; 14Aug16;  
*Pasiphila rectangulata* 13Jun12;  
*Phigalia plumogeraria* 14Jan19; 14Feb11; 14Mar08; 14Mar10; 14Mar14;  
*Philedia punctomaculata* 13Nov13;  
*Plemyra georgii* 14Jul14;  
*Protoarmia porcelaria* 13Jul31;  
*Rheumaptera undulata* 14Aug22;  
*Sabulodes edwardsata* 14Jul03;  
*Selenia alciphearia* 12Apr21;  
*Sicya macularia* 10May06; 10Jun04; 12Aug01; 13May24; 13May31; 13Jun11;  
*Spodolepis danbyi* 12Apr18;  
*Synaxis jubararia* 11Oct16; 12Oct10; 12Oct16; 13May26; 13Sep22; 13Oct06; 14Sep15;  
 14Oct15; 14Oct20;  
*Tetracis pallulata* 13Oct06;  
*Triphosa haesitata* 10Mar05; 11Apr25; 11Jul10; 11Aug02; 11Sep26; 13Jun23;  
 13Aug30; 13Nov05; 14Apr11;  
*Venusia duodecemlineata* 13Apr07;  
*Venusia obsoleta/pearsalli* 11Apr24; 14Mar10; 14Mar16; 14Mar28; 14Apr03;  
*Xanthorhoe defensaria* 13May29; 13Jun10; 14Mar28; 14Apr07; 14May08;  
 14Jun08; 14Sep01;  
*Xanthorhoe packardata* 14Jun08;

#### GRACILLARIIDAE

*Gracillaria syringella* 10May17;

#### HEPIALIDAE

*Gazoryctra mathewi* 13Sep08;

#### HESPERIIDAE

*Carterocephalus palaemon* 13May27;  
*Erynnis persius* 13Jul03;  
*Erynnis propertius* 10Apr15; 10Apr23; 10Apr23; 10May15; 10Jul02; 11Jun03; 12Apr17;  
 13Apr28; 13May19; 14May01; 14May01; 14May16; 14May21;  
*Euphyes vestris* 10Jul17; 13Jul03; 14Aug12;  
*Hesperia colorado* 14Aug06; 14Aug19;  
*Ochlodes sylvanoides* 10Aug07; 10Aug17; 11Aug06; 11Aug29; 11Sep11; 12Aug06;  
 12Aug08; 12Aug11; 13Jul27; 14Aug03; 14Aug06; 14Aug22;  
*Pyrgus ruralis* 12May15; 13Apr22; 14May19;

*Thymelicus lineola* 10Jun07; 10Jul09; 10Jul21; 10Jul23; 10Aug02; 11Jul05; 12Jul14;  
13Jun02; 13June14; 13Jun20; 13Jun24; 13Jun29;

#### LASIOCAMPIDAE

*Malacosoma californicum* 10May25; 10Jun15; 10Jun21; 11Jul16; 12Jun17; 12Jul01;  
12Jul31; 13May01; 13Jun02; 13Jun30;

*Malacosoma disstria* 10May25; 10Jun18; 12Jun20; 13Jun30;

*Malacosoma* sp. 13Jun08;

*Phyllodesma americana* 13Jun30; 13Jul27; 13Aug27; 14May05; 14May19; 14Sep13;

#### LYCAENIDAE

*Agriades glandon* 14Aug06;

*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;

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

*Glaucopsyche lygdamus* 12Aug16; 13May01; 13Jun02; 13Jun11; 13Jul03; 13Jul09;  
13Jul23; 14May16;

*Incisalia eryphon* 11May25; 13Apr14;

*Incisalia iroides* 10Mar23; 10Mar26; 10May04; 10Jun08; 11May24; 13May01;  
13May05; 14Apr11; 14Apr28; 14May05; 14May21;

*Incisalia mossii* 10Mar09; 12Apr23; 13Apr25; 14Apr03;

*Lycaeides anna* 12Aug 14; 13Jul14;

*Lycaena helloides* 10June25; 12Aug14; 12Sep17; 13Jun08; 13Jun13; 13Jul14; 13Jul22;  
14May21; 14May29; 14Sep10;

*Lycaena mariposa* 11Sep09; 12Aug20; 12Sep17; 13Jul22;

*Mitoura rosneri* 10Jul25; 11Jun24; 11Jul03; 12Jun11; 13May02; 13Jun02; 13Jun03;  
14Jun03;

*Strymon melinus* 12Sep12; 13Apr22; 13May05;

13May15; 14May08; 14May14; 14May19;

#### NOCTUIDAE

*Acerra normalis* 11Apr05;

*Acronicta dactylina* 14Sep01;

*Agrochola purpurea* 14Sep27;

*Anarta farnhami* 14 Jul26;

*Apamea amputatrix*; 14Jul26;

*Apamea cogitata* 11Sep18

*Apamea maxima* 14Aug16;

*Aseptis adnixa* 10Mar09; 10May08; 12Mar08; 12Mar12; 12Mar22; 12Apr15; 14Mar08;  
14Mar24; 14May05;

*Aseptis binotata* 10Apr21; 10May21

*Autographa californica* 13Apr07; 13May10; 13Jun09; 13Jun14; 13Sep21; 13Oct28;  
14May14; 14Aug09; 14Sep23; 14Oct10; 14Oct15; 14Oct20;



*Autographa corusca* 11Aug02  
*Behrensia conchiformis* 11Apr21; 13Apr07; 14Apr11;14Jun10;  
*Cerastis enigmatica* 13Mar30; 14Mar28; 14Apr03;  
*Cosmia praeacuta* 12Aug18; 14Jul30;  
*Cucullia florea* 14May23;  
*Cucullia montanae* 10Aug07; 10Sep30; 14Sep10; 14Oct28;  
*Cucullia postera* 13Sep23;  
*Dargida procinctus* 10Jul22; 10Aug18; 13Apr28; 13Oct25; 14Jul22;  
*Dryotype opina* 13Oct07;  
*Egira crucialis* 10Jun30; 12Apr21; 12Jun26; 13Mar17; 13Mar30; 13Jul11; 14Mar18;  
14Sep13;  
*Egira curialis* 13Jun17; 13Jun20; 14Mar14; 14Mar16; 14Mar28; 14Apr11;  
*Egira hiemalis* 12Feb09; 13Mar26; 14Jan16; 14Jan21; 14Feb22; 14Mar 24;  
*Egira rubrica* 11Apr14; 14Apr03;  
*Egira simplex* 12Apr21; 13Mar30; 14Apr03;  
*Enargia infumata* 10Jul25; 14Jul03; 14Jul14; 14Aug06;  
*Eupsilia tristigmata*14Mar18;  
*Euxoa auxiliaris* 14Sep05;  
*Euxoa obeliscoides* 14Aug22;  
*Feralia deceptiva* 11Apr05; 14Mar28;  
*Heliothis phloxiphaga* 14Aug22;14Sep23;  
*Homoglaea dives* 13Sep20;  
*Homorthodes communis* 14Sep15;  
*Ipimorpha nanaimo* 14Aug03; 14Aug12;14Sep05;  
*Lacanobia subjuncta* 14Sep18;  
*Lacinipolia patalis* 14May29;  
*Litholomia napaea* 11May03;  
*Lithomoia germana* 14Oct04;  
*Lithophane amanda*14May16;  
*Lithophane innominata* 12Sep11; 14Mar18; 14Sep05;  
*Lithophane pertorrida* 14Apr03; 14Sep23  
*Lithophane petulca* 13Apr07; 14Apr07;  
*Melanchra adjuncta*; 14 Jul26;  
*Mythimna unipuncta* 14Oct04;  
*Noctua comes* 10Apr23; 10May31; 14Jul22;  
*Noctua pronuba* 10Apr27; 10May31; 10Jun30; 10Nov 18; 11Sep04; 11Sep27; 11Sep30;  
12Apr08; 12May30; 12Jun19; 13Feb12; 13Apr03; 13Jul30; 13Sep11; 14May29;  
14Jun30;14Sep23; 14Oct10;14Oct17; 14Nov06;  
*Orthosia ferrigera* 14Apr15;  
*Orthosia hibisci* 11Apr05; 13Mar30; 13May24; 13Jun18; 13Jun30; 14Mar10; 14Mar18;  
14Mar24; 14Mar28; 14Jun01;  
*Orthosia pacifica* 13Mar30; 14Mar28;  
*Orthosia praeses* 11Apr05; 13Feb10; 14Mar01; 14Mar02; 14Mar08; 14Mar16; 14Mar18;  
*Orthosia mys* 14Oct22;  
*Orthosia transparens* 11Apr06; 11Apr24; 13Mar30;  
*Papaipema insulidens* 14Sep23;

*Peridroma saucia* 14May16;  
*Phlogophora periculosa* 11Sep06  
*Pleromelloida cinerea* 14Sep23;  
*Pleromelloida conserta* 12Apr08; 14Apr03;  
*Polia nimbosa* 11Apr24  
*Protorthodes rufula*;  
*Xestia xanthographa* 14Aug22;  
*Xylena nupera* 12Apr09; 14Mar10;  
*Zothea tranquilla* 10June10; 10Jul05; 11Jul18; 12Jul08; 13Jun05; 13Jun27  
 Unidentified noctuid 12Aug20; 13Oct07;  
 Unidentified plusiine 11Apr24

#### NOLIDAE

*Meganola minuscula* 14May16;  
*Nola minna* 11May03; 12Apr09; 14Apr27;  
*Nycteola cinerea* 10Aug07; 14May16;  
*Nycteola frigidana* 10Jul22; 10Jul23; 10Aug06; 13Jul17; 13Jul17;

#### NOTODONTIDAE

*Furcula scolopendrina* 10Aug03; 10Aug13;  
*Gluphisia severa* 14Apr03;  
*Nadata gibbosa* 14Jun08;  
*Schizura unicornis* 10Oct03; 12Aug12; 14Oct07;

#### NYMPHALIDAE

*Aglais milberti* 10Jul29; 13Apr23; 13Apr28; 13May01; 13May08; 13Jun02; 13Jun08;  
 13Jul03; 13Jul09; 13Jul22; 14Apr03;  
*Boloria epithore* 11Sep09; 13Jul09; 13Jul23;  
*Cercyonis pegala* 11Sep10; 12Aug06; 12Aug22; 13Jul27;  
*Coenonympha tullia* 10Jun16; 10Jun22; 11Jun09; 12May28; 12Aug22; 13Jun01;  
 14May29;  
*Danaus plexippus* 11Aug11  
*Limnitis lorquini* 10May15; 10Jun01; 10Jun10; 10Jun17; 10Jul03; 10Aug10  
 11May24; 11Jul06; 11Aug02; 11Aug26; 12Jul05; 12Sep09;  
 12Sep14; 13May27; 13Jun08; 13Jun11; 13Jun12; 13Jul01;  
 13Jul03; 13Jul09; 14Apr11; 14Jun01; 14Jun03; 14Jun08;  
*Morpho peleides* 14Sep18;  
*Nymphalis antiopa* 10Jun07; 11Jun12; 11Jul07; 12Apr20; 12Sep08; 13Mar27;  
 13Apr16; 13Apr22; 13Apr25; 13May01; 13May04; 13Jun01; 13Jun06;  
 13Sep13; 13Oct09; 14Feb28; 14Apr07; 14Apr11; 14Jun08;  
*Nymphalis californica* 10Mar26; 10Apr20; 13Apr05; 13Apr22;  
*Oeneis nevadensis* 12Jul05; 12Jul10; 13Jul09;  
*Phyciodes mylitta* 10Aug07; 10Aug12; 12Jul26; 12Aug08; 12Sep17; 13Apr28; 13Jun01;  
 13Jun02; 13Jul28; 14May21;  
*Phyciodes pratensis* 13Jun01;  
*Polygonia faunus* 12Apr11; 12Apr24; 12May14; 12Aug04; 13Apr02; 13Apr16;

13Apr22; 13May01; 13May30; 14Apr03; 14Apr11; 14Apr15; 14Apr20;  
 14Jul06;  
*Polygonia gracilis* 11Sep09; 12Sep08; 12Sep17; 13Apr14; 13Jul22; 14Jul17;  
*Polygonia oreas* 12Oct05;  
*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;  
*Polygonia* sp. 12Aug19; 13Jul04;  
*Speyeria hidaspe* 12Sep17; 12Oct05; 13Jun18; 13Jul03; 13Jul09;  
*Vanessa annabella* 13May20;  
*Vanessa atalanta* 10Jul22; 10Aug06; 11Jul16; 11Jul21; 11Aug01; 13Jul06; 13Jul12;  
 14Jun01; 14Jul10;  
*Vanessa cardui* 10Nov13; 11Jun02; 11Aug01; 12Jun30; 12Sep14; 12Sep17; 13May20;  
 13Jun04; 14May08; 14May29; 14Jun08; 14Jul10; 14Sept27; 14Oct07;  
*Vanessa virginiensis* 12Sep09;

#### OECOPHORIDAE

*Carcina quercana* 11Jul11; 12May15;  
*Endrosis sarcitrella* 10Sep17; 14Mar18;  
*Hofmannophila pseudopretella* 12Nov08;

#### PAPILIONIDAE

*Papilio eurymedon* 10Jun05; 10Jul08; 11Jun23; 11Jul07; 12May31; 12Jul31; 14May21;  
 14Jun01;  
*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;  
*Papilio zelicaon* 10Apr21; 10Jul08; 11Jun02; 12Jun17; 13Jun18; 13Jul16; 13Jul25;  
 14Jun08;  
*Parnassius clodius* 13Jun15; 13Jul22; 14Aug06;  
*Parnassius smintheus* 14Aug06;

#### PIERIDAE

*Anthocharis sara* 10Mar26; 10Apr28; 11Jun12; 12Apr17; 12Apr18; 13Apr08; 13Apr23;  
 13May05; 13May19; 13Jul03; 13Jul10; 14Apr20; 14May19;  
 14Jun01;  
*Colias eurytheme* 14Aug22; 14Aug25; 14Sep07;  
*Colias occidentalis* 13Jul14;  
*Colias* sp. 14Jul22;  
*Neophasia menapia* 10Aug15; 11Aug14; 11Aug17; 11Aug14; 11Aug16; 11Aug26  
 11Aug29; 12Aug06; 13Jul21; 13Jul28;  
*Pieris marginalis* 10Jul26; 10Aug03; 11Jul07; 13Apr08; 13Apr25; 13Jun16;  
*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;

#### PLUTELLIDAE

*Eucерatia castella* 10Apr10; 10Jun14; 11May18; 12May01; 12Jun25  
*Eucерatia securella* 12May04;  
*Plutella xylostella* 12Oct19; 12Oct28; 14Aug12;  
*Rhigognostis interrupta* 14Mar28;

#### PTEROPHORIDAE

*Emmelina monodactyla* 10Aug18; 12Sep15; 13Jun24; 13Jul08; 13Oct07;  
Unidentified 12Aug22;

#### PYRALIDAE

*Oreana unicolorella* 14Sep18; 14Sep23;  
*Plodia interpunctella* 12Nov19;

#### SATURNIIDAE

*Antheraea polyphemus* 10Jul16; 11Jul05; 12Jul07; 12Sep07; 12Sep11;  
13Jun16; 14May23; 14Jul10; 14Aug25; 14Sep18;  
*Hemileuca eglanterina* 10Sep28; 11Aug05  
*Hyalophora euryalus* 10Jun04; 13Apr28; 13May08; 13May29; 14May16;

#### SESIIDAE

*Albuna pyramidalis* 14Aug16;  
*Paranthrene robiniae* 11Aug26;  
*Synanthedon novoensis* 14Jul10;

#### SPHINGIDAE

*Hyles lineata* 14Jun30; 14Aug25; 14Aug29; 14Sep01; 14Sep13; 14Oct20;  
*Paonias excaecatus* 14May16;  
*Smerinthus cerisyi* 10Sep28; 11Jul25; 12Jul08; 12Aug23; 13May16; 13Jun27; 13Jul19;  
13Jul20; 13Aug23; 14May23;  
*Sphinx perelegans* 14Jun08;  
*Sphinx* sp. 10Aug13

#### SYMMOCIDAE

*Oecogonia quadripuncta* 13Sep01;

#### TINEIDAE

*Tinea pellionella* 12Dec23;  
*Tineola bisselliella* 11Jul07; 12Jun01; 12Dec25;

#### TORTRICIDAE

*Acleris albicomana* 11Jun16;  
*Acleris fragariana* 14Sep07;

*Acleris gloverana* 10Aug13  
*Acleris minuta* 10Aug05;  
*Acleris nivisellana* 14May16;  
*Acleris rhombana* 13Oct15; 14Sep18;  
*Acleris* sp. 14Mar08;  
*Ancylis apicana*: 13Sep23;  
*Archips podana* 11Jul04;  
*Archips rosanus* 11Jul04  
*Choristoneura rosaceana* 10Jul16; 11Jun14; 12Sep07; 13Jun05; 13June09; 13Jun11;  
*Dichrorampha vancouverana* 13Jul14;  
*Ditula angustiorana* 11Jul07  
*Grapholata lunatana* 11Apr23  
*Hedya nubiferana* 11Jun07; 14May16;  
*Olethreutis glaciana* 12Aug14;  
*Pandemis cerasana* 13May23; 14Jun01;  
*Pandemis* sp. 11Jun14  
*Syndemis afflictana*?? 12Dec03;  
 Unidentified 11Jul26; 13Jun08;

#### URANIIDAE

*Callizzia amorata* 13Aug04;

#### YPONOMEUTIDAE

*Yponomeuta padella* 10June08; 10Jun28; 13Jun24; 14Jun01; 14Jul20;

Unidentified pyraloid 12Oct16;  
 Unidentified moths 13Jul14; 13Jul23;

### Neuroptera

#### CHRYSOPIDAE

*Chrysopa* sp. 10Jun16; 12Jul07;  
*Eremochrysa* 14Apr11;  
 Unidentified 10Aug31; 11Jun13

#### HEMEROBIIDAE

Unidentified 10Aug23; 13Aug27;

#### MYRMELEONTIDAE

*Myrmeleon exitialis* 13Aug04;  
 Unidentified 13Jul29;

### Odonata

#### AESHNIDAE

*Aeshna canadensis* 10Jul30; 11Aug14;  
*Aeshna interrupta* 10Jul30; 11Aug14;  
*Aeshna palmata* 12Sep24; 12Sep26; 12Sep30; 12Oct03; 12Oct06; 12Oct16; 13Aug27;

*Aeshna palmata/umbrosa* 11Jul14; 11Sep11  
*Aeshna umbrosa* 11Aug14; 11Aug14  
*Anax junius* 10Jul14  
*Rhionaeschna californica* 10May 15; 11Jun07; 13Apr29; 13May14; 13Jun03; 13Jun11;  
 14May21;  
*Rhionaeschna multicolor* 10Jun18; 10Jul20; 10Jul22; 10Jul31; 12Oct07; 13Jun24;  
 13Jun29; 13Jul01; 13Jul06; 13Jul09; 14May01;  
*Rhionaeschna* sp. 11Jul19;

#### COENAGRIONIDAE

*Amphiagrion abbreviatum* 13Jul02;  
*Enallagma boreale* 10Jun25  
*Enallagma carunculatum* 10Jul02; 10Aug23; 13Jun29; 13Jul09; 14May21; 14Jun01;  
*Ischnura cervula* 10Jul02; 11May20; 12May01; 13Apr23; 13Jul06; 14Apr24; 14May01;  
 14May13;  
*Ischnura erratica* 10May24  
*Ischnura perparva* 10Jul02; 13Jun11;  
*Ischnura* sp. 13May01;  
 Unidentified 13Jun01;

#### CORDULEGASTRIDAE

*Cordulegaster dorsalis* 12Jul28;

#### LESTIDAE

*Lestes congener* 12Sep30; 13Aug27;

#### LIBELLULIDAE

*Erythemis collocata* 11Aug5; 12Jul13; 13Jul07; 13Jul30; 14Jul03;  
*Leucorrhinia hudsonica* 12Aug22; 14Jul17;  
*Leucorrhinia intacta* 10Jul12; 13Jul01; 13Jul07; 14Jun01;  
*Leucorrhinia proxima* 10Jul14  
*Libellula forensis* 10Aug17; 11Jun07; 12July28; 13Jun09; 13Jul01; 13Jul30; 14Jul03;  
*Libellula lydia* 10Jul12; 11Jun24; 11Jul07; 13Jul07;  
*Libellula quadrimaculata* 10Jul12; 10Jul14; 11May21; 13Jun29; 13Jul01; 13Aug23;  
 14May21; 14Jun01;  
*Pachydiplax longipennis* 10Jun22; 10Jul14; 10Jul30; 13Jun29; 13Jul09; 13Jul30;  
 14Jun08; 14Jul30;  
*Sympetrum corruptum* 10Oct13; 12Aug26; 13Oct14; 13Oct15;  
*Sympetrum costiferum* 13Jul02;  
*Sympetrum danae* 12Sep27; 12Oct07;  
*Sympetrum illotum* 10Jun14; 10Jul12; 10Jul14; 10Jul23; 13Jun14; 13Jul01; 14Jun01;  
*Sympetrum madidum* 12Aug20;  
*Sympetrum obtrusum* 10Jul26; 10Aug15; 11Aug14; 12Sep29;  
*Sympetrum pallipes* 10Jul14; 11Aug05; 12Aug20; 12Oct01; 12Oct06; 13Jul30;  
*Sympetrum vicinum* 10Aug16; 11Aug17;  
*Sympetrum* sp. 12Sep24; 13Jun29; 13Jul01; 13Jul06;

Unidentified 13Jul02;

## Orthoptera

### ACRIDIDAE

*Arphia pseudonietana* 10Sep25;  
*Camnula pellucida* 12Oct 14;  
*Dissosteira carolina* 10Aug04; 13Jul09;  
*Melanoplus bivittatus* 10Aug18;14Sep05;  
*Melanoplus sanguinipes* 12Oct14;  
*Melanoplus* sp. 10Jul22;  
*Trimerotropis fontana* 12Oct 14;  
*Trimerotropis fontana/verruculata* 12Sep26  
*Trimerotropis pallidipennis* 12Oct 14;  
*Trimerotropis verruculata* 10Oct 01;  
 Unidentified 12Sep14; 13Sep22;14Sep01;

### GRYLLIDAE

*Gryllus pennsylvanicus* 10Sep25

### TETRIGIDAE

Unidentified 10Aug30

### TETTIGONIIDAE

Unidentified 13Jul29

## Phthiraptera

### PHILOPTERIDAE

Presumed *Strigiphilus acadicus* 11Dec04

## Plecoptera

### CHLOROPERLIDAE

Unidentified 14Apr20;

## Raphidioptera

*Agulla* sp. 14May08;  
 Unidentified 13May15;

## Thysanoptera

Unidentified 13Jun03;

## Thysanura

### LEPISMATIDAE

*Ctenolepisma longicaudata* 12Oct09; 13Dec08;14Nov01;

*Thermobia domestica* 10Sep17; 11Apr24; 12July07; 13Jan03; 14Nov01;

## Trichoptera

Unidentified 12Sep29; 14Sep01; 14Oct28;

## MALACOSTRACA

### Isopoda

#### ARMADILLIDIIDAE

*Armadillidium vulgare* 10May17

#### ONISCIDAE

*Oniscus asellus* 10Apr19

As noted under Lepidoptera 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, Erebiidae, 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.

Erebiidae 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 that have not (yet) appeared on our Invert Alert site. The footman moths were formerly subfamily Lithosiinae, but are now demoted to tribe Lithosiini.

The remaining subfamilies of Erebiidae 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 Erebiidae.

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.

