

Revised 2017 November 18

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) 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 noctuid taxonomy to the new.

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

ARACHNIDA**Acari**

ANYSTIDAE

Anystis sp. 15Jun16;

BDELLIDAE

Neomolgus littoralis 17Jan31;

ERIOPHYIDAE

Aceria genistae 17Mar18;

ERYTHRAEIDAE

Unidentified 10Jul27

GAMASIDAE

Poecilochirus sp.16Jun14;

IXODIDAE

Ixodes (probably *auritulus*) 10Jul14;*Ixodes pacificus* 14Apr11; 17Apr11; 17Apr18;

TROMBIDIIDAE

Unidentified 17Apr18;

Araneae

AGELENIDAE

Eratigena agrestis 17Nov02;*Eratigena atrica*;15Sep06; 15Sep18; 16Feb05;16Dec02;16Dec30; 17May07;17Aug09;

AMAUROBIIDAE

Callobius severua 16Nov09;*Callobius* sp. 11Jun20;

ANTRODIAETIDAE

Antrodiaetus pacificus 14Nov01; 15Sep06;15Oct09; 17Mar24;

ANYPHAENIDAE

Anyphaena sp. 14May08;

ARANEIDAE

Araneus diadematus 11Aug01; 12Nov16; 13May19; 15Aug12;15Sep23;15Nov11;

16May16;16Jun17;16Jul23;16Aug29; 16Sep21; 16Sep25; 16Oct05;
16Nov02; 17May07; 17May26;17Aug11;

Araneus saevus 17Sep20;
Araneus trifolium 15Aug17; 15Sep13;
Araniella displicata 17May01; 17Jun04;
Cyclosa conica 17Apr22;

CLUBIONIDAE

Clubiona sp. 17Apr06;

CYBAEIDAE

Cybaeus signifer 16Oct25;

DYSDERIDAE

Dysdera crocata 17May31;17Nov02;

GNAPHOSIDAE

Scotophaeus blackwalli 14Oct28; 15Aug13;15Oct13; 16Apr07; 16May08; 16Aug02;
Sergiolus columbianus 17Apr11;
Sergiolus sp. 17Jun14;

LYCOSIDAE

Alopecosa kochi 14Feb14; 17May15;
Arctosa perita 10Apr23;
Pardosa vancouveri 14Apr03; 16Mar19; 17Mar29;17Apr10;17Apr13; 17Apr18;
Pardosa sp. 15Nov11;16Feb16;

LYNIPHIIDAE

Neriene sp. 16Apr20;
Prolinyphia sp. 11Jun08
Unidentified 17Apr17;

PHILODROMIDAE

Philodromus dispar 10May26; 14May12;16Feb22; 16May06; 16May24;
Philodromus rufus 16Dec02;
Philodromus oblongus 14Apr24;
Philodromus sp. 17Mar28;

PHRUROLITHIDAE

Phrurotimpus borealis 17Jul27;

PISAUROIDAE

Dolomedes triton 10Mar24; 12May01;

PHOLCIDAE

Pholcus phalangioides 15Feb17; 16Aug02;

SALTICIDAE

Eris militaris 10May26; 14May01;
Evarcha prozyskii 16Apr13; 16Apr22; 17Apr30; 17Aug03;
Metaphidippus manni 10Jun28
Phidippus borealis 10Apr16; 10Apr14
Phidippus johnsoni 13Jun03; 13Jun18; 15Apr30; 15Aug21; 15Aug27; 16May30; 16Oct11;
 17May23;
Platycryptus californicus 16Mar28; 16Jul25; 17May08; 17May26;
Salticus scenicus 10Jul09; 11Apr19; 16May19; 17Apr12; 17Apr12; 17May19; 17May26;
 17Aug27; 17Oct21;
 Unidentified 10Jul08; 11Apr09; 11Apr19; 13Jun03; 14May13; 16May04; 16Nov02;
 17Apr27;
 Unidentified dendryphantine 13Aug27;

TETRAGNATHIDAE

Tetragnatha versicolor 16Apr26;
Tetragnatha sp. 13May15; 14Apr20;

THOMISIDAE

Bassaniana utahensis 16Apr16;
Coriarachne brunneipes 16Apr16;
Habronattus americanus 17Jul27;
Mecaphesa sp. 17Jul27;
Misumena vatia 10Jul11; 13Apr07; 15Jun05; 15Jun07; 15Aug12; 16Apr24; 16Jun06;
 16Sep21; 17Jun14; 17Jul05; 17Jul30;
Xysticus cristatus 15Sep19;
Xysticus sp. 14Apr11;
 Unidentified 13May12;

THERIDIIDAE

Latrodectus hesperus 14Sep27; 16Jan12;
Parasteatoda tepidariorum 17Feb24;
Steatoda grossa 16Jan06; 17Jun26; 17Sep23;
Theridion sp. 15Jun22;

Opiliones

PHALANGIIDAE

Phalangium opilio 11Aug26; 16May04; 16Jun27; 17Jun08;

SCLEROSOMATIDAE

Leiobunum sp. 17Feb07;

Unidentified 12Nov04;

Pseudoscorpiones

Unidentified 12Sep27; 17Apr18; 17May24;

CHILOPODA

Geophilomorpha

GEOPHILIDAE

Unidentified centipede 13Feb12;

CLITELLATA

Haplotaxida

LUMBRICIDAE

Lumbricus terrestris 15Feb09; 17Mar07;

DIPLOPODA

Polydesmida

POLYDESMIDAE

Unidentified 17Jan31;

XYSTODESMIDAE

Harpaphe haydeniana 11May16; 14May14; 15May15; 15Jul29; 17Apr18;

Unidentified 15Oct03; 15Oct27;

ENTOGNATHA

Collembola

DICYRTOMIDAE

Ptenothrix maculosa 16Apr12; 16Dec01; 17Apr25;

Unidentified springtail 16Sep13; 16Dec01;

ENTOMOBRYIDAE

Entomobrya intermedia 16Oct12;

Thysanura

LEPISMATIDAE

Ctenolepisma longicaudata 12Oct09; 13Dec08; 14Nov01; 17Jan01; 17Jan08;

Thermobia domestica 10Sep17; 11Apr24; 12July07; 13Jan03; 14Nov01; 15Nov28;
17Jan06; 17Jan08;

GASTROPODA

Pulmonata

ANADENIIDAE

Prophysaon andersonii 14Oct01; 16Sep11;
Prophysaon foliolatum 16Sep25;

ARIONIDAE

Ariolimax columbianus 10Jul03; 12Oct21; 13Mar27; 15Sep01; 16Sep25;
Arion rufus 12Sep19; 13Jul03;
Arion subfuscus 14Oct15;

BRADYBAENIDAE

Monadenia fidelis 10Jun15; 12Jun18; 14May12; 15Mar30; 16Jun24; 16Sep08; 16Oct18;
 17Apr09;

CIONELLIDAE

Cochilocopa lubrica 16Mar28;

DAUBEBAEIIDAE

Oxychilus alliarius 16Mar15;
Oxychilus draparnaudi 16Nov09;

HAPLOTREMATIDAE

Haplotrema vancouverense 17Mar19;

HELICIDAE

Cepaea nemoralis 11May19; 12Oct16; 12Oct21; 14May12; 15Mar28; 15Apr19;
 15May26; 16Apr14; 17Jun01; 17Jun16;
Cornu aspersum 10Jul08; 13Feb12;

LIMACIDAE

Lehmannia valentina 17Jun23;
Limax maximus 11Sep29; 14Nov01; 15Aug16;

POLYGYRIDAE

Cryptomastix germana 13Apr02;
Vespericola columbianus 16Sep13;

VERTIGINIDAE

Vertigo sp. 15Mar23; 16May03; 16Sep28; 16Oct16; 16Nov02; 17Feb20;

Unidentified 17Mar12;

INSECTA Coleoptera

APELLABIDAE

Merhynchites bicolor 11Jun08;15May13; 15May23;

BOTHRIDERIDAE

Oxylaemus validus

BUPESTRIDAE

Agrilus (perhaps *burkei*)15May24;

Bupestris aurulenta 10Jun22; 12Jul12; 15Jun05; 16Apr01; 16May23; 16May24;
16Aug01;17Jun19;

Unidentified17Jun26;

BYTURIDAE

*Byturus unicolor*15May13;

CANTHARIDAE

*Dichelotarsus melvillei*15Jun06;

*Podabrus cavicollis*17Jul05;

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

Rhagonycha fulva 11Jul27;

Silis sp. 16Apr22;

Unidentified 11May21

CARABIDAE

Amara sp. 11May20;15Aug28;

Carabus granulatus 13Jun03;15May31;

Carabus nemoralis 13Feb12;

Cicindela oregona 10Apr23; 11Apr24; 12May01; 16May19;

Cicindela tranquebarica 16May03;

Elaphrus sp. 11May21;

Omus dejeanii 15May01; 17Jul27;

Pterostichus algidus 16Feb12;17May09;17Nov02;

Pterostichus melanarius 11May20;

Pterostichus sp. 17May22;

Scaphinotus angusticollis 15Nov01;

Unidentified 10Apr23; 11May21; 13Jun03;

CERAMBYCIDAE

Anoplodera pubera 16Jul19;
Centrodera spurca 16May31;
Cosmosalia chrysocoma 10Jul09; 17Jun20;
Grammoptera subargentata 10Jul10; 11Jun08
Holopleura marginata 15May13;
Leptura obliterata 10Aug18; 15Jul21; 16Jul15; 16Jul21; 17Aug20;
Lepturobosca chrysocoma 15Jun22; 16Jun09; 16Jun27; 16Sep20;
Monochamus mutator 17Jul31;
Necydalis sp. 15Jun29;
Neoclytus conjunctus 16May23;
Pachyta armata 15June17;
Phymatodes sp. 15Jun29;
Pidonia scripta 15May27;
Plectrura spinicauda 14Apr07; 16Mar28;
Prionus californius 17Jul08;
Prionus sp. 10Aug14; 13Jun01; 15Jul03;
Rhagium inquisitor 16May05;
Rosalis funebris 16Aug28;
Saperda calcarata 13Jul07;
Strophiona laeta 17Jul27;
Trichocnemis spiculatus 17Aug02;
Xestoleptura crassicornis 15Jun29; 15Jun30; 15Jul25;
Xylotrechus longitarsus 11Oct28
Xylotrechus nauticus 10Jul31
 Unidentified 11Jun13; 13Jun30; 13Jul03; 13Jul07; 15Jun22; 16May04;
 LEPTURINAE
 Unidentified 15Jun08;

CHRYSOMELIDAE

Altica sp. 10Aug02;
Bruchidius villosis 16Jun09;
Calligrapha californica 14Jul20;
Chrysolina hyperici 10Jun20; 16May24;
Donacia sp. 14May13;
Plateumaris sp. 15Nov22;
Pyrrhalta viburni 13Jun09; 14May19;
 Unidentified donaciine 16Jul19;
 Unidentified 13May20; 14May01; 17Jun16;

CIIDAE

Cis sp. 17Apr03;
Hadraule blaisdelli 17Sep23;

CLERIDAE

Enoclerus eximius 15Apr18; 16May05; 17Jun19;

COCCINELLIDAE

Adalia bipunctata 10May17; 11Jun13; 16Apr16;16Apr30; 16May25; 16Jun06; 16Sep26;
 17Apr28;
Anatis rathvoni 16Mar25;
Anisosticta bitriangularis 16May05;
Calvia quatuordecimguttata 17May08;
Coccinella septempunctata 10Jun30; 10Jul23; 15Sep28; 16Apr27; 16Jul03;17Mar15;
Coccinella trifasciata 10Jul19; 16May23;
Harmonia axyridis 10Jun14; 10Jun22; 10Jun28; 10Jun30; 10Jul08; 14May08;14Jun08;
 15Oct11;16Apr19; 16Apr24;16Apr27;; 16May08; 16May30;
 16June24; 16Jul06; 16Sep26; 17Apr29; 17May07;17Aug30;
Hippodamia tredecimpunctata 11May25; 14May13;
*Myzia subvittata*15Jul12; 15Jul22;
*Psyllobora vigintimaculata*15Aug14; 16Sep25; 16Oct01; 17Oct30;
 Unidentified 13May21; 15Jul08;
 Coccinellid ova 16Apr26;

CURCULIONIDAE

Anthonomus eugenii 17Oct21;
Ceutorhynchus obstructus 15May08;
Cryptorhynchus lapathi 16May01;
Hylurgops rugipennis
Mecinus janthinus 10Jun28;
Mecinus pyraister 15May05;
Otiorhynchus singularis 10May26;15Mar31; 16Apr12; 17May29;
Otiorhynchus sulcatus 10Sep25;15Aug12;
Rhyncolus brunneus 15Mar16;
Sciaphilus asperatus 10Jun25
Sitona hispidulus 17Sep28;
Trachyphloeus bifoveolatus 15Feb17;
Xyleborus sp. 15Mar16;
 Unidentified 13Aug27;14May08;

DERMESTIDAE

Anthrenus verbasci 12Feb18; 13Jan31;16Mar19; 17May 31;

DYTISCIDAE

Dytiscus sp. 15Jul31;
 Unidentified 15May17;

ELATERIDAE

Agriotes lineatus 11May22;17May27;
Alaus melanops 16Jun09;
Athous scissus 15Jun30;
Cardiophorus sp. 16May23;
Megapenthes sp. 15Aug12;

Selatosomus suckleyi 15Apr22; 17May07;
Selatosomus sp. 15Sep08;
 Unidentified 10Aug02; 11Jun06; 16Apr13;
 Unidentified Dendrometrinae – Prosternini

EROTYLIDAE

Cryptophilus integer 15Jul03;

EUCINETIDAE

Nycteus infumatus 15Mar16;

GEOTRUPIDAE

Odonteus obesus 17Aug02;

HETEROCELIDAE

Unidentified 16April22;

HISTERIDAE

Hister militaris 16Apr18;
Margarinotus purpurascens
 Unidentified 10Aug05

LAMPYRIDAE

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

LATRIDIIDAE

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

LUCANIDAE

Platycerus oregonensis 15May13;
Sinodendron rugosum 17Jun02;

LYCIDAE

Dictyopterus simplicipes 14Apr07;

MELYRIDAE

Endeodes collaris 15Apr15;

MELANDRYIDAE

Prothalpia holmbergi 15Jun06;

MELYRIDAE

Listrus sp. 17Apr21;

MORDELLIDAE

Unidentified 10Jul23

NITIDULIDAE

Crytarcha ampla 15Jun30; 16April22;
Epuraea sp. 15May05;
Glischrochilus quadrigatus 15May24

OEDEMERIDAE

Ditylus quadricollis 16Jun05;

PTILIIDAE

Ptenidium sp. 15Jun06;
 Unidentified sp. 15May13;

PTINIDAE

Vrilletta decorata.15Apr20;

RHYSODIDAE

Clinidium calcaratum

SCARABAEIDAE

Polyphylla crinita 11Jul28; 13Jul01; 13Jul10;15Jun25;17Jan21; 17Jul05;
Polyphylla sp. 10Jul20
 Unidentified 16Dec01;

SILPHIDAE

Nicrophorus defodiens 11Sep22;16Jun14;
Nicrophorus sp. 16Sep25;
Thanatophilus lapponicus 16Nov14;

STAPHYLINIDAE

Anthobium sp. 15Dec21;
Megarthus pictus 15Jun14;
Rugilis orbiculatus 15Mar16;
Sonoma sp. 15May24;

TENEBRIONIDAE

Helops laetus 16May01;
Helops sp. 17Sep18;
*Isomira comstocki*15Jul11;
Uloma longula 15Aug12;

THORASCIDAE

*Aulonothroscus validus*15May13;

ZOPHERIDAE

Phellopsis porcata 15Mar16; 17Jul27;

Unidentified beetle 13Jun11;

Dermaptera

FORFICULIDAE

Forficula auricularia 13Nov01; 17May29;

Diptera

ANTHOMYIIDAE

Anthomyia procellaris 15Apr29;
Anthomyia sp. 15Apr17; 16Aug03;
 Unidentified 15Oct04; 16May19;

ASILIDAE

Eudioctria sackeni 16Jul26;
Laphria asturina 16May06; 17Jun26; 17Jul04; 17Sep28;
Laphria fernaldi 12Jun21; 17Aug06;
Laphria ferox 16Jul27;
Laphria ventralis 15Aug03; 16Jul06;
Laphria sp. 16Aug02;
Neomochtherus willistoni 12Aug10; 17Aug03;
Nicocles canadensis 16Apr22; 17Apr 28;
Nicocles rufus 15May12;
Nicocles sp. 13May30;
Stenopogon inquinatus 17Aug07;
Scleropogon (perhaps *bradleyi*) 10Jul22
 Unidentified 10Jul20; 11Aug26; 11Sep11

BIBIONIDAE

Bibio sp. 10Apr19; 14Apr07; 15Apr02;

BOMBYLIIDAE

Anthrax sp. 15Jul29; 16Jun02; 16June29; 16Jul03;
Bombylius major 15Apr15; 16Apr15; 16Apr29; 17Apr28;
Bombylius sp. 17Apr25; 17Apr30;
Hemipenthes morio 10Jul10;
Systoechus oreas 16Jul04;
Systoechus sp. 10Jul20;

Villa sp. 10Aug07; 10Aug27; 15Aug03; 16Aug01;
 Unidentified 10Jun01; 10Jun22; 11Apr19; 14Apr03;

CALLIPHORIDAE

Calliphora vomitoria 12Oct05; 16May19;
Calliphora sp. 11Mar26
Lucilia sp. 10Jul21; 11Jun01; 14Sep01; 15Sep04; 16Apr28; 16May27; 16Jun03; 16Jul25;
Pollenia sp. 11Mar20; 17Mar04; 17Mar07;
 Unidentified 12Oct02;

CHIRONOMIDAE

Unidentified 13May01; 14Feb01; 16Nov30; 17Mar27; 17May07;

COELOPIDAE

Coelopa sp. 11Mar20

CONOPIDAE

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

CULICIDAE

Unidentified 16Apr01; 17Jun10;

DOLICHOPODIDAE

Condylostylus sp. 10Jun28
Dolichopus sp. 11Jun13
 Unidentified 10Jul17; 10Jul21; 15Jun08;

DRYOMIZIDAE

Dryomyza anilis 17Oct24;
Oedoparena glauca 16Mar21;

EMPIDIDAE

Hybos sp.?
 Unidentified 14May08;

LAUXANIIDAE

Unidentified 16Jul11; 16Jul23;

MUSCIDAE

Helina sp. 14May08; 15Oct25;
Phaonia atriceps 17Mar30;
Phaonia rufiventris 15Apr16;
Phaonia sp. 17May13;

PELECORHYNCHIDAE

Pseudoerinna jonesi 10Aug08

PSYCHODIDAE

Clogmia albipunctata 15Sept24;
Unidentified 12Sep19;

RHAGIONIDAE

Chrysopilus sp. 11Jun13; 15Jun29;
Rhagio sp. 11Jun13; 15Jun29; 17Aug07;
Unidentified 13Jun11;

SARCOPHAGIDAE

Sarcophaga sp. 15Apr28; 17May 31;

SCATHOPHAGIDAE

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

SCIOMYZIDAE

Sepeda americana 17Apr10;
Unidentified 14May13; 16Sep21;

SEPSIDAE

Unidentified 11Jun06

STRATIOMYIDAE

Chloromyia sp. 12Oct21;
Exaireta spinigera 16Nov10;
Sargus decorus 16Oct04;
Unident. 16May30; 16Jun03;

SYRPHIDAE

Cheilosia sp. 15Aug14;
Chrysotoxum sp. 17May22;
Criorrhina nigripes 16Feb26;
Criorrhina sp. 14May01;
Eristalinus aeneus 16Jun04; 17Apr13;
Eristalis arbustorum 10Aug27
Eristalis tenax 10Mar12; 10May26; 11Jun01; 15Sep23; 16May30; 16Jun03; 17Feb14;
17Jun10; 17Oct21;
Eristalis sp. 15Oct25; 17Jun04;
Eupeodes americanus 10Mar12;
Eupeodes sp. 10Jun17; 10Jul08; 11Jun06; 15Apr21;
Helophilus sp. 10Aug27
Megasyrphus laxus 10Aug03;
Melanostoma mellinum 17Jul24;
Meliscaeva cinctella 17Sep20;
Merodon equestris 10Jun17; 14May14; 16May27; 17May24; 17Jun02; 17Jun03;

Myathropa florea 16Jun30;
Orthonevra sp. 10Jul10;
Polydontomyia curvipes 17Sep20;
Scaeva pyrastris 10May26;
Sericomyia chalcopyga 15Jun05; 17Apr27;
Sericomyia chrysotoxoides 10Sep25
Sphaerophoria sp. 10Aug18; 10Aug31; 17Jun01;
Syrirta pipiens 10Jul08; 16May30; 16Jul11; 16Aug01;
Syrphus sp. 16May23; 17Apr17;
Toxomerus sp. 10Jul10
Xylota sp. 10Jul19; 11Jun14
 Unidentified 12Oct04; 12Oct16; 13Mar29; 13May14; 13Jun11; 13Jun30; 14Mar14;
 14Apr03; 14Apr20; 14Apr24; 14May21; 15Apr29; 15Sep28; 16Apr22; 16Jul15;
 16Aug29; 17Apr25;

TABANIDAE

Chrysops sp. 10Aug07;
Hybomitra sp. 16May27;
 Unidentified 10Jul17; 16Jul01;

TACHINIDAE

Cylindromyia sp. 10Aug31
Epalpus signifer 15May24; 17Apr13; 17Apr18; 17May11;
Graphogaster sp. 15Aug14;
Phasia sp. 10Aug15
Tachina sp. 10Aug31
 Unidentified 10May04; 12Sep26; 12Oct02; 13Mar29; 15Mar04; 15Apr29; 15May17;\n
 16Jun09; 16Jul11;

TEPHRITIDAE

Rhagoletis basiola 10Jul21; 15Jul21;

THEREVIDAE

Unidentified 10Jul20

TIPULIDAE

Limonia nubeculosa 17Oct29;
Tipula paludosa 16Apr29;
Tipula sp. 15Apr21; 15Jun01;
 Unidentified 11May22; 12Sep08; 13Oct06; 13Nov22; 14Apr20; 14May01; 15Apr05;
 17Mar27; 17Jul24;

TRICHOCERIDAE

Unidentified 17Mar20;

ULIDIIDAE

Chaetopsis sp. 10Jul21

Unidentified Dipteran 13Jun30;

Ephemeroptera

BAETIDAE

Callibaetis ferrugineus 17May19;

Callibaetis sp. 14Apr20;

Unidentified 13Jun11;

Hemiptera

ALEYRODIDAE

Unidentified 15Sep26;

ACANTHOSOMATIDAE

Elasmucha lateralis 16Jul21;

APHIDIDAE

Eriosoma sp.

Prociphilus sp.

Unidentified 16Sep20;

BERYTIDAE

Unidentified 16Sep21;

CERCOPIDAE

Philaenus spumarius 10Jul08; 10Jul19; 16Apr30; 16Jul15;

Unidentified 17Jun10;

CICADELLIDAE

Colladonus montanus 15May27;

Edwardsiana rosae 16Nov01;

Hordnia atropunctata 16Apr13; 17May07;

Unidentified 16Jun03;

CICADIDAE

Okanagana sp. 12July28; 15June17; 16May25;

Platypedia areolata 11Jul28;

Unidentified 16Apr22;

CIXIIDAE

Unidentified 15Apr15;

COREIDAE

Leptoglossus occidentalis 10Mar12; 10Sep18; 12Oct05; 13Oct08; 14Sep27;14Nov10;
15Feb09; 15Aug16;15Oct11;16Sep23; 16Sep28;16Oct10;
16Oct11;17Mar05; 17Aug31;

ERIOSOMATIDAE

Eriosoma lanigerum 12Oct06;

GERRIDAE

Gerris sp. 10Mar24;

LYGAEIDAE

Lygaeus kalmi; 17May 31;

MEMBRACIDAE

Platycotis vittata 15Jul14;16Oct03;

MIRIDAE

Lygus hesperus 10Jul11;
Lygus sp. 15Jul06;
Phytocoris sp.15Aug10;
Prepops bivittis 10Aug07;
Stenotus binotatus 17Jul27;
Unidentified 13Jul01;

NEPIDAE

Ranatra sp. 17Jul27;
Unidentified 11May22

PENTATOMIDAE

Brochymena affinis 15Mar15;16Nov02;
Brochymena sp. 15 Mar15; 15May05; 16Feb02;16Mar21; 16Oct28;
Banasa dimiata 10May26; 11Mar26; 14May01; 17Jun26;
Chlorochroa uhleri 10May14
Chlorochroa sp 10Aug31; 10Sep04; 11Jun01; 16Sep21;17Aug25;
Cosmopepla conspicillaris 11Jun01;
Cosmopepla intergressa 15Jul24;
Elasmotethus cruciatus 10Jun25;16Dec01;
Euschistus conspersus 10Aug31; 11Jun08; 14May01;
Neottiglossa undata 10Jul19;
*Thyanta pallidovirens*15Jun06;
*Zicrona caerulea*15Apr29;
Unidentified13Aug27; 14May01;

REDUVIIDAE

Zelus tetracantha 16Jun27;

RHOPALIDAE

Stictopleurus punctiventris 10Sept 04

SCUTELLARIDAE

Eurygaster amerinda 10Sep04

Eurygaster sp. 16Apr24;

Hymenoptera

ANDRENIDAE

Andrena sp. 10Apr01; 10Apr23; 10Jul16; 10Jul20; 11Mar26; 15Mar31; 17Apr04;
17Apr10; 17Apr16; 17April19; 17April20; 17Apr24; 17May04; 17May08;

APIDAE

Apis mellifera 10Mar12; 13Mar 09; 14Mar14; 16Apr30; 16May06; 16Jul26; 16Jul31;
16Sep21; 17Apr02; 17Apr30; 17Jun05; 17Sep01;

Bombus centralis 16May25;

Bombus fervidus 15Nov 5; 16Apr20; 17Sep02;

Bombus melanopygus 15Oct28; 17Mar26; 17Apr12; 17Jun02; 17Jun03; 17Jun10;
17Jun14; 17Aug04;

Bombus mixtus 16Sep20; 17Jun03;

Bombus ternarius 11Mar26; 11Sep27; 13Mar10;

Bombus vosnesenskii 13Oct07; 14Apr24; 14Apr28; 15Jun03; 16Mar12; 16Jul07;
16Sep20; 17Apr20; 17Jun10; 17Aug30;

Bombus sp. 11Sep27; 15Aug12; 16Apr08; 16May21; 17May23; 17Jul27;

Ceratina sp. 16May01; 16Jul31; 17Jun05; 17Aug17;

Eucera sp. 14May13;

Habropoda sp. 10Apr16;

Melissodes microsticta 16Jun30; 16Jul08;

Melissodes sp. 16Jun05; 16June28; 16Sep06;

Nomada sp. 10Apr19; 16Apr08; 17May01; 17May26; 17Jun12;

Unidentified 10Mar22; 15Jun22; 15Aug08; 15Aug16; 15Aug28; 15Sep06; 16May11;
16May 12;

NOMADINAE Unidentified 17Apr27; 17Jul03;

BRACONIDAE

Atanycolus sp. 16April22;

Unidentified 13May14;

CHRYSIDIDAE

Chrysis sp. 17Jul27;

Unidentified 10Jul16; 15Sep29;

CIMBICIDAE

Cimbex americana 15May25;15Aug10;

Trichiosoma triangulum 12Jul08; 15Jul28; 16Apr08;16Jun18; 17Jun26; 17Jul27;

Zaraea sp 10May14

Unidentified 17Apr01;

CRABRONIDAE

Bembix americana 10Jul12; 11Sep27; 16Jul07; 16Aug08; 17Aug07;

Bembix sp. 15Aug13;17Jul27;

Crabro latipes 10Aug04

Ectemnius sp. 10Sep25;

Philanthus crabroniformis 16Jul04;

Unidentified 17Jul27;

CYNIPIDAE

Neuroterus saltatorius 12Oct23;

FORMICIDAE

Camponotus sp. 15Apr21; 17Apr27; 17May24;

Formica sp. 15Sep17; 16Sep20; 17Apr12; 17Apr27; 17May29;

Unidentified 12Sep08; 13May26; 15Aug12; 16Apr13; 16May10; 16Sep22; 16Sep23;

HALICTIDAE

Agapostemon texanus 16Aug08; 16Aug28;

Agapostemon sp. 11Sep27; 17Jun03; 17Jun09;

Halictus rubicundus 16Jul15; 16Jul28;16Jul31;

Lasioglossum zonulum 10Aug18

Lasioglossum sp. 10Apr19; 11Mar26; 16Jul11; 16Jul17; 17Jun04; 17Sep01; 17Sep02;

Unidentified 16Sep21;

ICHNEUMONIDAE

Ophion/Netelia. 10Aug17; 15Mar08; 15Mar22;15Jun19;

Opheltes sp. 15May21;

Pimpla sp. 17Aug07; 17Sep03;

Rhyssa sp. 15Jul06;

Unidentified 10Mar22; 10Aug06; 10Aug08; 10Aug15; 11Mar20; 11Jun14; 12Sep17;
13Apr23; 15Aug14; 16Sep21; 16Nov02; 17May08; 17Oct01;

ANOMALONINAE Unidentified 17Apr27;

MEGACHILIDAE

Anthidium manicatum 16Jul27;

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

Dianthidium sp. 16Jun30;

Megachile fidelis 16Sep06;

Megachile melanophaea 16Jul27;
Megachile perihirta 15Jul28; 16Jul13;16Jul20;
Megachile sp. 10Oct01; 11Jul19; 13Jun08; 14Sep01; 16Jul10;16Jul28;
Osmia lignaria 10Jul08;16Jul15; 17Apr04; 17April20;
Osmia sp. 16Apr29; 16Jul25;
 Unidentified 10Jul23; 15Sep04;17Oct14;

MUTILLIDAE

Dasymutilla sp. 16Jul07;

POMPILIDAE

Unidentified 10Aug23; 16Sep21;

SIRICIDAE

Urocerus albicornis 16Jul06;

SPHECIDAE

Ammophila sp. 17Aug07;
Podalonia sp. 10Apr23; 11Apr24;
Prionyx canadensis 16May30;
Prionyx parkeri 17Jul27;
Prionyx sp. 11Sep27;
Sceliphron caementarium 10Jul17; 11Jul19; 12Mar14; 16May19;16Jul17;
 Unidentified 13Mar05;

TENTHREDINIDAE

Dolerus sp. 16Apr22;
Eriocampa ovata 10Jun25
Eriocampoides limacina 12Sep29;15Oct09;
Hemichroa crocea 15Oct11; 17Aug28;
Nematus ribesii 13May21;
 Unidentified 11May22; 13May26; 16Apr13; 16Apr22;

TORYMIDAE

Megastigmus spermotrophus 15Apr27;

VESPIDAE

Ancistrocerus albophaleratus 16Sep05;
Ancistrocerus antilope 10Jul08;
Ancistrocerus sp. 16May05;
Dolichovespula arenaria 16Oct25;
Dolichovespula maculata 10Jul16;13Jun30;15Aug02;16Jul24;
Polistes dominula 10Apr16; 10Jul17; 10Jul20; 14 Jul26;15Jun01; 15Jun22; 15Aug02;
 15Aug03; 15Sep17;16May16; 17May31;17Jul24;
Vespula alascensis 11Sep27; 16Aug02;
Vespula germanica 17Apr17;

Vespula maculata 15May25;
Vespula pensylvanica 10Apr16; 17Aug30;
Vespula sp. 10Jul20; 11Jul14; 15Jul28; 16Sep21;16Sep22;
 Unidentified eumenine 10 Jun17; 10Sep04;
 Unidentified hymenopteran 12Oct17; 15June17;15Jul29;16Mar06;
 Unidentified wasp 16Apr17;

Lepidoptera

ALUCITIDAE

Alucita montana; 13Aug30; 13Sep02; 14May05;16Feb17; 16Jul23; 16Sep25;17Feb20;
 17Feb24; 17Aug27;

AUTOSTICHIDAE

Oegoconia novimundi 17Mar01;

CHOREUTIDAE

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

COSMOPTERYGIDAE

Sorhagenia nimbosea 14Jul22;

CRAMBIDAE

Anania hortulata 15May15;17Jul03;
Chrysoteuchia topiaria 10Aug23; 12Jun25;12Jul05;
Crambus sp. 12Sep17;
Eudonia sp. 15Sep08;
Herpetogramma pertextalis 10Jun23; 11Jul23; 15Jun29;
Herpetogramma thestealis 12Jul19;
Loxostege cereralis 16Aug29; 17Sep12;
Nomophila nearctica 13Sep28; 15Sep08;
Pyrausta californicalis 15Jul11;
Pyrausta perrubralis 16Jul07;
Udea profundalis 10Aug15; 12Sep07; 13June09; 13Aug30; 14May19; 15Jun19;
 15Aug29;16Apr17;16May16;16Sep08;
 Unidentified 16Sep05;

DEPRESSARIIDAE

Agonopterix alstroemeriana 11Apr05; 11Jun15; 11Jul01;
Agonopterix fusciterminella 16Apr13;
Agonopterix nervosa 13Nov13; 13Nov22;
Agonopterix oregonensis 17Apr23;
Depressaria pastinacella 13June09;
Semioscopus sp. 16Mar25;

DREPANIDAE

Ceranemota fasciata 13Oct06;15Oct11;15Oct12; 16Sep22; 17Oct10;
Drepana arcuata 14Aug29; 15Jul11;
Drepana sp. 16Oct24;
Euthyatira pudens 11Jun21; 12Apr 10; 12Jun25; 13Mar29; 13Jun17; 14Mar28;14May05;
Habrosyne scripta 11Sep17; 14Aug12; 16Sep25;
Pseudothyatira cymatophoroides 16Oct18;

EREBIDAE

ARCTIINAE

Cisseps flavicollis 14Sep18;
Clemensia albata 17Jul24;
Grammia complicata 12Jun15;
Hyphantria cunea 16Sep08; 16Sep11; 17Jun07;
*Leptarctia californiae*16May24;
Lophocampa argentata 10Apr19; 10Apr27; 10Aug08; 11Aug02; 12Jul03; 12Sep03;
 13Apr02; 13Jun29; 13Jul30; 13Oct07; 14May01; 15Apr07; 15Apr09; 15Jun24;16Jul21;
 17Mar24; 17May07;17May16;17May20; 17Jun26;17June29;
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;
Lophocampa roseata 11Nov12; 12Oct12; 14Oct22;15Jul22; 15Sep10; 16May01;
 17Oct04;
Neoarctia brucei 14Sep07; 14Sep13;
Pyrrharctia isabella 10May25; 10Nov13; 11Oct19; 12Feb04; 12May25; 12Oct10;
 12Oct16; 12Oct20; 12Oct24; 13Oct11; 14Feb01; 14Sep27; 14Oct15;
 15Oct03; 17Oct21;
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;
Tyria jacobaeae 10Jul30; 12Jun17; 12Jun18; 13Jul24; 14May23; 15May30; 15Jun23;
 15Jul26; 16May23; 17May23;
 Unknown woolly bear 17Aug18; 17Aug20; 17Aug24;

EREBINAE

Catocala aholibah 12Sep12; 13Mar20; 13May21; 13May28; 13Jun27; 13Oct07;
 16May06;16Sep06; 17May24; 17May25;
Catocala allusa 14Aug22;
Catocala briseis 16Jul04;
Catocala relictata 24Sept12;
*Catocala unijuga*15Aug16;
Catocala sp. 10Jul20; 14Sep18; 17Sep13;
Caenurgina erechtea/crassiuscula 13Jul25;
Cissusa indiscreta 14May01;

Drasteria divergens. 16Jun01; 16Jun05;
Euclidia ardata 14Jun08;15May17; 16May08;
Zale lunata 14Sep23; 17Aug28; 17Aug30; 17Sep02; 17Sep07; 17Sep11; 17Sep28;

HERMINIINAE

Idia americalis 2015Jun09;

HYPENINAE

Hypena californica 11Apr05; 11Jun08; 14Mar08; 14Apr03; 15Mar14;15Feb18;
 16Apr14; 16Apr29;16May16;
Hypena decorata 11May03; 12Apr23; 14Mar28; 14Apr07;15Mar01;16Apr07;
*Hypena humuli*15May12;
Hypena sp. 11May23; 12Aug25; 14Aug19; 14Sep10;

LYMANTRIINAE

Leucoma salicis 10May28; 10Jun15; 10Jun30; 12Jun17; 12Jun29; 13May27; 13Jun18;
 17May31; 17Jun01; 17Jun19;
Orgyia antiqua 12Aug19; 13Jul31;15Mar08; 15Jul29; 16Sep22; 17Feb24; 17Jun09;
 17Aug03; 17Aug18;
Orgyia pseudotsugata 17Sep21;

SCOLIOPTERYGINAE

Scoliopteryx libatrix 13Jun22; 13Jul13; 14Jun01;15Mar21; 16Jun19; 16Jul09; 17Apr17;

GELECHIIDAE

Athrips rancidella 12June17;
Chionodes mediofuscella 17Apr03;
Chionodes trichostola 13Aug27;
Chionodes sp. 12Dec03; 13Jan06;
*Gelechia panella*15Sep08;
Telphusa sedulitella 14Mar06;

GEOMETRIDAE

Anticlea vasiliata 14Mar28; 15Mar19; 15Apr22;
Archiearis infans 12Apr11; 13Apr16; 14Apr15; 15Mar08;
Biston betularia 11Oct13; 12Sep18;15Oct01;16Oct24; 17Sep11; 17Sep22;
Campaea perlata 10Jul30; 13May27; 14May01; 14May29; 14Aug06;16May15; 17Jul30;
Caripeta aequiliaria 14Aug03; 15Jul26; 17Jul30;
Chlorosea banksaria 11Aug02; 12Jul15;
*Cladara limitaria*15Apr24;17Apr01; 17Apr26; 17May08;
Coryphista meadii 13Aug27; 14Mar01; 14Apr03; 15Mar31; 15Apr26; 15May02;
 15Aug23; 16Feb05; 16Apr12; 16Apr18; 16April21; 16May06; 16May07;
 16May19;16Nov30; 17Jul23; 17Oct01;
Cyclophora dataria 14Apr20; 16Apr07; 16Sep19; 17May07;17May15; 17Jul08;17Jul11;
Cyclophora pendulinaria 13May12;
Digrammia muscariata 16May04; 16Jun11;
*Drepanulatrix monicaria*14Oct10; 15Mar16;15Jul05; 17Oct06; 17Oct15; 17Oct29;
Drepanulatrix secundaria 13Aug24; 13Oct06; 13Oct08; 13Oct10; 13Nov10; 14Apr15;

Drepanulatrix sp. 15Feb17;17Oct21;
Dysstroma citrata 13Oct25; 17Jul26; 17Oct06; 17Oct10; 17Oct21;
Dysstroma sobria 11Apr20; 11Apr30;
Ectropis crepuscularia 12Aug17;
Enchoria lacteata 13Mar28; 15Mar08; 16Mar13;
Ennomos magnaria 12Sep18; 12Oct02; 13Oct04; 15Oct11; 17Aug27; 17Sep01;
 17Sep30; 17Oct04;
Enypia packardata 13Jun16; 15Jun09; 16May25;
Enypia venata 12Aug09; 13Sep13;
Epirrhoe plebeculata 11Apr06; 13Apr02; 15Mar04;16Mar31; 16Apr20; 17Apr28;
Epirrita autumnata 13Oct10; 14Sep07; 14Oct20; 16Nov12; 17Oct29;17Nov8; 17Nov10;
 17Nov18;
Erannis "vancouverensis" 11Jun09; 12May28; 12Nov21; 13May18; 13May20; 13Jun01;
 13Nov04; 13Nov05; 13Nov07; 13Nov 29; 13Dec 23;14May08; 14May21;
 14Nov01;14Nov06;15May12;15May15;
Eulithis destinata 12Oct06;
Eulithis xylina 12May14; 12Jun08; 13May26; 13Jun24; 14May14; 14May29; 14Jul06;
 14Jul10;
Eupithecia annulata 14Apr07; 15Feb09; 15Mar09; 15Mar15; 15Mar21; 15May27;
 17Apr08;17April19;
*Eupithecia cretacea*15Jun03;
Eupithecia gilvipennata 12Apr09; 13Mar30; 15Mar20;15Mar 22;
Eupithecia graefii 14Apr07; 15Feb24;16Apr11; 17Sep16; 17Sep27;
Eupithecia maestosa; 13Aug23;
Eupithecia mutata/rotundopuncta 11Jun23; 14May19;15May10;
Eupithecia olivacea 12Apr02; 15Mar08;
Eupithecia ornata 11Jul26
Eupithecia ravocostaliata 11Apr05; 12Apr02; 14Mar18; 14Apr03; 15Mar28; 16Apr12;
 17Apr08;
Eupithecia satyrata 16Jun08;
Eupithecia unicolor 15Jun14; 15Jun23; 17Aug26;
Eupithecia sp. 11Aug26; 12Apr02; 12Apr02; 14Mar08;14Mar 24; 14Mar28; 15Feb07;
 15Feb09;17Aug12;
Eurrhyncha hortulana 14Jun30;
Gabriola dyari 15Jun19;
Hemithea aestivaria 11May26; 11Jun20; 11Jul16; 12Jul05; 12Sep29; 13May27;
 13Jun19; 13Jun24; 14May14; 14Jun03; 15Jun19; 15Jul08;
 16May06; 16May21; 16Jun10; 16Jun11; 16Aug03; 17Apr17;
 17May16; 17Jul05;
Hesperumia latipennis 10Apr07; 10May11; 15Jun30;
Hydrelia albifera 10Sep18; 12Aug20;
Hydriomena albifasciata 17Mar29;
Hydriomena californiata 17Apr25;
Hydriomena furcata 16Sep08;
Hydriomena irata 10Apr06;
Hydriomena manzanita 10Mar03; 13Mar30; 13Apr14; 14Mar10; 14Mar 24;16Mar31;

17Mar29;17Apr08; 17Apr26;
Hydriomena marinata 16Apr24;
Hydriomena nevadae 17Jul30;
Hydriomena nubilofasciata 14Jan24; 14Jan 25; 14Mar02; 14Mar08;14Jan26; 15Feb09;
 16Feb21;17Mar19;
Hydriomena sp. 14May12; 17Jun01;
Idaea dimidiata 11Aug26; 13Aug23; 16Jun14; 16June28; 17Jul26;
Iridopsis emasculata 11Sep28; 12May17;
Lambdina fiscellaria 11Sep13; 13Oct04; 14Sep05; 17Aug31;
Leptostales rubromarginaria 15May04; 16Apr29; 16May01; 17May25;
Macaria signaria 13Jul14;
Melanolophia imitata 10Apr06; 14May12; 17Apr14; 17Apr26; 17May23;17Jul02;
Mesoleuca gratulata 10Mar22; 10Apr20; 11Apr14; 11May03; 12Apr15; 13Mar28;
 13Apr16; 14Apr11;14April15; 15Apr10; 16Apr04; 16Apr11;16May16; 16May23;
 17May06;
Metanema inatomaria 11Aug02;
Metarrhantis duaria 14May19; 15May22;
Nematocampa resistaria 11Jun25; 17Jul30;
Nemoria unitaria 11Aug02
Neoalcis 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;
Nepytia phantasmaria 14Sep23; 17Sep16;
Operophtera bruceata 11Dec30; 12Dec08; 12Dec09; 13Nov29;
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;
Operophtera danbyi 12Dec08;
Operophtera sp. 16Nov24;16Dec01;
Perizoma costiguttata 17Aug06; 17Aug06;
Perizoma curvilinea 15Apr05; 15May10; 16Apr18;17Apr26; 17Jul30;
Pero mizon 12Apr30; 12Jun09;14Aug16;
Pasiphila rectangularata 13Jun12; 15Jun19; 17Jun05; 17Jul04;
Phigalia plumogeraria 14Jan19; 14Feb11; 14Mar08; 14Mar10; 14Mar14; 15Feb07;
Philedia punctomacularia 13Nov13; 17Sep22;
Plemyra georgii 14Jul14; 17Aug06; 17Sep16; 17Oct15;
Protitame matilda 17Jul04;
Protoarmia porcelaria 13Jul31;
Rheumaptera hastata 15Jun08;15June17; 15Jun22; 15Jun23; 16Apr18; 16Sep17;
Rheumaptera undulata 14Aug22; 15May15;15Jun14;
Sabulodes edwardsata 14Jul03;

Scopula quinquelinearia 17Jul31;
Selenia alciphearia 12Apr21;
Sicya macularia 10May06; 10Jun04; 12Aug01; 13May24; 13May31; 13Jun11; 15Jun23;
Spodolepis danbyi 12Apr18; 15May05;
Synchlora aerata 15Aug16;
Tetracis jubararia 11Oct16; 12Oct10; 12Oct16; 13May26; 13Sep22; 13Oct06; 14Sep15;
 14Oct15; 14Oct20; 15Oct13; 16May17; 17Jun04; 17Sep29;
Tetracis pallulata 13Oct06; 17Sep18;
Thallophegma hyperborea 17Apr14;
Thallophegma taylorata 15Mar19; 16May08;
Triphosa haesitata 10Mar05; 11Apr25; 11Jul10; 11Aug02; 11Sep26; 13Jun23;
 13Aug30; 13Nov05; 14Apr11; 15Jan20; 15May13; 15Aug16; 16Apr28;
 16May17; 16Jun08; 17Mar24; 17Sep10; 17Oct31;
Venusia duodecemlineata 13Apr07;
Venusia obsoleta/pearsalli 11Apr24; 14Mar10; 14Mar16; 14Mar28; 14Apr03; 17Apr26;
Xanthorhoe defensaria 13May29; 13Jun10; 14Mar28; 14Apr07; 14May12; 14Jun08;
 14Sep01; 15Mar15; 16Apr30; 17Jul31; 17Sep16; 17Sep21;
 17Sep27;
Xanthorhoe packardata 14Jun08;

GLYPHIPTERIGIDAE

Glyphipteryx bifasciata 16Jul09;
Diploschizia impigritella 15Sep08;

GRACILLARIIDAE

Gracillaria syringella 10May17; 15Jul12;

HEPIALIDAE

Gazoryctra mathewi 13Sep08; 17Sep10;

HESPERIIDAE

Amblyscirtes vialis 16May19;
Carterocephalus palaemon 13May27; 15Jun02; 15Jun05;
Erynnis persius 13Jul03; 15Jun02; 15Jun05;
Erynnis propertius 10Apr15; 10Apr23; 10Apr23; 10May15; 10Jul02; 11Jun03; 12Apr17;
 13Apr28; 13May19; 14May01; 14May01; 14May16; 14May21;
 15Apr17; 16Apr28; 16May06; 16May10; 16May13; 16Jun16;
 17May08; 17May13; 17May24; 17May26; 17Jun01;
Euphyes vestris 10Jul17; 13Jul03; 14Aug12; 15Jun15; 15Jun16; 15Jul03; 16Jun10;
 16Jun17; 16Jun27;
Hesperia comma 14Aug06; 14Aug19; 15Jul20; 15Aug03; 16Jul30; 16Aug08; 17Aug04;
 17Aug07; 17Aug15; 17Aug23; 17Aug28;
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; 17Aug16; 17Sep01;
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; 13Jun14; 13Jun20; 13Jun24; 13Jun29; 15Jun12; 15Jun25;
 15Aug13; 16Jun07; 16Jun20; 16Jul03; 16Jul07; 17Jun21;

INCURVARIIDAE

Adela septentrionella 15Apr15; 15May22; 16Apr20; 16May10; 17Jun04;

LASIOCAMPIDAE

Malacosoma californicum 10May25; 10Jun15; 10Jun21; 11Jul16; 12Jun17; 12Jul01;
 12Jul31; 13May01; 13Jun02; 13Jun30; 15May29; 16Apr29;
Malacosoma disstria 10May25; 10Jun18; 12Jun20; 13Jun30; 15May29; 16Apr29;
Malacosoma sp. 13Jun08;
Phyllodesma americana 13Jun30; 13Jul27; 13Aug27; 14May05; 14May19; 14Sep13;
 15Aug12; 16Mar16; 17Sep03;
Tolyte distincta 17Aug12; 17Sep01;
 Unidentified 15Jul08;

LYCAENIDAE

Agriades glandon 14Aug06; 15Jun16;
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; 16Apr27; 16Apr29; 16Apr30; 16May01; 16May10;
 16May24; 16Jun05; 16Jun11; 16Jun15; 17Apr16; 17May03; 17May08;
 17Jun05;
Everes amyntula 13May01; 13May05; 13Jul22; 14Apr28; 14May01; 14May05; 16Apr20;
 15May20; 15May24; 15Jun05; 16Apr25; 16Apr30; 16May03; 17May22;
 17May26;
Glaucopsyche lygdamus 12Aug16; 13May01; 13Jun02; 13Jun11; 13Jul03; 13Jul09;
 13Jul23; 14May16; 15May16; 15May18; 15Jun05; 15Jun19; 16May03; 16May06;
Icaricia icarioides 15Jun05; 15Jul05; 16May24; 16May24; 16Jun06; 16Jun07; 16Jun10;
Incisalia eryphon 11May25; 13Apr14; 16Apr08; 16Apr18; 16Apr20; 16Apr26; 16May03;
 16May10; 16May11; 17Apr28; 17May06; 17May22; 17May26;
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;
Incisalia mossii 10Mar09; 12Apr23; 13Apr25; 14Apr03; 15Apr22; 15May22; 15Jun02;
 15Aug07; 16Apr01; 16Apr03; 16Apr08; 16Apr13; 16May08; 17Apr02;
 17Apr11; 17Apr13;

Loranthomitoura johnsohni 16May11;16May12;16Jun04; 16Jun05;
Lycaeides anna 12Aug 14; 13Jul14; 15Jun19;15Jun21; 15Jun23; 15Jul18; 16Jul04;
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;
Lycaena mariposa 11Sep09; 12Aug20; 12Sep17; 13Jul22; 15Aug29; 16May25; 15Jul20;
 17Aug23;
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;
*Satyrium sylvinum*15Aug03; 15Aug15; 16June17; 16Jun27;
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;

NOCTUIDAE

Abrostola urentis 15Jul29;
Acerra normalis 11Apr05; 15Mar27;17Mar17;
Acronicta dactylina 14Sep01;15Aug01; 15Aug13; 15Sep13; 16May21;16Oct05;17Jul03;
 17Sep09;
Acronicta impleta 17Sep02;
Agrochola pulchella 17Oct01;
Agrochola purpurea 14Sep27; 17Oct03; 17Oct10; 17Oct15;
Agrotis ipsilon 15Oct11;
Amphipyra tragopoginis 16Aug02;
Anarta farnhami 14 Jul26;
Anarta nigrolunata 15Jun30;
Apamea amputatrix; 14Jul26; 15May26; 17Jul26;
*Apamea cinefacta*15May15;
Apamea cogitata 11Sep18;
Apamea cuculliformis 15May20;
Apamea maxima 14Aug16;
Aseptis adnixa 10Mar09; 10May08; 12Mar08; 12Mar12; 12Mar22; 12Apr15; 14Mar08;
 14Mar24; 14May05;16Mar07;
Aseptis binotata 10Apr21; 10May21;17June14;
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;
Autographa corusca 11Aug02; 17Aug17;
Behrensia conchiformis 11Apr21; 13Apr07; 14Apr11;14Jun10;15Mar22; 15May05;

15Jun11; 15Jun15; 16Apr01; 16Apr18; 17Apr25; 17May05;
Brachylomia populi 17Aug29;
Cerastis enigmatica 13Mar30; 14Mar28; 14Apr03; 15Mar15;
Cosmia praeacuta 12Aug18; 14Jul30;
Cucullia florea 14May23;
Cucullia montanae 10Aug07; 10Sep30; 14Sep10; 14Oct28; 16Dec07;
Cucullia postera 13Sep23;
Dargida procinctus 10Jul22; 10Aug18; 13Apr28; 13Oct25; 14Jul22; 17Sep21; 17Oct21;
Dryotype opina 13Oct07; 15Sep12; 17Sep22;
Egira crucialis 10Jun30; 12Apr21; 12Jun26; 13Mar17; 13Mar30; 13Jul11; 14Mar18;
 14Sep13; 15May12; 17Apr26;
Egira curialis 13Jun17; 13Jun20; 14Mar14; 14Mar16; 14Mar28; 14Apr11; 15Mar05;
 15Mar08; 15Mar22; 16Feb26; 16Mar19; 17Apr14; 17Jun10; 17Jun18;
Egira cognata 17Mar31;
Egira hiemalis 12Feb09; 13Mar26; 14Jan16; 14Jan21; 14Feb22; 14Mar 24; 15Feb06;
 15Feb09; 15Feb17; 16Jan21; 17Feb14;
Egira perlubens 16Apr27; 17Apr24;
Egira rubrica 11Apr14; 14Apr03; 16Apr09; 17Apr24; 17Apr25;
Egira simplex 12Apr21; 13Mar30; 14Apr03; 15May12;
Enargia decolor 15May17; 15Jun07;
Enargia infumata 10Jul25; 14Jul03; 14Jul14; 14Aug06; 15Jun24; 16May01; 16May21;
 16May30;
Euplexis benesimilis 17Sep02;
Eupsilia tristigmata 14Mar18; 16Oct03;
Eurois astricta 16May24; 16Jun08;
Eurois occulta 17Jun10;
Euxoa auxiliaris 14Sep05;
Euxoa difformis 17Aug31;
Euxoa obeliscoides 14Aug22;
Euxoa perexcellens 17Aug29;
Feralia comstocki 16Apr01; 16Apr12; 17Apr25;
Feralia deceptiva 11Apr05; 14Mar28; 15Mar14; 16Mar10; 16Apr01; 17Mar29;
Fishea discors 16Oct03; 17Sep29;
Heliothis phloxiphaga 14Aug22; 14Sep23; 17Aug07;
Homoglaea dives 13Sep20;
Homorthodes communis 14Sep15;
Ipimorpha nanaimo 14Aug03; 14Aug12; 14Sep05; 17Sep01;
Lacanobia subjuncta 14Sep18;
Lacinipolia patalis 14May29; 15May12;
Lacinipolia pensilis 17Aug31; 17Sep22;
Lacinipolia strigicollis 14Jul10;
Leucania dia 17Jun25;
Leucania sp. 15Jul02;
Litholomia napaea 11May03;
Lithomoia germana 14Oct04;
Lithophane amanda 14May16; 15May12;

Lithophane baileyi 17Sep26; 17Oct29;
Lithophane dilatocula 16Apr28;
Lithophane innominata 12Sep11; 14Mar18; 14Sep05;
Lithophane pertorrida 14Apr03; 14Sep23
Lithophane petulca 13Apr07; 14Apr07;
Lithomoia germana 17Sep22;
Melanchra adjuncta; 14 Jul26;
Mythimna unipuncta 14Oct04;15Nov07; 17Sep10;17Oct31;17Nov10;
Noctua comes 10Apr23; 10May31; 14Jul22; 15Jun03; 15Aug06; 15Aug07;
Noctua pronuba 10Apr27; 10May31; 10Jun30; 10Nov 18; 11Sep04; 11Sep27; 11Sep30;
12Apr08; 12May30; 12Jun19; 13Feb12; 13Apr03; 13Jul30; 13Sep11; 14May29;
14Jun30;14Sep23; 14Oct10;14Oct17; 14Nov06;15Mar22; 15May15;15May31; 15Jul19;
15Sep19;15Oct02;15Nov16;16Mar09; 16May19; 16May23; 16May25;16Jun01;16Jul10;
16Sep03;16Oct26;16Nov18;16Dec20;17Mar06; 17Mar24; 17Apr23;17May04;17May09;
17Jun06; 17Jun14; 17Jul26; 17Aug28; 17Aug30; 17Sep07; 17Sep10; 17Sep15; 17Sep21;
17Oct01; 17Oct21;
Oligia divesta 17Aug31; 17Sep01; 17Sep16;
Oncocnemis semicollaris 15Jun12;
Orthosia ferrigera 14Apr15;
Orthosia hibisci 11Apr05; 13Mar30; 13May24; 13Jun18; 13Jun30; 14Mar10; 14Mar18;
14Mar24; 14Mar28; 14Jun01; 15Feb17; 15Mar06; 15May19; 17Jun19;
Orthosia pacifica 13Mar30; 14Mar28;
Orthosia praeses 11Apr05; 13Feb10; 14Mar01; 14Mar02; 14Mar08; 14Mar16; 14Mar18;
15Mar14; 17Mar29;
Orthosia mys 14Oct22;15Oct11;
Orthosia transparens 11Apr06; 11Apr24; 13Mar30; 16Apr12;
*Panthea virginarius*15May12; 16Sep25; 17Jun24;17Jul30; 17Oct10;
Papaipema insulidens 14Sep23;
Pteridroma saucia 14May16; 16Jul19;
Phlogophora periculosa 11Sep06;15Jun14;
Pleromelloida cinerea 14Sep23; 16Oct03; 17Sep16;
Pleromelloida conserta 12Apr08; 14Apr03; 15Mar27; 17Mar29;
Polia nimbose 11Apr24;16Oct18;
Protodeltote albidula 17Jul23;
Protorthodes rufula;
Sunira decipiens 17Sep18;
*Syngrapha viridisigma*15Aug29;
Trichoplusia ni 17Sep11; 17Sep28; 17Sep29; 17Oct01;
Ufeus satyricus 17Mar13;
Xestia xanthographa 14Aug22;15Aug22; 17Sep15;
Xestia sp. 17Sep18;
Xylena curvimacula 15Mar27; 17Sep22;
Xylena nupera 12Apr09; 14Mar10; 15Mar27;
Zothea tranquilla 10June10; 10Jul05; 11Jul18; 12Jul08; 13Jun05; 13Jun27; 15May19;
Unidentified noctuid 12Aug20; 13Oct07; 15Aug29;15Dec05;
Unidentified plusiine 11Apr24

Unidentified four caterpillars 16Oct04;

NOLIDAE

Meganola minuscula 14May16;

Nola minna 11May03; 12Apr09; 14Apr27;

Nycteola cinereana 10Aug07; 14May16; 16Jun15; 16Jul13; 16Jul19;

Nycteola columbiana 15May13;

Nycteola frigidana 10Jul22; 10Jul23; 10Aug06; 13Jul17; 13Jul17; 15Jun09; 15Jun15;
15Jun25;

NOTODONTIDAE

Furcula scolopendrina 10Aug03; 10Aug13; 15Jul11;

Gluphisia severa 14Apr03; 15Apr11; 16Apr16;

Nadata gibbosa 14Jun08; 15May24; 15Aug12; 15Sep10; 16May13; 16Sep20; 17June30;
17Aug29; 17Aug31; 17Sep14; 17Sep17;

Pheosia rimosa 15Jul25; 17Sep20; 17Sep23;

Schizura ipomoeae 17Sep02;

Schizura unicornis 10Oct03; 12Aug12; 14Oct07; 17Sep11; 17Sep22;

NYMPHALIDAE

Aglais milberti 10Jul29; 13Apr23; 13Apr28; 13May01; 13May08; 13Jun02; 13Jun08;
13Jul03; 13Jul09; 13Jul22; 14Apr03; 15June17; 15Jun24; 15Jun30;
16May10; 16June28;

Boloria epithore 11Sep09; 13Jul09; 13Jul23; 15June17; 15Jun19; 15Jun22; 15Jun23;
16Jun07; 16Jul04; 16Jul17; 17Jun25;

Cercyonis pegala 11Sep10; 12Aug06; 12Aug22; 13Jul27; 15Jul20; 17Aug16;

Coenonympha tullia 10Jun16; 10Jun22; 11Jun09; 12May28; 12Aug22; 13Jun01;
14May29; 15May13; 15Aug08; 15Aug13; 15Aug21; 16May10; 16May30;
16Jul30; 16Aug28; 16Sep05; 17May19; 17Jun05; 17Jun14;

Danaus plexippus 11Aug11;

Euphydryas editha 16May08; 16May19;

Limenitis 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;
15Mar25; 15May21; 15May29; 15Jun23; 15Jun26; 15Jun27;
15Jul18; 16May23; 16May30; 16Jun06; 16Jun07; 16Jun10;
16June22; 16Jul03; 16Jul05; 17Jun21; 17Aug06; 17Sep16;

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;

Nymphalis californica 10Mar26; 10Apr20; 13Apr05; 13Apr22; 15Apr10; 15Apr21;
15May04; 15May15; 16Mar05; 16Mar31; 16April21; 16Apr23;
16May16; 17Apr17; 17Apr30;

- Oeneis nevadensis* 12Jul05; 12Jul10; 13Jul09; 15Jun19; 15Jul20; 16Jul17; 17Jul24;
- Phyciodes mylitta* 10Aug07; 10Aug12; 12Jul26; 12Aug08; 12Sep17; 13Apr28; 13Jun01;
13Jun02; 13Jul28; 14May21; 15Jul03; 15Jul14; 15Aug03; 15Aug21;
15Sep03; 16Apr30; 16May08; 16May11; 16May19; 16Jun07; 17Jun29;
- Phyciodes pratensis* 13Jun01; 15Jun11; 15Jun21; 17Jun07; 17Jun10; 17Jun11; 17Jun14;
17Jun20;
- 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;
- Polygonia gracilis* 11Sep09; 12Sep08; 12Sep17; 13Apr14; 13Jul22; 14Jul17; 15Jun02;
15Jun05; 16May08; 16Jul17; 17May07; 17Jun25; 17Jun27;
17Aug23; 17Aug28; 17Sep06;
- 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; 13Jun15; 13Jun16;
14Mar28; 14Apr15; 14Jun01; 14Jul26; 14Jul30; 14Aug12; 15Feb15;
15Feb24; 15Mar10; 15May28; 15Jun08; 15Jul09; 16Apr29; 16Jun14;
16Jun21; 16Jul01; 17Apr12;
- Polygonia* sp. 12Aug19; 13Jul04; 16Jun04;
- Speyeria hidaspe* 12Sep17; 12Oct05; 13Jun18; 13Jul03; 13Jul09; 15Jun21; 15Jul20;
15Aug03; 15Aug14; 16Jun17;
- Speyeria* sp. 15Jul08;
- Vanessa annabella* 13May20; 15May09; 15May10; 15May15; 15May19; 16May12;
16May13; 16May16; 16Jun21; 17Jun16; 17Aug07; 17Oct29;
- 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; 16May13; 16Jun11; 16Jun19; 16Jul07;
17Jun05; 17Jun07; 17Jun14; 17Jun26; 17Jul31; 17Aug07;
- 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; 16Jun21; 16Jun22; 17May07; 17May08; 17May30;
17Jun05; 17Jun14; 17Jul26; 17Aug14; 17Aug15; 17Aug28; 17Sep04;
17Sep11; 17Sep13; 17Sep16; 17Sep17; 17Sep22; 17Sep25; 17Oct10;
17Oct29; 17Nov02;
- Vanessa virginiensis* 12Sep09; 17Aug11; 17Sep16; 17Sep17; 17Sep22; 17Sep27;
17Sep29;

OECOPHORIDAE

Carcina quercana 11Jul11; 12May15;

Endrosis sarcitrella 10Sep17; 14Mar18; 16Apr08;
Hofmannophila pseudospretella 12Nov08;
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;

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;

Papilio zelicaon 10Apr21; 10Jul08; 11Jun02; 12Jun17; 13Jun18; 13Jul16; 13Jul25;
 14Jun08; 15May04; 15Jun21; 15Jul13; 15Jul20; 15Jul24; 15Jul29; 17May26;
 17Jun14; 17Jun24; 17Aug15;

Parnassius clodius 13Jun15; 13Jul22; 14Aug06; 15Jun02; 15Jul18; 16Jun07; 16June17;
 16Jul24;

Parnassius smintheus 14Aug06; 16Jul04;

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;

Colias eurytheme 14Aug22; 14Aug25; 14Sep07; 17Aug14; 17Aug17; 17Aug18; 17Sep03;
 17Sep04; 17Sep11; 17Sep16; 17Oct10;

Colias occidentalis 13Jul14; 16Jul04;

Colias sp. 14Jul22; 17Sep25;

Neophasia menapia 10Aug15; 11Aug14; 11Aug17; 11Aug14; 11Aug16; 11Aug26
 11Aug29; 12Aug06; 13Jul21; 13Jul28; 15Jul02; 15Jul08; 15Sep03;
 15Sep06; 16Jul26; 17Aug04; 17Aug05; 17Aug06;

Pieris marginalis 10Jul26; 10Aug03; 11Jul07; 13Apr08; 13Apr25; 13Jun16; 15Aug29;
 17Jun29;

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;

PLUTELLIDAE

Eucratia castella 10Apr10; 10Jun14; 11May18; 12May01; 12Jun25;

Eucratia securella 12May04; 15Apr16; 16Apr13; 16Apr19; 16Apr28;

Plutella xylostella 12Oct19; 12Oct28; 14Aug12; 15Aug28; 15Sep04; 15Sep06; 16Mar25;

Rhigognostis interrupta 14Mar28;

Ypsolopha falciferella 14Feb12;

PTEROPHORIDAE

Emmelina monodactyla 10Aug18; 12Sep15; 13Jun24; 13Jul08;

13Oct07; 15Feb07; 17May13; 15Mar08; 15Mar16; 16Jul09;

17April19; 17May13; 17Sep03;

Unidentified 12Aug22; 15Jul06; 17Apr01;

PYRALIDAE

Arta epicoenalis 15Jul12;

Oreana unicolorella 14Sep18; 14Sep23;

Plodia interpunctella 12Nov19; 15Sep14; 16May04; 16Oct05;

Euzophera semifuneralis 15May 26;

Euzophera sp. 15Sep08;

SATURNIIDAE

Antheraea polyphemus 10Jul16; 11Jul05; 12Jul07; 12Sep07; 12Sep11;

13Jun16; 14May23; 14Jul10; 14Aug25; 14Sep18; 15May18; 15May25; 15Jun25;

16Sep16; 16Sep19; 17Jun04; 17Jun27;

Hemileuca eglanterina 10Sep28; 11Aug05; 15Jul01; 15Jul08; 15Jul09; 16Jun05; 16Jul07;
17Jul01;

Hyalophora euryalus 10Jun04; 13Apr28; 13May08; 13May29; 14May16; 15Apr24;

15May20; 16Apr12; 16Apr23; 17Aug05;

SCHRECKENSTEINIIDAE

Schreckensteinia festaliella 15Jun15;

SESIIDAE

Albuna pyramidalis 14Aug16;

Paranthrene robiniae 11Aug26;

Synanthedon bibionipennis 17Jul26; 17Aug02;

Synanthedon novoaricensis 14Jul10;

SPHINGIDAE

Hemaris thetis 16May24; 16Jun10;

Hyles gallii 17Aug10;

Hyles lineata 14Jun30; 14Aug25; 14Aug29; 14Sep01; 14Sep13; 14Oct20; 15May20;

15Jun24; 17Apr17; 17Jun22; 17Sep03; 17Sep04; 17Sep13; 17Oct08;

Paonias excaecatus 14May16; 15Sep14;

Proserpinus flavofasciata 16May16;

Smerinthus cerisyi 10Sep28; 11Jul25; 12Jul08; 12Aug23; 13May16; 13Jun27; 13Jul19;
13Jul20; 13Aug23; 14May23; 15May17; 15Aug19; 15Sep02; 15Oct04;
16Apr28; 16Aug28; 16Sep16; 16Sep26; 17May02; 17May10;

Sphinx perelegans 10Aug13; 14Jun08; 15Jun11; 15Jun25; 16Jul14; 17Jun07; 17Jun08;
17Jun13; 17Jul30;

SYMMOCIDAE

Oecogonia quadripuncta 13Sep01; 15Jul03;

TISCHERIIDAE

Tischeria sp. 15May14;

TINEIDAE

Phereoeca uterella 17May29;

Tinea pellionella 12Dec23;

Tineola bisselliella 11Jul07; 12Jun01; 12Dec25; 15Aug13; 17May06;

TORTRICIDAE

Acleris albicomana 11Jun16;

Acleris britannia 15Mar16;

Acleris cornana 16Oct26;

Acleris fragariana 14Sep07;

Acleris gloverana 10Aug13; 17Sep03;

Acleris maccana 17Mar24;

Acleris maximana 16Feb12;

Acleris minuta 10Aug05;

Acleris nivisellana 14May16;

Acleris rhombana 13Oct15; 14Sep18;

Acleris sp. 14Mar08;

Ancylis apicana: 13Sep23;

Ancylis sp. 15Jun30;

Archips podana 11Jul04;

Archips rosana 11Jul04; 15May26; 15Jun15; 15Jun30;

Argyrotaenia franciscana 15Apr29; 15May26; 15Sep08; 16Apr13;

Choristoneura freemani 17Aug26;

Choristoneura rosaceana 10Jul16; 11Jun14; 12Sep07; 13Jun05; 13June09; 13Jun11;
15May26; 15Jun06; 17Jul24;

Cydia nigricana 15Jul14;

Cydia pomonella 17Aug29;

Dichrorampha vancouverana 13Jul14; 15Jun30;

Ditula angustiorana 11Jul07;

Eana sp. 15Jun30;

Epinotia emargunana/solandriana 17Apr21;
Eucosma amphorana 16May16;
Eucosma derelicta 15Jul12;
Grapholita lunatana 11Apr23
Grapholita sp. 15May13;
Hedya nubiferana 11Jun07; 14May16;
Olethreutes albiciliana 15May26;
Olethreutes glaciana 12Aug14; 17May16; 17May26;
Olethreutes punctata 15Sep08;
Pandemis cerasana 13May23; 14Jun01; 15Jun29;
Pandemis sp. 11Jun14;
Retinia picicolana 16April21;
Rhyaciona buoliana 15Jul11;
Syndemis afflictana?? 12Dec03;
 Unidentified 11Jul26; 13Jun08; 15Jun01;

URANIIDAE

Callizzia amorata 13Aug04; 17May30;

YPONOMEUTIDAE

Swammerdamia pyrella 15Jul12;
Yponomeuta padella 10June08; 10Jun28; 13Jun24; 14Jun01; 14Jul20;

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

Microcoryphia

Unidentified 15Jun06;

Neuroptera

CHRYSOPIDAE

Chrysopa sp. 10Jun16; 12Jul07; 15Jun30; 16April22;
Nothochrysa californica 14Apr11; 16Apr17; 17Apr27;
 Unidentified 10Aug31; 11Jun13

HEMEROBIIDAE

Unidentified 10Aug23; 13Aug27; 15Jun30; 16May01;

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;
 16Oct05;
Aeshna palmata/umbrosa 11Jul14; 11Sep11
Aeshna umbrosa 11Aug14; 11Aug14
Anax junius 10Jul14; 15Sep29;
Rhionaeschna californica 10May 15; 11Jun07; 13Apr29; 13May14; 13Jun03; 13Jun11;
 14May21; 15Apr29; 15Jun08; 16Apr18; 16Apr20; 16May01; 17May10;
 17May13; 17May24; 17Jun01;
Rhionaeschna multicolor 10Jun18; 10Jul20; 10Jul22; 10Jul31; 12Oct07; 13Jun24;
 13Jun29; 13Jul01; 13Jul06; 13Jul09; 14May01; 15Jun10; 15Jun11;
 16Jun25; 16Jul08; 16Jul28; 16Sep26; 17Jul04;
Rhionaeschna sp. 11Jul19;

COENAGRIONIDAE

Amphiagrion abbreviatum 13Jul02; 16Jun02;
Enallagma boreale 10Jun25; 17Jun10;
Enallagma carunculatum 10Jul02; 10Aug23; 13Jun29; 13Jul09; 14May21; 14Jun01;
 15Jun01; 15Jun15; 16Jun06; 16Jul08; 16Jul19; 17Jun01; 17Jun26;
 17Jul27; 17Sep17;
Enallagma sp. 16May03;
Ischnura cervula 10Jul02; 11May20; 12May01; 13Apr23; 13Jul06; 14Apr24; 14May01;
 14May13; 15Apr29; 15May17; 16Jul19; 17May06; 17Jun01; 17Jun26;
Ischnura erratica 10May24; 15May22; 17May21;
Ischnura perparva 10Jul02; 13Jun11; 16Apr28;
Ischnura sp. 13May01;
 Unidentified 13Jun01;

CORDULEGASTRIDAE

Cordulegaster dorsalis 12Jul28; 17Aug25;

CORDULIIDAE

Cordulia shurtleffii 15Jun01; 15Jun08; 16May08; 17May24; 17Jul26;
Epitheca spinigera 15May05; 17May08; 17Sep02;

LESTIDAE

Lestes congener 12Sep30; 13Aug27; 17Aug07;
Lestes sp. 15May17; 15Jun02; 17Sep17;

LIBELLULIDAE

Erythemis collocata 11Aug5; 12Jul13; 13Jul07; 13Jul30; 14Jul03; 15Jun10; 15Jun15;
 15Jun25; 16Jun23; 16Jul28; 16Jul30; 17Jun14; 17Jun26; 17Jul04;
 17Aug09;
Ladona julia 16Jun13; 17Jul26;

Leucorrhinia hudsonica 12Aug22; 14Jul17; 15Jun05;
Leucorrhinia intacta 10Jul12; 13Jul01; 13Jul07; 14Jun01; 15Jun07; 16Jun24; 17May26;
 17Jun01; 17Jul04;
Leucorrhinia proxima 10Jul14
Libellula forensis 10Aug17; 11Jun07; 12July28; 13Jun09; 13Jul01; 13Jul30; 14Jul03;
 15Jun07; 15Jun10; 15Jun15; 16Jun06; 16Jul02; 17Jun21; 17Jul26;
 17Aug07; 17Aug15;
Libellula quadrimaculata 10Jul12; 10Jul14; 11May21; 13Jun29; 13Jul01; 13Aug23;
 14May21; 14Jun01; 15May22; 15May31; 16May08; 16Jun06;
 16Jul19; 17May26; 17Jun01;
Pachydiplax longipennis 10Jun22; 10Jul14; 10Jul30; 13Jun29; 13Jul09; 13Jul30;
 14Jun08; 14Jul30; 15Jun01; 15Jun08; 15Aug02; 17May24; 17Jul05;
Plathemis lydia 10Jul12; 11Jun24; 11Jul07; 13Jul07; 15Jun15; 17Jun26;
Sympetrum corruptum 10Oct13; 12Aug26; 13Oct14; 13Oct15; 16Jun27; 16Jul28;
 16Sep11; 16Sep23;
Sympetrum costiferum 13Jul02; 16Jul28; 16Sep19;
Sympetrum danae 12Sep27; 12Oct07;
Sympetrum illotum 10Jun14; 10Jul12; 10Jul14; 10Jul23; 13Jun14; 13Jul01;
 14Jun01; 15May28; 15Jun07; 15Oct15; 16May12; 16Jun06; 16Aug03;
 17Jun05;
Sympetrum madidum 12Aug20; 17Jul03; 17Jul27;
Sympetrum obtrusum 10Jul26; 10Aug15; 11Aug14; 12Sep29;
Sympetrum pallipes 10Jul14; 11Aug05; 12Aug20; 12Oct01; 12Oct06; 13Jul30; 15Jul30;
 15Aug02; 15Sep10; 16Jul19; 16Oct03; 17Aug07; 17Aug23;
Sympetrum vicinum 10Aug16; 11Aug17;
Sympetrum sp. 12Sep24; 13Jun29; 13Jul01; 13Jul06; 15Oct03; 15Oct25; 17Aug22;
Tramea lacerata 16Jul10; 16Jul11; 16Jul24;
 Unidentified 13Jul02;

Orthoptera

ACRIDIDAE

Arphia pseudonietana 10Sep25; 16Sep23;
Camnula pellucida 12Oct 14; 16Sep14; 16Sep19; 17Aug28;
Dissosteira carolina 10Aug04; 13Jul09; 16Sep23; 17Aug14; 17Aug22;
Melanoplus bivittatus 10Aug18; 14Sep05; 16Jul19; 16Sep19;
Melanoplus sanguinipes 12Oct14;
Melanoplus femurrubrum 16Aug29;
Melanoplus sp. 10Jul22; 16Oct12;
Trimerotropis fontana 12Oct 14; 16Sep14; 16Sep23;
Trimerotropis fontana/verruculata 12Sep26
Trimerotropis pallidipennis 12Oct 14;
Trimerotropis verruculata 10Oct 01; 17Sep06;
 Unidentified 12Sep14; 13Sep22; 14Sep01; 15Aug08; 15Aug13; 15Sep23; 17Jun20;

GRYLLIDAE

Gryllus pennsylvanicus 10Sep25

RHAPHIDOPHORIDAE

Ceuthophilus sp. 15Dec08;

Diestrarmena sp. 15Mar13;

TETRIGIDAE

Tetrix subulata 15Apr23;

Unidentified 10Aug30

TETTIGONIIDAE

Meconema thalassinum 16Aug29; 17Aug07;

Unidentified 13Jul29

Phthiraptera

PHILOPTERIDAE

Presumed *Strigiphilus acadicus* 11Dec04

Unidentified on swan 16Apr12;

Plecoptera

CHLOROPERLIDAE

Unidentified 14Apr20;

Unidentified other family 16Nov30;

Psocoptera

ECTOPROCIDAE

Ectoprocus briggsi 15Mar31; 16Oct11;

LACHESILLIDAE

Lachesilla pacifica 15Mar30;

Unidentified 16Oct17;

Raphidioptera

Agulla sp. 14May08;

Negha inflata 16Apr29;

Unidentified 13May15;

Thysanoptera

Unidentified 13Jun03;

Trichoptera

LEPTOCERIDAE

Oecetis sp. 17Jul05;

LIMNEPHILIDAE

Halesochila taylori 17Oct31;

Lenarchus rho 17Sep18;

Limnephilus fagus 17May19;

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

MALACOSTRACA

Decapoda

ASTACIDAE

Pacifastacus leniusculus

Isopoda

ARMADILLIDIIDAE

Armadillidium vulgare 10May17

ONISCIDAE

Oniscus asellus 10Apr19

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
 Euteliidae
 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 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.



