

Updated May 1, 2012

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 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

Araneae

AMAUROBIIDAE

Callobius sp. 11Jun20

ARANEIDAE

Araneus diadematus 11Aug01

LYCOSIDAE

Arctosa perita 10Apr23

LYNIPHIIDAE

Prolinyphia sp. 11Jun08

PHILODROMIDAE

Philodromus dispar 10May26

PISAUROIDAE

Dolomedes triton 10Mar24; 12May01;

SALTICIDAE

Eris militaris 10May26

Metaphidippus manni 10Jun28

Phidippus borealis 10Apr16; 10Apr14

Salticus scenicus 10Jul09; 11Apr19

Unidentified 10Jul08; 11Apr09; 11Apr19

THOMISIDAE

Misumena vatia 10Jul11

Opiliones

PHALANGIIDAE

Phalangium opilio 11Aug26

CHILOPODA

Polydesmida

XYSTODESMIDAE

Harpaphe haydeniana 11May16

GASTROPODA

Pulmonata

ARIONIDAE

Ariolimax columbianus 10Jul03

BRADYBAENIDAE

Monadenia fidelis 10Jun15

HELICIDAE

Cepaea nemoralis 11May19

Cornu aspersum 10Jul08

LIMACIDAE

Limax maximus 11Sep29

INSECTA

Coleoptera

APELLABIDAE

Merhynchites bicolor 11Jun08

BUPRESTIDAE

Buprestis aurulenta 10Jun22

CANTHARIDAE

Podabrus sp. 11May16

Rhagonycha fulva 11Jul27

Unidentified 11May21

CARABIDAE

Amara sp. 11May20

Cicindela oregona 10Apr23; 11Apr24; 12May01;

Elaphrus sp. 11May21

Pterostichus melanarius 11May20

Unidentified 10Apr23; 11May21

CERAMBYCIDAE

Cosmosalia chrysocoma 10Jul09

Grammoptera subargentata 10Jul10; 11Jun08

Leptura obliterata 10Aug18

Prionus sp. 10Aug14

Xylotrechus longitarsus 11Oct28

X. nauticus 10Jul31

Unidentified 11Jun13

CHRYSOMELIDAE

Altica sp. 10Aug02;

Chrysolina hyperici 10Jun20

Unidentified donaciine

COCCINELLIDAE

Adalia bipunctata 10May17; 11Jun13

Coccinella septempunctata 10Jun30; 10Jul23

C. trifasciata 10Jul19

Harmonia axyridis 10Jun14; 10Jun22; 10Jun28; 10Jun30; 10Jul08

Hippodamia tredecimpunctata 11May25

CURCULIONIDAE

Mecinus janthinus 10Jun28

Otiorhynchus singularis 10May26

O. sulcatus 10Sep25

Sciaphilus asperatus 10Jun25

DERMESTIDAE

Anthrenus verbasci 12Feb18

ELATERIDAE

Agriotes lineatus 11May22

Unidentified 10Aug02; 11Jun06

HISTERIDAE

Unidentified 10Aug05

LAMPYRIDAE

Ellychnia sp. 11Mar03

MORDELLIDAE

Unidentified 10Jul23

SCARABAEIDAE

Polyphylla decemlineata 11Jul28

P. sp. 10Jul20

SILPHIDAE

Nicrophorus defodiens 11Sep22

Diptera

ASILIDAE

Scleropogon (perhaps *bradleyi*) 10Jul22

Unidentified 10Jul20; 11Aug26; 11Sep11

BIBIONIDAE

Bibio sp. 10Apr19

BOMBILIIDAE

Bombilius sp.

Hemipenthes morio 10Jul10

Systoechus sp. 10Jul20

Villa sp. 10Aug07; 10Aug27

Unidentified 10Jun01; 10Jun22; 11Apr19

CALLIPHORIDAE

Calliphora sp. 11Mar26

Lucilia sp. 10Jul21; 11Jun01

Pollenia sp. 11Mar20

COELOPIDAE

Coelopa sp. 11Mar20

CONOPIDAE

Myopa sp. 10Apr01; 10May30

DOLICHOPODIDAE

Condylostylus sp. 10Jun28

Dolichopus sp. 11Jun13

Unidentified 10Jul17; 10Jul21

PELECORHYNCHIDAE

Pseudoerinna jonesi 10Aug08

RHAGIONIDAE

Chrysopilus sp. 11Jun13

Rhagio sp. 11Jun13

SCATHOPHAGIDAE

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

SEPSIDAE

Unidentified 11Jun06

SYRPHIDAE

Eristalis arbustorum 10Aug27

E. tenax 10Mar12; 10May26; 11Jun01

Eupeodes americanus 10Mar12

E. sp. 10Jun17; 10Jul08; 11Jun06

Helophilus sp. 10Aug27

Megasyrphus laxus 10Aug03;

Merodon equestris 10Jun17

Orthonevra sp. 10Jul10

Scaeva pyrastris 10May26

Sericomyia chrysotoxoides 10Sep25

Sphaerophoria sp. 10Aug18; 10Aug31

Syritta pipiens 10Jul08

Toxomerus sp. 10Jul10

Xylota sp. 10Jul19; 11Jun14

TABANIDAE

Chrysops sp. 10Aug07

Unidentified 10Jul17

TACHINIDAE

Cylindromyia sp. 10Aug31

Phasia sp. 10Aug15

Tachina sp. 10Aug31

Unidentified 10May04

TEPHRITIDAE

Rhagoletis basiola 10Jul21

THEREVIDAE

Unidentified 10Jul20

TIPULIDAE

Unidentified 11May22

ULIDIIDAE

Chaetopsis sp. 10Jul21

Hemiptera

APHIDIDAE

Eriosoma sp.

CERCOPIDAE

Philaenus spumarius 10Jul08; 10Jul19

CICADIDAE

Platypedia areolata 11Jul28

COREIDAE

Leptoglossus occidentalis 10Mar12; 10Sep18

GERRIDAE

Gerris sp. 10Mar24

MIRIDAE

Lygus hesperus 10Jul11

Prepops bivittis 10Aug07

NEPIDAE

Unidentified 11May22

PENTATOMIDAE

Banasa dimiata 10May26; 11Mar26

Chlorochroa uhleri 10May14

C. sp 10Aug31; 10Sep04; 11Jun01

Cosmopepla conspicillaris 11Jun01

Elasmotethus cruciatus 10Jun25

Euschistus conspersus 10Aug31; 11Jun08

Neottiglossa undata 10Jul19

RHOPALIDAE

Stictopleurus punctiventris 10Sept 04

SCUTELLARIDAE

Eurygaster amerinda 10Sep04

Hymenoptera

ANDRENIDAE

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

APIDAE

Apis mellifera 10Mar12

Bombus ternarius 11Mar26; 11Sep27

B. sp. 11Sep27

Habropoda sp. 10Apr16

Nomada sp. 10Apr19

Unidentified 10Mar22

CHRYSIDIDAE

Unidentified 10Jul16

CIMBICIDAE

Zaraea sp 10May14

CRAMBONIDAE

Bembix americana 10Jul12; 11Sep27

Crabro latipes 10Aug04

Ectemnius sp. 10Sep25

HALICTIDAE

Agapostemon sp. 11Sep27

Lasioglossum zonulum 10Aug18

L. sp. 10Apr19; 11Mar26

ICHNEUMONIDAE

Ophion sp. 10Aug17

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

MEGACHILIDAE

Coelioxys sp. 10Sep04

Megachile sp. 10Oct01; 11Jul19

Osmia lignaria 10Jul08

Unidentified 10Jul23

POMPILIDAE

Unidentified 10Aug23

SPHECIDAE

Podalonia sp. 10Apr23; 11Apr24

Prionyx sp. 11Sep27

Sceliphron caementarium 10Jul17; 11Jul19; 12Mar14

TENTHREDINIDAE

Eriocampa ovata 10Jun25

Unidentified 11May22

VESPIDAE

Ancistrocerus antilope 10Jul08

Dolichovespula maculata 10Jul16

Polistes dominula 10Apr16; 10Jul17; 10Jul20

Vespula alascensis 11Sep27

V. pennsylvanica 10Apr16

V. sp. 10Jul20; 11Jul14

Unidentified eumenine 10 Jun17; 10Sep04

Lepidoptera

CHOREUTIDAE

Choreuta diana 10Oct 01

C. pariana 10Oct 01

CRAMBIDAE

Chrysoteuchia topiaria 10Aug23

Herpetogramma pertextalis 10Jun23; 11Jul23

Udea profundalis 10Aug15

DREPANIDAE

Euthyatira pudens 11Jun21; 12Apr 10;

Habrosyne scripta 11Sep17

EREBIDAE

ARCTIINAE

Lophocampa argentata 10Apr19; 10Apr27; 10Aug08; 11Aug02

L. maculata 11Oct17

L. sp. 11Nov12

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

Spilosoma virginica 10Sep17; 10Sep30; 11Apr05; 11May30

Tyria jacobaeae 10Jul30

HYPENINAE

Hypena californica 11Apr05; 11Jun08

H. decorata 11May03; 12Apr23;

H. sp. 11May23

LYMANTRIINAE

Leucoma salicis 10May28; 10Jun15; 10Jun30

GEOMETRIDAE

Archiearis infans 12Apr11
Biston betularia 11Oct13
Campaea perlata 10Jul30
Chlorosea banksia 11Aug02
Dysstroma sobria 11Apr20; 11Apr30
Epirrhoe plebeculata 11Apr06
Erannis vancouverensis 11Jun09
Eupithecia gilvipennata 12Apr09
E. mutata/rotundopuncta 11Jun23
E. olivacea 12Apr02
E. ornata 11Jul26
E. ravocostaliata 11Apr05; 12Apr02
E. sp. 11Aug26
Hemithea aestivaria 11May26; 11Jun20; 11Jul16
Hesperumia latipennis 10Apr07; 10May11
Hydrelia albifera 10Sep18
Hydriomena irata 10Apr06
H. manzanita 10Mar03
Idaea dimidiata 11Aug26
Iridopsis emasculata 11Sep28
Lambdina fiscellaria 11Sep13
Melanolophia imitata 10Apr06
Mesoleuca gratulata 10Mar22; 10Apr20; 11Apr14; 11May03; 12Apr15;
Metanema inatomaria 11Aug02
Nematocampa resistaria 11Jun25
Nemoria unitaria 11Aug02
Neocalcis californiaria 10Apr07; 10June04; 10Jul11; 10Aug23; 11May10; 11Aug26
11Sep10
Operophtera bruceata 11Dec 30
O. brumata 10Apr21; 10Nov13; 11Oct29; 11Dec02
Pero mizon 12May01;
Selenia alciphearia 12Apr21;
Sicya macularia 10May06; 10Jun04
Spodolepis danbyi 12Apr18;
Synaxis jubararia 11Oct16
Triphosa haesitata 10Mar05; 11Apr25; 11Jul10; 11Aug02; 11Sep26
Venusia obsoleta/pearsalli 11Apr24

GRACILLARIIDAE

Gracillaria syringella 10May17

HESPERIIDAE

Erynnis propertius 10Apr15; 10Apr23; 10Apr23; 10May15; 10Jul02; 11Jun03; 12Apr17;
Euphyes vestris 10Jul17
Ochlodes sylvanoides 10Aug07; 10Aug17; 11Aug06; 11Aug29; 11Sep11
Thymelicus lineola 10Jun07; 10Jul09; 10Jul21; 10Jul23; 10Aug02; 11Jul05

LASIOCAMPIDAE

Malacosoma californicum 10May25; 10Jun15; 10Jun21; 11Jul16

M. dysstria 10May25; 10Jun18

LYCAENIDAE

Celastrina echo 10Mar26; 10Apr06; 10Apr21; 10Apr28; 10May04; 10Jun23; 10Jun29
10Jul03; 11Apr20; 11May03; 11May16; 11May31; 11Jun02; 11Jul12;
12Apr06; 12Apr15; 12Apr17

Incisalia eryphon 11May25

I. iroides 10Mar23; 10Mar26; 10May04; 10Jun08; 11May24

I. mossii 10Mar09; 12Apr23;

Lycaena helloides 10June25

L. mariposa 11Sep09

Mitoura rosneri 10Jul25; 11Jun24; 11Jul03

NOCTUIDAE

Acerra normalis 11Apr05

Apamea cogitata 11Sep18

Aseptis adnixa 10Mar09; 10May08; 12Mar08; 12Mar12; 12Mar22; 12Apr15;

A. binotata 10Apr21; 10May21

Autographa corusca 11Aug02

Behrensia conchiformis 11Apr21

Catocala sp. 10Jul20

Cucullia montanae 10Aug07; 10Sep30

Dargida procincta 10Jul22; 10Aug18

Egira crucialis 10Jun30; 12Apr21;

E. hiemalis 12Feb09

E. rubrica 11Apr14

E. simplex 12Apr21

Enargia infumata 10Jul25

Feralia deceptiva 11Apr05

Litholomia napaea 11May03

Noctua comes 10Apr23; 10May31

N. pronuba 10Apr27; 10May31; 10Jun30; 10Nov 18; 11Sep04; 11Sep27; 11Sep30;
12Apr08;

Nycteola cinereana 10Aug07

N. frigidana 10Jul22; 10Jul23; 10Aug06

Orthosia hibisci 11Apr05

O. praeses 11Apr05

O. transparens 11Apr06; 11Apr24

Phlogophora periculosa 11Sep06

Pleromelloida conserta 12Apr08;

Polia nimbosea 11Apr24

Xylena nupera 12Apr09

Zothea tranquilla 10June10; 10Jul05; 11Jul18
Unidentified plusiine 11Apr24

NOLIDAE

Nola minna 11May03; 12Apr09

NOTODONTIDAE

Furcula scolopendrina 10Aug03; 10Aug13
Schizura unicornis 10Oct03

NYMPHALIDAE

Aglais milberti 10Jul29
Boloria epithore 11Sep09
Cercyonis pegala 11Sep10
Coenonympha tullia 10Jun16; 10Jun22; 11Jun09
Danaus plexippus 11Aug11
Limenitis lorquini 10May15; 10Jun01; 10Jun10; 10Jun17; 10Jul03; 10Aug10
11May24; 11Jul06; 11Aug02; 11Aug26
Nymphalis antiopa 10Jun07; 11Jun12; 11Jul07; 12Apr20;
N. californica 10Mar26; 10Apr20
Phyciodes mylitta 10Aug07; 10Aug12
Polygonia faunus 12Apr11; 12Apr24;
P. gracilis 11Sep09
P. satyrus 10Apr06; 10Jun17; 10Jun21; 10Jul02; 10Jul14; 11Apr20
11Apr25; 11May31; 11Jun21; 11Jun25; 11Jul03; 11Jul22; 12Mar25;
12Mar27; 12Apr15; 12Apr17; 12Apr21;
Vanessa atalanta 10Jul22; 10Aug06; 11Jul16; 11Jul21; 11Aug01
V. cardui 10Nov13; 11Jun02; 11Aug01

OECOPHORIDAE

Agonopterix alstroemeriana 11Apr05; 11Jun15; 11Jul01;
Endrosis sarcitrella 10Sep17

PAPILIONIDAE

Papilio eurymedon 10Jun05; 10Jul08; 11Jun23; 11Jul07
P. rutulus 10Jun05; 10Jun07; 10Jun22; 10Jul08; 10Jul26; 10Aug13; 11Jun15
11Aug03; 11Sep30; 11Oct15; 11Oct25
P. zelicaon 10Apr21; 10Jul08; 11Jun02

PIERIDAE

Anthocharis sara 10Mar26; 10Apr28; 11Jun12; 12Apr17; 12Apr18;
Neophasia menapia 10Aug15; 11Aug14; 11Aug17; 11Aug14; 11Aug16; 11Aug26
11Aug29
Pieris marginalis 10Jul26; 10Aug03; 11Jul07
P. rapae 10Apr06; 10Apr21; 10Aug03; 10Aug12; 10Aug17; 10Oct 24; 11Jul05

11Jul08; 11Jul18; 12Apr14;

PLUTELLIDAE

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

PTEROPHORIDAE

Emmelina monodactyla 10Aug18

SATURNIIDAE

Antheraea polyphemus 10Jul16; 11Jul05
Hemileuca eglanterina 10Sep28; 11Aug05
Hyalophora euryalus 10Jun04

SESIIDAE

Paranthrene robiniae 11Aug26

SPHINGIDAE

Smerinthus cerisyi 10Sep28; 11Jul25
Sphinx sp. 10Aug13

TINEIDAE

Tineola bisselliella 11Jul07

TORTRICIDAE

Acleris albicomana 11Jun16
A. gloverana 10Aug13
A. minuta 10Aug05
Archips podana 11Jul04
A. rosanus 11Jul04
Carcina quercana 11Jul11
Choristoneura rosaceana 10Jul16; 11Jun14
Ditula angustiorana 11Jul07
Grapholata lunatana 11Apr23
Hedya nubiferana 11Jun07
Pandemis sp. 11Jun14
Unidentified 11Jul26

YPONOMEUTIDAE

Yponomeuta malinellus 10June08; 10Jun28

Neuroptera

CHRYSOPIDAE

Chrysopa sp. 10Jun16
Unidentified 10Aug31; 11Jun13

HEMEROBIIDAE
Unidentified 10Aug23

Odonata

AESHNIDAE

Aeshna canadensis 10Jul30; 11Aug14; 11Aug14
A. interrupta 10Jul30; 11Aug14; 11Aug14
A. palmatalumbrosa 11Jul14; 11Sep11
A. umbrosa 11Aug14; 11Aug14
Anax junius 10Jul14
Rhionaeschna californica 10May 15; 11Jun07
R. multicolor 10Jun18; 10Jul20; 10Jul22; 10Jul31
R. sp. 11Jul19

COENAGRIONIDAE

Enallagma boreale 10Jun25
E. carunculatum 10Jul02; 10Aug23
Ischnura cervula 10Jul02; 11May20; 12May01
I. erratica 10May24
I. perparva 10Jul02

LIBELLULIDAE

Erythemis collocata 11Aug5
Leucorrhinia intacta 10Jul12
L. proxima 10Jul14
Libellula forensis 10Aug17; 11Jun07
L. lydia 10Jul12; 11Jun24; 11Jul07
L. quadrimaculata 10Jul12; 10Jul14; 11May21
Pachydiplax longipennis 10Jun22; 10Jul14; 10Jul30
Sympetrum corruptum 10Oct13
S. illotum 10Jun14; 10Jul12; 10Jul14; 19Jul23
S. obtrusum 10Jul26; 10Aug15; 11Aug14; 11Aug14
S. pallipes 10Jul14; 11Aug05;
S. vicinum 10Aug16; 11Aug17;

Orthoptera

ACRIDIDAE

Arphia pseudonietana 10Sep25
Dissosteira carolina 10Aug04;
Melanoplus bivittatus 10Aug18
Melanoplus sp. 10Jul22
Trimerotropis verruculata 10Oct 01

GRYLLIDAE

Gryllus pennsylvanicus 10Sep25

TETRIGIDAE

Unidentified 10Aug30

Phthiraptera

PHILOPTERIDAE

Presumed *Strigiphilus acadicus* 11Dec04

Thysanura

LEPISMATIDAE

Thermobia domestica 10Sep17; 11Apr24

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.

