

LEPIDOPTERA OBSERVED AT THE SEDGWICK RESERVE (UCNRS),
SANTA BARBARA COUNTY, CALIFORNIA

compiled by J. A. Powell

Dates: 22/25 May 2006

Observers: C. Barr, J. Imamani, P. O'boyski, J. Powell, R. Zuparko

9/11 May 2007, J. Powell

August 2008 (1) to February 2009 C. Grinter biweekly BL trap samples

18/20 March 2009, C. Grinter, J. Powell, D. Wickle

Abbreviations: **ad** = adults; **la** = larvae; **mi** = larval leaf mines; **s** = sight record; **?** = ID uncertain; **CB** = Chris Ginter; **JAP** = J. Powell; **FC** = Figueroa Cyn.; **SG** = Serpentine grassland; \square = feet elevation; **I-XII** = months, January to December.

Larval food plants are listed for host-specific leaf miners that are recognizable by mine structure and for larvae from which adult(s) were reared (JAP collection lot numbers).

Where not otherwise indicated (s, la, mi) all records are based on one or more voucher specimens of adults, deposited in the Essig Museum of Entomology, U.C. Berkeley, or C. Ginter collection. [&/or SBNHM?]

MOTHS

Eriocraniidae:

Dyseriocrania aurosparsella ?,	V.06, mi <i>Quercus agrifolia</i>
Neocrania bifasciata Davis	V.07

Nepticulidae:

Stigmella variella,	V.06, mi <i>Q. agrifolia</i> ; V.07, mi, JAP 07E4.2
Stigmella diffasciae Braun	V.06, mi, <i>Rhamnus californicus</i>
Stigmella heteromelis	V.06, mi, <i>Heteromeles arbutifolia</i>

Tischeriidae:

Tischeria ?consanguinea	V.06, mi <i>Q. agrifolia</i> , ad reared (JAP 06E22), V.07?
Tischeria sp.	V.06, mi SG, <i>Q. agrifolia</i>
Tischeria ceanothi? (gray)	V.07

Prodoxidae:

Greya solenobiella	III.09
Greya ?obscura	III.09
Prodoxus aenescens Riley,	V.06, <i>Yucca whipplei</i>
Prodoxus marginatus Riley,	V.06, <i>Y. whipplei</i>
Tegeticula maculata (Riley),	V.06, <i>Y. whipplei</i> , V.07

Incurvariidae:	
unplaced sp. new to me	V.06,
Heliozelidae:	
Coptodisca powellella Opler,	V.06, mi <i>Q. agrifolia</i>
Tineidae:	
Elatobia carbonella	CG 08-09
Nemapogon nr. arcella	V.07
Nemapogon granellus	V.06
Tinea niveocapitella	V.06, V.07
Tinea occidentella	V.06, V.07
Tinea sp. (brown)	V.06
Tinea (small)	V.07, III.09 same?
unplaced sp. new to me	V.06
Acrolophidae:	
Acrolophus kearfotti	CG 08
Acrolophus laticapitanus	V.07, CG 08
“? (large)	V.07
Amydria trifida	CG 08
Amydria sp. (speckled FW & plain)	V.06, V.07
Ptilopsaltis confusella	CG 08-09
Gracillariidae:	
Caloptilia? (small, pale)	V.07
Cameraria agrifolilla	V.06, mi, <i>Q. agrifolia</i> ; V.07, mi (JAP 07E4.3)
Cremastobombycia grindeliella	CG 08-09 [? No <i>Grindelia</i> listed in Sedgwick flora]
lithocolletine sp. 1 unplaced	V.06
lithocolletine sp. 2 unplaced	V.06
lithocolletine (dark)	V.07
lithocolletine (white)	V.07
Bucculatricidae:	
Bucculatrix koebelella	V.06, V.07
Oecophoridae:	
Borkhausenia nefrax	V.06
Pleurota albastrigulalla	V.06, V.07
Stenomatidae:	
Rectiostoma fernaldella	la <i>Q. agrifolia</i> , ad reared (JAP 06E19.1)
Ethmiidae:	

Ethmia discostrigella	V.06, V.07, CG 08-09, III.09
Momphidae:	
Mompha sp.	V.06 FC 1200'
Cosmopterigidae:	
Anoncia sp.	la <i>Salvia spathacea</i> , ad reared (JAP 06E17); la <i>Salvia leucophylla</i> , ad reared (JAP 06E23)
Stilbosis dulcedo	mi <i>Q. agrifolia</i> , ad reared (JAP 06E18); mi <i>Q. agrifolia</i> , ad reared (JAP 06E22); not reared (JAP 07E4)
Stilbosis sp.?	V.06
Walshia miscecolorella	V.06. V.07
Elachistidae:	
Elachista 1	V.06
Elachista 2	V.06
Elachista 3	III.09
Scythrididae:	
Neoscythris ?confinis	V.06, FC 1200', SG 2050' (diurnal)
Rhamphura ochristrigella group	V.07 (diurnal)
Coleophoridae:	
Batrachedra striolata	V.07, la, <i>Pontania</i> galls on <i>Salix</i> , ad reared (JAP 07E5)
Coleophora accordella	V.06, V.07
Coleophora 2 (tan, white lines)	V.06, V.07
Coleophora (dark tan)	V.07
Coleophora 3 (rust, silver lines)	V.06
Coleophora 4 (pale gray)	V.06
Coleophora 5 (tiny, black lines)	V.06
Coleophora 6 (tiny, dark gray)	V.06
Coleophora 7 (gray, white costa)	V.06
Coleophora 9 (pale gray)	V.07
Blastobasidae:	
Holcocera sp. (tiny)	V.06
Holcocera sp. 2 (iceryaeella ?)	V.06, V.07 ♀♀
Holcocera moroccanella?	V.07
Holcocera sp. 3 (uniform gray)	V.06 ♂
Hypatopa sp. (broad scape)	V.06 ♂
Hypatopa (small, slender) (2 spp.?)	V.07 ♂♂
Pigritia sp.	V.06, V.07
unplaced sp. (tiny, white)	V.06

Gelechiidae:

Arla diversella	V.06, V.07
Aristotelia ?adenostomae	V.07
Aristotelia (rust)	V.06, V.07 (2 spp.)
Aristotelia (gray & black)	V.07
Aristotelia? (gray streaks)	V.07
Aristorelia (small, dark)	III.09
“Aristotelia” nr. isopelta	CG 08-09, III.09
Aroga moreonella	V.06, V.07
Aroga ?paraplutella	V.06, V.07
Aroga sp. 3	V.06
Aroga sp. 4	V.06
Aroga?	III.09
Bryotropha sp.	V.06, V.07
Chionodes nitor? (small)	V.07
Chionodes ochreostrigella	V.07
Chionodes petro group	V.07
Chionodes sp.?	V.06
Chionodes (small, brown)	V.07
Chionodes (small, dark)	V.07
Chionodes (pale palpi)	V.07
Chionodes? FW like davisii	V.07
Chionodes? (pale gray)	V.07
Chionodes? (pale brownish)	V.07 ♀♀
Coleotechnites sp.	V.06, V.07
Evippe sp.	V.06, III.09 same?
Filatima saliciphaga	V.07, la, <i>Salix lasiolepis</i> , ad reared (JAP 07E6)
Filatima sp.	V.06
Filatima sp.2 (ochreous abd.)	V.06, V.07 ♀
Filatima sp.?	V.06
Filatima? (pale pronotum)	III.09
Gelechia bianulella	CG 08-09
Gelechia sp.	V.06
Gnorimoschemine sp. unplaced	V.06, V.07
“ (? 2 nd sp. smaller)	V.06, V.07
Isophrictis sp.?	V.06
“ 2 nd sp.?)	V.06
Telphusa? (tiny)	V.07
Xenolechia querciphaga?	V.07
unplaced sp. (raised scale rows)	V.06
unplaced sp. (slender, shiny)	V.06
unplaced sp. (gray)	V.06
unplaced Plutella-like	III.09
unplaced (small dark)	III.09

Plutellidae:

<i>Euceratia castella</i> (Wlsm.)	V.07
<i>Euceratia securella</i> (L.)	V.07
<i>Plutella xylostella</i> (L.)	V.07, III.09
<i>Plutella vanella</i>	V.07

Argyresthiidae:

<i>Argyresthia pilatella?</i>	V.07
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Lyonetiidae:

<i>Bedellia somnulentella</i>	V.06
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Cossidae:

<i>Prionxystus robiniae</i>	V.06, V.07
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Tortricidae:

<i>Chimoptesis chrysopyla</i>	III.09
<i>Epiblema not strenuana?</i>	III.09
<i>Epinotia albangulana</i>	V.06
<i>Epinotia emarginana</i>	III.09
<i>Epinotia kasloana</i>	CB 08
<i>Epinotia ?</i>	III.09
<i>Eucosma</i> sp.	V.06
<i>Eucosma</i> sp.	V.07
<i>Phaneta misturata</i>	V.07
<i>Phaneta striatana</i>	V.06, III.09
<i>Phaneta ?pallidarcis</i>	V.06, V.07
<i>Pseudexentera habrosana</i>	III.09
<i>Cydia latiferreana</i>	V.06
<i>Grapholita caeruleana</i>	III.09 CrossRd. 1600' diurnal
<i>Acleris maximana</i>	CG 08-09
<i>Cnephasia longana</i>	V.07
<i>Decodes</i> sp.	CG 08-09
<i>Anopina triangulana</i>	V.06, V.07
<i>Archips argyrospilus</i>	V.06, V.07
<i>Clepsis peritana</i>	V.06
<i>Amorbia cuneana</i>	V.06
<i>Cochylis carmelana</i>	III.09
<i>Henricus contrastanus</i>	V.07
<i>Henricus umbrabasanus</i>	V.07
<i>Platphalonidia felix</i>	V.07
<i>Saphenista</i> sp.1	V.06
<i>Saphenista</i> sp.2	V.06
<i>Unplaced cochyline</i>	V.07

Pterophoridae:

Anstenoptilia marmarodactyla	V.06, V.07
Capperia ningoris	V.06
Oidaematophorus sulphurodactylus	V.06
Oidaematophorus (white)	V.06
Oidaematophorus (small, pale)	V.07
Platyptilia carduidactylus	V.07

Crambidae:

Cosipara	V.07
Eudonia rectilinea	V.06, V.07
Scoparia ?palloralis	V.06, V.07
Dicymolomia metalliferalis	CG 08
Dicymolomia opuntialis	V.07, [not C. iphitalis?]
Microtheoris ophionalis	III.09
Achyra occidentalis	V.06
Arta epicoenalis	V.06, V.07
Choristostigma zephyralis	V.06
Mecyna mustelinalis	V.06, V.07
Pyrausta lethalis	V.06
Pyrausta napaealis	V.06, V.07, III.09
Pyrausta perrubralis	V.06
Pyrausta pilatealis	V.06
Pyrausta unifascialis	V.06 2050', V.07
Saucrobotys futilalis	V.07
Crambus sp.?	V.06,
Euchromius ocellus	V.06, V.07, CG 08
Unplaced crambid (pale tan)	V.07

Pyralidae:

Pyralis sp.	V.06, V.07
Toripalpus trabalis	V.06, V.07
Dioryctria sp.	V.06
Ephestia kuehniella	V.06, V.07, III.09
Ephestiodes gilvescentella	V.06, V.07, III.09
Honora dotalis	V.06
Myelopsis alatella	III.09
Myelopsis sp.	CG 08-09
Patagonia peregrina	V.06
“ (?)	V.07
Phycitodes mucidellus	V.06
Pima albaplagiatella	V.06
Rhagea stigmella	V.07
Sosipatra sp.?	V.06, V.07
Vitula edmansae	V.06, V.07, III.09
unplaced phycitine	V.06

unplaced phycitines (2 spp.) V.07

Geometridae:

Aethaloida packardaria	III.09
Anacamptodes fragilaria	V.07
Chetosceilis faseolaria	V.06, V.07
Chlorochlamys appellaria	V.06
Cyclophora dataria	III.09
Dichorda illustraria	V.06
Drepanulatrix falcateria	CG 08-09, III.09
Drepaulatrix hultii	V.06, V.07?
Drepaulatrix monicaria	V.06, V.07, III.09
Drepanulatrix quadraria?	V.06
Drepanulatrix (dark)	V.07
Dysstroma mancipata?	V.06, V.07
Dysstroma 2 nd sp.	V.07
Epirrhoe plebeculata	CG 08-09
Elpiste marcescaria	V.07
Eudrepanulatrix rectifascia	III.09
Eupithecia acutipennis	CG 08-09
Eupithecia misturata	V.07
Eup. segregata	III.09
Eupithecia subapicata	III.09
Eup. zelmira	III.09
Eupithecia (small, dark)	V.07
Eusarca falcata	V.07
Glaucina epiphysaria	V.06
Glena sp.	V.06, V.07?
Hesperumia sulphuraria	V.06
Hydriomena albifasciata	III.09
Hydriomena nubilofasciata	CG 08-09, III.09
Hydriomena 3 rd sp.	III.09
Macaria adonis	V.07
Macaria californiata	V.06, V.07, III.09
Macaria irrorata?	V.06
Macaria neptaria	V.06, III.09
Macaria quadrilineata	V.07
Macaria muscariata	III.09
Nasusina	V.07
Nemoria darwiniata	V.06, V.07
Nemoria pulcherrima	CG 08-09, III.09?
N. leptalea	V.06
Nemoria (dull olive)	V.07
Neoalcis sp.? (small)	V.06

Neoterpes edwardsata	III.09
Orthonama obstipata	III.09
Paleacrita longiciliata	CG 08-09
Pero macdunnoughi	V.06, V.07, CG 08-09, III.09
P. radiosaria	V.06, V.07, III.09
Pherne subpunctata?	V.06, V.07, III.09
Phigalea plumogeraria	CG 08-09, III.09
Plataea personaria or ursaria	V.06, V.07, III.09
Plataea ursaria	CG 08-09
Plataea diva?	V.07
Pterotaea?	V.07, III.09
Sabulodes aegrotata	V.06, III.09
Sabulodes spoliata	V.06
Scopula junctaria	V.07
Sericosema juturnaria	V.07
Spargania magnoliata	V.06
Stamnodes affiliata	CG 08-09
Synchlora liquoraria	V.06
Synaxis cervinaria	V.06
Synaxis moesiani	CG 08-09
S. pallulata	V.06, V.07?
Synaxis 3 rd sp.	V.07
Tornos erectarius	V.07
Triphosa californiaria	CG 08-09, III.09
Venusia duodecemlineata	III.09
Zenophleps lignicolorata	V.06, CG 08-09, III.09
Lasiocampidae:	
Malacosoma constrictum	ad V.07
Malacosoma sp.	V.06, la, <i>Q. lobata</i>
Phyllodesma americana	V.07, III.09 [= coturnix?]
Phyllodesma coturnix	CG 08-09
Tolyte lowriei	V.06, V.07
Lymantriidae:	
Orgyia vestusta	V.07, la, no host
Saturniidae:	
Antheraea polyphemus	V.06, V.07
Arctonotus lucidus	CG 08-09
Hyalophora euryalus	V.06, III.09
Sphingidae:	
Hyles lineata	III.09
Sphinx perelegans	V.06

Notodontidae:

<i>Clostera apicalis</i>	III.09
<i>Furcula cinerea</i>	V.06, V.07, III.09
<i>Nadata gibbosa</i>	V.06

Arctiidae:

<i>Apantesis (Grammia) ornata</i>	V.06, V.07, CG 08-09, III.09
<i>A. (N.) proxima</i>	V.06
<i>Cisthene deserta</i>	CG 08-09
<i>Cisthene liberomacula</i>	V.06, V.07, CG 08-09
<i>Hemihyalea edwardsii</i>	CG 08
<i>Spilosoma vestalis</i>	V.06, III.09

Noctuidae:

<i>Abagrotis denticulata</i>	CG 08-09
<i>Abagrotis sp.</i>	V.06, V.07
<i>Abagrotis sp.</i>	V.06 [same sp.?]
<i>Acerra normalis</i>	CG 08-09
<i>Acronicta marmorata</i>	V.06, V.07, CG 08-09, III.09
<i>Admetovis similaris</i>	III.09
<i>Acronicta perdita</i>	V.07, III.09
<i>Agrotis aenipennis</i>	V.06
<i>Agrotis ipsilon</i>	V.06, V.07, III.09
<i>Apamea amputatrix</i>	V.06, V.07?
<i>A. cincta</i>	V.06, III.09
<i>A. cuculliformis</i>	V.06
<i>Aseptis binotata</i>	V.06
<i>A. paviae?</i>	V.06 [may be all binotata]
<i>Autographa californica</i>	V.06, V.07, CG 08-09, III.09
<i>Autographa pasiphaea</i>	V.06
<i>Behrensia conchyiformis</i>	CG 08-09, III.09
<i>Caenurgia togataria</i>	V.06, V.07
<i>Catabena lineolata</i>	V.06, V.07, III.09
<i>Catocala veerilliana</i>	CG 08
<i>Chytonix divesta</i>	CG 08-09
<i>Cisseps lineolata</i>	III.09
<i>Cryphia viridata</i>	V.06, V.07, CG 08-09, III.09
<i>Dargida procincta</i>	V.06, III.09
<i>Egira cognate</i>	CG 08-09
<i>Egira crucialis</i>	CG 08-09, III.09
<i>Egira curialis</i>	CG 08-09, III.09
<i>Egira hiemalis</i>	CG 08-09, III.09
<i>Egira perlubens</i>	CG 08-09, III.09
<i>Egira rubrica</i>	CG 08-09, III.09
<i>Euxoa infausta?</i>	V.06
<i>Euxoa medialis</i>	CG 08-09

<i>Euxoa messoria?</i>	V.06
<i>Euxoa olivalis</i>	CG 08-09
<i>Euxoa</i> sp. can't place	V.06
<i>Euxoa</i> not septentrionella?	V.07
<i>Euxoa</i> (pale brown)	V.07
<i>Feralia februalis</i>	CG 08-09, III.09
<i>Heliothis phloxiphaga</i>	V.06
<i>Hemeroplanis finitima</i>	V.07, III.09
<i>Hemieuxoa rudens</i>	V.07
<i>Idia americalis</i>	V.06, V.07, CG 08-09
<i>Lacinipolia cuneata</i>	V.06
<i>Lacinipolia patalis</i>	V.06, V.07?
<i>Lacinipolia pensilis?</i>	V.06
<i>Lacinipolia strigicollis</i>	CG 08
<i>Leucania oaxacana</i>	V.06, III.09 (= 'oregona')
<i>Leucania</i> “ (?)	V.07
<i>Meganola</i>	III.09
<i>Melipotis indominita</i>	V.06
<i>Mesogona olivata</i>	CG 08-09
<i>Microhelia</i> (= Cobalos?) <i>angelica</i>	CG 08-09
<i>Miodera stigmata</i>	CG 08-09
<i>Noctua pronuba</i>	V.06, V.07
<i>Nola minna</i>	CG 08-09, III.09
<i>Oligia marina</i>	V.06, V.07?
<i>Oncocnemis ragani</i>	V.06
<i>O. singularis</i>	V.06
<i>Orthosia berensiana</i>	CG 08-09
<i>Orthosia erythrolita</i>	CG 08-09, III.09
<i>Orthosia hibisci</i>	CG 08-09
<i>Orthosia pacifica</i>	III.09
<i>Orthosia praeses</i>	CG 08-09
<i>Parabagrotis formalis/insularis</i>	V.06, V.07
<i>Perigonica pectinata</i>	III.09
<i>Peridroma saucia</i>	III.09
<i>Platysenta albeolabes</i>	V.07
<i>Pleromelloida cinerea</i>	CG 08-09
<i>Pleromelloida concerta</i>	CG 08-09
<i>Properigea albimacula</i>	V.07
<i>Protorthodes hanhami</i>	V.06, V.07?
<i>Protorthodes perforata</i>	CG 08-09
<i>Protorthodes rufula</i>	III.09
<i>Pseudaletia unipunta</i>	V.06
<i>Pseudobryomima fallax</i>	CG 08-09, III.09
<i>Pseuorthosia variabilis</i>	CG 08-09 [=“Protorthodes”, a lapsus, or am I one behind in the generic assignments?]
<i>Spodoptera exigua</i>	CG 08-09

Stretchia inferior	CG 08-09
Sympistis behrensi	CG 08-09
Sympistis pallidior	CG 08-09 [are <i>Oncocnemis</i> & <i>Lepipolys</i> now syn. with <i>Sympistis</i> ? I was not aware of these changes, please send reference]
Synedoida (Drasteria) edwardsii	V.06, V.07
Synedoida fumosa	V.07
S. tejonica	V.06, V.07, III.09
Tetanolita palligera	V.06
Trichoclea?	III.09
Ufeus satyricus	CG 08-09
Ulolonche dilecta	CG 08-09
Zosteropoda hirtipes	V.06, V.07, CG 08-09, III.09
Zotheca tranquilla	V.07

BUTTERFLIES

Hesperiidae:

Erynnis propretius	V.06, III.09
Heliopetes ericetorum	V.06, III.09
Ochlodes agricola	V.06, V.07

Papilionidae:

Papilio eurymedon	V.07s
Papilio rutulus	V.06s, V.07s

Pieridae:

Anthocaris sara	V.06, CG I.09?, III.09
Colias harfordi	V.07
Pontia protodice	V.06

Lycaenidae:

Callophrys dumetorum	III.09
Mitoura spinetorum	V.07
Satyrium californicum	V.07
S. saepium	V.07
Celastrina ladon?	V.06 s
Euphilotes bernardino	V.06
E. enoptes?	V.07
Glaucopsyche lygdamus	V.06, V.07, III.09
Icaricia icarioides	V.06
Plebeius acmon	V.06, V.07, III.09

Nymphalidae:

Adelpha bredowi	V.06, V.07s, III.09s
Chlosyne gabbi	V.06, V.07

<i>Euphydryas chalcedona</i>	V.06, V.07, III.09 + lar
<i>Junonia coenia</i>	V.06, V.07s
<i>Phyciodes mylitta</i>	V.06
<i>Speyeria coronis?</i>	V.07
<i>Coenonympha californica</i>	V.06, V.07s, III.09

