

Lepidoptera Recorded for Imperial County California

Compiled by Jeffrey Caldwell j.a.caldwell71@gmail.com 1-925-949-8696

Note:

BMNA = Butterflies and Moths of North America web site

MPG = Moth Photographers Group web site

Most are from the Essig Museum's California Moth Specimens Database web site

Arctiidae. Tiger and Lichen Moths.

Apantesis proxima (*Notarctia proxima*). **Mexican Tiger Moth.** 8181 [BMNA]

Ectypia clio (*clio*). **Clio Tiger Moth.** 8249

Estigmene acraea (*acraea*). **Salt Marsh Moth.** 8131

Euchaetes zella. 8232

Autostichidae (Deoclonidae).

Oegoconia novimundi. **Four-spotted Yellowneck Moth.** 1134 (*Oegoconia quadripuncta* mis-applied)

Bucculatricidae. Ribbed Cocoon-maker Moths.

Bucculatrix enceliae. **Brittlebrush Moth.** 0546

Cossidae. Goat Moths, Carpenterworm Moths, and Leopard Moths.

Comadia henrici. 2679

Givira mucida. 2660

Hypopta palmata. 2656

Prionoxystus robiniae (*mixtus*). **Carpenterworm** or **Locust Borer.** 2693

Depressariidae.

Pseudethmia protuberans. 1008 [MPG]

Ethmiidae. Now assigned to Depressariidae. Ethmiinae.

Ethmia timberlakei. 0984

Pseudethmia protuberans. 1008

Gelechiidae. Twirler Moths.

Aristotelia adceanotha. 1726 [Sighting 1019513 BMNA]

Chionodes abdominella. 2054

Chionodes dentella. 2071

Chionodes fructuaria. 2078
Chionodes kincaidella. 2086 (reared from Atriplex acanthocarpa in Texas)
Chionodes oecus. 2086.2
Chionodes sistrella. 2116
Chionodes xanthophilella. 2125
Faculta inaequalis. **Palo Verde Webworm**. 2206
Friseria cockerelli. **Mesquite Webworm**. 1916
Gelechia desiliens. 1938
Isophrictis sabulella. 1701
Keiferia lycopersicella. **Tomato Pinworm**. 2047
Pectinophora gossypiella. **Pink Bollworm**. 2261
Prolita puertella. 1895
Prolita veledae. 1903

Geometridae. Inchworm Moths, Loopers, Geometers, or Measuring Worms.

Archirhoe neomexicana. 7295
Chesiadodes coniferaria. 6535
Chlorochlamys appellaria. 7073
Cyclophora nanaria. **Dwarf Tawny Wave**. W 7140
Dichorda illustraria. 7055
Dichordophora phoenix. **Phoenix Emerald**. 7057
Digrammia colorata. **Creosote Moth**. 6381
Digrammia irrorata (rubricata). 6395
Digrammia pictipennata. 6372
Digrammia puertata. 6404
Eubarnesia ritaria arida. 6520
Euphyia implicata (multilineata). 7400
Euphyia minima. 7401
Eusarca graceiaria. 6942
Eusarca venosaria. 6937

Glaucina baea. 6494

Glaucina erroraria. 6488

Glaucina eupetheciaria (lucida). 6496

Glaucina eureka (agnesae). 6515

Glaucina macdunnoughi. 6492

Glaucina magnifica. 6499

Glaucina ochrofuscaria (indistincta). 6516

Glaucina utahensis. 6490

Idea bonifata. **Fortunate Idea**. 7102 composites and detritus

Iridopsis obliquaria. **Oblique Looper**. 6577

Letispe metanemaria. 6325

Lobocleta lanceolata. 7098

Lobocleta ossularia. 7094 **Drab Brown Wave**.

Pero meskaria. **Meske's Pero**. 6747

Plataea calcaria. 6921

Pterotaea comstocki. 6563

Pterotaea crickmeri. 6548

Rindgea cyda. **Mesquite Looper**. 6415

Rindgea maricopa. 6411

Rindgea prolificata. 6409.1

Rindgea s-signata. **Signate Looper**. 6414 [Sighting 1019200 BMNA]

Synchlora frondaria (avidaria). **Southern Emerald**. 7059

Synglochis perumbraria. 6519

Triphosa californiata. **California Tissue Moth**. 7287

Yermoia perplexata. 6786

Heliodinidae. Sun moths.

Aetole prenticei. 2497.1

Embola powellii. 2500.1

Neoheliodines vernius. 2502.7

Hesperiidae. Skippers.

Agathymus stephensi. **California Giant-Skipper.**

Atalopedes campestris. **Sachem.**

Copaeodes aurantiaca. **Orange Skipperling.**

Erynnis funeralis. **Funereal Duskywing.**

Heliopetes ericetorum. **Northern White-Skipper.**

Hesperia juba. **Juba Skipper.**

Hesperopsis graciellae. **MacNeill's Sootywing.**

Hesperopsis libya. **Mohave Sootywing.**

Hylephila phyleus. **Fiery Skipper.**

Lerodea eufala. **Eufala Skipper.**

Nastra julia. **Julia's Skipper.**

Ochlodes agricola. **Rural Skipper.**

Ochlodes sylvanoides. **Woodland Skipper.**

Pholisora catullus. **Common Sootywing.**

Polites carus. **Carus Skipper.**

Polites sabuleti. **Sandhill Skipper.**

Polygonus leo. **Hammock Skipper.**

Pyrgus albescens. **White Checkered-Skipper.**

Pyrgus scriptura. **Small Checkered-Skipper.**

Staphylus ceos. **Golden-headed Scallopwing.**

Systasea zampa. **Arizona Powdered Skipper.**

Urbanus proteus. **Long-tailed Skipper.**

Lasiocampidae. Lappet Moths, Tent Caterpillar Moths, Eggars.

Malacosoma constricta (austrina). **Pacific Tent Caterpillar.** 7699

Lycaenidae. Coppers, Hairstreaks, Blues.

Atlides halesus. **Great Purple Hairstreak.**

Brephidium exilis. **Western Pygmy-Blue.**

Callophrys affinis. **Western Green Hairstreak.**

Callophrys augustinus. **Brown Elfin.**
Callophrys dumetorum. **Coastal Green Hairstreak.**
Callophrys gryneus. **Juniper Hairstreak.**
Chlorostymon simaethis. **Silver-banded Hairstreak.**
Echinargus isola. **Reakirt's Blue.**
Euphilotes bernardino. **Bernardino Dotted-Blue.**
Euphilotes enoptes. **Pacific Dotted-Blue.**
Glaucopsyche lygdamus. **Silvery Blue.**
Hemiargus ceraunus. **Ceraunus Blue.**
Leptotes marina. **Marine Blue.**
Ministrymon leda. **Leda Ministreak.**
Philotiella speciosa. **Small Dotted-Blue.**
Plebejus acmon. **Acmon Blue.**
Strymon istapa. **Mallow Scrub-Hairstreak.**
Strymon melinus. **Gray Hairstreak.**

Noctuidae. Owlet Moths, Miller Moths or Cutworm Moths.

Abagrotis orbis. 11027
Acontia cretata (Tarache cretata). **Chalky Bird Dropping Moth.** 9161
Acritogramma metaleuca. 8682
Acronicta browni. 9231.1
Agrotis ipsilon. **Ipsilon Dart** or **Black Cutworm** or **Greasy Cutworm.** 10663
Agrotis malefida. **Rascal Dart** or **Pale-sided Cutworm.** 10661
Agrotis vetusta. **Old Man Dart.** 10641W
Alabama argillacea. **Cotton Leafworm Moth.** 8554
Aleptina aleptivoides. 9072
Aleptina semiatra. 9165
Anarta antica. 10258
Anarta decepta. 10259
Anarta edwardsii. (both 'deserticola' and 'edwardsii' ssp or var) **Edwards' Beach Moth.** 10255

Anarta mutata. **Mutant Moth.** 10224

Anarta trifolii ((Discestra t., Hadula t.). **Nutmeg.** 10223

Anhimella pacifica. 10531

Anicla infecta. **Green Cutworm.** 10911

Aseptis catalina. 9528

Azenia templetonae. 9730

Bagisara buxea. 9172

Bleptina caradrinalis. **Bent-winged Owlet.** 8370 Eats detritus (detritophagus).

Bulia deducta. 8614

Bulia similaris (californica). 8615

Chloridea subflexa (Heliiothis subflexus). **Subflexus Straw Moth.** 11070

Chloridea virescens (Heliiothis virescens). **Tobacco Budworm.** 11071

Cobubatha dividua. 9018

Condica leucorena. 9705

Copablepharon mustelini. 10684.1

Crimona pallimedia. 10175

Cucullia basipuncta 10207

Cucullia cucullioides. 10210

Cucullia heinrichi. 10213

Cucullia mcdunnoughi. 10208

Drasteria eubapta. 8617

Drasteria tejonica. **Desert False Underwing.** (8640?)

Dypterygia patina. 9561

Emarginea dulcinea. 9719

Emarginea percara (includes Emarginea pallida). **Beloved Emarginea.** 9718

Escaria clauda (pallens). 9831

Euaontia clarki. 8568

Euaontia semirufa. 8567

Eublemma minima. **Everlasting Bud Moth.** 9076.

Euxoa auxiliaris. **Army Cutworm**. 10731

Euxoa inconcinna. 10732

Euxoa olivia. 10741

Euxoa pimensis. 10752

Euxoa silens. **Silent Dart**. 10751

Feltia subterranea. **Tawny Shoulder** or **Subterranean Dart** 10664.

Fishia discors (evelina). **Garden Cutworm**. 9970

Forsebia cinis (Forsebia perlaeta). **Forsebia**. 8613

Fotella notalis (olivia). 9833

Grotella stretchi. 11219

Helicoverpa zea was Heliothis zea. **Corn Earworm**. 11068

Heliocheilus paradoxus. **Paradoxical Grass Moth**. 11074

Hemeroplanis incusalis. **Anvil-wing Moth**. 8474

Hemeroplanis rectalis. 8475.1 [Sighting 1019518 BMNA]

Hemieuxoa rudens. 10914

Hemigrotella argenteostriata. 11230

Heteranassa fraterna. 8661

Heteranassa mima. 8659

Leucania incognita. 10450

Lineostriastiria hutsoni. 9756

Litoprosopus coachella. **Palm Budworm** or **Palm Flower Moth** or **Palm Moth**. 8558

Magusa divaricata. **Orbed Narrow-wing**. 9637.1

Matigramma rubrosuffusa. 8680

Melipotis acontinoides. **Royal Poinciana Moth**. 8610

Melipotis indomita. Indomitable Melipotis. 8600 [MPG]

Melipotis jucunda (hadenformis). **Merry Melipotis**. 8607

Mesapamea fractilinea (Oligia fractilinea). **Broken-lined Brocade**. 9406.

Metaponpneumata rogenhoferi. **Metaponpneumata**. 9074

Micrathetis costiplaga. 9645

Micrathetis triplex. **Triplex Cutworm**. 9644

Mythimna unipuncta. **Armyworm Moth**. 10438

Neogalea sunia. **Lantana Stick Moth**. 10032

Neotarache deserticola. 9058

Nocloa rivulosa. 9794

Nudorthodes texana (consors) (Protorthodes texana). 10560

Oxycnemis fusimacula. 10046

Ozarba propera. 9031

Parabagrotis exertistigma. 11047

Peridroma saucia. **Variiegated Cutworm. Pearly Underwing**. 10915

Perigonica tertia. **Tertia Oak Quaker**.10464

Plagiomimicus hilli. 9750

Ponometia acutus (catalina). 9105

Ponometia binocula. **Prairie Bird-dropping Moth**. 9089

Ponometia elegantula. 9109

Ponometia hutsoni. 9103

Ponometia macdunnoughi. 9116

Protogygia album. 10692

Protogygia biclavis. 10899

Protogygia polingi. 10896

Protoperigea posticata. 9643

Protorthodes alfkenii. 10559

Protorthodes melanopis. 10566

Pseudohadena vulnerea. 9577

Rachiplusia ou. **Gray Looper Moth**. 8895 [Sighting 1019280 BMNA]

Raphia frater (elbea). **Brother**. 9193

Schinia citrinellus. 111204

Schinia deserticola. 11134.2

Schinia dobla. 11101

Schinia felicitata. 11163
Schinia graefiana. [BMNA]
Schinia intrabilis. 11159
Schinia jaegeri. 11161
Schinia luxa. 11203 [Sighting 1019278 BMNA]
Schinia niveicosta. 11167
Schinia scarletina. 11096 [MPG]
Schinia tobia. 11152
Schranksia macula. **Black-spotted Schranksia**. 8431
Scotogramma deffessa. 10251
Scotogramma fieldi. 10250
Scotogramma gatei. 10249
Spaelotis unicava. 10926.2
Spodoptera exigua. **Beet Armyworm** or **Small Mottled Willow**. 9665
Spodoptera frugiperda. **Fall Armyworm**. 9666
Spodoptera ornithogalli. **Yellowstriped Armyworm**. 9669
Stiria consuela. 9784
Sympistis augustus. 10096
Sympistis bakeri. 10115 (Jennifer Bundy, MPG).
Sympistis deceptiva. 10088 photo shows one visiting a flower
Sympistis fasciata. 10100
Sympistis perscripta. **Scribbled Sallow**. 10154
Tarache aprica. **Exposed Bird Dropping Moth**. 9136
Tarache major. 9152 [MPG]
Tarache sedata (cacola). 9154
Tathorhynchus exsiccata. **Alfalfa Looper**. 8466
Tetanolita palligera. 8637
Toxonprucha crudelis. **Cruel Toxonprucha**. 8674 [MPG]
Toxonprucha repentis. 8673

Toxonprucha volucris (terminalis). **Bird Toxonprucha**. 8673
Trichocerapoda comstocki. 10425
Trichocosmia inornata (includes Trichocosmia drasteroides). 10219
Trichoplusia ni. **Cabbage Looper**. 8887
Trichopolia dentatella. 10618
Tridepia nova. 10253
Triocnemis saporis. 10174
Tripudia balteata. 9005
Tripudia limbatus. 9011
Tristyla alboplagiata. 10053
Unciella primula. 10111
Walterella ocellata. 9830
Zale rubiata. 8710

Notodontidae. Prominents.

Furcula cinerea. **Gray Furcula**. 7937 [BMNA]

Nymphalidae. Brushfoots.

Adelpha californica. **California Sister**.
Agraulis vanillae. **Gulf Fritillary**.
Chlosyne acastus. **Sagebrush Checkerspot**.
Chlosyne californica. **California Patch**.
Chlosyne gabbii. **Gabb's Checkerspot**.
Chlosyne lacinia. **Bordered Patch**.
Chlosyne leanira. **Leanira Checkerspot**.
Danaus gilippus. **Queen**.
Danaus plexippus. **Monarch**.
Dymasia dymas. **Tiny Checkerspot**.
Euphydryas chalcedona. **Chalcedon Checkerspot**.
Euptoieta claudia. **Variegated Fritillary**.
Euptoieta hegesia. **Mexican Fritillary**.

Junonia coenia. **Common Buckeye.**

Libytheana carinenta. **American Snout.**

Limenitis archippus. **Viceroy.**

Myscelia cyananthe. **Blackened Bluewing.**

Nymphalis antiopa. **Mourning Cloak.**

Nymphalis californica. **California Tortoiseshell.**

Phyciodes phaon. **Phaon Crescent.**

Phyciodes tharos. **Pearl Crescent.**

Vanessa annabella. **West Coast Lady.**

Vanessa atalanta. **Red Admiral.**

Vanessa cardui. **Painted Lady.**

Vanessa virginiensis. **American Lady.**

Papilionidae. Swallowtails.

Battus philenor. **Pipevine Swallowtail.**

Papilio cressphontes. **Giant Swallowtail.**

Papilio eurymedon. **Pale Swallowtail.**

Papilio multicaudata. **Two-tailed Swallowtail.**

Papilio polyxenes. **Black Swallowtail.**

Papilio rutulus. **Western Tiger Swallowtail.**

Pieridae. Whites, Orange-tips, and Sulphurs.

Abaeis nicippe. **Sleepy Orange.**

Anthocharis cethura. **Desert Orangetip.**

Anthocharis lanceolata. **Gray Marble.**

Anthocharis sara. **Pacific Orangetip.**

Colias eurytheme. **Orange Sulphur.**

Colias harfordii. **Harford's Sulphur.**

Colias philodice. **Clouded Sulphur.**

Euchloe hyantis. **California Marble.**

Eurema mexicana. **Mexican Yellow.**

Kricogonia lyside. **Lyside Sulphur**.

Nathalis iole. **Dainty Sulphur**.

Phoebis agarithe. **Large Orange Sulphur**.

Phoebis sennae. **Cloudless Sulphur**.

Pieris beckerii. **Becker's White**.

Pieris rapae. **Cabbage White**.

Pontia protodice. **Checkered White**.

Pontia sisymbrii. **Spring White**.

Zerene cesonia. **Southern Dogface**.

Prodoxidae. Yucca moths.

Tegeticula mojavella. 0198.4

Pterophoridae. Plume Moths.

Adaina cinerascens. 6158

Anstenoptilia marmarodactyla. 6117

Dejongia californicus. 6100 Grindelia & Isocoma (Powell & Opler, p. 119)

Pyralidae. Grass Moths and Lawnmower Moths.

Achyra rantalis. **Garden Webworm**. 4975

Ancylosis morrisonella. 5916 (syn. Heterographis morrisonella)

Arenochroa flavalis. 4988

Arispe cestalis (includes Arispe atalis). 5534

Cacotherapia lecerfialis. 5644

Cahela ponderosella. **Cahela Moth**. 5977

Catastia actualis. 5764 [Sighting 1020058 BMNA]

Cornifrons actualis. 4922

Diaphania hyalinata. **Melonworm Moth**.

Diastictis fracturalis. **Fractured Western Snout Moth**. 5256

Dichozoma parvipicta. 4809

Elasmopalpus lignosellus. **Lesser Cornstalk Borer**. 5896

Eoreuma loftini. **Mexican Rice Borer**. 5493 LOOK UP HOSTS

Eremberga leuconips. 5984 see page 196

Euchromis ocella. **Necklace Veneer** or **Belted Grass-veneer**. 5454

Eurythmia yavapaella. 6031.2

Frechinia laetalis. 4800

Hellula rogatalis. **Cabbage Webworm**. 4846

Homoeosoma electella. **Sunflower Moth**. 5935

Homeosoma striatellum. 5937 reared from unidentified Asteraceae desert shrub (P & O, p. 194)

Honora dotella. 5922

Honora mellinella. 5919

Loxocrampus mohaviellus. 5428

Loxostege albicalis. 4993 W

Lygropia octonalis. **Eight-barred Lygropia**. 5251

Meroptera pravella. **Lesser Aspen Webworm Moth**. 5787

Mimoschinia rufofascialis (novalis). **Rufous-banded Crambid**. 4826

Mojavia achemonalis. 4839 [Sighting 1019272 BMNA]

Noctueliopsis aridalis. 4834

Noctueliopsis brunnealis. 4830

Noctueliopsis bububattalis. 4837

Noctueliopsis palmalis. 4832

Noctueliopsis puertalis. 4831

Noctueliopsis virula. 4838

Nomophila nearctica. **Lucerne Moth** or **North American Grass Webworm**. 5156 [Sighting 1001161 BMNA]

Petrophila jaliscalis. 4775 aquatic larvae probably feed on algae (see P. & O., p. 181)

Petrophila kearfottalis. 4773 another aquatic species

Pima occidentalis. 5747.1

Porphyrorhegma fortunata. 4823

Prorasea gracealis. 4917

Pseudoschinia elautalis. 4828

Pseudoschoenobius opalescalis. 5337

Pyrausta dapalis. **Salvia Snout Moth**. 5054

Pyrausta zonalis. 5022

Ragonotia dotalis. 5902

Rhagea packardella. 5966

Rumatha jacumba. 5979.1

Sciota bifasciella (near ?). 5801 [Sighting 1019198 BMNA]

Selga arizonella. 5994

Spoladea recurvalis. **Hawaiian Beet Webworm** or **Spinach Moth**. 5170

Tallula baboquivarialis. 5593

Udea rubigalis. **Greenhouse Leaf-tier** or **Celery Leaf-tier**. 5079

Riodinidae. Metalmarks.

Apodemia palmeri. **Palmer's Metalmark**.

Calephelis nemesis. **Fatal Metalmark**.

Calephelis wrightii. **Wright's Metalmark**.

Saturniidae. Silkmoths.

Antheraea polyphemus. **Polyphemus Moth**. 7757 [BMNA]

Coloradia pandora (*lindseyi*). **Pandora Pinemoth**. 7724

Hemileuca electra (*nr. mojavensis*). **Electra Buckmoth**. 7736

Hemileuca hualapai. **Hualapai Buckmoth**. 7528 [BMNA]

Scythrididae. Flower moths.

Areniscythis new sp.

Scythis anthracina. 1650

Sesiidae. Clear-winged Moths and Wasp Moths.

Melittia gloriosa. **Glorious Squash Vine Borer** or **Manroot Borer**. 2540

Melittia grandis 2539

Zenodoxus canescens. 2514

Sphingidae. Sphinx Moths or Hawk Moths.

Erinnyis obscura. **Obscure Sphinx**. 7837

Euproserpinus phaeton. **Phaeton Primrose Sphinx**. 7880W

Hyles lineata. **White-lined Sphinx**. 7894

Manduca quinquemaculata. **Five-spotted Hawkmoth**. 7776 [BMNA]

Manduca rustica. **Rustic Sphinx**. 7778 [BMNA]

Manduca sexta. **Carolina Sphinx** or **Tomato Hornworm**. 7775

Pachysphinx occidentalis. **Big Poplar Sphinx**. 7829 [BMNA]

Smerinthus ophthalmica. **One-eyed Sphinx**. [BMNA]

Smerinthus saliceti. **Salicet Sphinx**. 7823

Tineidae. Fungus moths.

Acrolophus griseus. 0355

Acrolophus pseudohirsutus. 0375

Acrolophus pyramellus. 0377 possibly a grass-root feeder some are coprophagous in tortoise burrows

Acrolophus variabilis. 0385

Amydria curvistrigella. 0332

Dyotopasta yumaella. 0322 Dead cactus tissue (Opuntia & Echinocereus and Fouquieria columnaris)

Hypoplesia busckiella. 0320

Tortricidae. Leafrollers, Leaffolders, Fruit Moths, and Bell Moths.

Bactra furfurana. 2706

Clepsis peritana. **Garden Tortrix**. 3688

Epiblema sosana. 3180

Pelochrista bolanderana. (Eucosma bolanderana) 3029

Eugnosta beevorana. 3785

Ofatulena duodecemstriata. 3444

Platynota stultana. **Omnivorous Leafroller**. 3736

Sonia comstocki. 3221

Suleima helianthana. 3212

Suleima lagopana. 3215

Suleima new sp. near helianthana.

Yponomeutidae.

Atteva aurea. **Ailanthus Webworm.** 2401