

**Moths of Pinnacles National Monument
(Work in Progress)**

Summary table

Family	# Genera	# Species
Nepticulidae	1	4
Opostegidae	1	1
Tischeriidae	1	1
Incurvariidae	3	4
Tineidae	2	2
Acrolophidae	4	10
Lyonetiidae	1	1
Bucculatricidae	1	2
Gracillariidae	2	2
Oecophoridae	4	5
Blastobasidae	2	2
Coleophoridae	1	22
Momphidae	1	1
Cosmopterigidae	2	3
Scythrididae	2	2
Gelechiidae	14	21
Alucitidae	1	1
Plutellidae	3	5
Argyresthiidae	1	1
Heliodinidae	1	1
Sesiidae	2	2
Cossidae	2	2
Tortricidae	20	39
Crambidae	17	33
Pyralidae	36	41
Geometridae	42	82
Lasiocampidae	3	4
Saturniidae	2	2
Sphingidae	8	8
Notodontidae	4	6
Diptidae	1	1
Arctiidae	6	8
Lymantriidae	1	1
Noctuidae	74	120

Totals:

# Families	# Genera	# Species
34	266	440

Pinnacles Moth Checklist

Family	Species
Nepticulidae	<i>Stigmella sp. a</i> <i>Stigmella sp. b</i> <i>Stigmella sp. c</i> <i>Stigmella sp. d</i>
Opostegidae	<i>Opostega sp.</i>
Tischeriidae	<i>Tischeria sp.</i>
Incurvariidae	<i>Greya obscura</i> <i>Cauchas ?simpliciella</i> <i>Adela flammeusella</i> <i>Adela trigrapha</i>
Tineidae	<i>Nemapogon sp.</i> <i>Tinea occidentella</i>
Acrolophidae	<i>Amydria obliquella</i> <i>Amydria n. sp. "c"</i> <i>Amydria n. sp. 10</i> <i>Myrmacozela sp.</i> <i>Ptilopsaltis confusella</i> <i>Ptilopsaltis curvistrigella</i> <i>Acrolophus kearfotti</i> <i>Acrolophus laticapitanus</i> <i>Acrolophus pyramellus</i> <i>Acrolophus variabilis</i>
Lyonetiidae	<i>Bedellia somnulentella</i>
Bucculatricidae	<i>Bucculatrix sp. a</i> <i>Bucculatrix sp. b</i>
Gracillariidae	<i>Caloptilia agrifoliella?</i> <i>Marmara sp.</i>
Oecophoridae	<i>Agonopteryx alstroameriana</i> <i>Ethmia arctostaphylella</i> <i>Ethmia discostrigella</i> <i>Decantha stonda</i> <i>Pleurota albastrigulella</i>
Blastobasidae	<i>Hypatopa titanella</i> <i>Holcocera sp.</i>
Coleophoridae	<i>Coleophora accordella</i> <i>Coleophora sp. 1</i> <i>Coleophora sp. 2</i> <i>Coleophora sp. 3</i> <i>Coleophora sp. 4</i> <i>Coleophora sp. 5</i> <i>Coleophora sp. 6</i> <i>Coleophora sp. 7</i> <i>Coleophora sp. 8</i> <i>Coleophora sp. 9</i> <i>Coleophora sp. 10</i> <i>Coleophora sp. 11</i>

	<i>Coleophora sp.</i> 12
	<i>Coleophora sp.</i> 13
	<i>Coleophora sp.</i> 14
	<i>Coleophora sp.</i> 15
	<i>Coleophora sp.</i> 16
	<i>Coleophora sp.</i> 17
	<i>Coleophora sp.</i> 18
	<i>Coleophora sp.</i> 19
	<i>Coleophora sp.</i> 20
	<i>Coleophora sp.</i> 21
Momphidae	<i>Mompha n. sp.</i>
Cosmopterigidae	<i>Stagmatophora iridella</i>
	<i>Stagmatophora enchrysa</i>
	<i>Anoncia sp.</i>
Scythrididae	<i>Arotrura sp.</i>
	<i>Scythris ?? sp.</i>
Gelechiidae	<i>Gnorimoschemini sp. a</i>
	<i>Gnorimoschemini sp. b</i>
	<i>Gnorimoschemini sp. c</i>
	<i>Aristotelia sp. a</i>
	<i>Aristotelia sp. b</i>
	<i>Aristotelia sp. c</i>
	<i>Evippe sp.</i>
	<i>Coleotechnites sp.</i>
	<i>Leucogoniella californica</i>
	<i>Telphusa sedulitella</i>
	<i>Pseudochelaria scabrella</i>
	<i>Lita sp.</i>
	<i>Bryotropha ?hodgesi</i>
	<i>Gnorimoschema sp.</i>
	<i>Chionodes bicolor</i>
	<i>Chionodes ochreostrigella</i>
	<i>Aroga near paraplutella</i>
	<i>Aroga paraplutella</i>
	<i>Aroga paulella</i>
	<i>Mirificarma flamella</i>
	<i>Syncopacma sp.</i>
Alucitidae	<i>Alucita montana</i>
Plutellidae	<i>Euceratia castella</i>
	<i>Plutella albidorsella</i>
	<i>Plutella xylostella</i>
	<i>Ypsolopha barberella</i>
	<i>Ypsolopha cervella</i>
Argyresthiidae	<i>Argyresthia sp.</i>
Heliodinidae	<i>Aetole extraneella</i>
Sesiidae	<i>Paranthrene robiniae</i>
	<i>Sesia tibialis</i>
Cossidae	<i>Prionoxystus robiniae</i>
	<i>Miacora perplexa</i>
Tortricidae	<i>Bactra verutana</i>

Endothenia hebesana
Petrova sabiniana
Phaneta sp. 1
Phaneta sp. 2
Phaneta argenticostana
Phaneta benjamini
Eucosma sp. 1
Eucosma sp. 2
Eucosma sp. 3
Eucosma sp. 4
Eucosma langstoni
Eucosma atomosana
Eucosma williamsi
Eucosma metariana complex
Epiblema strenuana
Pseudexentera habrosana
Epinotia siskiyouensis
Epinotia miscana
Epinotia emarginana
Epinotia bigemina
Epinotia lomonana
Epinotia seorsa
Epinotia kasloana
Epinotia signiferana
Ancylis mediofasciana
Cydia latiferreana
Acleris senescens
Acleris foliana
Decodes basiplaganus
Decodes fragarianus
Argyrotaenia niscana
Archips argyrospila
Clepsis peritana
Sparganothis senecionana
Amorbia cuneana
Thaumatographa regalis
Platphalonidia felix
Phtheochroa aegrana
Cosipara sp.
Eudonia sp. a
Eudonia sp. b
Evergestis angustalis
Achyra occidentalis
Pyrausta morenalis
Pyrausta grotei
Pyrausta dapalis
Pyrausta perrubralis
Pyrausta semirubralis
Pyrausta unifascialis
Pyrausta laticlavia

Crambidae

Pyralidae

Pyrausta fodinalis
Udea profundalis
Choristostigma zephyralis
Choristostigma elegantalis
Mecyna mustelinalis
Mimorista subcostalis
Nomophila nearctica
Diastictis fracturalis
Crambus occidentalis
Crambus sperryellus
Agriphila anceps
Agriphila attenuata
Agriphila angulata
Pediasia sp.
Loxocrambus? sp. a
Loxocrambus? sp. b
Thaumatopsis? sp. a
Thaumatopsis? sp. b
Hemiplatytes sp. a
Hemiplatytes sp. b
Hemiplatytes sp. c
Patagonia? sp.
Petrophila confusalis
Nannobotys commortalis
Pyrausta napaealis
Euchromius ocellus
Pyralis farinalis
Aglossa sp.
Arta epicoenalis
Jocara trabilis
Toripalpus trabalis
Galleria mellonella
Alpheias sp. a
Alpheias sp. b
Alpheias sp. c
Acrobasis tricolorella
Acrobasis comptella
Trachycera pallicornella
Myelopsis alatella
Amyelois transitella
Dasypyga alternosquamella
Pima sp.
Ambesa mirabella
Etiella zinckenella
Sciota sp.
Phobus sp. a
Phobus sp. b
Dioryctria fordii
Dioryctria muricativorella
Sarata edwardsialis

Geometridae

Hulstia undulatella
Homoeosoma electellum
Phycitodes mucidella
Laetilia zamacrella
Rhagea packardella
Euzophera semifuneralis
Ephesiodes gilvescentella
Vitula bombylicolella
Sosipatra sp.
Ephestia keuhniella
Bandera sp.
Eurythmia yavapaella
Protitame matilda
Macaria extemporata
Macaria guenearia
Macaria marcescaria
Macaria adonis
Digrammia delectata
Digrammia muscariata
Digrammia californiata
Digrammia neptaria
Digrammia ?fieldi
Dasyfidonia avuncularia
Hesperumia sulphuraria
Neoalcis californiaria
Pterotaea sp.
Cochisea sp.
Cochisea sinuaria
Phigalia plumogeraria
Paleacrita longiciliata
Sericosema juturnaria
Sericosema simularia
Drepanulatrix unicalcaria
Drepanulatrix hulstii
Drepanulatrix quadraria
Drepanulatrix foeminaria
Drepanulatrix falcataria
Drepanulatrix monicaria
Pero radiosaria
Pero macdunnoughi
Aethaloida packardaria
Gabriola dyari
Slossonia rubrotincta
Neoterpes edwardsata
Sicya crocearia
Sicya morsicaria
Plataea personaria
Plataea diva
Pherne parallelia/subpunctata
Synaxis sp.

Synaxis sp.
Synaxis pallulata
Synaxis cervinaria
Synaxis formosa
"Prochoerodes" truxaliata
Sabulodes spoliata
Nemoria pulcherrima
Nemoria darwiniata
Nemoria leptalea
Dichorda illustraria
Synchlora liquoraria
Chlorochlamys appellaria
Idaea basinta
Idaea demissaria columbia
Dysstroma ?hulstata
Eustroma semiatrata
Hydriomena edenata
Hydriomena albifasciata
Hydriomena nubilofasciata
Triphosa haesitata
Triphosa californiata
Spargania magnoliata
Perizoma costiguttata
Stamnodes albiapicata
Stamnodes affiliata
Stamnodes marinata
Stamnodes ululata
Stamnoctenis costimacula
Epirrhoe plebeculata
Zenophleps lignicolorata
Orthonama obstipata
Venusia duodecemlineata
Venusia pearsalli
Operophtera occidentalis
Operophtera danbyi
Eupithecia misturata
Eupithecia ?behrensata
Eupithecia ?zelmira
Eupithecia segregata
Eupithecia gilvipennata
Eupithecia acutipennis
Eupithecia subapicata
Eupithecia nevadata
Eupithecia implorata
Lasiocampidae *Tolyte ?glenwoodi*
Tolyte ?lowriei
Phyllodesma americana
californica
Malacosoma constrictum
Saturniidae *Saturnia mendocino*

Sphingidae	<i>Hyalophora euryalis</i>	
	<i>Sphinx perelegans</i>	
	<i>Smerinthus cerisyi</i>	
	<i>Pachysphinx occidentalis</i>	
	<i>Hemaris diffinis</i>	
	<i>Arctonotus lucidus</i>	
	<i>Proserpinus clarkiae</i>	
	<i>Euproserpinus phaeton</i>	
	<i>Hyles lineata</i>	
	Notodontidae	<i>Clostera apicalis</i>
<i>Nadata gibbosa</i>		
<i>Furcula cinerea</i>		
<i>Furcula scolopendrina</i>		
<i>Schizura ipomoeae</i>		
Diptoridae	<i>Schizura unicornis</i>	
	<i>Phryganidea californica</i>	
Arctiidae	<i>Cisthene deserta</i>	
	<i>Leptarctia californiae</i>	
	<i>Spilosoma vestalis</i>	
	<i>Arachnis picta</i>	
	<i>Apantesis (Grammia) behrii</i>	
	<i>Apantesis (Grammia) ornata</i>	
	<i>Apantesis (Notarctia) proxima</i>	
	<i>Hemihyalea edwardsii</i>	
	Lymantriidae	<i>Orgyia vetusta</i>
		Noctuidae
<i>Mesogona olivata</i>		
<i>Mesogona subcuprea</i>		
<i>Noctua pronuba</i>		
<i>unplaced (not Brachylomia?)</i>		
<i>Idia lubricalis occidentalis</i>		
<i>Hemeroplanis finitima</i>		
<i>concoloralis</i>		
<i>Cissusa indiscreta</i>		
<i>Melipotus jucunda</i>		
<i>Synedoida scrupulosa</i>		
<i>Synedoida ochracea</i>		
<i>Synedoida edwardsii</i>		
<i>Synedoida pallescens</i>		
<i>Synedoida divergens</i>		
<i>Synedoida tejonica</i>		
<i>Zale termina</i>		
<i>Euclidia arditia</i>		
<i>Caenurgia togataria</i>		
<i>Catocala ilia zoe</i>		
<i>Catocala irene</i>		
<i>Catocala cleopatra</i>		
<i>Catocala jessica</i>		
<i>Catocala verrilliana</i>		
<i>Trichoplusia ni</i>		

Euchalcia albivitta
Autographa californica
Meganola sp.
Nola minna
?Cobubatha nr. albiciliata?
Copibryophila angelica
Eumicremma minima
Conochares ?arizonae
Acontia coquillettii
Acronicta marmorata
Acronicta perdita
Cryphia oaklandiae
Cryphia viridata
Alypia ridingsii
Alypia mariposa
Apamea albina
Apamea cinefacta
Oligia marina
Oligia violacea
Cobalos angelicus
Aseptis perfumosa?
Aseptis binotata
Properigea albimacula
Properigea niveirena
Pseudobryomima sp.?
Pseudobryomima fallax
Amphipyra brunneoatra
Protoperigea posticata
Micrathetis triplex
Platyperigea extima
Spodoptera exigua
Spodoptera praefica
Xanthothrix neumogenii
Cosmia calami
Zothea tranquilla
Annaphila decia
Homoglaea sp.
Dryotype opina
Feralia februalis
Pleromella opter
Pleromella cinerea
Catabena lineolata
Oncocnemis ragani
Behrensia conchiformis
Cucullia serraticornis
Cucullia dentilinea
Copicucullia eulepis
Admetovis similaris
Lacinipolia pensilis/vicina
Lacinipolia stricta cinnabarina

Lacinipolia strigicollis
Lacinipolia quadrilineata
Dargida procincta
Pseudaletia unipuncta
Leucania farcta ("oregona")
Perigonica pectinata/angulata
Acerra normalis
Stretchia inferior
Orthosia erythrolita
Orthosia pulchella
Orthosia praeses
Orthosia mys
Orthosia ?berhensiana
Orthosia macona
Orthosia arthrolita
Orthosia pacifica
Orthosia hibisci
Egira hiemalis
Egira crucialis
Egira curialis
Egira rubrica
Egira perlubens
Homorthodes hanhami
Zosteropoda hirtipes
Miodera stigmata
Agrotis venerabilis
Agrotis ipsilon
Agrotis subteranea
Euxoa sp. a
Euxoa sp. b
Euxoa sp. c
Peridroma saucia
Xestia infimatis
Xestia indeterminata
Adelphagrotis indeterminata
Abagrotis sp. a
Abagrotis sp. b
Abagrotis sp. c
Parabagrotis formalis/insularis
Ufeus plicatus
Heliothodes diminutivus
Heliothis zea
Schinia sueta californica
Schinia scarletina
Schinia pulchripennis