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
Dioptidae	1	1
Arctiidae	6	8
Lymantriidae	1	1
Noctuidae	74	120

Totals:

# Families	# Genera	# Species
34	266	440

Pinnacles Moth Checklist

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

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

	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
Crambidae	*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

	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
Pyralidae	*Patagonia? sp.*
	Petrophila confusalis
	Nannobotys commortalis
	Pyrausta napaealis
	Euchromius ocelleus
	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 fordi
	Dioryctria muricativorella
	Sarata edwardsialis

	Hulstia undulatella
	Homoeosoma electellum
	Phycitodes mucidella
	Laetilia zamacrella
	Rhagea packardella
	Euzophera semifuneralis
	Ephestiodes gilvescentella
	Vitula bombylicolella
	Sosipatra sp.
	Ephestia keuhniella
	Bandera sp.
	Eurythmia yavapaella
Geometridae	*Protitame matilda*
	Macaria extemporata
	Macaria guenearia
	Macaria marcescaria
	Macaria adonis
	Digrammia delectata
	Digramma 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	*Tolype ?glenwoodi*
	Tolype ?lowriei
	Phyllodesma americana californica
	Malacosoma constrictum
Saturniidae	*Saturnia mendocino*

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

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
Zotheca 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

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