

Pitchfork Ranch Moth Records – 2009-2016. This list must be considered as preliminary and incomplete, since the records relate to four nights of running light traps in 2009: May 17; June 19; July 28; August 19; four nights in 2010: May 26; June 13; August 29; September 19; three nights in 2011: August 3, 18, 19; eight nights in 2012: May 14, 25–27; July 23–24; August 6–7; five nights in 2013: June 3–4; June 19–21; 4 nights in 2014: August 17, 30–31; 1 September; 9 nights in 2015: 8–9 June; 19–20 June; 14–15 August; 4–6 September; nine nights in 2016: August 1, 21–23, 31; September–4. The entries in **red** represent species added to the list from the collections in 2015. **Blue entries** represent name changes. List last revised: 23 March, 2016. List prepared by Dr. Clifford D. Ferris, Professor Emeritus, University of Wyoming.

MICROLEPIDOPTERA

Various unidentified micro-moths in the superfamily Gelechioidea (**with 2016 additions**).

Family Incurvariidae

Tegeticula corruptrix Pellmyr [This is the “impostor” species – the non-pollinator]

Tegeticula elatella Pellmyr [By inference from pods on the *Yucca elata* plants – this is the pollinator; confirmed in 2015]

Family Tineidae

Acrolophus arizonellus Wlsm.

Acrolophus filicornis (Wlsm.)

Acrolophus species 1

Acrolophus species 2 –This genus has many species and is currently under revision by Davis & Jump.

Dyotopasta yumaella (Kft.)

Family Cosmopterigidae

Anoncia longa (Meyrick)

Family Gelechiidae

Aroga paulella (Bsk.)

Aroga unifasciella (Bsk.)

Family Oecophororidae

Ethmia discostrigella (Chambers)

Family Pterophoridae

Hellinsia balanotes (Mayr.)

Hellinsia species undetermined

Small unidentified genus/species **with 2016 additions**

Family Cossidae

Miacora luzena (Barnes)

Prionoxystus robiniae (Peck)

Family Tortricidae

Acroplectis haemanthis Meyr.

Catastega nebula R. L. Brown

Epiblema species - possibly undescribed

Eucosma bolanderana (Wlsm.)

Eucosma canariana Kft.

Eucosma griselda Blanchard

Eucosma pulveratana (Wlsm.)

Eucosma raganoti (Wlsm.)
Eucosma ridingsana (Rob.)
Pelochrista corosana (Wlsm.)
Pelochrista rorana (Kft.)
Phaneta offectalis (Hulst)
Phaneta migratana (Heinr.)
Sonia filiana (Bsk.)
Sonia vovana (Kft.)
Sparganothis machimiana B. & Bsk.
Suleima baracana (Kft.)

Family Zygaenidae

Pyromorpha fusca Hy. Edw.

Family Dalceridae

Dalcerides ingenitus (Hy. Edw.)

Family Limacodidae

Euclea incisa (Harv.)
Prolimacodes trigona (Hy. Edw.)

SUPERFAMILY PYRALOIDEA

Family Pyralidae

Acrobasis comptella Rag.
Aglossa cacamica (Dyar)
Alberada parabates (Dyar)
Alpheias transferens Dyar
Anderida sonorella (Rag.)
Arivaca albidella (Hulst)
Arivaca ostreella (Rag.)
Arivaca pimella (Dyar)
Arivaca poohella Shaffer
Bandera virginella Dyar
Cahela ponderosella (B. & McD.)
Cacozelia basiochrealis Grt.
Cephys arizonensis Mun.
Decatura pectinalis B. & McD.
Eoreuma callista Klots
Etiella zinckenella (Tr.)
Galleria mellonella (L.)
Homoeosoma electellum (Hulst)
Homoeosoma eremophasma Goodson & Neunzig
Homoeosoma illuviellum Rag.
Homoeosoma striatellum Dyar
Macrorrhinia aureofasciella (Rag.)
Macrotheca nigrocinerella Hulst
Melitara subumbrella (Dyar)
Meroptera anaimella A. Blanch. & E. Knudson
Mesolia species
Microtheca interalbicalis Rag.
Myelopsis minutularia (Hulst)
Olybria alicutella (Hulst)

Omphalocera occidentalis B. & Benj.

Peoria holopanarella (Dyar)

Peoria johnstoni Shaffer

Peoria opacella (Hulst)

Plodia interpunctella (Hbn.)

Pococera fuscolotella (Rag.)

Pococera tiltella (Dyar)

Pococera species

Prionapterix species

Pyrallis cacamica Dyar

Rhagia packardella (Rag.)

Rostrolaetilia nigromacullela (Hulst)

Rumatha polingella (Dyar)

Sarata incanella (Hulst)

Sciota bifasciella (Hulst)

Sciota inconditella (Rag.)

Sciota rubrisparsella (Rag.)

Sosipatra rileyella (Rag.)

Toripalpus trabalis (Grt.)

Uscodys atalis Dyar

Family Crambidae

Achyra bifidalis (F.)

Achyra occidentalis (Pack.)

Achyra rantalis (Gn.)

Agriphila plumbifimbrella (Dyar)

Anania labeculalis (Hulst)

Crambus angustexon Bleszynski

Cylindrifrons succandidalis Hulst

Desmia funeralis (Hbn.)

Diastictis fracturalis (Zell.)

Diastictis sperryorum Mun.

Donacaula species

Eoreuma multipunctella (Kft.)

Euchromius ocellus (Haw.)

Eufernaldia cadarella (Druce)

Evergestis lunulalis B. & McD.

Evergestis obliqualis (Grt.)

Evergestis rimosalis (Gn.) [Probably a New Mexico record; known from Colorado & Texas]

Fissicrambus fissiradiellus (Wik.)

Hahncappsia pergilvalis (Hulst)

Hellula aqualis B. & McD.

Hellula rogatalis (Hulst)

Helvibotys pseudohelvialis (Capps)

Jativa castanealis (Hulst)

Lineodes integra (Zell.)

Loxocrambus hospition (Bleszynski)

Loxostege albiceralis (Grt.)

Loxostege allectalis (Grt.)

Loxostege egregialis Mun.

Loxostege sticticalis (L.)

Loxostegopsis curialis B. & McD.

Lygropa octonalis (Zell.)

Microcrambus copelandi Klots

Microtheoris ophionalis eremica Mun.
Mimoschinia rufufascialis decorata (Druce)
Neodactria ?murella (Dyar)
Neohelviotys neohelvialis (Capps)
Noctueliopsis brunnealis Mun.
Mojavia achemonalis (B. & McD.)
Nomophila nearctica Mun.
Palpita gracialis (Hulst)
Petrophila (Paragyraetis) avernalis (Grt.)
Petrophila (Paragyraetis) jaliscalis (Schaus)
Psara obscuralis (Led.)
Psuedoschinia elautalis (Grt.)
Pyrausta klotsi Mun.
Pyrausta signatalis (Wik.)
Pyrausta tyralis (Gn.)
Pyrausta volupialis Grt.)
Thamatopsis repanda (Grt.)
Uresiphita reversalis (Grt.)
Xanthostege plana (Grt.)

MACROLEPIDOPTERA

Family Geometridae

Anavitrinella pampinaria (Gn.)
Anacamptodes obliquaria (Grt.)
Antepione imitata (Hy. Edw.)
Antepione ochreata (Hulst)
Chesiadodes bicolor Rindge
Cheteoscelis pectinaria (Grossb.)
Chloraspilates bicoloraria Pack.
Chlorochlamys appellaria Pears.
Chlorochlamys triangularis Prout
Cyclophora dataria (Hulst)
Cyclophora nanaria (Wik.)
Dichorda rectaria rectaria (Grt.)
Digrammia atrofasciata (Pack.)
Digrammia colorata (Grt.)
Digrammia curvata (Grt.)
Digrammia decorata (Grossb.)
Digrammia excurvata (Pack.)
Digrammia irrorata (Pack.)
Digrammia minuta (Hulst)
Digrammia nubiculata (Pack.)
Digrammia pectipennata (Hulst)
Digrammia pervolata (Hulst)
Digrammia yavapai (Grossb.)
Drepanulatrix unicalcaria (Gn.)
Euacidalia albescens (Cass.)
Euacidalia quakerata Cass.
Eulithis luteolata (Hulst)
Euaspilates spinataria Pack.
Eubaphe unicolor Robinson
Eucaterva variaria Grt.
Eulithis luteolata (Hulst)

Eupithecia huachuca Grossb.
Eupithecia neomexicana McD.
Eupithecia sonora Ferris & Opler
Eusarca argillaria (Hulst)
Eusarca venosaria (McD.)
Fernaldella fimetaria (G. & R.)
Glaucina dispersa Rindge
Glaucina eupitheciaria (Grt.)
Glaucina interruptaria (Grt.)
Glena grisearia (Grt.)
Glena macdunnougharia Sperry
Glena quinquelinearia (Hulst)
Hemimorina dissociata McD.
Holochroa dissociaria (Hilst)
Hydriomena chiricahuata Swett
Idaea celtima (Schaus)
Idaea demissaria (Hulst)
Idaea eremiata (Hulst)
Idaea nibseata (Cass.)
Idaea near *micropterata* (Hulst), or possibly undescribed
Isturgia dislocaria (Pack.)
Letispe metanemaria (Hulst)
Lobocleta lanceolata (Hulst)
Lobocleta peralbata (Pack.)
Lobocleta plemyraria (Gn.)
Macaria aemulataria Wlk.
Nemoria caerulescens Prout
Nemoria festaria (Hulst)
Nemoria zelotes Fgn.
Nepterotaea memoriata (Pears.)
Neoterpes ephelidaria (Hulst)
Perizoma custodiata (Hulst)
Pero flavisaria (Grossb.)
Pero modesta (Grossb.)
Phaeoura cristifera Hulst
Pigia multilineata (Hulst)
Prionomelia spodea (Hulst)
Prochoerodes forficaria (Gn.)
Prorella albida (C. & S.)
Prorella artestata (Grossb.)
Prorella desperaria (Hulst)
Prorella tremorata McD.
Pterospoda nigrescens (Hulst)
Rindgea cyda (Druce)
Rindgea s-signata (Pack.)
Scopula plantagenaria (Hulst)
Speranza deceptrix (Dyar)
Speranza denticulodes (Hulst)
Speranza pallipennata (B. & McD.)
Stamnodes deceptiva B. & McD.
Stenoporpia anastomosaria (Grossb.)
Sycia morsicaria (Hulst)
Synchlora aerata albolineata (Pack.)
Synchlora frondaria avidaria (Hulst)

Tracheops bolteri Hulst

Xerochlora masonaria (Schaus)

Xerochlora viridipallens (Hulst)

Unknown species for North America (either undescribed or Mexican)

Family Apatelodidae

Olceclostera seraphica (Dyar)

Family Lasiocampidae

Apotolype brevicrista (Dyar)

Gloveria arizonensis Pack.

Tolype glenwoodii Barnes

Family Saturniidae

Antheraea oculatea (Neum.)

Automeris cecrops pamina (Neum.)

Hyalophora columbia gloveri (Stkr.)

Sphingicampa hubbardi (Dyar)

Family Sphingidae

Eumorpha achemon (Drury)

Eumorpha typhon (Klug)

Hyles lineata (F.)

Manduca quinquemaculata (Haw.)

Manduca rustica (F.)

Manduca sexta (L.)

Pachysphinx occidentalis (Hy. Edw.)

Sagenosoma elsa (Stkr.)

Smerinthus saliceti Bdv.

Sphinx dollii Neum.

Sphinx separata Neum.

SUPERFAMILY NOCTUOIDEA

Family Notodontidae

Afilia walshi Miller

Clostera inornata (Neum.)

Datana neomexicana Doll

Datana perspicua mesillae (Ckll.)

Furcula scolopendrina (Bdv.)

Gluphisia septentrionis Wlk.

Heterocampa averna B. & McD.

Heterocamps incongrua B. & Benj.

Heterocampa lunata Hy. Edw.

Heterocampa ruficornis Dyar

Hyparpax aurostriata Graef

Ianassa lignicolor (Wlk.)

Ianassa paradisius (Benj.)

Ianassa perangulata (Hy. Edw.)

Ianassa pinalensis Benj.

Macrurocampa dorothea Dyar

Oligocentria coloradensis (Hy. Edw.)

Oligocentria delicata (Dyar)

Oligocentria lignicolor (Wlk.)
Praeschausia zapata Schaus
Schizura biedermanni B. & McD.
Symmerista sauvis (Barnes)

Family Erebidae

Subfamily Arctiinae

Cisthene barnesii (Dyar)
Cisthene tenuifascia Harv.
Ctenucha venosa Wlk.
Dysschema howardi (Hy. Edw.)
Ectypia mexicana (Dognin)
Euchaetes antica (Wlk.)
Grammia incorrupta (Hy. Edw.)
Halysidota davisii Hy. Edw.
Hypoprepia inculta (Edw.)
Pygarctia murina (Stretch)
Pygarctia roseicapitis (N. & D.)

Subfamily Herminiinae

Bleptina caradrinalis Gn.
Idia americalis (Gn.)
Idia aemula Hb.
Idia immaculalis (Hulst)
Idia lubricalis occidentalis (Sm.)
Idia parvulalis (B. & McD.)
Renia hutsoni Sm.
Renia rigida Sm.
Tetanola palligera Sm.

Subfamily Scolecocampinae

Gabara obscura (Grt.)

Subfamily Rivulinae

Colobochyla interpuncta (Grt.)
Oxycilla tripla Grt.

Subfamily Boletobiinae

Metalectra quadrisignata (Wlk.)

Subfamily Eublemminae

Eublemma minima (Gn.)

Subfamily Phytometrinae

Hemeroplanis historialis (Grt.)
Hemeroplanis incusalis (Grt.)
Hemeroplanis parallelia (Sm.)
Isogona punctipennis Grt.)
Isogona segura Barnes
Phytometra apicata B. & McD.
Phytometra obliqualis (Dyar)

Subfamily Erebinae

Amolita delicata B. & Benj.

Ascalapha odorata (B. & McD.) "Black Witch"

Bulia deducta (Morr.)

Caenurgina crassiuscula (Hew.)

Caenurgina erechtea (Cramer)

Callistege diagonalis (Dyar)

Callistege intercalaris (Grt.)

Callistege triangula (B. & McD.)

Catocala benjamini Brower

Catocala chelidonia Grote

Catocala desdemona Hy. Edw.

Catocala ilia (Cramer)

Catocala jessica Hy. Edw.

Catocala neogama euphemia Beut.

Catocala piatrix dionyza Hy. Edw.

Catocala verilliana Grt.

Colobochyla interpuncta Grt.

Drasteria inepta (Hy. Edw.)

Drasteria mirifica (Hy. Edw.)

Drasteria pallescens (G. & R.)

Drasteria tejonica (Behr)

Heteranassa mima (Harvey)

Matigramma inopinata (Wlk.)

Matigramma rubrosuffusa Grt.

Melipotis fasciolaris (Hbn.)

Melipotis indomita (Wlk.)

Melipotis jucunda Hbn.

Melipotis novanda (Grt.)

Mocis latipes (Gn.)

Ptichodis bucetum (Grt.)

Tathorhynchus exsiccata (Led.)

Toxonprucha repentis (Grt.)

Toxonprucha strigalis (Sm.)

Toxonprucha volucris (Grt.)

Zale colorado (Sm.)

Zale edusina (Harv.)

Zale insuda (Sm.)

Zale rubi (Hy. Edw.)

Zale rubiata (Sm.)

Zale termina (Grt.)

Subfamily Eulepidotinae

Panopoda rigida (Sm.)

Subfamily Euteliidae

Marathyssa basalis Wlk.

Marathyssa inficita (Wlk.)

Paectes abrostolella (Wlk.)

Family Nolidae

Meganola varia (B. & L.)

Nycteola cinereana N. & D.

Family Noctuidae (Not broken into subfamilies)*Abagrotis alempeta* Franc.*Abagrotis orbis* (Grt.)*Acronicta astrigata* (Sm)*Acontia chea* Druce)*Acontia cretata* (G. & R.)*Agrotis ipsilon* (Hufn.)*Agrotis malefida* Gn.*Agrotis striata* Laf.*Agrotis vetusta* (Wlk.)*Amphipyra pyramidooides* (Gn.)*Anarta mutata* (Dod)*Anarta trifolii* (Hufn.)*Anhimella contrahens* (Wlk.)*Anhimella pacifica* McD.*Anicla biformata* Laf.*Autographa bimaculata* (Steph.)*Azenia edentata* (Grt.)*Azenia implora* Grt.*Bagisara buxea* (Grt.)*Basilodes chrysopsis* (Hew.)*Bryolymnia semifascia* (Sm.)*Catabena vitrina* (Wlk.)*Chalcopasta fulgens* B. & McD.*Chalcopasta howardi* (Hy. Edw.)*Chalcopasta territans* (Hy. Edw.)*Chamaeclea basiochrea* B. & McD.*Chamaeclea pernana* Grt.*Chytonix divesta* (Grt.)*Condica albolabes* Grt.)*Condica begallo* (Barnes)*Condica egestis* (Sm.)*Condica leuconena* (Sm.)*Condica revellata* (B. & Benj.)*Condica temecula* Barnes*Copanarta aurea* (Grt.)*Crambodes talidiformis* (Gn.)*Cucullia charon* Poole*Cucullia styx* Poole*Dargida tetera* (Sm.)*Dichagyris capota* (Sm.)*Dichagyris (Loxagrotis) cataclivis* (Dyar)*Dichagyris (Loxagrotis) grotei* (Francl. & Todd)*Dichagyris longidens* (Sm.)*Dichagyris polycala* Laf. – a New Mexico record*Dichagyris (Loxagrotis) socorro* (Barnes)*Dypterygia patina* (Harv.)*Emarginia percara* (Morr.)*Erythroecia rhodophora* Hamp.*Euagrotis mus* Laf.*Eulithosia composita* Hy. Edw.*Eumicremma mibima* (Gn.)*Euscirrhopterus gloveri* G. & R.

Euxoa auxiliaris (Grt.) [The obnoxious and ubiquitous “Miller Moth”]
Euxoa misturata (Sm.)
Euxoa mitis (Sm.)
Euxoa pimensis B. & McD.
Feltia subterranea (F.)
Fotella notalis Grt.
Gerrodes minatea Dyar
Grotella binda Barnes
Grotella blanca Barnes
Grotella bis Grote
Grotella grisecens (B. & McD.)
Grotella parvipuncta B. & McD.
Grotella sampita Barnes
Grotella septempunctata Harv.
Helicoverpa zea (Boddie)
Heliocheilus julia (Grt.)
Heliocheilus toralis (Grt.)
Heliothis paradoxus (Grt.)
Heliothis phloxiphagus G. & R.
Hemieuxoa rudens (Harv.)
Homorthodes noverca (Grt.)
Hexorthodes accurata (Hy. Edw.)
Hydroeciodes repleta (Bird)
Lacanobia prodeniformis (Sm.)
Lacinipolia incurva (Sm.)
Lacinipolia martini Selman & Leuschner
Lacinipolia rodora (Dyar)
Lacinipolia spiculosa (Grt.)
Lacinipolia vicina (Grt.)
Lesmone griseipennis (Grt.)
Leucania anteoclara Sm.
Leucania imperfecta Sm.
Leucania multilinea Wlk.
Leucania stolata Sm.
Leucania n. species
Lineostriastiria hachita (Barnes)
Lineostriastiria sexseriata (Grt.)
Lithacodia species
Lythrodes tripuncta B. & McD.
Lythrodes radiatus Sm.
Magusa divaricata (Grt.)
Mamestra configurata Wlk.
Marathyssa inficita (Wlk.)
Marimatha quadrata Ferris & Laf. – a New Mexico record
Mesoligia arbora (B. & McD.)
Metaponopenumata rogenhoferi Möscher
Micrathetis costiplaga (Sm.)
Micrathetis triplex (Wlk.)
Mythimna unipuncta (Haw.)
Neleucania bicolorata (Grt.)
Neumoegenia poetica Grt.
Nocloa aliaga (Barnes)
Nocloa nanata (Neum.)

Nocloa plagiata Sm.*Noctua pronuba* (L.)*Nudorthodes molino* Lafontaine, Walsh & Ferris*Orthodes crenulata* (Butler)*Oslaria viridifera* (Grt.)*Oxycnemis acuna* Barnes*Oxycnemis gracillima* (Grt.)*Orzarba fannia* (Druce)*Orzarba propera* Grt.)*Paectes "abrostolella"* (Wlk.)*Properigea costa* (B. & Benj.)*Paramiana perissa* Nye*Paramiana smaragdina* (Neum.)*Peridroma saucia* (Hbn.)*Phenicophanta bicolor* B. & McD.*Plagiomimicus aureolum* (Hy. Edw.)*Plagiomimicus mimica* Poole*Plagiomimicus ochoa* Barnes*Ponometia altera* (Sm.)*Ponometia arizonae* (Hy. Edw.)*Ponometia binocula* (Grt.)*Ponometia clausula* (Grt.)*Ponometia cuta* (Sm.)*Ponometia erastrionides* (Gn.)*Ponometia libedis* (Sm.)*Ponometia nannodes* (Hamp.)*Ponometia phecolisca* (Druce)*Ponometia "venustula"* (Wlk.) [Currently there are 2 species represented by the same name]*Properigea continens* (Hy. Edw.)*Properigea costa* (B. & Benj.)*Properigea loculosa* (Grt.)*Properigea seitzii* (B. & Benj.)*Prothrinax luteomedia* (Sm.)*Protoperigea posticata* (Harv.)*Protorthodes alfkeni* (Grt.)*Protorthodes incincta* (Morr.)*Protorthodes perforata* (Grt.)*Proxenus mindara* B. & McD.*Proxenus miranda* (Grt.)*Pseudacontia* species (possibly undescribed)*Pseudanarta crocea* (Hy. Edw.)*Pseudanarta pulverulenta* (Sm.)*Pseudanarta singula* Grt.*Pseudopanthea palata* (Grt.)*Pseudoplusia includens* (Wlk.)*Raphia pallula* Hy. Edw.*Redingtonia alba* B. & McD.*Rhizagrotis cloanthoides* (Grt.)*Richia chortalis* (Harv.)*Richia parentilis* (Grt.)*Ruacodes telea* (Sm.)*Schinia albafascia* Sm.*Schinia alencis* (Harvey)*Schinia arcigera* (Gn.)

Schinia citrinella (G. & R.)
Schinia errans Sm.
Schinia ferrisi Pogue & Harp
Schinia gaurae (J. E. Smith)
Schinia grandimedia Hdwk.
Schinia hulstia Tepper
Schinia luxa (Grt.)
Schinia miniana (Grt.)
Schinia obliqua Sm.
Schinia oculata Sm.
Schinia oleagina Morr.
Schinia regia (Stkr.)
Schinia reniformis Sm.
Schinia saturata (Grt.)
Schinia unimacula (Sm.)
Schinia walsinghami (Hy. Edw.)
Scotogramma densa Sm.
Scotogramma harnardi B. & Benj.
Scotogramma orida (Sm.)
Spaelotis clandestina (Harr.)
Sparkia immaculata (Grt.)
Spodoptera exigua (Hbn.)
Spodoptera frugiperda (J. E. Sm.)
Spodoptera hipparis (Druce)
Spodoptera ornithogalli (Gn.)
Spragueia funeralis Grt.
Striacosta albicosta (Sm.)
Stiria satana Poole
Stiria sulphuria Neum.
Sympistis punctilinea (Hamp.)
Sympistis riparia (Morr.)
Sympistis sorapis Troub.
Sympistis species (probably undescribed)
Sympistis undescribed species
Tarache areli (Stkr.)
Tarache axendra (Schaus)
Tarache bella B. & Benj.
Tarache bilemeki (F. & R.)
Tarache expolita (Grt.)
Tarache huachuca (Sm.)
Tarache lanceolata (Grt.)
Tarache lucasi Sm.
Tarache major Sm.
Tarache quadriplaga Sm.
Tarache sedata H. Edw.
Tarache toddi Ferris & Laf.
Trichocosmia inornata Grt.
Tricholita chipeta Barnes
Trichoplusia ni (Hbn.)
Trichopolia dentatella Grt.
Trichordestra prodeniformis (Sm.)
Tridepia nova (Sm.)
Tripudia luxuriosa Sm.

Ulolonche consopita (Grt.)
Ulolonche dilecta (Hy. Edw.)
Ulolonche disticha (Morr.)
Ulolonche orbiculata (Sm.)
Xestia c-nigrum (L.)