

# Moths of the James Ramsay Hunt Sanctuary

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## Section I. Background

### *Methods*

2003 marked the first full year of moth surveys at the James Ramsay Hunt Sanctuary. Moths were recorded from 23 March through 2 November. Surveying in 2002 ranged from 24 May through 11 November. Even with the earlier start in 2003, it wasn't until 1 May that surveying was done under ideal conditions and consequently productive. A representative sample was recorded earlier. Coverage in October 2003 was limited to one night – still better than 2002 when cooler than normal weather prevented any surveying. Surveying in 2004 began 17 April and continued through 31 October. The first night of coverage in 2005 was 19 April and the last 5 November, although no nights were surveyed in October. Warmer weather earlier in the spring and in the fall have, unfortunately, been scarce.

Several methods have been used to survey moths at the James Ramsay Hunt Sanctuary. The primary method is the use of black lights to attract moths. On most nights, black lights were mounted on both the Bylane Farm cottage and the Main House. The second method is the baiting of trees. The bait used consisted of usually overripe bananas dipped in beer. It was applied to several trees in proximity to the cottage each night. A third method of moth sampling was the checking of flowers. Favored flowers for nectar here are ornamental Butterfly Bushes adjacent to the cottage, in bloom from mid July through mid August, and a few Common Milkweed plants at the edge of a field near the cottage, in bloom for a short period in late June and early July. Moths were looked for during the daytime on several occasions, with an eye toward species that may not respond to the above methods or do not occur in proximity to the main sampling areas. At least a couple of species were only recorded as a result of daytime efforts. All species recorded so far have been documented by photographs, with the exception of the day flying and easily recognizable White-banded Black.

A variety of habitats contribute to the moth fauna of the Sanctuary. Habitats in the Bylane Farm unit include deciduous woodland and previously disturbed fields. The habitats closest to the Main House are open fields, two ponds, and a small sedge marsh.

Data collected during the surveying were stored in a database. Identifiable species were put in a sightings table, with date and number observed. Another table was kept of photographed individuals.

## ***Species Compilation***

The species list was generated from my database of pictures. As such, all species listed here are supported by photographic records. The order used here is based on the “Check List of the Lepidoptera of America North of Mexico” by R. W. Hodges, T. Dominick, D. R. Davis, D. C. Ferguson, J. G. Franclemont, E. G. Monroe, and J. A. Powell, *eds.* published by E. Q. Classey Ltd. and The Wedge Entomological Research Foundation (London) (1983). The numbers preceding each species are the so called

## Section II. Species List

### *Tiniedae*

418.99 Monopis sp. [Monopis sp.]

### *Oecophoridae*

951 Machimia tentoriferella Gold-striped Leaftier Moth  
957 Psilocorsis relexella [Psilocorsis relexella]  
1014 Antaeotricha leucillana [Antaeotricha leucillana]

### *Gelechidae*

2289 Dichomeris ochripalpella? [Dichomeris ochripalpella?]  
2295 Dichomeris flavocostella Dichomeris flavocostella

### *Yponomeutidae*

2401 Atteva punctella Ailanthus Webworm Moth

### *Sessidae*

2554 Synanthedon acerni Maple Callus Borer Moth

### *Choreutidae*

2629 Prochoreutis inflatella Skullcap Skeletonizer Moth

### *Tortricidae*

3494 Melissopus latiferreanus Filbertworm Moth  
3495 Ecdytolopa punctidiscana [Ecdytolopa punctidiscana]  
3503 Acleris semipurpurana Oak Leaftier Moth  
3536 Acleris robinsoniana "Robinson's Acleris"  
3539 Acleris chalybeana "Lesser Maple Leafroller"  
3542 Acleris flavivittana "Masked Leafroller"  
3567 Cnephasia stephensiana [Cnephasia stephensiana]  
3594 Pandemis limitata Three-lined Leafroller  
3597 Argyrotaenia velutinana Red-banded Leafroller Moth  
3623 Argyrotaenia quercifolia [Argyrotaenia quercifolia]  
3624 Argyrotaenia alisellana [Argyrotaenia alisellana]  
3658 Archips pupurana [Archips pupurana]  
3660 Archips grisea [Archips grisea]  
3672 Syndemis afflictana [Syndemis afflictana]  
3684 Clepsia clemensiana [Clepsia clemensiana]  
3686 Clepsia melaleucana "Black-patched Clepsia"  
3689 Clepsia virescana [Clepsia virescana]  
3706 Sparganothis xanthoides [Sparganothis xanthoides]

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3711	Sparganothis unifasciana	[Sparganothis unifasciana]
3720	Sparganothis reticulatana	[Sparganothis reticulatana]
3725	Sparganothis pettitana	[Sparganothis pettitana]
3732	Platynota flavedana	Variiegated Leafroller
3740	Platynota idaeusalis	Tufted Apple Budworm
3747	Coleostathma discopunctana	[Coleostathma discopunctana]

### ***Limacodidae (Slug Caterpillar Moths)***

4652	Tortricidia testacea	[Tortricidia testacea]
4654	Tortricidia flexuosa	[Tortricidia flexuosa]
4665	Lithacodes fasciola	[Lithacodes fasciola]
4671	Prolimacodes badia	Skiff Moth

### ***Pyralidae / Crambidae***

4716	Scoparia biplagialis	[Scoparia biplagialis]
4738	Eudonia strigalis	[Eudonia strigalis]
4748	Munroessa icciusalis	[Munroessa icciusalis]
4751	Munroessa gyralis	[Munroessa gyralis]
4755	Synclita oblitalis	Waterlilly Leafcutter
4759	Parapoynx maculalis	[Parapoynx maculalis]
4761	Parapoynx badiusalis	[Parapoynx badiusalis]
4794	Eustixia pupula	[Eustixia pupula]
4846	Hellula rogatalis	Cabbage Webworm
4870	Glaphyria sequistrialis	[Glaphyria sequistrialis]
4873	Glaphyria fulminalis	[Glaphyria fulminalis]
4889	Dicymolomia julianalis	[Dicymolomia julianalis]
4895	Chalcoela iphitalis	[Chalcoela iphitalis]
4897	Evergestis pallidata	Purple-backed Cabbageworm
4937	Nascia acutella	[Nascia acutella]
4937.1	Sclerocona acutella	[Sclerocona acutella]
4945	Crocidophora tubercularis	[Crocidophora tubercularis]
4951	Peripasta caecularis	[Peripasta caecularis]
4953	Phlyctaenia coronata	[Phlyctaenia coronata]
5034	Pyrausta signatalis	[Pyrausta signatalis]
5040	Pyrausta bicoloralis	[Pyrausta bicoloralis]
5051	Pyrausta rubricalis	[Pyrausta rubricalis]
5071	Pyrausta acronalis	[Pyrausta acronalis]
5079	Udea rubigalis	Celery Leaftier Moth
5142	Diacme elealis	[Diacme elealis]
5156	Nomophila nearctica	Celery Webworm Moth
5159	Desmia funeralis	Grape Leaffolder Moth
5169	Hymenia perspectalis	Spotted Beet Webworm Moth
5170	Spoladea recurvalis	Hawaiin Beet Webworm Moth
5175	Diathrausta harlequinialis	Harlequin Webworm Moth
5182	Blepharomastix ranalis	[Blepharomastix ranalis]
5226	Palpita magniferalis	[Palpita magniferalis]
5241	Pantographa limata	Basswood Leafroller Moth
5253	Diastictis argyralis	White-spotted Orange
5284	Syngamia florella	[Syngamea florella]
5355	Crambus praefectellus	[Crambus praefectellus]
5357	Crambus leachellus	[Crambus leachellus]
5362	Crambus agitatellus	[Crambus agitatellus]

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5378	<i>Crambus laqueatellus</i>	[ <i>Crambus laqueatellus</i> ]
5391	<i>Chrysoteuchia topiaria</i>	Cranberry Girdler
5399	<i>Agriphila ruricolella</i>	Lesser Vagabond Crambus
5403	<i>Agriphila vulgivagella</i>	Vagabond Crambus
5420	<i>Microcrambus elegans</i>	[ <i>Microcrambus elegans</i> ]
5435	<i>Fissicrambus mutabilis</i>	[ <i>Fissicrambus mutabilis</i> ]
5464	<i>Urola nivalis</i>	[ <i>Urola nivalis</i> ]
5465	<i>Vaxi critica / auratella</i>	[ <i>Vaxi auratella</i> ]
5489	<i>Haimbachia placidella</i>	[ <i>Haimbachia placidella</i> ]
5510	<i>Pyralis farinalis</i>	Meal Moth
5512	<i>Pyralis disciferalis</i>	[ <i>Pyralis disciferalis</i> ]
5517	<i>Aglossa caprealis</i>	[ <i>Aglossa caprealis</i> ]
5524	<i>Hypsopygia costalis</i>	Clover Hayworm Moth
5552	<i>Galasa nigrinodis</i>	[ <i>Galasa nigrinodis</i> ]
5566	<i>Arta statalis</i>	[ <i>Arta statalis</i> ]
5571	<i>Condyclomia participalis</i>	[ <i>Condyclomia participalis</i> ]
5577	<i>Epipaschia superatalis</i>	[ <i>Epipaschia superatalis</i> ]
5579	<i>Epipaschia zelleri</i>	[ <i>Epipaschia zelleri</i> ]
5588	<i>Oneida lunulalis</i>	[ <i>Oneida lunulalis</i> ]
5608	<i>Tetralopha expandens</i>	Striped Oak Webworm
5629	<i>Aphomia sociella</i>	Bee Moth
5669	<i>Acrobasis stigmella</i>	[nr. <i>Acrobasis stigmella</i> ]
5674	<i>Acrobasis demotella</i>	Walnut Shoot Moth
5796	<i>Sciota subcaesiella</i>	[ <i>Sciota subcaesiella</i> ]
5999	<i>Crocidophora tuberculalis</i>	[ <i>Crocidophora tuberculalis</i> ]
6053	<i>Peoria approximella</i>	[ <i>Peoria approximella</i> ]

### ***Pterophoridae***

6234	<i>Emmelina monodactyla</i>	[ <i>Emmelina monodactyla</i> ]
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### ***Thyatiridae***

6240	<i>Euthyatira pudens</i>	Dogwood Thyatirid
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### ***Drepanidae (Hooktips)***

6251	<i>Drepana arcuata</i>	Arched Hooktip
6255	<i>Oreta rosea</i>	Rose Hooktip

### ***Geometridae (Inchworm Moths)***

#### ***Oenochrominae***

None recorded

#### ***Ennominae***

6261	<i>Heliomata cycladata</i>	Common Spring Moth
6273	<i>Itame pustularia</i>	Lesser Maple Spanworm Moth
6326	<i>Semiothisa aemulataria</i>	Common Angle

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6340	<i>Semiothisa minorata</i>	Minor Angle
6342	<i>Semiothisa bisignata</i>	Red-headed Inchworm Moth
6386	<i>Semiothisa ocellinata</i>	Faint-spotted Angle
6405	<i>Semiothisa gnophosaria</i>	Hollow-spotted Angle
6430	<i>Orthofidonia flavivenata</i>	Yellow-veined Geometer
6570	<i>Aethalura intertexta</i>	Four-barred Gray
6588	<i>Iridopsis larvaria</i>	Bent-line Gray
6590	<i>Anavitrinella pampinaria</i>	Common Gray
6594	<i>Cleora sublunaria</i>	Double-lined Gray
6597	<i>Ectropis crepuscularia</i>	The Small Engrailed
6598	<i>Protoboarmia porcelaria</i>	Porcelain Gray
6599	<i>Epimecis hortaria</i>	Tulip-tree Beauty
6620	<i>Melanolophia canadaria crama</i>	Canadian Melanolophia
6621	<i>Melanolophia signataria</i>	Signate Melanolophia
6640	<i>Biston betularia cognataria</i>	Pepper-and-salt Geometer
6651	<i>Lycia ursaria</i>	Stout Spanworm Moth
6654	<i>Hypagyrtis unipunctata</i>	One-spotted Variant
6658	<i>Phigalia titea</i>	The Half-wing
6660	<i>Phigalia strigataria</i>	Small Phigalia
6662	<i>Paleacrita vernata</i>	Spring Cankerworm Moth
6663	<i>Paleacrita merriccata</i>	White-spotted Cankerworm
6667	<i>Lomographa vestaliata</i>	White Spring Moth
6668	<i>Lomographa glomeraria</i>	Gray Spring Moth
6677	<i>Cabera erythemaria</i>	Yellow-dusted Cream Moth
6720	<i>Lytrosis unitaria</i>	Common Lytrosis
6724	<i>Euchlaena serrata</i>	The Saw-wing
6740	<i>Xanthotype urticaria</i>	False Crocus Geometer
6753	<i>Pero honestaria</i>	Honest Pero
6763	<i>Nacophora quernaria</i>	Oak Beauty
6796	<i>Campaea perlata</i>	Pale Beauty
6797	<i>Ennomos magnaria</i>	Maple Spanworm Moth
6798	<i>Ennomos subsignaria</i>	Elm Maple Spanworm Moth
6803	<i>Petrophora divisata</i>	Common Petrophora
6812	<i>Homochlodes fritillaria</i>	Pale Homochlodes
6819	<i>Metanema inatomaria</i>	Pale Metanema
6825	<i>Metarranthis indeclinata</i>	Pale Metarranthis
6826	<i>Metarranthis hypochraria</i>	Common Metarranthis
6836	<i>Anagoga occiduaria</i>	American Barred Umber
6837	<i>Probole alienaria</i>	Alien Probole
6838	<i>Probole amicarua</i>	Friendly Probole
6840	<i>Plagodis serinaria</i>	Lemon Plagodis
6841	<i>Plagodis kuetzingi</i>	Purple Plagodis
6842	<i>Plagodis phlogosaria</i>	Straight-lined Plagodis
6843	<i>Plagodis fervidaria</i>	Fervid Plagodis
6844	<i>Plagodis alcoolaria</i>	Hollow-spotted Plagodis
6884	<i>Besma endropiaria</i>	Straw Besma
6885	<i>Besma quercivoraria</i>	Oak Besma
6941	<i>Eusarca confusaria</i>	Confused Eusarca
6963	<i>Tetracis crocallata</i>	Yellow Slant-line
6964	<i>Tetracis cachexiata</i>	White Slant-line
6966	<i>Eutrapela clemataria</i>	Curve-toothed Geometer
6974	<i>Patalene olyzonaria</i>	Juniper Geometer
6982	<i>Prochoerodes transversata</i>	Large Maple Spanworm Moth
6987	<i>Antepione thisoaria</i>	Variable Antepione
7009	<i>Nematocampa limbata</i>	Horned Spanworm Moth

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### ***Geometrinae***

7046	<i>Nemoria bistrifaria</i>	Red-fringed Emerald
7048	<i>Nemoria mimosaria</i>	White-fringed Emerald
7058	<i>Synchlora aerata</i>	Wavy-lined Emerald
7071	<i>Chlorochlamys chloroleucaria</i>	Blackberry Looper Moth

### ***Sterrhinae***

7126	<i>Idaea dimidiata</i>	Single-dotted Wave
7132	<i>Pleuroprucha insulsaria</i>	Common Tan Wave
7136	<i>Cyclophora packardii</i>	Packard's Wave
7139	<i>Cyclophora pendulinaria</i>	Sweetfern Geometer
7146	<i>Haematopis grataria</i>	Chickweed Geometer
7157	<i>Scopula cacuminaria</i>	Frosted Tan Wave
7159	<i>Scopula limboundata</i>	Large Lace-border
7169	<i>Scopula inductata</i>	Soft-lined Wave

### ***Larentinae***

7196	<i>Eulithis diversilineata</i>	Lesser Grapevine Looper Moth
7290	<i>Coryphista meadii</i>	Barberry Geometer
7292	<i>Hydria prunivora</i>	Ferguson's Scallop Shell
7330	<i>Anticlea multiferata</i>	Many-lined Carpet
7388	<i>Xanthorhoe ferrugata</i>	Red Twin-spot
7394	<i>Epirrhoe alternate</i>	White-banded Toothed Carpet
7399	<i>Euphyia unangulata</i>	Sharp-Angled Carpet
7414	<i>Orthonama obstipata</i>	The Gem
7415	<i>Orthonama centrostrigaria</i>	Bent-line Carpet
7428	<i>Venusia comptaria</i>	Brown-shaded Carpet
7430	<i>Trichodizia albovittata</i>	White-striped Black
7445	<i>Horisme intestinata</i>	Brown Bark Carpet
7474	<i>Eupithecia miserulata</i>	Common Eupithecia
7488	<i>Eupithecia tripunctaria</i>	White-spotted Pug
7625	<i>Chloroclystis rectangulata</i>	Green Pug
7640	<i>Lobophora nivigerata</i>	Powdered Bigwing
7647	<i>Heterophleps triguttaria</i>	Three-spotted Fillip

### ***Epiplimididae***

7653	<i>Calledapteryx dryopterata</i>	Brown Scoopwing
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### ***Apatelodidae***

7665	<i>Olceclostera angelica</i>	The Angel
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### ***Lasiocampidae (Lappet Moths)***

7670	<i>Tolyte vellea</i>	Large Tolyte
7687	<i>Phlodesma americana</i>	Lappet Moth
7698	<i>Malacosoma disstria</i>	Forest Tent Caterpillar
7701	<i>Malacosoma americanum</i>	Eastern Tent Caterpillar

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## ***Saturnidae (Silkworm Moths and Allies)***

7758 *Actias luna* Luna Moth

## ***Sphingiidae (Sphinx Moths)***

7787 *Ceratomia undulosa* Waved Sphinx  
7824 *Paonias excaecatus* Blinded Sphinx  
7825 *Paonias myops* Small-eyed Sphinx  
7827 *Lathoe juglandis* Walnut Sphinx  
7853 *Hemaris thysbe* Hummingbird Clearwing  
7855 *Hemaris diffinis* Snowberry Clearwing  
7871 *Deidamia inscripta* Lettered Sphinx  
7885 *Darapsa myron* Hog Sphinx

## ***Notodontidae (Prominents)***

7901 *Clostera apicalis* [Clostera apicalis]  
7915 *Nadata gibbosa* White-dotted Prominent  
7917 *Hyperaeschra georgica* Georgian Prominent  
7919 *Peridea basitriens* Oval-based Prominent  
7920 *Peridea angulosa* Angulose Prominent  
7921 *Peridea ferruginea* Chocolate Prominent  
7929 *Nerice bidentata* Double-toothed Prominent  
7930 *Ellida caniplaga* Linden Prominent  
7931 *Gluphisia septentrionis* Common Gluphisia  
7936 *Furcula borealis* White Furcula  
7975 *Macrurocampa marthesia* Mottled Prominent  
7990 *Heterocampa umbrata* White-blotched Prominent  
7994 *Heterocampa guttivitta* Saddled Prominent  
7995 *Heterocampa biundata* Wavy-lined Heterocampa  
7998 *Lochmaeus manteo* Variable Oakleaf Caterpillar Mth  
8007 *Schizura unicornis* Unicorn Caterpillar Moth  
8011 *Schizura leptinoides* Black-blotched Schizura  
8012 *Oligocentria semirufescens* Red-washed Prominent

## ***Arctiidae (Tiger, Lichen, and Wasp Moths)***

8045.1 *Crambidia pallida* Pale Lichen Moth  
8090 *Hypoprepia fucosa* Painted Lichen Moth  
8098 *Clemensia albata* Little White Lichen Moth  
8107 *Haploa clymene* Clymene Moth  
8118 *Holomelina opella* Tawny Holomelina  
8121 *Holomelina aurantiaca* Orange Holomelina  
8129 *Pyrrharctia isabella* Isabella Tiger Moth  
8133 *Spilosoma latipennis* Pink-legged Tiger Moth  
8134 *Spilosoma congrua* Agreeable Tiger Moth  
8136 *Spilosoma dubia* Dubious Tiger Moth  
8137 *Spilosoma virginica* Virginian Tiger Moth  
8140 *Hyphantria cunea* Fall Webworm Moth  
8156 *Phragmatobia fuliginosa* Ruby Tiger Moth

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8157	<i>Phragmatobia lineata</i>	Lined Ruby Tiger Moth
8169	<i>Apantesis phalerata</i>	Harnessed Moth
8171	<i>Apantesis nais</i>	Nais Tiger Moth
8175	<i>Grammia virguncula</i>	Little Virgin Moth
8176	<i>Grammia anna</i>	Anna Tiger Moth
8197	<i>Grammia virgo</i>	Virgin Tiger Moth
8203	<i>Halysidota tessellaris</i>	Banded Tussock Moth
8229	<i>Cycnia oregonensis</i>	Oregon Cycnia
8230	<i>Cycnia tenera</i>	Orange-margined Dogbane Moth
8262	<i>Ctenucha virginica</i>	Virginia Ctenucha
8267	<i>Cissepis fulvicollis</i>	Yellow-collared Scape Moth

### ***Lymantriidae (Tussock Moths)***

8316	<i>Orgyia leucostigma</i>	White Marked Tussock Moth
8318	<i>Lymantria dispar</i>	Gypsy Moth

### ***Noctuidae – Owlet Moths***

#### ***Hermeniinae***

8322	<i>Idia americalis</i>	American Idia
8323	<i>Idia aemula</i>	Common Idia
8327	<i>Idia forbesii</i>	Forbes' Idia
8330	<i>Idia scobialis</i>	Smoky Idia
8334	<i>Idia lubricalis</i>	Glossy Black Idia
8338	<i>Phalaenophana pyramusalis</i>	Dark-banded Owlet
8340	<i>Zanclognatha lituralis</i>	Lettered Zanclognatha
8345	<i>Zanclognatha laevigata</i>	Variable Zanclognatha
8347	<i>Zanclognatha obscuripennis</i>	Dark Zanclognatha
8348	<i>Zanclognatha pedipilalis</i>	Grayish Zanclognatha
8351	<i>Zanclognatha cruralis</i>	Early Zanclognatha
8353	<i>Zanclognatha ochreipennis</i>	Wavy-lined Zanclognatha
8355	<i>Chytolita morbidalis</i>	Morbid Owlet
8357	<i>Macrochilo absorptalis</i>	Slant-lined Owlet
8358	<i>Macrochilo litophora</i>	[ <i>Macrochilo litophora</i> ]
8360	<i>Macrochila orciferalis</i>	[ <i>Macrochila orciferalis</i> ]
8362	<i>Phalaenostola metonalis</i>	Pale Epidelta
8363	<i>Phalaenostola eumelusalis</i>	[ <i>Phalaenostola eumelusalis</i> ]
8364	<i>Phalaenostola larentioides</i>	Black-banded Owlet
8368	<i>Tetanolita floridana</i>	Florida Tetanolita
8370	<i>Bleptina caradrinalis</i>	Bent-winged Owlet
8378	<i>Renia salusalis</i>	[ <i>Renia salusalis</i> ]
8379	<i>Renia factiosalis</i>	[ <i>Renia factiosalis</i> ]
8381	<i>Renia discoloralis</i>	Discolored Renia
8384.1	<i>Renia flavipunctalis</i>	[ <i>Renia flavipunctalis</i> ]
8386	<i>Renia adspergillus</i>	[ <i>Renia adspergillus</i> ]
8393	<i>Lascoria ambigualis</i>	Ambiguous Moth
8397	<i>Palthis angulalis</i>	Dark-spotted Palthis
8398	<i>Palthis asopialis</i>	Faint-spotted Palthis

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### ***Rivulinae***

8404 *Rivula propinqualis* Spotted Grass Moth

### ***Hypenodinae***

8427 *Dyspyralis puncticosta* [*Dyspyralis puncticosta*]

### ***Hypeninae***

8404 *Rivula propinqualis* Spotted Grass Moth  
8441 *Bomolocha manalis* Flowing-line Bomolocha  
8442 *Bomolocha baltimoralis* Baltimore Bomolocha  
8444 *Bomolocha palparia* Mottled Bomolocha  
8445 *Bomolocha abalienasis* White-lined Bomolocha  
8446 *Bomolocha deceptalis* Deceptive Bomolocha  
8461 *Hypena humuli* [*Hypena humuli*]  
8465 *Plathypena scabra* Green Cloverworm Moth

### ***Catocalinae***

8491 *Ledaea perditalis* Lost Owlet  
8499 *Metalectra discalis* Common Fungus Moth  
8500 *Metalectra quadrisignata* Four-spotted Fungus Moth  
8514 *Scolecocampa liburna* Dead-wood Borer Moth  
8522 *Gabara subnivosella* [*Gabara subnivosella*]  
8587 *Panopoda rufimargo* Red-lined Panopoda  
8588 *Panopoda carneicosta* Brown Panopoda  
8591 *Phoberia atomaris* Common Oak Moth  
8689 *Zale lunata* Lunate Zale  
8692 *Zale galbanata* Maple Zale  
8695 *Zale undularis* Black Zale  
8713 *Zale lunifera* Bold-based Zale  
8716 *Zale unilineata* One-lined Zale  
8717 *Zale horrida* Horrid Zale  
8727 *Parallelia bistriaris* Maple Looper Moth  
8738 *Caenurgina crassiuscula* Clover Looper Moth  
8739 *Caenurgina erechtea* Forage Looper Moth  
8778 *Catocala habilis* Habilis Underwing  
8784 *Catocala obscura* Obscure Underwing  
8788 *Catocala resecta* Yellow-gray Underwing  
8792 *Catocala vidua* Widow Underwing  
8795 *Catocala palaeogama* Oldwife Underwing  
8802 *Catocala cerogama* Yellow-banded Underwing  
8857 *Catocala ultronia* Ultronia Underwing  
8878 *Catocala amica* Girlfriend Underwing

### ***Plusiinae***

8889 *Agrapha oxygramma* Sharp-stigma Looper Moth  
8890 *Pseudoplusia includens* Soybean Looper Moth  
8898 *Allagrapha aerea* Unspotted Looper Moth  
8904 *Chrysanympha formosa* Formosa Looper Moth  
8908 *Autographa precatones* Common Looper Moth

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8924 *Anagrapha falcifera* Celery Looper Moth

***Euteliinae***

8956 *Marathyssa basalis* Light Marathyssa  
8968 *Eutelia pulcherrima* Beautiful Eutelia

***Sarrothripinae***

8970 *Baileya ophthalmica* Eyed Bailey  
8972 *Baileya levitans* Pale Bailey

***Nolinae***

8983 *Meganola minuscula* Confused Meganola  
8983.2 *Meganola spodia* Meganola spodia  
8991 *Nola sorghiella* = *cereela* Sorghum Webworm Moth  
8996 *Nola clethrae* [*Nola clethrae*]

***Acontiinae***

9044 *Thioptera nigrofimbria* Black-bordered Lemon Moth  
9046 *Lithacodia bellicula* Bog Lithacodia  
9047 *Lithacodia muscosula* Large Mossy Lithacodia  
9048 *Lithacodia albidula* [*Lithacodia albidula*]  
9049 *Lithacodia synochitis* Black-dotted Lithacodia  
9051 *Lithacodia musta* Small Mossy Lithacodia  
9053 *Lithacodia carneola* Pink-barred Lithacodia  
9059 *Capis curvata* [*Capis curvata*]  
9062 *Cerma cerintha* Tufted Bird-dropping Moth  
9065 *Leuconycta diphteroides* Green Leuconycta

***Pantheinae***

9185 *Colocasia propinquinella* Closebanded Yellowhorn  
9189 *Charadra deridens* The Laugher

***Acronictinae***

9200 *Acronicta americana* American Dagger Moth  
9227 *Acronicta laetifica* Pleasant Dagger Moth  
9237 *Acronicta interrupta* Interrupted Dagger Moth  
9272 *Acronicta oblinita* Smearred Dagger Moth  
9280 *Simyra henrici* Henry's Marsh Moth  
9284 *Agriopodes teratophora* The Gray Marvel  
9286 *Harrisimemna trisignata* Harris's Three-Spot

***Agaristinae***

9299 *Eudryas unio* Pearly Wood-Nymph

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### *Amphipyrinae*

9333	<i>Apamea lignicolora</i>	Wood-colored Apamea
9348	<i>Apamea amputatrix</i>	Yellow-headed Cutworm Moth
9364.1	<i>Apamea ophiogramma</i>	[ <i>Apamea ophiogramma</i> ]
9367	<i>Apamea dubitans</i>	Doubtful Agroperina
9382	<i>Apamea devastator</i>	Glassy Cutworm Moth
9393.1	<i>Rhizedra lutosa</i>	Large Wainscot
9404	<i>Oligia modica</i>	Black-banded Brocade
9406	<i>Oligia fractilinea</i>	Broken-lined Brocade
9408	<i>Neoligia exhausta</i>	[ <i>Neoligia exhausta</i> ]
9433	<i>Xylomoia chagnoni</i>	[ <i>Xylomoia chagnoni</i> ]
9452	<i>Macronoctua onusta</i>	Iris Borer Moth
9454	<i>Amphipoea velata</i>	Veiled Ear Moth
9457	<i>Amphipoea americana</i>	American Ear Moth
9525	<i>Bellura obliqua</i>	Cattail Borer Moth
9545	<i>Euplexia benesimilis</i>	American Angle Shades
9556	<i>Chytonix palliatricula</i>	Cloaked Marvel
9578	<i>Hyppa xylinoides</i>	Common Hyppa
9582	<i>Nedra ramosula</i>	Gray Half-spot
9631	<i>Callopietria mollissima</i>	Pink-shaded Fern Moth
9638	<i>Amphipyra pyramidoides</i>	Copper Underwing
9647	<i>Proxenus (Athetis) miranda</i>	Miranda Moth
9650	<i>Anorthodes tarda</i>	The Slowpoke
9662	<i>Balsa malana</i>	Many-dotted Appleworm Moth
9663	<i>Balsa tristrigella</i>	Three-lined Balsa
9664	<i>Balsa labecula</i>	White-blotched Balsa
9665	<i>Spodoptera exigua</i>	Beet Armyworm Moth
9666	<i>Spodoptera frugiperda</i>	Fall Armyworm Moth
9669	<i>Spodoptera ornithogalli</i>	Yellow-striped Armyworm Moth
9678	<i>Elaphria versicolor</i>	Variiegated Midget
9681	<i>Elaphria festivoidea</i>	Festive Midget
9684	<i>Elaphria grata</i>	Grateful Midget
9688	<i>Galgula partita</i>	The Wedgling
9690	<i>Condica videns</i>	White-dotted Groundling
9696	<i>Condica vecors</i>	Dusky Groundling
9720	<i>Ogdoconta cinereola</i>	Common Pinkband
9815	<i>Cosmia calami</i>	American Dun-bar
9818	<i>Amolita fessa</i>	Feeble Grass Moth

### *Cuculliinae*

9889	<i>Lithophane petulca</i>	Wanton Pinion
9930	<i>Pyreferra citromba</i>	[ <i>Pyreferra citromba</i> ]
9933	<i>Eupsilia vinulenta</i>	Straight-toothed Sallow
9935	<i>Eupsilia tristigmata</i>	Three-spotted Sallow
9936	<i>Eupsilia morrisoni</i>	Morrison's Sallow
9957	<i>Sunira bicolorago</i>	Bicolored Sallow
9961	<i>Anathix ralla</i>	Dotted Sallow
10005	<i>Feralia jocosa</i>	Jocose Sallow
10012	<i>Eutolyte electilis</i>	Chosen Sallow
10019	<i>Psaphida rusumens</i>	Figure-eight Sallow
10021	<i>Copivaleria grotei</i>	Grote's Sallow
10033	<i>Catabena lineolata</i>	Fine-lined Sallow
10177	<i>Calophasia lunula</i>	Toadflax Brocade
10200	<i>Cucullia asteroides</i>	The Asteroid

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### *Hadeninae*

10288	"Polia" detracta	Disparaged Arches
10300	Spirameter grandis	Grand Arches
10304	Trichordestra legitima	Striped Garden Caterpillar
10397	Lacinipolia renigera	Bristly Cutworm Moth
10431	Faronta diffusa	Wheat Head Armyworm Moth
10436	Mythimna oxygala	[Mythimna oxygala]
10438	Pseudaletia unipuncta	Armyworm Moth
10444	Leucania phragmitidicola	Phragmites Wainscot
10445	Leucania linda	[Leucania linda]
10446	Leucania multilineata	Many-lined Wainscot
10446.1	Leucania lapidaria	[Leucania lapidaria]
10447	Leucania commoides	Black-streaked Wainscot*
10456	Leucania adjuta	[Leucania adjuta]
10459	Leucania inermis	Unarmed Wainscot
10461	Leucania ursula	Ursula Wainscot
10462	Leucania pseudargyria	False Wainscot
10487	Orthosia rubescens	Ruby Quaker
10495	Orthosia hibisci	Speckled Green Fruitworm
10501	Crocigrapha normani	Norman's Quaker
10502	Himella intractata	Intractable Quaker
10518	Achatia distincta	Distinct Quaker
10521	Morrisonia confusa	Confused Woodgrain
10521.1	Morrisonia latex	Fluid Arches
10524	Nephelodes minians	Bronzed Cutworm Moth
10532	Homorthodes furfurata	Scurfy Quaker
10563	Protorthodes oviduca	Ruddy Quaker
10567	Ulolonche culea	Sheathed Quaker
10585	Orthodes crenulata	Rustic Quaker
10587	Orthodes cynica	Cynical Quaker

### *Noctuinae*

10648	Agrotis gladiaria	Swordsman Dart
10651	Agrotis venerabilis	Venerable Dart
10663	Agrotis ipsilon	Ipsilon Dart
10670	Feltia jaculifera	Dingy Cutworm Moth
10674	Feltia subgothica	Subgothic Dart
10675	Feltia tricoso	[Feltia tricoso]
10676	Feltia herilis	Master's Dart
10680	Feltia geniculata	Knee-joint Dart
10891	Ochropleura plecta	Flame-shouldered Dart
10903	Euagrotis illapsa	Snowy Dart
10911	Anicla infecta	Green Cutworm Moth
10915	Peridroma saucia	Variogated Cutworm Moth
10925.1	Noctua pronuba	Large Yellow Underwing
10942.1	Xestia dolosa	Greater Black-letter Dart
10944	Xestia smithii	Smith's Dart
10950	Xestia bicarnea	Pink-spotted Dart
10955	Xestia badinodis	Pale-banded Dart
10994	Cerastis tenebrifera	Reddish Speckled Dart
11029	Abagrotis alternata	Greater Red Dart

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***Heliothinae***

11068 Helicoverpa zea  
11128 Schinia arcigera

Corn Earworm Moth  
Arcigera Flower Moth