

# CHECKLIST OF WISCONSIN MOTHS

(Superfamilies Mimallonoidea, Drepanoidea, Lasiocampoidea, Bombycoidea, Geometroidea, and Noctuoidea)

Leslie A. Ferge,<sup>1</sup> George J. Balogh<sup>2</sup> and Kyle E. Johnson<sup>3</sup>

## ABSTRACT

A total of 1284 species representing the thirteen families comprising the present checklist have been documented in Wisconsin, including 293 species of Geometridae, 252 species of Erebidae and 584 species of Noctuidae. Distributions are summarized using the six major natural divisions of Wisconsin; adult flight periods and statuses within the state are also reported. Examples of Wisconsin's diverse native habitat types in each of the natural divisions have been systematically inventoried, and species associated with specialized habitats such as peatland, prairie, barrens and dunes are listed.

## INTRODUCTION

This list is an updated version of the Wisconsin moth checklist by Ferge & Balogh (2000). A considerable amount of new information from has been accumulated in the 18 years since that initial publication. Over sixty species have been added, bringing the total to 1284 in the thirteen families comprising this checklist. These families are estimated to comprise approximately one-half of the state's total moth fauna.

Historical records of Wisconsin moths are relatively meager. Checklists including Wisconsin moths were compiled by Hoy (1883), Rauterberg (1900), Fernekes (1906) and Muttkowski (1907). Hoy's list was restricted to Racine County, the others to Milwaukee County. Records from these publications are of historical interest, but unfortunately few verifiable voucher specimens exist. Unverifiable identifications and minimal label data associated with older museum specimens limit the usefulness of this information. Covell (1970) compiled records of 222 Geometridae species, based on his examination of specimens representing at least 30 counties. The oldest labeled museum specimens located were collected in 1881, but significant numbers of specimens did not accumulate until the 1930's when William E. Sieker and Harold M. Bower sampled a limited number of sites. In the late 1950's collecting using ultraviolet "blacklights" substantially added to our knowledge base. By the late 1970's portable lightweight battery-powered ultraviolet lights facilitated investigation of a wide variety of habitats, providing a wealth of new information.

Curtis (1959) indicates that floristic elements of the eastern deciduous forest region, the boreal forest region and the prairie region meet and intermingle in the state. The great diversity of habitats found in Wisconsin is a reflection of the state's geographic position, glacial deposits and topography. Hole and Germain (1994) have delineated six major natural divisions of Wisconsin, based on characteristics of geology, soils and vegetation. These are described below and their location indicated on the accompanying map (figure 1), with vegetation descriptions supplemented by observations from over 600 field sites visited by the authors.

**(1) Lake Superior Lowland:** A level to undulating glaciated clay plain formerly dominated by forests of white spruce, balsam fir, white pine, aspen, birch, white cedar, maple, and hemlock. Historical logging has largely resulted in second growth forests trending to aspen-birch. Common wetland types include alder thickets, sedge meadows, black ash swamps, and white cedar swamps. Peatlands and limited dunes occur along the Lake Superior shore and on some of the Apostle Islands.

**(2) Northern Highland:** A rolling glaciated plain dominated by forests of maple, aspen, birch, white pine, red pine, balsam fir, hemlock, basswood, and white spruce. Dry, sandy soils support jack pine and Hill's oak woodland and a few extensive barrens areas. The region contains an abundance of lakes and wetlands including peatlands, sedge meadows, alder and willow thickets, mixed conifer swamps, and black ash swamps.

<sup>1</sup>Research Associate, Milwaukee Public Museum, 7119 Hubbard Avenue, Middleton, WI 53562-3231 [lesferge@gmail.com](mailto:lesferge@gmail.com)

<sup>2</sup>6275 Liteolier Street, Portage, MI 49024-2394 [bug50x@att.net](mailto:bug50x@att.net)

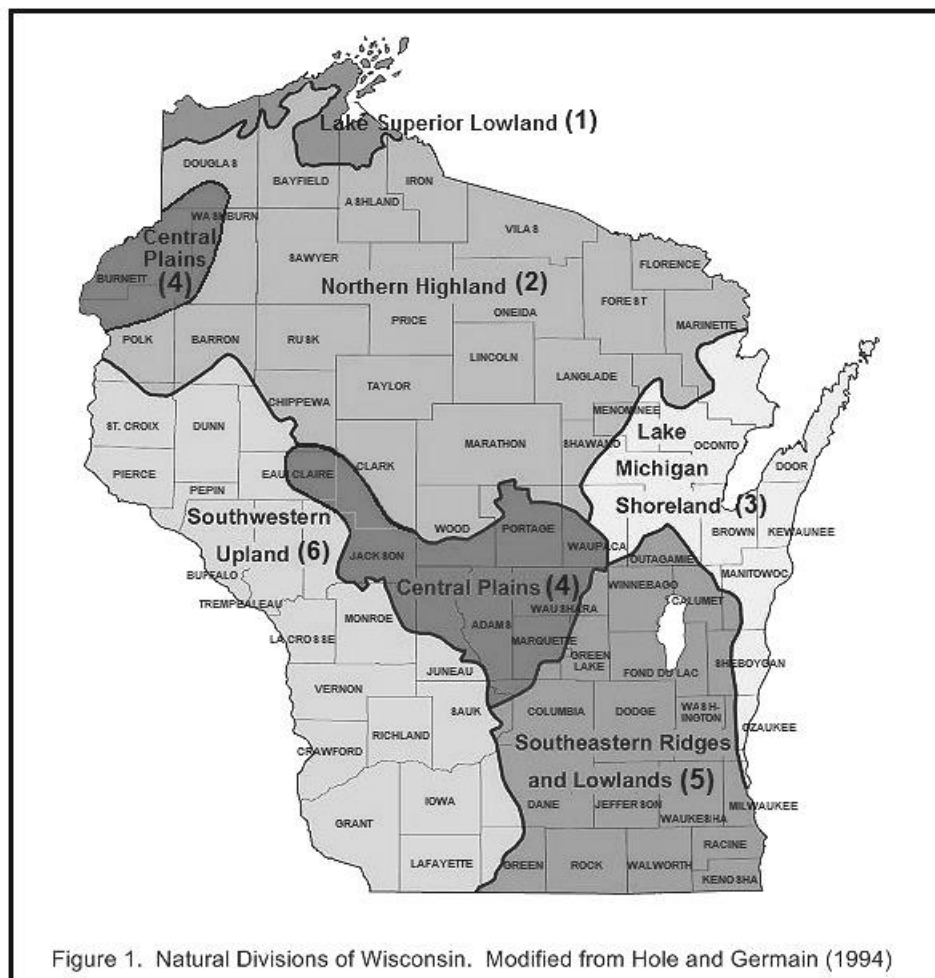
<sup>3</sup>University of Wisconsin, Dept. of Entomology, 1630 Linden Dr., Madison, WI 53706-1598 [kejohnson4@wisc.edu](mailto:kejohnson4@wisc.edu)

**(3) Lake Michigan Shoreland:** A level to rolling glaciated region dominated by forests of maple, basswood, ash, elm, oak, aspen, birch, hemlock, white pine, and beech. Hardwood swamps, white cedar swamps, sedge meadows, and willow thickets are common. Several extensive dune areas occur along the Lake Michigan shore. Peatlands occur sporadically, and the Door Peninsula supports limited areas of spruce-fir forest and alvar.

**(4) Central Plains:** A mostly level sand plain on a former glacial lake bottom, with the original open jack pine barrens and oak savanna largely succeeded to woodlands and forests of Hill's oak, white oak, jack pine, white pine, red pine, paper birch, aspen, red maple, and cherry. Wetlands are extensive and include sedge meadows, shrub thickets, and peatlands. This is a rich transitional area, with a mixture of western prairie and northern forest elements. The extent of this division indicated here is modified from Hole and Germain (1994) to include eastern Eau Claire County, as well as the disjunct sand plain centered in Burnett County. This better delineates moth distribution, as the habitats and moth fauna are very similar in each area.

**(5) Southeastern Ridges and Lowlands:** A glaciated region of ridges, lowlands and moraines, now largely utilized for farmland. Forests and woodlands are composed largely of maple, basswood, oak, ash, elm, cherry, walnut, and hickory. Wetlands include extensive sedge meadows, emergent marshes, willow thickets, tamarack fens, and hardwood swamps. Formerly large areas of mesic and wet prairie have largely fallen to the plow, with few examples remaining. Small areas of oak savannah and sand prairie survive as well.

**(6) Southwestern Upland:** A hilly, unglaciated region also known as the Driftless Area, dissected by river valleys. A once extensive area of prairie and oak savanna is now farmland, with prairie remnants found mostly on steep, rocky sites and on sand plains along the Wisconsin River. Woodlands and forests are composed mainly of oak, hickory, walnut, elm, basswood, maple, cherry, and hackberry. Extensive floodplain forests of silver maple, cottonwood, and river birch occur along the lower Wisconsin and Mississippi River Valleys, along with other wetlands including sedge meadows and buttonbush swamps. Tamarack fens occur as isolated remnants, as do pine and hemlock relicts on sandstone bluffs and in cool ravines.



## MATERIALS AND METHODS

This list is based on adult moth specimens collected or examined by the authors. In a few cases, photographs provide the sole documentation. A small number of unverified or questionable records from the literature are briefly discussed at the end of the list. In addition to specimens retained by the authors, specimens were examined in collections at the Milwaukee Public Museum, the University of Wisconsin-Madison, the University of Wisconsin-Oshkosh, the University of Wisconsin-Stevens Point, the Field Museum of Natural History, Chicago, the University of Minnesota-Saint Paul, the Natural History Museum of Los Angeles County, the American Museum of Natural History, New York, and the United States National Museum of Natural History, Washington, D.C. Numerous records were also obtained from private collections. Specimen label data is being compiled and stored electronically using a Microsoft Access database.

Specimens collected by the authors were taken primarily at light, relying on 15-watt blacklights or 175-watt mercury vapor lights illuminating a sheet, or small battery-operated 15-watt funnel-type blacklight traps. The traps were indispensable for surveying remote or inhospitable areas; their portability allowed access to almost any site, resulting in many records that could not have been obtained otherwise. Moths were also found during diurnal searches, netted at flowers, and attracted with fermenting fruit/sugar baits. A small number of records were obtained by rearing larvae.

Examples of the majority of Wisconsin's major native habitat types in each of the natural divisions have been systematically inventoried. Most of Wisconsin's moth species have one or two adult flights per year, and many are highly seasonal in occurrence, with adults present only 2-3 weeks of the year. A good diversity of moth species inhabiting a given locality can be accounted for by sampling at two-week intervals from April-May through October. Due to the inhibitory effect of bright moonlight on nocturnal light sampling, it is preferable to conduct inventories over a minimum of two consecutive years, scheduling site visits once a month, coinciding as nearly as practical with the new moon. During the second year, the monthly sampling is scheduled to fill in between the previous dates, which again coincides favorably with the lunar cycle.

## RESULTS

A total of 1284 species representing the thirteen families comprising the present checklist has been documented in Wisconsin, including 293 species of Geometridae, 252 species of Erebidae and 584 species of Noctuidae. The nomenclature and arrangement of species follows Pohl, Patterson & Pelham (2016), which incorporates the extensive revision and updates of the Noctuoidea by Lafontaine & Schmidt (2010), (2011), (2013) and (2015). Additional updates were provided by Pohl, Anweiler, Schmidt and Kondla (2010), Pogue (2013), Dubatolov (2015), Lavitt and Wagner (2016) and Rönkä, Mappes, Kaila, and Wahlberg (2016). The numbers from the Hodges (1983) checklist are cross-referenced and appear in parentheses. Checklist numbers in bold type indicate a recent nomenclatural change or an unresolved taxonomic issue. These are explained on pages 30-32.

The range of each species is summarized by indicating its occurrence within Wisconsin's six natural divisions, as shown in figure 1. Hole and Germain (1994) indicate that boundaries between natural divisions are necessarily approximations. Plant community, geologic and soil boundaries are not sharp, but form a gradient from one type to another. There are some instances where moth ranges extend slightly into bordering counties of adjacent divisions, creating the impression that a species is more widespread than it actually is. However, the ranges of the most species appear to correlate well with the divisions. The often lengthy flight periods indicated for some species are due to multiple broods, early or late seasons, and delayed flights in the far north or in close proximity to the Great Lakes.

## Superfamily MIMALLONOIDEA

### MIMALLONIDAE

- 830001 (7659) *Lacosoma chiridota* Grote, 1864. Unknown, Grant Co., 30 June 1992, Dane Co., 23 June 1995  
830004 (7662) *Cicinnus melsheimeri* (Harris, 1841). Resident, Divisions 4, 6, late May-late June

## Superfamily DREPANOIDEA

### DREPANIDAE: Thyatirinae

- 850003 (6235) *Habrosyne scripta* (Gosse, 1840). Resident, Divisions 1, 2, 3, June-early July  
850004 (6236) *Habrosyne gloriosa* (Guenée, 1852). Resident, Divisions 4, 5, 6, mid June-mid August  
850005 (6237) *Pseudothyatira cymatophoroides* (Guenée, 1852). Resident, Statewide, mid June-July  
850008 (6240) *Euthyatira pudens* (Guenée, 1852). Resident, Statewide, mid April-mid May

### DREPANIDAE: Drepaninae

- 850019 (6251) *Drepana arcuata* Walker, 1855. Resident, Statewide, mid May-mid August  
850020 (6252) *Drepana bilineata* (Packard, 1864). Resident, Statewide, May-July  
850021 (6253) *Eudeilina herminiata* (Guenée, 1857). Resident, Divisions 3, 4, 5, 6, late May-July  
850023 (6255) *Oreta rosea* (Walker, 1855). Resident, Statewide, June-August

## Superfamily LASIOCAMPOIDEA

### LASIOCAMPIDAE: Lasiocampinae

- 870001 (7685) *Heteropacha rileyana* Harvey, 1874. Resident, Grant, Ozaukee, Richland Cos., mid May-mid August  
870003 (7687) *Phyllodesma americana* (Harris, 1841). Resident, Statewide, late April-late July

### LASIOCAMPIDAE: Macromphaliinae

- 870014 (7698) *Malacosoma disstria* Hübner, 1820. Resident, Statewide, late June-late July  
870017 (7701) *Malacosoma americana* (Fabricius, 1793). Resident, Statewide, mid June- mid July  
870018 (7702) *Malacosoma californica* (Packard, 1864). Unknown (single specimen), Douglas Co., 18 June 1988  
870021 (7670) *Tolyte velleda* (Stoll, 1791). Resident, Statewide, late August-late September  
870024 (7673) *Tolyte laricis* (Fitch, 1856). Resident, Divisions 1, 2, 3, 4, late August-late September

## Superfamily BOMBYCOIDEA

### APATELODIDAE

- 890001 (7663) *Apatelodes torrefacta* (J. E. Smith, 1797). Resident, Divisions 4, 5, 6, early June-early July  
890004 (7665) *Olceclostera angelica* (Grote, 1864). Resident, Divisions 5, 6, mid June-mid July

### SATURNIIDAE: Ceratocampinae

- 890012 (7704) *Eacles imperialis* (Drury, 1773). Resident, Divisions 5, 6, July  
890014 (7716) *Anisota stigma* (Fabricius, 1775). Resident, Division 4, mid June-mid July  
890017 (7723) *Anisota virginiensis* (Drury, 1773). Resident, Divisions 2, 4, 5, late May-mid June  
890018 (7719) *Anisota senatoria* (J. E. Smith, 1797). Resident, Divisions 2, 4, 5, mid June-late July  
890022 (7715) *Dryocampa rubicunda* (Fabricius, 1793). Resident, Statewide, late May-June  
890023 (7712) *Sphingicampa bisecta* (Lintner, 1879). Historic. Type locality is Racine, Wisconsin  
890024 (7709) *Sphingicampa bicolor* (Harris, 1841). Resident, Crawford, Grant, Green, Richland, Rock Cos., May, July

### SATURNIIDAE: Hemileucinae

- 890040 (7730) *Hemileuca maia* (Drury, 1773) Great Lakes complex. Resident, Divisions 4, 5, late September-early October  
890042 (7731) *Hemileuca nevadensis* Stretch, 1872. Resident, Douglas, Burnett, Polk Cos., Late September  
890055 (7746) *Automeris io* (Fabricius, 1775). Resident, Statewide, late May-June

### SATURNIIDAE: Saturniinae

- 890070 (7757) *Antheraea polyphemus* (Cramer, 1776). Resident, Statewide, mid May-June  
890072 (7758) *Actias luna* (Linnaeus, 1758). Resident, Statewide, mid May-June  
890079 (7764) *Callosamia promethea* (Drury, 1773). Resident, Statewide, June  
890082 (7767) *Hyalophora cecropia* (Linnaeus, 1758). Resident, Statewide, late May-June  
890083 (7768) *Hyalophora columbia* (S. I. Smith, 1865). Resident, Divisions 2, 3, late May-early June

**SPHINGIDAE: Sphinginae**

- 890086 (7771) *Agrius cingulata* (Fabricius, 1775). Occasional stray, Divisions 5, 6, September-October  
890090 (7775) *Manduca sexta* (Linnaeus, 1763). Periodic migrant, Divisions, 4, 5, 6, July-September  
890091 (7776) *Manduca quinquemaculata* (Haworth, 1803). Periodic migrant, Statewide, July-September  
890100 (7784) *Dolba hyloeus* (Drury, 1773). Resident, Divisions 2, 4, early July-mid August  
890102 (7786) *Ceratomia amyntor* (Geyer, 1835). Resident, Statewide, June-July  
890103 (7787) *Ceratomia undulosa* (Walker, 1856). Resident, Statewide, June-mid July  
890105 (7789) *Ceratomia catalpae* (Boisduval, 1875). Resident, Divisions 5, 6, June, August  
890106 (7790) *Ceratomia hageni* Grote, 1874. Stray, Grant, Green, Rock Cos., early June, August  
890111 (7802) *Sphinx chersis* (Hübner, 1823). Resident, Statewide, mid June-mid August  
890112 (7803) *Sphinx vashti* Strecker, 1878. Stray, Divisions 3, 5, mid June-early August  
890116 (7807) *Sphinx canadensis* Boisduval, 1875. Resident, Divisions 1, 2, 3, 6, late May-early August  
890118 (7809) *Sphinx kalmiae* J. E. Smith, 1797. Resident, Statewide, June-July  
890119 (7810) *Sphinx gordius* Cramer, 1780. Resident, Divisions 4, 5, 6, late May-early July  
890121 (7810.1) *Sphinx poecila* Stephens, 1828. Resident, Divisions 1, 2, 3, 4, late May-July  
890122 (7811) *Sphinx luscitiosa* Clemens, 1859. Resident, Divisions 2, 3, late May-early July  
890123 (7812) *Sphinx drupiferarum* J. E. Smith, 1797. Resident, Statewide, June-mid July  
890128 (7796) *Lintneria eremitus* (Hübner, [1823]). Resident, Statewide, July  
890136 (7817) *Lapara bombycoides* Walker, 1856. Resident, Divisions 1, 2, 3, 4, 6, late May-late July

**SPHINGIDAE: Smerinthinae**

- 890140 (7821) *Smerinthus jamaicensis* (Drury, 1773). Resident, Statewide, late May-mid August  
890141 (7822) *Smerinthus cerisyi* Kirby, 1837. Resident, Statewide, mid May-June  
890144 (7824) *Paonias excaecata* (J. E. Smith, 1797). Resident, Statewide, June-July  
890145 (7825) *Paonias myops* (J. E. Smith, 1797). Resident, Statewide, late May-early August  
890147 (7827) *Amorpha juglandis* (J. E. Smith, 1797). Resident, Statewide, mid-May-July  
890148 (7828) *Pachysphinx modesta* (Harris, 1839). Resident, Statewide, late May-July

**SPHINGIDAE: Dilophonotinae**

- 890152 (7832) *Erinnyis alope* (Drury, 1770). Stray, Portage Co., 5 September 1957  
890154 (7834) *Erinnyis ello* (Linnaeus, 1758). Stray, Dane, Forest, Sauk Cos., July-mid September  
890156 (7837) *Erinnyis obscura* (Fabricius, 1775). Stray, Outagamie Co., 2 September 1971  
890170 (7849) *Aellopos titan* (Cramer, 1777). Stray, Divisions 2, 3, 5, late June-early October  
890177 (7853) *Hemaris thysbe* (Fabricius, 1775). Resident, Statewide, early June-mid August  
890178 (7854) *Hemaris gracilis* (Grote & Robinson, 1865). Resident, Divisions 2, 4, late May-late June  
890179 (7855) *Hemaris diffinis* (Boisduval, 1836). Resident, Statewide, May-early August  
890179.1 (7855.1) *Hemaris aethra* (Strecker, 1875). Resident, Divisions 2, 4, late May-late June

**SPHINGIDAE: Macroglossinae**

- 890182 (7859) *Eumorpha pandorus* (Hübner, 1821). Resident, Divisions 3, 4, 5, 6, mid June-early September  
890184 (7861) *Eumorpha achemon* (Drury, 1773). Periodic breeding migrant, Divisions 3, 5, 6, late May-Sept.  
890187 (7865) *Eumorpha fasciatus* (Sulzer, 1776). Stray, Dane Co., 18 August 1995  
890188 (7866) *Eumorpha labruscae* (Linnaeus, 1758). Stray, Door Co., 2 Oct. 2007, Milwaukee Co., 15 Oct. 1938  
890192 (7870) *Sphecodina abbottii* (Swainson, 1821). Resident, Divisions 2, 3, 4, 5, 6, early May-mid June  
890193 (7871) *Deidamia inscriptum* (Harris, 1839). Resident, Divisions 3, 4, 5, 6, late April-early June  
890194 (7873) *Amphion floridensis* B. P. Clark, 1920. Resident, Statewide, June  
890206 (7884) *Darapsa versicolor* (Harris, 1839). Unknown, Richland Co., 3 August 2011, Sauk Co., 23 July 1955  
890207 (7885) *Darapsa myron* (Cramer, 1780). Resident, Statewide, June-July  
890208 (7886) *Darapsa choerilis* (Cramer, 1779). Resident, Statewide, mid May-July  
890211 (7890) *Xylophanes tersa* (Linnaeus, 1771). Stray, Divisions 4, 5, 6, early July-early September  
890215 (7892) *Hyles euphorbiae* (Linnaeus, 1758). Introduced, Eau Claire, Monroe, Trempealeau Cos., June-early July  
890216 (7893) *Hyles gallii* (Rottemburg, 1775). Periodic breeding migrant, Divisions 2, 3, 6, mid June-mid July  
890217 (7894) *Hyles lineata* (Fabricius, 1775). Periodic breeding migrant, Statewide, mid-May-September

## Superfamily GEOMETROIDEA

### URANIIDAE

- 910002 (7650) *Callezzia amorata* Packard, 1864. Resident, Divisions 2, 3, July-mid August  
910006 (7653) *Calledapteryx dryopterata* Grote, 1868. Resident, Divisions 3, 5, 6, July-mid August

### GEOMETRIDAE: Larentiinae: Hydrimenini

- 910015 (7182) *Dysstroma citrata* (Linnaeus, 1761). Resident, Divisions 1, 2, 3, August  
910021 (7187) *Dysstroma truncata* (Hufnagel, 1767). Resident, Door, Vilas Cos., early July  
910022 (7188) *Dysstroma walkerata* (Pearsall, 1909). Resident, Divisions 2, 3, June  
910024 (7189) *Dysstroma hersiliata* (Guenée, [1858]). Resident, Statewide, mid June-mid July  
910031 (7196) *Eulithis diversilineata* (Hübner, [1813]). Resident, Divisions 4, 5, 6, July-mid September  
910032 (7197) *Eulithis gracilineata* (Guenée, [1858]). Resident, Divisions 4, 5, 6, mid July-mid September  
910034 (7199) *Eulithis propulsata* (Walker, 1862). Resident, Divisions 1, 2, 3, mid July-early August  
910037 (7201) *Eulithis testata* (Linnaeus, 1761). Resident, Statewide, late August-mid September  
910039 (7203) *Eulithis molliculata* (Walker, 1862). Resident, Divisions 3, 4, 6, July-mid August  
910041 (7205) *Eulithis flavibrunneata* (McDunnough, 1943). Resident, Divisions 1, 2, 3, 4, mid July-mid August  
910042 (7206) *Eulithis explanata* (Walker, 1862). Resident, Statewide, July-early August  
910044 (7208) *Eulithis serrataria* (Barnes & McDunnough, 1917). Resident, Divisions 1, 2, 3, late July-early August.  
910046 (7210) *Antepirrhoe semiatrata* (Hulst, 1881). Historic, Forest, Oneida, Price Cos.  
910049 (7213) *Ecliptopera silaceata* ([Denis. & Schiffermüller], 1775). Historic, Forest, Oneida Cos.  
910053 (7216) *Plemyria georgii* Hulst, 1896. Resident, Divisions 1, 2, 3, late July-late August  
910054 (7217) *Thera juniperata* (Linnaeus, 1758). Unknown (one specimen), Brown Co., 9 October 1979  
910055 (7218) *Thera contractata* (Packard, 1873). Resident, Divisions 1, 3, late July-late September  
910067 (7229) *Hydriomena perfracta* Swett, 1910. Resident, Divisions 1, 2, 3, late May-late June  
910073 (7235) *Hydriomena divisaria* (Walker, 1860). Resident, Division 2, mid May-mid June  
910074 (7236) *Hydriomena renunciata* (Walker, 1862). Resident, Divisions 1, 2, 3, 4, late May-June  
910075 (7237) *Hydriomena transfigurata* Swett, 1912. Resident, Divisions 2, 4, 5, 6, late April-May  
910092 (7254) *Hydriomena ruberata* (Freyer, 1831). Resident, Divisions 2, 3, 4, mid May-early June  
910123 (7285) *Triphosia haesitata* (Guenée, [1858]). Resident, Divisions 2, 3, April-May, September  
910128 (7290) *Coryphista meadii* (Packard, 1874). Unknown, Divisions 3, 5, 6, mid July-late September  
910129 (7291) *Rheumaptera undulata* (Linnaeus, 1758). Resident, Divisions 2, 3, 5, 6, late June-mid July  
910130 (7292) *Rheumaptera prunivorata* (Ferguson, 1955). Resident, Statewide, late May-late July  
910131 (7293) *Rheumaptera hastata* (Linnaeus, 1758). Resident, Statewide, June  
910132 (7294) *Rheumaptera subhastata* (Nolcken, 1870). Resident, Division 2, June  
910150 (7307) *Mesoleuca ruficillata* (Guenée, [1858]). Resident, Statewide, late May-early July  
910155 (7312) *Spargania magnoliata* Guenée, [1858]. Resident, Divisions 2, 3, mid June-July  
910156 (7313) *Spargania luctuata* (Denis [& Schiffermüller], 1775). Historic, Forest, Oneida Cos., 10 August 1923  
910159 (7316) *Perizoma basaliata* (Walker, 1862). Resident, Divisions 2, 3, early July-mid August  
910172 (7329) *Anticlea vasiliata* Guenée, [1858]. Resident, Divisions 1, 2, 3, 4, mid April-late May  
910173 (7330) *Anticlea multiferata* (Walker, 1863). Resident, Statewide, mid May-early June

### GEOMETRIDAE: Larentiinae: Stamnodini

- 910176 (7333) *Stamnodes gibbicostata* (Walker, 1862). Resident, Divisions 2, 3, 4, 6, late August-September

### GEOMETRIDAE: Larentiinae: Xanthorhoini

- 910211 (7368) *Xanthorhoe labradorensis* (Packard, 1867). Resident, Divisions 2, 3, 4, late May-early August  
910212 (7369) *Xanthorhoe packardata* McDunnough, 1945. Resident, Divisions 2, 3, 5, late July-early August  
910213 (7370) *Xanthorhoe abrasaria* (Herrich-Schäffer, [1855]). Resident, Divisions 1, 2, late June-early July  
910214 (7371) *Xanthorhoe iduata* (Guenée, [1858]). Resident, Divisions 2, 4, late June-early July  
910227 (7384) *Xanthorhoe decoloraria* (Esper, 1806). Resident, Divisions 1, 2, July  
910231 (7388) *Xanthorhoe ferrugata* (Clerck, 1759). Resident, Statewide, mid May-mid August  
910234 (7390) *Xanthorhoe lacustrata* (Guenée, [1858]). Resident, Statewide, May-mid August  
910235 (7391) *Xanthorhoe dentilinea* Barnes & McDunnough, 1913. Unknown, Vilas Co., 14 August 1947  
910238 (7394) *Epirrhoe alternata* (Müller, 1764). Resident, Divisions 2, 3, 4, 5, late May-July  
910244 (7399) *Euphyia intermediata* (Guenée, [1858]). Resident, Statewide, mid May-mid September

- 910258 (7414) *Orthonama obstipata* (Fabricius, 1794). Annual migrant, Statewide, late April-November  
910259 (7415) *Orthonama evansi* (McDunnough, 1920). Resident, Divisions 4, 5, early June-mid August  
910260 (7416) *Costaconvexa centrostrigaria* (Wollaston, 1858). Annual migrant, Statewide, April-early November  
910261 (7417) *Disclisioprocta stellata* (Guenée, [1858]). Stray, Dane, Grant, Green Cos., late September  
**GEOMETRIDAE: Larentiinae: Asthenini**  
910263 (7419) *Hydrelia lucata* (Guenée, [1858]). Resident, Divisions 2, 3, 6, late May-early July  
910264 (7420) *Hydrelia condensata* (Walker, 1862). Resident, Division 2, June  
910267 (7423) *Hydrelia albifera* (Walker, 1866). Resident, Statewide, June-mid July  
910272 (7428) *Venusia comptaria* (Walker, 1860). Resident, Divisions 2, 4, 5, 6, late April-mid May  
910274 (7430) *Trichodezia albovittata* (Guenée, [1858]). Resident, Statewide, late May-early August  
**GEOMETRIDAE: Larentiinae: Operophterini**  
910278 (7433) *Epirrita autumnata* (Borkhausen, 1794). Resident, Statewide, late September-late October  
910282 (7437) *Operophtera bruceata* (Hulst, 1886). Resident, Statewide, mid October-mid November  
**GEOMETRIDAE: Larentiinae: Eudulini**  
910286 (7440) *Eubaphe mendica* (Walker, 1854). Resident, Statewide, late May-August  
**GEOMETRIDAE: Larentiinae: Eupitheciini**  
910292 (7445) *Horisme intestinata* (Guenée, [1858]). Resident, Statewide, late May-mid August  
910296 (7449) *Eupithecia palpata* Packard, 1873. Resident, Divisions 2, 3, 4, late May-late June  
910305 (7459) *Eupithecia columbiata* (Dyar, 1904). Resident, Divisions 2, 4, 6, late April-May  
910307 (7509.1) *Eupithecia matheri* Rindge, 1985. Resident, Divisions 2, 4, 5, 6, late April-mid September  
910313 (7551) *Eupithecia interruptofasciata* Packard, 1873. Resident, Divisions 2, 3, 4, 5, late August-September  
910324 (7474) *Eupithecia miserulata* Grote, 1863. Resident, Statewide, late May-late October  
910326 (7476) *Eupithecia misturata* (Hulst, 1896). Resident, Divisions 2, 3, late May-mid August  
910330 (7481) *Eupithecia coloradensis* (Hulst, 1896). Resident, Marathon Co., 24 June 2008; Oneida Co., 10 June 1962  
910332 (7483) *Eupithecia regina* Taylor, 1906. Resident, Burnett Co., 21 June 1996; Jackson Co., 4 June 1994  
910333 (7485) *Eupithecia borealis* (Hulst, 1898). Unknown, Vilas Co., 9 July 1948  
910335 (7487) *Eupithecia subfuscata* (Haworth, 1809). Resident, Divisions 1, 2, 3, late June-early July  
910338 (7491) *Eupithecia fletcherata* Taylor, 1907. Resident, Divisions 1, 4, 5, early May-mid August  
910339 (7555.2) *Eupithecia fredericki* Knudson, 1985. Unknown, Grant Co., 19 May 1999  
910340 (7492) *Eupithecia casloata* (Dyar, 1904). Resident, Bayfield Co., 24 June 1993  
910342 (7495) *Eupithecia affinata* Pearsall, 1908. Resident, Divisions 3, 5, 6, late August-early September  
910363 (7518) *Eupithecia intricata* (Zetterstedt, [1839]). Resident, Divisions 3, 4, late May-June  
910365c (7520) *Eupithecia satyrata dodata* Taylor, 1906. Resident, Manitowoc Co., 11 June 1993  
910366 (7522) *Eupithecia nimbicolor* (Hulst, 1896). Resident, Divisions 1, 2, late May-early June  
910367 (7523) *Eupithecia strattonata* Packard, 1873. Resident, Divisions 2, 4, late May-early June  
910368 (7524) *Eupithecia cimicifugata* Pearsall, 1908. Resident, Door Co., 5 June. 1927; Ozaukee Co., 16 July 1996  
910369 (7526) *Eupithecia russeliata* Swett, 1908. Resident, Divisions 2, 4, late May-early July  
910370 (7527) *Eupithecia ammonata* McDunnough, 1929. Resident, Burnett, La Crosse Cos., late May-early June  
910371 (7530) *Eupithecia swettii* Grossbeck, 1907. Resident, Divisions 4, 5, 6, mid April-late May  
910380 (7538) *Eupithecia gelidata* Möschler, 1860. Resident, Jackson Co., 19 May 2001  
910382 (7540) *Eupithecia perfusca* (Hulst, 1898). Resident, Divisions 1, 2, 3, early June-late July  
910383 (7543) *Eupithecia annulata* (Hulst, 1896). Resident, Divisions 2, 3, mid April-mid May  
910388 (7548.2) *Eupithecia lariciata* (Freyer, 1841). Resident, Division 2, late May-early June  
910392 (7554.1) *Eupithecia assimidata* Doubleday, 1856. Resident, Divisions 2, 3, 5, 6, early June-mid August  
910403 (7565) *Eupithecia bowmani* Cassino & Swett, 1923. Resident, Marinette Co., 4 June 1995; Oneida Co., 1 June 1940  
910415 (7575) *Eupithecia mutata* Pearsall, 1908. Resident, Oneida Co., 1 July 2000; Waukesha Co., 19 July 1993  
910426 (7586.1) *Eupithecia absinthiata* (Clerck, 1759). Resident, Divisions 3, 4, 5, late August-early September  
910434 (7594) *Eupithecia anticaria* Walker, 1862. Resident, Divisions 2, 3, 4, early May-mid June  
910444 (7605) *Eupithecia ravocostaliata* Packard, 1876. Resident, Divisions 2, 3, 4, late April-mid May  
910466 (7625) *Pasiphila rectangulata* (Linnaeus, 1758). Introduced, Divisions 1, 2, 5, 6, mid June-early July  
**GEOMETRIDAE: Larentiinae: Lobophorini**  
910476 (7635) *Acasis viridata* (Packard, 1873). Resident, Divisions 2, 3, 5, 6, late April-late August  
910478 (7637) *Cladara limitaria* (Walker, 1860). Resident, Statewide, early April-May  
910480 (7639) *Cladara atroliterata* (Walker, 1863). Resident, Statewide, early April-May

- 910481 (7640) *Lobophora nivigerata* Walker, 1862. Resident, Statewide, early May-July  
 910486 (7645) *Heterophleps refusaria* (Walker, 1861). Resident, Divisions 2, 5, 6, late May-early July  
 910488 (7647) *Heterophleps triguttaria* Herrich-Schäffer, [1854]. Resident, Statewide, late May-July  
 910489 (7648) *Dyspteris abortivaria* (Herrich-Schäffer, [1855]). Resident, Statewide, late May-early September  
**GEOMETRIDAE: Sterrhinae: Sterrhini**  
 910503 (7097) *Lobocleta plemyraria* (Guenée, [1858]). Resident, Divisions 4, 5, 6, May-mid August  
 910508 (7102) *Idaeia bonifata* (Hulst, 1887). Stray, Milwaukee Co., 3 April 1913  
 910523 (7114) *Idaeia demissaria* (Hübner, [1831]). Resident, Divisions 3, 4, 5, 6, early July-mid August  
 910529 (7120) *Idaeia violacearia* (Walker, 1861). Unknown, Eau Claire Co., 20 June 1987  
 910534 (7125) *Idaeia rotundopennata* (Packard, 1876). Resident, Division 2, late May-late June  
 910535 (7126) *Idaeia dimidiata* (Hufnagel, 1767). Introduced, Door Co., 1 August 2013, Sheboygan Co., 28 July 2014  
**GEOMETRIDAE: Sterrhinae: Cosymbiini**  
 910540 (7132) *Pleuroprucha insulsaria* (Guenée, [1858]). Annual migrant, Statewide, early June-mid October  
 910544 (7136) *Cyclophora packardi* (Prout, 1936). Resident, Divisions 4, 5, 6, early June-early September  
 910547 (7139) *Cyclophora pendulinaria* (Guenée, [1858]). Resident, Divisions 1, 2, 3, 4, 5, late May-mid August  
 910548 (7140) *Cyclophora nanaria* (Walker, 1861). Stray, Divisions 3, 4, 5, 6, September-mid October  
**GEOMETRIDAE: Sterrhinae: Timandrini**  
 910554 (7146) *Haematopsis grataria* (Fabricius, 1798). Resident, Statewide, late May-late September  
 910555 (7147) *Timandra amaturaria* Walker, 1866. Resident, Division 5, mid June-August  
**GEOMETRIDAE: Sterrhinae: Scopulini**  
 910565 (7157) *Scopula cacuminaria* (Morrison, 1874). Resident, Statewide, late June-early August  
 910567 (7159) *Scopula limboundata* (Haworth, 1809). Resident, Statewide, late June-early August  
 910570 (7162) *Scopula ancillata* (Hulst, 1887). Resident, Divisions 2, 3, 4, June-July  
 910572 (7164) *Scopula junctaria* (Walker, 1861). Resident, Divisions 1, 2, 3, 4, late June-early July  
 910574 (7165) *Scopula quadrilineata* (Packard, 1876). Resident, Divisions 4, 5, early June  
 910575 (7166) *Scopula frigidaria* (Möschler, 1860). Resident, Divisions 2, 3, early July  
 910578 (7169) *Scopula inductata* (Guenée, [1858]). Resident, Statewide, early June-early September  
 910589 (7179) *Leptostales rubromarginaria* (Packard, 1871). Unknown, Marinette Co., late May  
**GEOMETRIDAE: Geometrinae: Nemoriini**  
 910627 (7046) *Nemoria bistriaria* Hübner, 1818. Unknown, Green, Rock Cos., early July-early August  
 910628 (7047) *Nemoria rubrifrontaria* (Packard, 1873). Resident, Divisions 2, 4, late May-late June  
 910629 (7048) *Nemoria mimosaria* (Guenée, [1858]). Resident, Statewide, late May-late June  
 910634 (7053) *Dichorda iridaria* (Guenée, [1858]). Resident, Divisions 3, 6, late May-mid July  
**GEOMETRIDAE: Geometrinae: Synchlorini**  
 910639 (7058) *Synchlora aerata* (Fabricius, 1798). Resident, Statewide, June-early September  
**GEOMETRIDAE: Geometrinae: Hemitheini**  
 910654 (7071) *Chlorochlamys chloroleucaria* (Guenée, [1858]). Resident, Statewide, late May-late August  
 910667 (7084) *Hethemia pistasciaria* (Guenée, [1858]). Divisions 1, 2, 3, 4, late May-mid June  
 910668 (7085) *Mesothea incertata* (Walker, 1863). Resident, Divisions 1, 2, 3, 4, May  
**GEOMETRIDAE: Archiearinae**  
 910669 (6256) *Archiearis infans* (Möschler 1862). Resident, Divisions 2, 3, 4, 6, late March-early May  
 910670 (6257) *Leucobrephos brephoides* (Walker, 1857). Resident, Division 2, late March-mid April  
**GEOMETRIDAE: Ennominae: Alsophilini**  
 910672 (6258) *Alsophila pomataria* (Harris, 1841). Resident, Statewide, late October-mid November  
**GEOMETRIDAE: Ennominae: Cassymini**  
 910676 (7010) *Nematocampa resistaria* (Herrich-Schäffer, [1855]). Resident, Statewide, late June-August  
 910683 (6270) *Protitame virginalis* (Hulst, 1900). Resident, Statewide, late May-late August  
**GEOMETRIDAE: Ennominae: Macariini**  
 910686 (6261) *Heliomata cycladata* Grote & Robinson, 1866. Resident, Divisions 4, 5, 6, mid May-early July  
 910689 (6419) *Isturgia dislocaria* (Packard, 1876). Resident, Divisions 5, 6, late May-mid June  
 910690 (6272) *Eumacaria madopata* (Guenée, [1858]). Resident, Statewide, mid May-mid August  
 910691 (6271.1) *Mellilla xanthometata* (Walker, 1862). Resident, Divisions 5, 6, June, early August  
 910693 (6321) *Epelis truncataria* (Walker, 1862). Resident, Divisions 1, 2, 3, 4, early May-mid June



- 910697 (6332) *Psamatodes abydata* (Guenee, 1857). Stray, Dane, Kewaunee, Milwaukee Cos., late September  
 910702 (6286) *Macaria brunneata* (Thunberg, 1784). Resident, Divisions 1, 2, 3, 4, mid June-mid July  
 910705 (6283) *Macaria sulfurea* (Packard, 1873). Resident, Divisions 1, 2, 3, late June-July  
 910706 (6284) *Macaria amboflava* (Ferguson, 1953). Unknown, Vernon Co., 3 July 1995  
 910707 (6294) *Macaria abruptata* (Walker, 1862). Resident, Divisions 4, 6, June-early July  
 910709 (6287) *Macaria anataria* (Swett, 1913). Division 2, early July  
 910710 (6287.1) *Macaria boreata* Ferguson, 2008. Unknown, Forest Co., 22 June 1995  
 910712 (6292) *Macaria exhauspicata* (Walker, 1861). Resident, Divisions 2, 4, 6, late June-July  
 910715 (6299) *Macaria coortaria* (Hulst, 1887). Resident, Statewide, late June-late July  
 910718 (6304) *Macaria bitactata* (Walker, 1862). Resident, Division 2, early June-mid July  
 910720 (6303) *Macaria subcessaria* (Walker, 1861). Resident, Statewide, late June-late July  
**910725 (6279) *Macaria occiduaria* (Packard, 1874). Resident, Divisions 2, 4, early July**  
**(6280) *Macaria andersoni* (Swett, 1916). Resident, Divisions 1, 2, July**  
 910726 (6282) *Macaria argillacearia* (Packard, 1874). Resident, Divisions 1, 2, 3, 4, late June-July  
 910727 (6278) *Macaria evagaria* (Hulst, 1900). Resident, Statewide, June-early July  
 910730 (6274) *Macaria ribearia* (Fitch, 1848). Resident, Statewide, late June-July  
 910733 (6290) *Macaria loricaria* (Eversmann, 1837). Resident, Divisions 2, 3, 4, late June-early July  
 910735 (6273) *Macaria pustularia* (Guenée, [1858]). Resident, Statewide, late June-mid August  
 910749 (6330) *Macaria notata* (Linnaeus, 1758). Resident, Divisions 1, 2, 3, 4, late May-August  
 910750 (6326) *Macaria aemulataria* (Walker, 1861). Resident, Statewide, mid May-August  
 910752 (6331) *Macaria promiscuata* (Ferguson, 1974). Unknown, Dane Co., 18 June 1957  
 910756 (6342) *Macaria bisignata* Walker, 1866. Resident, Statewide, mid May-mid August  
 910757 (6342.1) *Macaria masquerata* Ferguson, 2008. Resident, Statewide, mid May-mid August  
 910761 (6339) *Macaria transitaria* Walker, 1861. Resident, Divisions 2, 4, 5, 6, early June-mid August  
 910764 (6340) *Macaria minorata* Packard, 1873. Resident, Statewide, June-mid August  
 910765 (6343) *Macaria sexmaculata* Packard, 1867. Resident, Statewide, mid May-late August  
**910766 (6344) *Macaria signaria* (Hübner, 1809). Resident, Divisions 1, 2, 3, late May- July**  
**(6349) *Macaria marmorata* (Ferguson, 1972). Resident, Divisions 2, 4, mid June-July**  
**(6350) *Macaria submarmorata* (Walker, 1861). Resident, Divisions 2, 3, 4, mid June-July**  
 910767 (6347) *Macaria pinistrobata* Ferguson, 1972. Resident, Divisions 1, 2, 3, 4, 5, late May-July  
 910768 (6348) *Macaria fissinotata* (Walker, 1863). Resident, Divisions 1, 2, 3, late May-mid July  
 910769 (6351) *Macaria oweni* (Swett, 1907). Resident Statewide, late May-early July  
 910772 (6353) *Macaria multilineata* Packard, 1873. Resident, Divisions 4, 6, late May-August  
 910781 (6373) *Digrammia denticulata* (Grote, 1883). Resident, Divisions 4, 5, 6, June-late August  
 910787 (6410) *Digrammia pallidata* (Packard, 1873). Resident, Divisions 4, 6, mid May-June  
 910789 (6362) *Digrammia continuata* (Walker, 1862). Resident, Statewide, late May-early August  
 910802 (6386) *Digrammia ocellinata* (Guenée, [1858]). Resident, Divisions 3, 4, 5, 6, late May-August  
 910803 (6358) *Digrammia ordinata* (Walker, 1862). Resident, Divisions 4, 6, late May-mid August  
 910805 (6357) *Digrammia eremiata* (Guenée, [1858]). Resident, Divisions 4, 6, early May-late July  
 910806 (6357.1) *Digrammia equivocata* Ferguson, 2008. Resident, Division 4, June  
 910814 (6397) *Digrammia mellistrigata* (Grote, 1873). Resident, Divisions 1, 2, 3, 4, 5, mid May-late August  
 910816 (6399) *Digrammia subminiata* (Packard, 1874). Resident, Divisions 4, 5, 6, late May-early September  
 910817 (6396) *Digrammia neptaria* (Guenée, [1858]). Resident, Manitowoc Co., 12 June 1993  
 910822 (6405) *Digrammia gnophosaria* (Guenee, 1858). Resident, Statewide, early May-mid September  
 910824 (6407) *Rindgea nigricomma* (Warren, 1904). Stray, Dane Co., 3 October 1967

**GEOMETRIDAE: Ennominae: Boarmiini**

- 910842 (6428) *Orthofidonia tinctaria* (Walker, 1860). Resident, Division 2, May  
 910843 (6429) *Orthofidonia exornata* (Walker, 1862). Resident, Division 2, late May  
 910844 (6430) *Orthofidonia flavivenata* (Hulst, 1898). Resident, Division 2, mid May-early June  
 910845 (6431) *Hesperumia sulphuraria* Packard, 1873. Resident, Divisions 4, 5, mid July  
 910850 (6436) *Ematurga amitaria* (Guenée, [1858]). Resident, Divisions 2, 3, 4, late May-mid June  
 910853 (6439) *Hypomecis umbrosaria* (Hübner, [1813]). Unknown, Divisions 2, 4, mid June  
 910858 (6443) *Glenoides texanaria* (Hulst, 1888). Stray, Rock Co., 16 September 2012  
 910864 (6449) *Glena cribrataria* (Guenée, [1858]). Resident, Divisions 2, 3, June

- 910874 (6459) *Stenoporpia polygrammaria* (Packard, 1876). Unknown, Division 4, June  
 910898 (6486) *Tornos scolopacinaria* (Guenée, [1858]). Stray, Division 5, early May-late July  
 910988 (6570) *Aethalura intertexta* (Walker, 1860). Resident, Statewide, late April-mid June  
 911000 (6582) *Iridopsis vellivolata* (Hulst, 1881). Resident, Statewide, May-mid June  
 911001 (6583) *Iridopsis ephyraria* (Walker, 1860). Resident, Statewide, July-early August  
 911002 (6584) *Iridopsis humaria* (Guenée, [1858]). Resident, Statewide, May-August  
 911007 (6588) *Iridopsis larvaria* (Guenée, [1858]). Resident, Statewide, late May-early August  
 911009 (6590) *Anavitrinella pampinaria* (Guenée, [1858]). Resident, Statewide, mid May-early August  
 911013 (6594) *Cleora sublunaria* (Guenée, [1858]). Resident, Division 6, May  
 911014 (6595) *Cleora projecta* (Walker, 1860). Resident, Divisions 2, 4, May  
 911016 (6597) *Ectropis crepuscularia* (Denis & Schiffermüller, 1775). Resident, Statewide, mid April-mid July  
 911017 (6598) *Protoboarmia porcelaria* (Guenée, [1858]). Resident, Statewide, late May-early August  
 911018 (6599) *Epimecis hortaria* (Fabricius, 1794). Stray, Milwaukee Co., 7 July 1941, Door Co., 26 June 2002  
 911034 (6616) *Melanchroia chephise* (Cramer, 1782). Stray (single specimen), Dane Co., 18 October 2016

**GEOMETRIDAE: Ennominae: Melanolophiini**

- 911039 (6637) *Eufidonia convergaria* (Walker, 1860). Resident, Divisions 1, 2, 3, 4, 5, late May-early July  
 911041 (6639) *Eufidonia discospilata* (Walker, 1862). Resident, Divisions 1, 2, 3, 4, 5, late May-early July  
 911059 (6620) *Melanolophia canadaria* (Guenée, 1858). Resident, Statewide, late April-mid July  
 911060 (6621) *Melanolophia signataria* (Walker, 1860). Resident, Statewide, late April-June

**GEOMETRIDAE: Ennominae: Bistonini**

- 911062 (6640) *Biston betularia* (Linnaeus, 1758). Resident, Statewide, mid May-September  
 911072 (6651) *Lycia ursaria* (Walker, 1860). Resident, Statewide, early April-late May  
 911075 (6654) *Hypagyrtis unipunctata* (Haworth, 1809). Resident, Statewide, early June-late July  
 911077 (6656) *Hypagyrtis piniata* (Packard, 1870). Resident, Divisions 1, 2, 3, 4, June-July  
 911079 (6658) *Phigalia titea* (Cramer, 1780). Resident, Statewide, late March-early May  
 911081 (6660) *Phigalia strigataria* (Minot, 1869). Resident, Statewide, late March-early May  
 911083 (6662) *Paleacrita vernata* (Peck, 1795). Resident, Statewide, early March-early April  
 911084 (6663) *Paleacrita merricata* Dyar, 1903. Resident, Divisions 2, 4, 6, late March-mid April  
 911086 (6665) *Erannis tiliaria* (Harris, 1841). Resident, Statewide, late September-early November

**GEOMETRIDAE: Ennominae: Baptini**

- 911088 (6666) *Lomographa semiclarata* (Walker, 1866). Divisions 2, 3, 4, early May-June  
 911089 (6667) *Lomographa vestaliata* (Guenée, [1858]). Resident, Statewide, late May-June  
 911090 (6668) *Lomographa glomeraria* (Grote, 1881). Resident, Statewide, mid April-May

**GEOMETRIDAE: Ennominae: Caberini**

- 911098 (6677) *Cabera erythemaria* Guenée, [1858]. Resident, Statewide, late May-mid August  
 911099 (6678) *Cabera variolaria* Guenée, [1858]. Resident, Statewide, June-mid August  
 911101 (6680) *Cabera quadrifasciaria* (Packard, 1873). Resident, Division 6, June  
 911115 (6693) *Apodrepanulatrix liberaria* (Walker, 1860). Resident, Divisions 4, 6, late August-early September  
 911125 (6704) *Erastria coloraria* (Fabricius, 1798). Resident, Divisions 4, 5, 6, May-July

**GEOMETRIDAE: Ennominae: Angeronini**

- 911145 (6720) *Lyctosis unitaria* (Herrich-Schaffer, 1854). Resident, Statewide, late June-early July  
 911149 (6724) *Euchlaena serrata* (Drury, 1773). Resident, Statewide, late June-mid July  
 911151 (6726) *Euchlaena obtusaria* (Hubner, 1813). Resident, Statewide, late June-mid August  
 911153 (6728) *Euchlaena effecta* (Walker, 1860). Resident, Statewide, late June-mid July  
 911154 (6729) *Euchlaena johnsonaria* (Fitch, 1870). Resident, Statewide, late June-mid August  
 911156 (6731) *Euchlaena madusaria* (Walker, 1860). Resident, Divisions 2, 4, 6, June-mid August  
 911159 (6734) *Euchlaena marginaria* (Minot, 1869). Resident, Divisions 1, 2, 4, 5, late May-early July  
 911162 (6737) *Euchlaena tigrinaria* (Guenée, [1858]). Resident, Divisions 1, 2, 3, 4, mid June-early July  
 911163 (6738) *Euchlaena milnei* McDunnough, 1945. Resident, Grant, Richland, Sauk Cos., late June-early July  
 911164 (6739) *Euchlaena irraria* (Barnes & McDunnough, 1917). Resident, Divisions 1, 2, 3, 4, June-early July  
 911165 (6740) *Xanthotype urticaria* Swett, 1918. Resident, Statewide, late June-early August  
 911168 (6743) *Xanthotype sospeta* (Drury, 1773). Resident, Statewide, late June-mid August

**GEOMETRIDAE: Ennominae: Azelinini**

- 911179 (6748) *Pero anctetaria* (Hübner, 1806). Resident, Divisions 3, 4, 5, 6, mid May-early August  
 911182 (6753) *Pero honestaria* (Walker, 1860). Resident, Divisions 3, 4, 5, 6, mid May-early August  
 911183 (6755) *Pero morrisonaria* (Hy. Edwards, 1881). Resident, Statewide, late May-mid July

**GEOMETRIDAE: Ennominae: Nacophorini**

- 911191 (6763) *Phaeoura quernaria* (J. E. Smith, 1797). Resident, Statewide, mid May-mid August

**GEOMETRIDAE: Ennominae: Campaeini**

- 911226 (6796) *Campaea perlata* (Guenée, [1858]). Resident, Statewide, late May-September

**GEOMETRIDAE: Ennominae: Ennomini**

- 911227 (6797) *Ennomos magnaria* Guenée, [1858]. Resident, Statewide, August-early November  
 911229 (6798) *Ennomos subsignaria* (Hübner, [1823]). Resident, Statewide, late June-early September

**GEOMETRIDAE: Ennominae: Epirranthini**

- 911230 (6799) *Spodolepis substriataria* Hulst, 1896. Resident, Divisions 1, 2, late April-late May

**GEOMETRIDAE: Ennominae: Lithinini**

- 911236 (6804) *Petrophora subaequaria* (Walker, 1860). Resident, Statewide, May-mid June  
 911238 (6806) *Tacparia atropunctata* (Packard, 1874). Resident, Divisions 1, 2, 3, mid May-mid June  
 911239 (6807) *Tacparia deterrenta* (Guenée, 1858). Resident, Statewide, mid May-June  
 911240 (6815) *Gueneria similaria* (Walker, 1860). Unknown, Florence Co., 8 Jul. 1958, Outagamie Co., 12 Jun. 1992  
 911241 (6811) *Homochlodes lactispargaria* (Walker, 1861). Unknown, Division 4, mid May  
 911242 (6812) *Homochlodes fritillaria* (Guenée, 1858). Resident, Statewide, late May-June

**GEOMETRIDAE: Ennominae: Anagogini**

- 911249 (6817) *Selenia alciphearia* Walker, 1860. Resident, Divisions 1, 2, mid May-late June  
 911250 (6818) *Selenia kentaria* (Grote & Robinson, 1867). Resident, Divisions 1, 2, 6, May-early June  
 911251 (6819) *Metanema inatomaria* Guenée, [1858]. Resident, Statewide, June-mid August  
 911252 (6820) *Metanema determinata* Walker, 1866. Resident, Divisions 1, 2, 3, 4, 5, late May-early August  
 911254 (6822) *Metarranthis duaria* (Guenée, [1858]). Resident, Statewide, late May-late June  
 911255 (6823) *Metarranthis angularia* Barnes & McDunnough, 1917. Resident, Divisions 2, 4, 5, 6, late May-June  
 911256 (6824) *Metarranthis amyrisaria* (Walker, 1860). Resident, Divisions 2, 4, 5, late May-mid July  
 911257 (6825) *Metarranthis indeclinata* (Walker, 1861). Resident, Divisions 2, 3, 4, 5, late May-late June  
 911258 (6826) *Metarranthis hypochraria* (Herrich-Schäffer, [1854]). Resident, Statewide, late May-early July  
 911259 (6827) *Metarranthis refractaria* (Guenée, [1858]). Resident, Divisions 1, 2, 3, 4, 5, late May-late June  
 911260 (6821) *Metarranthis warnerae* (Harvey, 1874). Resident, Divisions 2, 3, 4, late May-late June  
 911268 (6835) *Cepphis armataria* (Herrich-Schäffer, [1855]). Resident, Statewide, mid June-mid July  
 911269 (6837) *Probole alienaria* (Herrich-Schäffer, [1855]). Resident, Statewide, mid May-late July  
 911270 (6838) *Probole amicaria* (Herrich-Schäffer, [1855]). Resident, Divisions 2, 3, 4, 6, late-May-early August  
 911272 (6840) *Plagodis serinaria* (Herrich-Schäffer, [1855]). Resident, Statewide, mid May-late June  
 911273 (6841) *Plagodis kuetzingi* (Grote, 1876). Resident, Statewide, late May-early July  
 911274 (6842) *Plagodis phlogosaria* (Guenée, [1858]). Resident, Statewide, late May-early July  
 911275 (6844.1) *Plagodis pulveraria* (Linnaeus, 1758). Resident, Statewide, mid May-early August  
 911276 (6843) *Plagodis fervidaria* (Herrich-Schäffer, [1855]). Resident, Statewide, mid May-early August  
 911277 (6844) *Plagodis alcoolaria* (Guenée, [1858]). Resident, Statewide, mid May-July

**GEOMETRIDAE: Ennominae: Ourapterygini**

- 911296 (6863) *Caripeta divisata* Walker, 1863. Resident, Divisions 1, 2, 3, mid June-late July  
 911297 (6864) *Caripeta piniata* (Packard, 1870). Resident, Divisions 1, 2, 3, 4, June-early July  
 911301 (6867) *Caripeta angustiorata* Walker, 1863. Resident, Divisions 1, 2, 3, 4, early July- early August  
 911323 (6884) *Besma endropiaria* (Grote & Robinson, 1867). Resident, Statewide, June  
 911324 (6885) *Besma quercivoraria* (Guenée, [1858]). Resident, Statewide, late May-mid August  
 911327 (6888) *Lambdina fiscellaria* (Guenée, [1858]). Resident, Statewide, late August-early October  
 911333 (6894) *Lambdina fervidaria* (Hübner, [1831]). Resident, Divisions 2, 4, late May-early July  
 911337 (6898) *Cingilia catenaria* (Drury, 1773). Resident, Statewide, early August-early October  
 911346 (6906) *Nepytia canosaria* (Walker, 1863). Resident, Statewide, late August-late September  
 911349 (6909) *Nepytia pellucidaria* (Packard, 1873). Resident, Divisions 1, 2, 3, September  
 911352 (6912) *Sicya macularia* (Harris, 1850). Resident, Statewide, late June-July

- 911384 (6941) *Eusarca confusaria* Hubner, 1813. Resident, Statewide, late June-late August  
 911400 (6963) *Tetracis crocallata* Guenee, 1858. Resident, Statewide, late May-June  
 911401 (6964) *Tetracis cachexiata* (Guenée, [1858]). Resident, Statewide, late May-early July  
 911413 (6965) *Eugonobapta nivosaria* (Guenée, [1858]). Resident, Statewide, early July-early August  
 911414 (6966) *Eutrapela clemataria* (J. E. Smith, 1797). Resident, Statewide, late April-mid June  
 911423 (6974) *Patelene olyzonaria* (Walker, 1860). Occasional stray, Dane, Rock Cos., early August-October  
 911432 (6982) *Prochoerodes lineola* (Goeze, 1781). Resident, Statewide, late June-early October  
 911437 (6987) *Antepione thisoaria* (Guenée, [1858]). Resident, Divisions 4, 6, June-late July

## Superfamily NOCTUOIDEA

### NOTODONTIDAE: Pygaerinae

- 930003 (7895) *Clostera albosigma* Fitch, 1856. Resident, Statewide, mid May-mid August  
 930004 (7896) *Clostera inclusa* (Hübner, [1831]). Resident, Divisions 2, 4, 5, early May-July  
 930006 (7898) *Clostera strigosa* (Grote, 1882). Resident, Statewide, early May-mid August  
 930008 (7900) *Clostera brucei* (Hy. Edwards, 1885). Resident, Divisions 1, 2, 4, late May-July  
 930009 (7901) *Clostera apicalis* (Walker, 1855). Resident, Statewide, late May-mid August

### NOTODONTIDAE: Notodontinae

- 930010 (7917) *Hyperaeschra georgica* Herrich-Schäffer, 1855). Resident, Statewide, late May-early August  
 930012 (7922) *Pheosia rimosa* Packard, 1864. Resident, Statewide, late May-mid August  
 930013 (7924) *Odontosia elegans* (Strecker, 1885). Resident, Statewide, late May-July  
 930015 (7926) *Notodonta scitipennis* Walker, 1862. Resident, Divisions 2, 3, 4, 6, late May-early July  
 930017 (7928) *Notodonta torva* (Hübner, 1803). Resident, Divisions 2, 3, 4, 6, late May-early August  
 930018 (7929) *Nerice bidentata* Walker, 1855. Resident, Statewide, mid May-early August  
 930019 (7931) *Gluphisia septentrionis* Walker, 1855. Resident, Statewide, late May-early August  
 930021 (7933) *Gluphisia avimacula* Hudson, 1891. Resident, Statewide, late April-May  
 930022 (7934) *Gluphisia lintneri* (Grote, 1877). Resident, Divisions 2, 3, 4, 6, April  
 930024 (7936) *Furcula borealis* (Guerin-Meneville, 1832). Resident, Statewide, late-May-early August  
 930025 (7937) *Furcula cinerea* (Walker, 1865). Resident, Statewide, late May-July  
 930027 (7939) *Furcula occidentalis* (Lintner, 1878). Resident, Statewide, late May-early August  
 930029 (7941) *Furcula modesta* (Hudson, 1891). Resident, Statewide, May-early August  
 930030 (7942) *Cerura scitiscrupta* Walker, 1865. Resident, Divisions 2, 3 late May-early July

### NOTODONTIDAE: Phalerinae

- 930033 (7902) *Datana ministra* (Drury, 1773). Resident, Statewide, mid June-late July  
 930034 (7903) *Datana angusii* Grote & Robinson, 1866. Resident, Divisions 3, 4, 6, late June-late July  
 930035 (7904) *Datana drexelii* Hy. Edwards, 1884. Historic, Milwaukee Co., 25 Jun 1936, Marathon Co., 26 June 1970  
 930037 (7906) *Datana contracta* Walker, 1855. Resident, Divisions 5, 6, late June-late July  
 930038 (7907) *Datana integerrima* Grote & Robinson, 1866. Resident, Divisions 5, 6, July  
 930039 (7908) *Datana perspicua* Grote & Robinson, 1865. Resident, Divisions 4, 5, 6, July  
 930046 (7915) *Nadata gibbosa* (J. E. Smith, 1797). Resident, Statewide, June-July  
 930048 (7919) *Peridea basitriens* (Walker, 1855). Resident, Divisions 1, 2, 3, late May-early July  
 930049 (7920) *Peridea angulosa* (J. E. Smith, 1797). Resident, Statewide, early June-early August  
 930050 (7921) *Peridea ferruginea* (Packard, 1864). Resident, Statewide, early June-early August  
 930051 (7930) *Ellida caniplaga* (Walker, 1856). Resident, Statewide, mid May-mid-July

### NOTODONTIDAE: Heterocampinae

- 930067 (7975) *Macrurocampa marthesia* (Cramer, [1780]). Resident, Divisions 4, 5, 6, mid-June-early August  
 930075 (7983) *Heterocampa obliqua* Packard, 1864. Resident, Divisions 4, 5, 6, July  
 930077 (7985) *Heterocampa subrotata* Harvey, 1874. Resident, Division 6, June-early July  
 930082 (7990) *Heterocampa umbrata* Walker, 1855. Resident, Divisions 1, 2, 3, June-late July  
 930086 (7994) *Heterocampa guttivitta* (Walker, 1855). Resident, Statewide, late May-June  
 930087 (7995) *Heterocampa biundata* Walker, 1855. Resident, Statewide, late may-early August  
 930090 (7998) *Lochmaeus manteo* Doubleday, 1841. Resident, Statewide, June-July  
 930091 (7999) *Lochmaeus bilineata* (Packard, 1864). Resident, Statewide, late May-early August  
 930098 (8005) *Schizura ipomoeae* Doubleday, 1841. Resident, Statewide, mid June-mid August

- 930099 (8006) *Schizura badia* (Packard, 1864). Resident, Divisions 2, 3, 5, 6, late June-mid July  
 930100 (8007) *Schizura unicornis* (J. E. Smith, 1797). Resident, Statewide, late May-early August  
 930102 (8009) *Schizura apicalis* (Grote & Robinson, 1866). Resident, Divisions 2, 4, 6, late June-mid July  
 930103 (8010) *Schizura concinna* (J. E. Smith, 1797). Resident, Divisions 1, 2, late June-early July  
 930104 (8011) *Schizura leptinoides* (Grote, 1864). Resident, Statewide, late May-early August  
 930105 (8012) *Oligocentria semirufescens* (Walker, 1855). Resident, Statewide, July  
 930110 (8017) *Oligocentria lignicolor* (Walker, 1855). Resident, Statewide, late June-early August  
 930115 (8022) *Hyparpax aurora* (J. E. Smith, 1797). Resident, Division 4, early June-early July
- NOTODONTIDAE: Nystaleinae**
- 930127 (7951) *Symmerista albifrons* (J. E. Smith, 1797). Resident, Door, Grant Cos., late July-early August  
 930128 (7952) *Symmerista canicosta* Franclemont, 1946. Resident, Statewide, mid June-mid July  
 930129 (7953) *Symmerista leucitys* Franclemont, 1946. Resident, Divisions 2, 3, 6, early June-mid July  
 930133 (7957) *Dasylophia anguina* (J. E. Smith, 1797). Resident, Divisions 3, 4, 5, 6, mid June-mid August  
 930134 (7958) *Dasylophia thyatiroides* (Walker, 1862). Resident, Door, Manitowoc Cos., late June-mid July
- EREBIDAE: Lymantriinae**
- 930141 (8318) *Lymantria dispar* (Linnaeus, 1758). Introduced, Statewide, late July-August  
 930145 (8293) *Dasychira dorsipennata* (Barnes & McDunnough, 1919). Resident, Statewide, late June-July  
 930145 (8294) *Dasychira vagans* (Barnes & McDunnough, 1913). Resident, Division 2, July  
 930148 (8296) *Dasychira basiflava* (Packard, 1864). Resident, Statewide, late June-early August  
 930152 (8300) *Dasychira cinnamomea* (Grote & Robinson, 1866). Resident, Statewide, mid July-late August  
 930154 (8302) *Dasychira obliquata* (Grote & Robinson, 1866). Resident, Statewide, mid July-mid August  
 930156 (8304) *Dasychira plagiata* (Walker, 1865). Resident, Statewide, early July-early August  
 930157 (8305) *Dasychira pinicola* (Dyar, 1911). Resident, Divisions 2, 3, 4, early June-July  
 930160 (8308) *Orgyia antiqua* (Linnaeus, 1758). Resident, Divisions 2, 3, late-July-August  
 930166 (8314) *Orgyia definita* Packard, 1864. Resident, Statewide, late August-September  
 930168 (8316) *Orgyia leucostigma* (J. E. Smith, 1797). Resident, Statewide, August-early October
- EREBIDAE: Arctiinae: Lithosiini**
- 930201 (8087) *Lycomorpha pholus* (Drury, 1773). Resident, Divisions 2, 3, 6, early July-early September  
 930204 (8089) *Hypoprepia miniata* (Kirby, 1837). Resident, Statewide, June-August  
 930205 (8090) *Hypoprepia fucosa* Hübner, [1831]. Resident, Statewide, July-August  
 930215 (8098) *Clemensia albata* Packard, 1864. Resident, Statewide, late June-early October  
**930217 (8043)** *Manulea bicolor* (Grote, 1864). Resident, Divisions 1, 2, 3, early July-early August  
 930219 (8045.1) *Crambidia pallida* Packard, 1864. Resident, Statewide, early July-August  
 930225 (8051) *Crambidia casta* (Packard, 1869). Resident, Divisions 3, 4, 6, late August-early September  
 930226 (8052) *Crambidia pura* Barnes & McDunnough, 1913. Resident, Divisions 4, 6, late June-early September
- EREBIDAE: Arctiinae: Arctiini**
- 930240 (8199)** *Apantesis arge* (Drury, 1773). Resident, Divisions 3, 4, 5, 6, early May-early September  
**930242 (8194)** *Apantesis phyllira* (Drury, 1773). Resident, Divisions 3, 4, 6, late May-early September  
**930244 (8197)** *Apantesis virgo* (Linnaeus, 1758). Resident, Statewide, mid July-mid August  
**930245 (8176)** *Apantesis anna* (Grote, 1864). Resident, Divisions 4, 6, mid June  
**930246 (8196)** *Apantesis parthenice* (Kirby, 1837). Resident, Statewide, August-early September  
**930247 (8175)** *Apantesis virguncula* (Kirby, 1837). Resident, Statewide, mid June-early July  
**930248 (8175.1)** *Apantesis speciosa* (Moschler, 1864). Resident, Divisions 1, 2, 3, 4, mid July-early August  
**930253 (8188)** *Apantesis figurata* (Drury, 1773). Resident, Division 6, mid May-early June  
**(8187)** *Apantesis celia* (Saunders, 1863). Resident, Divisions 2, 3, 4, mid May-mid June  
 930278 (8169) *Apantesis phalerata* (Harris, 1841). Resident, Divisions 3, 4, 5, 6, mid June-early September  
 930280 (8171) *Apantesis nais* (Drury, 1773). Resident, Statewide, mid May-late August  
 930281 (8171.1) *Apantesis carlotta* Ferguson, 1985. Resident, Division 6, late may-late August  
 930288 (8162) *Platarctia parthenos* (Harris, 1850). Resident, Divisions 1, 2, late may-June  
 930290 (8166) *Arctia caja* (Linnaeus, 1758). Resident, Divisions 1, 2, late July-early August  
 930294 (8114) *Virbia laeta* (Guérin-Méneville, 1844). Resident, Divisions 2, 4, late June-mid July  
 930297 (8118) *Virbia opella* (Grote, 1863). Resident, Divisions 2, 4, 6, late June-early August  
 930299 (8121) *Virbia aurantiaca* (Hübner, [1831]). Resident, Statewide, mid June-early September

- 930302 (8120) *Virbia lamae* (Freeman, 1941). Resident, Divisions 2, 3, 4, late June-early August
- 930306 (8123) *Virbia ferruginosa* (Walker, 1854). Resident, Statewide, late June-July
- 930307 (8124) *Virbia immaculata* (Reakirt, 1864). Resident, Division 2, early July-mid August
- 930309 (8134) *Spilosoma congrua* Walker, 1855. Resident, Statewide, late May-early August
- 930310 (8136) *Spilosoma dubia* (Walker, 1855). Resident, Division 2, late May-mid June
- 930311 (8133) *Spilosoma latipennis* Stretch, 1872. Resident, Statewide, June
- 930316 (8137) *Spilosoma virginica* (Fabricius, 1798). Resident, Statewide, mid May-mid August
- 930317 (8131) *Estigmene acrea* (Drury, 1773). Resident, Statewide, June-early August
- 930319 (8140) *Hyphantria cunea* (Drury, 1773). Resident, Statewide, mid May-early July
- 930323 (8146) *Hypercompe scribonia* (Stoll, [1790]). Resident, Divisions 4, 5, 6, June
- 930332 (8156) *Phragmatobia fuliginosa* (Linnaeus, 1758). Resident, Statewide, mid June-mid September
- 930333 (8157) *Phragmatobia lineata* Newman & Donahue, 1966. Resident, Divisions 5, 6, July
- 930334 (8158) *Phragmatobia assimilans* Walker, 1855. Resident, Divisions 1, 2, 3, 4, mid May-early June
- 930335 (8129) *Pyrrharctia isabella* (J. E. Smith, 1797). Resident, Statewide, early June-late July
- 930343 (8109) *Haploa reversa* (Stretch, 1885). Resident, Statewide, late June-July
- 930344 (8110) *Haploa contigua* (Walker, 1855). Resident, Divisions 2, 3, 4, 6, July
- 930345 (8111) *Haploa lecontei* (Guérin-Méneville, 1832). Resident, Statewide, late June-mid July
- 930346 (8112) *Haploa confusa* (Lyman, 1887). Resident, Divisions 1, 2, 3, 4, July
- 930348 (8106) *Utetheisa ornatrix* (Linnaeus, 1758). Historic stray, Divisions 5, 6, late July-August
- 930360 (8203) *Halysidota tessellaris* (J. E. Smith, 1797). Resident, Statewide, mid June-July
- 930370 (8211) *Lophocampa caryae* Harris, 1841. Resident, Divisions 5, 6, late May-late June
- 930373 (8214) *Lophocampa maculata* Harris, 1841. Resident, Divisions 1, 2, 3, 4, June
- 930402 (8229)** *Cycnia collaris* (Fitch, 1856). Resident, Divisions 4, 5, 6, June-August
- 930404 (8230) *Cycnia tenera* Hübner, 1818. Resident, Statewide, late May-July
- 930405 (8231) *Cycnia oregonensis* (Stretch, [1874]). Resident, Statewide, June-mid August
- 930412 (8238) *Euchaetes egle* (Drury, 1773). Resident, Statewide, early June-mid July
- 930429 (8254) *Pygarctia spraguei* (Grote, 1875). Resident, Division 4, late May-late June
- 930435 (8262) *Ctenucha virginica* (Esper, 1794). Resident, Statewide, early June-early July
- 930440 (8267) *Ciseps fulvicollis* (Hübner, [1818]). Resident, Statewide, late June-early October
- EREBIDAE: Herminiinae**
- 930469 (8322) *Idia americalis* (Guenée, 1854). Resident, Statewide, late June-September
- 930470 (8324) *Idia majoralis* (J. B. Smith, 1895). Resident, Divisions 3, 5, 6, July-early September
- 930471 (8323) *Idia aemula* Hübner, 1814. Resident, Statewide, late June-early October
- 930472 (8323.1) *Idia concisa* of authors, not (Walker, 1860). Resident, Statewide, July
- 930474 (8326) *Idia rotundalis* (Walker, 1866). Resident, Statewide, July-mid August
- 930475 (8327) *Idia forbesi* (French, 1894). Resident, Division 6, late June-mid July
- 930476 (8328) *Idia julia* (Barnes & McDunnough, 1918). Resident, Divisions 3, 5, 6, mid-July-mid August
- 930477 (8329) *Idia diminuendis* (Barnes & McDunnough, 1918). Resident, Divisions 2, 4, 6, mid July-early August
- 930478 (8330) *Idia scobialis* (Grote, 1880). Unknown, Waukesha Co., 9 August 1992
- 930481 (8333) *Idia denticulalis* (Harvey, 1875). Resident, Division 6, July
- 930482 (8334) *Idia lubricalis* (Geyer, 1832). Resident, Statewide, mid July-mid September
- 930487 (8338) *Phalaenophana pyramusalis* (Walker, 1859). Resident, Statewide, late May-early August
- 930489 (8340) *Zanclognatha lituralis* (Hubner, 1818). Resident, Divisions 2, 3, 4, late June-early July
- 930490 (8341) *Zanclognatha theralis* (Walker, 1859). Resident, Divisions 1, 2, late June-mid July
- 930492 (8345) *Zanclognatha laevigata* (Grote, 1872). Resident, Statewide, July-early August
- 930495 (8348) *Zanclognatha pedipalis* (Guenée, 1854). Resident, Statewide, early June-early August
- 930496 (8349) *Zanclognatha protumnusalis* (Walker, 1859). Resident, Divisions 2, 3, 5, 6, early June-July
- 930496.1 (8349.1) *Zanclognatha dentata* Wagner & McCabe, 2011. Resident, Statewide, early July-early August
- 930497 (8350) *Zanclognatha martha* Barnes, 1928. Resident, Divisions 1, 4, 6, mid June-mid July
- 930498 (8351) *Zanclognatha cruralis* (Guenée, 1854). Resident, Statewide, mid June-early July
- 930499 (8352) *Zanclognatha marcidilinea* (Walker, 1859). Resident, Statewide, mid July-early September
- 930500 (8353) *Zanclognatha jacchusalis* (Walker, 1859). Resident, Statewide, early July-August
- 930502 (8355) *Chytolita morbidalis* (Guenée, 1854). Resident, Statewide, June-early July
- 930505 (8361) *Macrochilo louisiana* (Forbes, 1922). Resident, Statewide, July-early August

- 930506 (8359) *Macrochilo bivittata* (Grote, 1877). Resident, Statewide, early July-mid August
- 930510 (8358) *Macrochilo litophora* (Grote, 1873). Resident, Divisions 3, 4, 5, 6, mid July
- 930511 (8360) *Macrochilo orciferalis* Walker, 1859. Resident, Statewide, July-early September
- 930512 (8362) *Phalaenostola metonalis* (Walker, 1859). Resident, Statewide, late June-mid August
- 930513 (8363) *Phalaenostola eumelusalis* (Walker, 1859). Resident, Divisions 4, 5, 6, late June-late July
- 930514 (8364) *Phalaenostola larentioides* Grote, 1873. Resident, Statewide, July-late August
- 930515 (8365) *Phalaenostola hanhami* (J. B. Smith, 1899). Resident, Statewide, early July-mid August
- 930516 (8366) *Tetanolita mynesalis* (Walker, 1859). Occasional migrant, Divisions 5, 6, mid August- mid October
- 930518 (8368) *Tetanolita floridana* (J. B. Smith, 1895). Occasional migrant, Divisions 5, 6, September-mid October
- 930520 (8370) *Bleptina caradrinalis* Guenée, 1854. Resident, Statewide, late June-early August
- 930530 (8379) *Renia factiosalis* (Walker, 1859). Resident, Divisions 4, 5, 6, mid July-late August
- 930536 (8384.1) *Renia flavipunctalis* (Geyer, 1832). Resident, Statewide, late June-early August
- 930539 (8387) *Renia sobrialis* (Walker, 1859). Resident, Divisions 1, 3, 4, 6, early July-early August
- 930547 (8393) *Lascoria ambigualis* Walker, 1866. Resident, Divisions 3, 4, 5, 6, late May-early August
- 930551 (8397) *Palthis angulalis* (Hübner, 1796). Resident, Statewide, late May-early August
- 930552 (8398) *Palthis asopialis* (Guenée, 1854). Unknown, Green Co., 23 Aug. 1996, Walworth Co., 23 Sept. 2007
- EREBIDAE: Pangraptinae**
- 930559 (8490) *Pangrapta decoralis* Hübner, 1818. Resident, Divisions 1, 2, 3, 4, early June-mid August
- 930560 (8491) *Ledaea perditalis* (Walker, 1859). Resident, Divisions 5, 6, late June-mid August
- EREBIDAE: Hypeninae**
- 930561 (8441) *Hypena manalis* Walker, 1859. Resident, Divisions 4, 5, 6, late July-early September
- 930562 (8442) *Hypena baltimoralis* (Guenée, 1854). Resident, Statewide, mid May-mid August
- 930564 (8443) *Hypena bijugalis* [Walker, 1859]. Resident, Statewide, late May-mid August
- 930565 (8444) *Hypena palparia* (Walker, 1861). Resident, Divisions 2, 4, 5, 6, June-mid July
- 930566 (8445) *Hypena abalienalis* Walker, [1859]. Resident, Statewide, June-late August
- 930567 (8446) *Hypena deceptalis* Walker, [1859]. Resident, Statewide, June-late August
- 930568 (8447) *Hypena madefactalis* Guenée, 1854. Resident, Divisions 5, 6, late May-early July
- 930570 (8448) *Hypena sordidula* Grote, 1872. Resident, Division 6, June-early August
- 930573 (8450) *Hypena atomaria* (J. B. Smith, 1903). Resident, Division 6, mid May-early August
- 930575 (8452) *Hypena edictalis* Walker, [1859]. Resident, Statewide, late June-early August
- 930580 (8457) *Hypena minualis* Guenée, 1854. Stray, Outagamie, Waukesha Cos., mid September-October
- 930584 (8461) *Hypena humuli* Harris, 1841. Resident, Statewide, mid April-early November
- 930588 (8465) *Hypena scabra* (Fabricius, 1798). Annual migrant, Statewide, late May-December
- 930589 (8455) *Hypena eductalis* Walker, [1859]. Resident, Statewide, July-August
- 930590 (8411) *Colobochoyla interpuncta* (Grote, 1872). Resident, Kenosha Co., early June
- 930591 (8412) *Melanomma auricinctaria* Grote, 1875. Resident, Divisions 5, 6, late June-early August
- EREBIDAE: Rivulinae**
- 930592 (8404) *Rivula propinqualis* Guenée, 1854. Resident, Statewide, late June-early September
- EREBIDAE: Scoliopteryginae**
- 930601 (8555) *Scoliopteryx libatrix* (Linnaeus, 1758). Resident, Statewide, April-early November
- 930602 (8545) *Anomis erosa* Hübner, 1821. Occasional migrant, Divisions 5, 6, late September-October
- 930608 (8551) *Anomis illita* Guenée, 1852. Historic migrant, Dane, Grant, Milwaukee Cos., late September-mid October
- 930611 (8554) *Alabama argillacea* (Hubner, 1823). Historic migrant, Divisions 2, 5, 6, late September-October
- EREBIDAE: Calpinae**
- 930612 (8536) *Calyptra canadensis* (Bethune, 1865). Resident, Statewide, late May-late August
- 930622 (8534) *Plusiodonta compressipalpis* Guenee, 1852. Resident, Divisions 5, 6, late May-mid August
- 930624 (8543) *Eudocima apta* (Walker, [1858]). Stray (one specimen), Ashland Co., 12 September 1993
- EREBIDAE: Scolecocampinae**
- 930637 (8514) *Scolecocampa liburna* (Geyer, 1837). Resident, Divisions 5, 6, July
- EREBIDAE: Hypenodinae**
- 930661 (8420) *Hypenodes caducus* (Dyar, 1907). Resident, Divisions 2, 3, 4, 5, 6, late June-August
- 930662 (8421) *Hypenodes fractilinea* (J. B. Smith, 1908). Resident, Divisions 2, 4, 5, 6, late June-August
- 930663 (8422) *Hypenodes palustris* Ferguson, 1954. Resident, Divisions 2, 3, 4, 5, late June-mid September

- 930664 (8423) *Hyphenodes sombrus* Ferguson, 1954. Resident, Divisions 2, 4, 5, early July-early September
- 930665 (8425) *Hyphenodes franclemonti* Ferguson, 1954. Division 2, late July-early August
- 930667 (8430) *Parahyphenodes quadralis* Barnes & McDunnough 1918. Resident, Divisions 1, 2, 6, late June-early August
- 930669 (8426) *Dyspyralis illocata* Warren, 1891. Resident, Division 6, late June-early August
- 930670 (8427) *Dyspyralis puncticosta* (J. B. Smith, 1908). Resident, Divisions 5, 6, late July-early August
- 930671 (8428) *Dyspyralis nigella* (Strecker, 1900). Resident, Divisions 3, 6, late June-mid July
- EREBIDAE: Boletobiinae**
- 930674 (8413) *Mycterophora inexplicata* (Walker, [1863]). Resident, Divisions 2, 3, late July-early August
- 930679 (8499) *Metalectra discalis* (Grote, 1876). Resident, Divisions 5, 6, late June-late August
- 930680 (8500) *Metalectra quadrisignata* (Walker, [1858]). Resident, Statewide, late June-mid August
- 930682 (8502) *Metalectra tantillus* (Grote, 1875). Resident, Jackson, Richland, Sauk Cos., late June-early August
- 930698 (9025) *Oruza albocostaliata* (Packard, 1876). Resident, Burnett, Dane, Grant, Pierce Cos., July-early September
- 930715 (8479) *Spargaloma sexpunctata* Grote, 1873. Resident, Statewide, late May-early September
- 930716 (8480) *Phytometra ernestinana* (Blanchard, 1840). Resident, Divisions 4, 5, 6, early May-late August
- 930717 (8481) *Phytometra rhodarialis* (Walker, 1859). Unknown, Milwaukee, 11 June 1967, Waukesha Co., 25 July 1981
- 930727 (9035) Hyperstrotia nana** (Hübner, 1818). Resident, Dane, Oneida Cos., late June-early July
- 930729 (9037) *Hyperstrotia pervertens* (Barnes & McDunnough, 1918). Resident, Ozaukee Co., 15 July 1983
- 930732 (9040) *Hyperstrotia secta* (Grote, 1879). Resident, Division 4, 5, 6, late June-mid August
- 930734 (8493) *Isogona tenuis* (Grote, 1872). Resident, Division 6, mid June-July
- EREBIDAE: Toxocampinae**
- 930754 (8466) *Tathorhynchus exsiccatu*s (Leder, 1855). Occasional stray, Divisions 5, 6, late May-September
- EREBIDAE: Erebiinae: Thermesiini**
- 930758 (8647) *Thysania zenobia* (Cramer, [1777]). Stray, Divisions 3, 5, early September-October
- 930759 (8649) *Ascalapha odorata* (Linnaeus, 1758). Occasional migrant, Statewide, early July-late September
- EREBIDAE: Erebiinae: Catocalini**
- 930760 (8769) *Spiloloma lunilinea* Grote, 1873. Resident, Grant, Richland Cos., June-mid August
- 930761 (8770) *Catocala innubens* Guenée, 1852. Resident, Divisions 5, 6, early July-late August
- 930762 (8771) *Catocala piatrix* Grote, 1864. Resident, Divisions 5, 6, late July-mid September
- 930764 (8773) *Catocala epione* (Drury, 1773). Resident, Divisions 5, 6, mid-July-mid August
- 930766 (8775) *Catocala antinympha* (Hübner, [1823]). Resident, Divisions 1, 2, 3, 4, late July-late September
- 930767b (8776) *Catocala badia coelebs* Grote, 1874. Resident, Divisions 1, 2, 3, late July-August
- 930768 (8778) *Catocala habilis* Grote, 1872. Resident, Divisions 5, 6, mid August-mid September
- 930770 (8783) *Catocala angusi* Grote, 1876. Stray (single specimen), La Crosse Co., 10 August 1941
- 930771 (8779) *Catocala serena* W. H. Edwards, 1864. Resident, Divisions 5, 6, late July-mid September
- 930772 (8781) *Catocala judith* Strecker, 1874. Resident, Divisions 5, 6, mid July-mid August
- 930773 (8784) *Catocala obscura* Strecker, 1873. Resident, Divisions 5, 6, early August-early September
- 930774 (8785) *Catocala residua* Grote, 1874. Resident, Divisions 5, 6, late July-mid September
- 930777 (8788) *Catocala resecta* Grote, 1872. Resident, Divisions 5, 6, mid August-mid September
- 930780 (8790) *Catocala dejecta* Strecker, 1880. Unknown, Crawford, Rock Cos., mid July-early September
- 930781 (8791) *Catocala insolabilis* Guenée, 1852. Recently established resident, Divisions 5, 6, mid July-mid August
- 930782 (8792) *Catocala vidua* (J. E. Smith, 1797). Resident, Divisions 5, 6, late August-mid September
- 930783 (8794) *Catocala lacrymosa* Guenée, 1852. Occasional stray, Divisions 3, 5, late July-mid August
- 930784 (8795) *Catocala palaeogama* Guenée, 1852. Resident, Divisions 5, 6, late July-mid September
- 930787 (8796) *Catocala nebulosa* W. H. Edwards, 1864. Resident, Division 6, August-early September
- 930788 (8797) *Catocala subnata* Grote, 1864. Resident, Divisions 5, 6, Late July-early September
- 930789 (8793) *Catocala maestosa* Hulst, 1884. Stray, Outagamie Co., 29 Aug. 1991, Milwaukee Co., 16 Sept. 2008
- 930790 (8798) *Catocala neogama* (J. E. Smith, 1797). Resident, Divisions 5, 6, late July-September
- 930792 (8801) *Catocala ilia* (Cramer, [1775]). Resident, Statewide, early July-mid September
- 930794 (8802) *Catocala cerogama* Guenée, 1852. Resident, Statewide, mid July-early September
- 930795 (8803) *Catocala relicta* Walker, [1858]. Resident, Statewide, late July-early October
- 930797 (8805) *Catocala unijuga* Walker, [1858]. Resident, Statewide, late July-mid September
- 930798 (8806) *Catocala parta* Guenée, 1852. Resident, Statewide, late July-mid September
- 930800 (8808) *Catocala luciana* Strecker, 1874. Unknown, Divisions 5, 6, late August-mid September
- 930804 (8817) *Catocala briseis* Edwards, 1864. Resident, Divisions 1, 2, 3, late July-mid September



- 930806 (8821) *Catocala semirelictica* Grote, 1874. Resident, Divisions 1, 2, 3, early August-early September  
 930807 (8822) *Catocala meskei* Grote, 1873. Resident, Divisions 3, 4, 5, 6, late July-late August  
 930809 (8829) *Catocala junctura* Walker, [1858]. Unknown, Sauk, Waukesha Cos., mid July  
 930812 (8832) *Catocala cara* Guenée, 1852. Resident, Divisions 3, 4, 5, 6, early August-mid September  
 930814 (8833) *Catocala concumbens* Walker, [1858]. Resident, Statewide, late July-late September  
 930815 (8834) *Catocala amatrix* (Hübner, [1813]). Resident, Divisions 3, 5, 6, early August-mid September  
 930826 (8840) *Catocala illecta* Walker, [1858]. Resident, Division 6, late June-early July  
 930827 (8841) *Catocala abbreviatella* Grote, 1872. Resident, Division 6, late June-mid July  
 930828 (8842) *Catocala nuptialis* Walker, [1858]. Resident, Division 6, August  
 930829 (8843) *Catocala whitneyi* Dodge, 1874. Resident, Divisions 4, 6, mid July-early August  
 930830 (8844) *Catocala amestris* Strecker, 1874. Resident, Divisions 4, 6, mid July-early August  
 930832 (8846) *Catocala sordida* Grote, 1877. Resident, Divisions 1, 2, 4, mid July-late August  
 930837 (8851) *Catocala coccinata* Grote, 1872. Resident, Statewide, mid July-mid August  
 930841 (8857) *Catocala ultronia* (Hübner, 1823). Resident, Statewide, mid July-early September  
 930844 (8863) *Catocala mira* Grote, 1876. Resident, Divisions 5, 6, early July-early August  
 930845 (8864) *Catocala grynea* (Cramer, [1779]). Resident, Statewide, late July-mid August  
 930846 (8858) *Catocala crataegi* Saunders, 1876. Resident, Divisions 5, 6, mid July-early August  
 930847 (8865) *Catocala praeclara praeclara* Grote & Robinson, 1866. Resident, Divisions 1, 2, 3, 4, late July-mid August  
 930847a (8865a) *Catocala praeclara manitoba* Beutenmüller, 1908. Unknown, Pierce Co., 16 July 1994  
 930851 (8867) *Catocala blandula* Hulst, 1884. Resident, Statewide, early July-early August  
 930853 (8872) *Catocala clintonii* Grote, 1864. Resident, Divisions 5, 6, late June-mid July  
 930855 (8873) *Catocala similis* W. H. Edwards, 1864. Resident, Statewide, mid July-early August  
 930856 (8874) *Catocala minuta* W. H. Edwards, 1864. Resident, Division 6, mid July  
 930857 (8876) *Catocala micronympha* Guenée, 1852. Resident, Divisions 4, 5, 6, early July-early August  
 930858 (8877) *Catocala connubialis* Guenée, 1852. Resident, Divisions 2, 4, 5, 6, mid July-late August  
 930859 (8878) *Catocala amica* (Hübner, 1818). Resident, Statewide, mid July-late August  
 930860 (8878.1) *Catocala lineella* Grote, 1872. Resident, Divisions 2, 3, 4, 5, 6, late July-late August

**EREBIDAE: Erebinæ: Melipotini**

- 930862 (8591) *Phoberia atomaris* Hübner, 1818. Resident, Divisions 4, 5, 6, mid April-mid May  
 930863 (8591.1) *Phoberia ingenua* (Walker, 1858). Resident, Divisions 4, 6, mid April-mid May  
 930864 (8592) *Cissusa spadix* (Cramer, [1780]). Migrant, Divisions 3, 4, 5, 6, April-mid May  
 930869 (8598) *Melipotis perpendicularis* (Guenée, 1852). Stray (single specimen), Door Co., 28 July 1995  
 930878 (8607) *Melipotis jucunda* (Hübner, 1818). Stray (single specimen), Rock Co., 23 October 2012  
 930891 (8618) *Drasteria graphica* Hübner, 1818. Resident, Divisions 1, 2, 3, 4, 6, mid May-mid June  
 930910 (8636) *Drasteria adumbrata* (Behr, 1870). Resident, Portage Co., 9 June 1959; Marinette Co., 24 June 1995  
 930915 (8641) *Drasteria grandirena* (Haworth, 1909). Resident, Door, Jackson, Marathon, Marinette Cos., June

**EREBIDAE: Erebinæ: Euclidiini**

- 930923 (8738) *Caenurgina crassiuscula* (Haworth, 1809). Annual migrant, Statewide, late April-September  
 930924 (8739) *Caenurgina erechtea* (Cramer, [1780]). Annual migrant, Statewide, late April-early November  
 930929 (8731) *Euclidia cuspeida* (Hübner, 1818). Resident, Statewide, mid May-June  
 930934 (8751) *Ptichodis bistrigata* Hübner, 1818. Unknown (single specimen), Grant Co., 15 May 1982  
 930938 (8733) *Caenurgina chloropha* (Hübner, 1818). Occasional stray, Divisions 5, 6, late September-October  
 930940 (8747) *Celiptera frustulum* Guenée, 1852. Resident, Division 6, late May-late August  
 930942 (8743) *Mocis latipes* (Guenée, 1852). Occasional stray, Divisions 2, 3, 5, mid September-mid October  
 930944 (8745) *Mocis texana* (Morrison, 1875). Occasional migrant, Divisions 4, 5, 6, late May-early October

**EREBIDAE: Erebinæ: Poaphilini**

- 930956 (8764) *Argyrostromis anilis* (Drury, 1773). Resident, Statewide, late June-early July  
 930961 (8727) *Parallelia bistrariis* Hübner, 1818. Resident, Statewide, late May-mid August

**EREBIDAE: Erebinæ: Omopterini**

- 930970 (8651) *Lesmone detrahens* (Walker, 1858). Unknown, Dane, Grant, Kenosha, La Crosse Cos., late July-late August  
 931023 (8689) *Zale lunata* (Drury, 1773). Annual migrant, Statewide, early July-mid November  
 931026 (8692) *Zale galbanata* (Morrison, 1876). Resident, Statewide, early May-early August  
 931029 (8694) *Zale aeruginosa* (Guenée, 1852). Resident, Divisions 1, 2, 3, 4, late May-early June  
 931030 (8695) *Zale undularis* (Drury, 1773). Resident, Statewide, late May-June

- 931032 (8697) *Zale minerea* (Guenée, 1852). Resident, Statewide, May-early June
- 931033 (8698) *Zale phaeocapna* Franclemont, 1950. Resident, Divisions 2, 3, 6, May
- 931034 (8699) *Zale obliqua* (Guenée, 1852). Resident, Divisions 2, 4, 6, May-early June
- 931037 (8702) *Zale submediana* Strand, 1917. Resident, Divisions 2, 3, 4, early May-early June
- 931038 (8703) *Zale duplicata* (Bethune, 1865). Resident, Divisions 1, 2, 3, 4, 6, late April-early June
- 931039 (8704) *Zale helata* (J. B. Smith, 1908). Resident, Statewide, mid May-early June
- 931042 (8707) *Zale metatoides* McDunnough, 1943. Resident, Divisions 1, 2, 4, 6, early May-early June
- 931048 (8713) *Zale intenta* (Walker, [1858]). Resident, Statewide, May
- 931052 (8716) *Zale unilineata* (Grote, 1876). Resident, Statewide, late April-May
- 931053 (8717) *Zale horrida* Hübner, 1819. Resident, Statewide, late May-late June
- 931055 (8719) *Euparthenos nubilis* (Hübner, 1823). Resident, Statewide, early June-early August
- 931060 (9818) *Amolita fessa* Grote, 1874. Resident, Divisions t 3, 4, 5, 6, late June-mid July
- EREBIDAE: Eulepidotinae**
- 931077 (8574) *Anticarsia gemmatalis* Hübner, 1818. Occasional migrant, Statewide, October-early November
- 931089 (8587) *Panopoda rufimargo* (Hübner, 1818). Resident, Divisions 2, 4, 5, 6, late June-late July
- 931090 (8588) *Panopoda carneicosta* Guenée, 1852. Resident, Divisions 5, 6, July
- EUTELIDAE: Euteliinae**
- 931103 (8955) *Marathyssa inficita* (Walker, 1865). Resident, Divisions 5, 6, early June-mid August
- 931104 (8956) *Marathyssa basalis* Walker, 1865. Resident, Divisions 5, 6, May
- 931106 (8957) *Paectes oculatrix* (Guenée, 1852). Resident, Divisions 3, 4, 5, 6, early June-early July
- NOLIDAE: Nolinae**
- 931121 (8983) *Meganola minuscula* (Zeller, 1872). Resident, Divisions 4, 5, 6, mid May-early August
- 931122 (8983.1) *Meganola phylla* (Dyar, 1898). Resident, Divisions 4, 5, 6, May, July
- 931123 (8983.2) *Meganola spodia* Franclemont, 1985. Divisions 4, 5, late June-late July
- 931130 (8990) *Nola cilicoides* (Grote, 1873). Resident, Statewide, early June-early August
- 931132 (8992) *Nola triquetrana* (Fitch, 1856). Resident, Divisions 3, 4, May
- 931135 (8995) *Nola ovilla* Grote, 1875. Resident, Dane, Outagamie Cos., 27 May 1993
- NOLIDAE: Chloephorinae**
- 931141 (8974) *Garella nilotica* (Rogenhofer, 1881). Resident, Divisions 5, 6, July-August
- 931142 (8975) *Nycteola frigidana* (Walker, 1863). Resident, Division 2, late April-May
- 931144 (8977) *Nycteola cinereana* Neumögen & Dyar, 1893. Resident, Division 3, late July
- 931145 (8978) *Nycteola metaspilella* (Walker, 1866). Resident, Dane, Rock, Waukesha Cos., mid May-June, late August
- NOLIDAE: Risobinae**
- 931148 (8969) *Baileya doubledayi* (Guenée, 1852). Resident, Statewide, mid May-early August
- 931149 (8970) *Baileya ophthalmica* (Guenée, 1852). Resident, Statewide, late May-June
- 931150 (8971) *Baileya dormitans* (Guenée, 1852). Resident, Statewide, mid May-early July
- 931152 (8972) *Baileya levitans* (J. B. Smith, 1906). Resident, Divisions 5, 6, mid May-late July
- 931154 (8973) *Baileya australis* (Grote, 1881). Resident, Division 6, late June-mid August
- NOCTUIDAE: Plusiinae: Abrostolini**
- 931161 (8880) *Abrostola ovalis* Guenée, 1852. Resident, Divisions 4, 5, 6, late May-late July
- 931162 (8881) *Abrostola urentis* Guenée, 1852. Resident, Statewide, late May-late August
- NOCTUIDAE: Plusiinae: Argyrogrammatini**
- 931166 (8885) *Argyrogramma verruca* (Fabricius, 1794). Stray (single specimen), Milwaukee Co., 20 September 1912
- 931168 (8887) *Trichoplusia ni* (Hübner, [1803]). Periodic migrant, Divisions 3, 4, 5, 6, mid July-September
- 931169 (8889) *Ctenoplusia oxygramma* (Geyer, 1832). Periodic migrant, Divisions 3, 5, 6 late August-early October
- NOCTUIDAE: Plusiinae: Plusiini**
- 931170 (8890) *Chrysodeixis includens* (Walker, [1858]). Periodic migrant, Divisions 3, 4, 5, 6, September
- 931176 (8895) *Rachiplusia ou* (Guenée, 1852). Periodic migrant, Statewide, late August--mid October
- 931177 (8898) *Allagrapha aerea* (Hübner, 1802-03). Resident, Statewide, mid June-mid-September
- 931178 (8896) *Diachrysis aereoides* (Grote, 1864). Resident, Divisions 1, 2, 3, 4, July-early August
- 931179 (8897) *Diachrysis balluca* Geyer, 1832. Resident, Statewide, July-mid August

- 931184 (8899) *Pseudeva purpurigera* (Walker, 1858). Resident, Statewide, late June-late July  
 931186 (8904) *Chrysanympa formosa* (Grote, 1865). Resident, Divisions 1, 2, 3, 4, late June-July  
 931187 (8905) *Eosporopteryx thyatyroides* (Guenée, 1852). Resident, Statewide, July-late August  
 931188 (9021) *Exyra fax* (Grote, 1873). Resident, Bayfield, Langlade, Ozaukee Cos., late June-early August  
 931191 (8908) *Autographa precationis* (Guenée, 1852). Resident, Statewide, late May-early October  
 931193 (8914) *Autographa californica* (Speyer, 1875). Stray, Divisions 2, 4, 5, late August  
 931194 (8912) *Autographa mappa* (Grote & Robinson, 1868). Resident, Division 2, late June-early July  
 931200 (8911) *Autographa bimaculata* (Stephens, 1830). Resident, Divisions 1, 2, 3, July  
 931204 (8923) *Autographa ampla* (Walker, 1858). Resident, Divisions 1, 2, 3, July  
 931206 (8909) *Autographa rubidus* Ottolengui, 1902. Resident, Division 2, June  
 931208 (8916) *Autographa flagellum* (Walker, [1858]). Resident, Bayfield Co., 11 July 1994; Iron Co., 3 July 2000  
 931209 (8907) *Megalographa biloba* (Stephens, 1830). Periodic migrant, Statewide, late April-mid September  
 931210 (8925) *Syngrapha altera* (Ottolengui, 1902). Unknown, Bayfield Co., 8 July 1984  
 931212 (8926) *Syngrapha octoscripta* (Grote, 1874). Resident, Divisions 1, 2, 3, early July-late August  
 931213 (8929) *Syngrapha viridisigma* (Grote, 1874). Resident, Divisions 1, 2, 3, late July-August  
 931214 (8928) *Syngrapha selecta* (Walker, [1858]). Resident, Divisions 1, 2, mid July-August  
 931215 (8927) *Syngrapha epigaea* (Grote, 1875). Resident, Divisions 1, 2, 3, mid July-August  
 931224 (8940) *Syngrapha abstrusa* Eichlin & Cunningham, 1978. Resident, Division 2. July  
 931225 (8939) *Syngrapha alias* (Ottolengui, 1902). Resident, Division 2, July  
 931226 (8941) *Syngrapha cryptica* Eichlin & Cunningham, 1978. Resident, Divisions 1, 2, July  
 931227 (8942) *Syngrapha rectangula* (W. Kirby, 1837). Resident, Divisions 1, 2, 3, July-mid August  
 931230 (8946) *Syngrapha microgamma* (Hübner, 1823). Resident, Divisions 1, 2, June  
 931231 (8945) *Syngrapha montana* (Packard, 1869). Resident, Forest, Marathon Cos., early June  
 931234 (8924) *Anagrapha falcifera* (W. Kirby, 1837). Resident, Statewide, late May-mid October  
 931235 (8953) *Plusia venusta* Walker, 1865. Resident, Statewide, mid June-early September  
 931236 (8950) *Plusia putnami* Grote, 1873. Resident, Divisions 2, 4, mid June-early July  
 931238 (8951.1) *Plusia magnimacula* D. & L. Handfield, 2006. Resident, Divisions 1, 2, 3, 4, mid June-early September  
 931239 (8952) *Plusia contexta* Grote, 1873. Resident, Divisions 3, 4, 5, 6, early June-mid September

**NOCTUIDAE: Bagisarinae**

- 931241 (9169) *Bagisara rectifascia* (Grote, 1874). Resident, Division 4, late June-mid August  
 931247 (9175) *Bagisara gulnare* (Strecker, 1880). Resident, Dane, Green, Rock Cos., mid-July-August  
 931253 (9070) *Amyna stricta* (Walker, 1858). Occasional stray, Divisions 3, 4, 5, 6, late August-early October

**NOCTUIDAE: Eustrotiinae**

- 931284 (9044) *Marimatha nigrofimbria* (Guenée, 1852). Stray, Divisions 3, 6, September  
 931289 (9046) *Deltote bellicula* (Hübner, 1818). Resident, Statewide, late May-early August  
 931290 (9047) *Protodeltote muscosa* (Guenée, 1852). Resident, Statewide, June-mid August  
 931291 (9048) *Protodeltote albidula* (Guenée, 1852). Resident, Statewide, late June-mid August  
 931292 (9051) *Lithacodia musta* (Grote & Robinson, 1868). Resident, Divisions 4, 5, 6, late June-early September  
 931295 (9049) *Maliattha synochitis* (Grote & Robinson, 1868). Resident, Statewide, early June-early August  
 931296 (9050) *Maliattha concinnimacula* (Guenée, 1852). Resident, Forest, Marinette, Oneida, Vilas Cos., early June  
 931297 (9059) *Capis curvata* Grote, 1882. Resident, Statewide, mid June-early August

**NOCTUIDAE: Acontiinae**

- 931308 (9085) *Ponometia semiflava* (Guenée, 1852). Unknown, Outagamie, Waushara Cos., late May-early July  
 931312 (9088) *Ponometia virginalis* (Grote, 1881). Unknown (two specimens), Sauk Co., 3 August 1987  
 931313 (9089) *Ponometia binocula* (Grote, 1875). Resident, Divisions 4, 5, 6, late May-mid August  
 931314 (9090) *Ponometia candefacta* (Hübner, [1831]). Resident, Statewide, late May-mid August  
 931319 (9095) *Ponometia erastrioides* (Guenée, 1852). Resident, Statewide, Statewide, June-mid August  
 931326 (9101) *Ponometia tortricina* (Zeller, 1872). Resident, Monroe, Waukesha Cos., early June-late August  
 931343 (9136) *Tarache aprica* (Hübner, [1808]). Unknown, Dane, Kenosha, Rock, Waushara Cos., August  
 931351 (9145) *Tarache terminimaculata* Grote, 1873. Unknown, Grant, Sauk Cos., late June-late July  
 931387 (9127) *Spraguea leo* (Guenée, 1852). Resident, Crawford, Dane, Lafayette, Rock Cos., August

**NOCTUIDAE: Pantheinae**

- 931396 (9182) *Panthea furcilla* (Packard, 1864). Resident, Statewide, late May-mid August  
 931398 (9177) *Panthea acronyctoides* (Walker, 1861). Resident, Divisions 2, 3, 4, late May-mid August

- 931400 (9184) *Colocasia flavicornis* (J. B. Smith, 1884). Resident, Division 2, 3, 4, early May-mid June  
 931401 (9185) *Colocasia propinquilina* (Grote, 1873). Resident, Statewide, mid May-mid June  
 931406 (9189) *Charadra deridens* (Guenée, 1852). Resident, Statewide, late May-mid August  
**NOCTUIDAE: Raphiinae**  
 931412 (9193) *Raphia frater* Grote, 1864. Resident, Statewide, late May-mid August  
**NOCTUIDAE: Balsinae**  
 931417 (9662) *Balsa malana* (Fitch, 1856). Resident, Divisions 3, 4, 5, 6, mid May-early August  
 931418 (9663) *Balsa tristrigella* (Walker, 1866). Resident, Divisions 4, 5, 6, late May-late June  
 931419 (9664) *Balsa labecula* (Grote, 1880). Resident, Statewide, mid May-June  
**NOCTUIDAE: Acronictinae**  
 931420 (9199) *Acronicta rubricoma* Guenée, 1852. Resident, Division 6, late May- July  
 931421 (9200) *Acronicta americana* (Harris, 1841). Resident, Statewide, June-July  
 931424 (9203) *Acronicta dactylina* Grote, 1874. Resident, Statewide, mid June-July  
 931425 (9205) *Acronicta lepusculina* Guenée, 1852. Resident, Statewide, late May-mid July  
 931427 (9206) *Acronicta vulpina* (Grote, 1883). Resident, Divisions 1, 2, 3, 4, late May-late July  
 931428 (9207) *Acronicta innotata* Guenée, 1852. Resident, Statewide, late May-mid August  
 931429 (9208) *Acronicta betulae* Riley, 1884. Resident, Division 6, late May-early August  
 931430 (9209) *Acronicta radcliffei* (Harvey, 1875). Resident, Divisions 2, 6, mid May-June  
 931432 (9211) *Acronicta tritona* (Hübner, 1818). Resident, Divisions 1, 2, 4, late May-early August  
 931433 (9212) *Acronicta grisea* Walker, 1856. Resident, Divisions 1, 2, 3, 4, late May-early August  
 931434 (9214) *Acronicta falcula* (Grote, 1877). Resident, Divisions 4, 6, late May-mid August  
 931436 (9219) *Acronicta connecta* Grote, 1873. Resident, Divisions 4, 5, 6, July-mid August  
 931438 (9221) *Acronicta funeralis* Grote & Robinson, 1866. Resident, Statewide, late May-July  
 931441 (9224) *Acronicta quadrata* Grote, 1874. Resident, Division 2, late May-late June  
 931442 (9225) *Acronicta vinnula* (Grote, 1864). Resident, Divisions 3, 4, 5, 6, late May-late July  
**931442.1 (9281)** *Acronicta fallax* (Herrich-Schäffer, 1854). Resident, Statewide, late May-mid August  
 931443 (9226) *Acronicta superans* Guenée, 1852. Resident, Statewide, late May-mid July  
 931444 (9227) *Acronicta laetifica* J. B. Smith, 1897. Resident, Statewide, late May-early July  
 931445 (9229) *Acronicta hasta* Guenée, 1852. Resident, Statewide, late May-early August  
 931452 (9235) *Acronicta spinigera* Guenée, 1852. Resident, Statewide, late May-late August  
 931453 (9236) *Acronicta morula* Grote & Robinson, 1868. Resident, Statewide, late May-July  
 931454 (9237) *Acronicta interrupta* Guenée, 1852. Resident, Divisions 2, 4, 6, mid May-mid August  
 931455 (9238) *Acronicta lobeliae* Guenée, 1852. Resident, Statewide, mid May-early August  
 931458 (9241) *Acronicta fragilis* (Guenée, 1852). Resident, Divisions 1, 2, 3, 4, late May-June  
 931463 (9243) *Acronicta ovata* Grote, 1873. Resident, Divisions 4, 5, 6, late June-late July  
 931464 (9242) *Acronicta exilis* Grote, 1874. Resident, Divisions 4, 5, 6, June-early August  
 931465 (9244) *Acronicta modica* Walker, 1856. Resident, Divisions 4, 5, 6, early June-early July  
 931466 (9245) *Acronicta haesitata* (Grote, 1882). Resident, Statewide, late May-early July  
 931467 (9249) *Acronicta increta* Morrison, 1874. Resident, Statewide, late May-early July  
 931469 (9247) *Acronicta tristis* J. B. Smith, 1911. Resident, Statewide, June-early August  
 931470 (9251) *Acronicta retardata* (Walker, 1861). Resident, Statewide, late May-early August  
 931471 (9254) *Acronicta afflictata* Grote, 1864. Resident, Statewide, late May-mid August  
 931474 (9257) *Acronicta impleta* Walker, 1856. Resident, Statewide, late May-early July  
 931475 (9258) *Acronicta sperata* Grote, 1873. Resident, Divisions 2, 4, late May-late June  
 931476 (9259) *Acronicta noctivaga* Grote, 1864. Resident, Divisions 1, 2, 3, 4, late May-late June  
 931477 (9261) *Acronicta impressa* Walker, 1856. Resident, Statewide, early May-early August  
 931478 (9264) *Acronicta longa* Guenée, 1852. Resident, Divisions 2, 4, late May-late June  
 931480 (9266) *Acronicta lithospila* Grote, 1874. Resident, Divisions 4, 6, early June-mid August  
 931485 (9272) *Acronicta oblinita* (J. E. Smith, 1797). Resident, Statewide, early May-early August  
 931488 (9274) *Acronicta lanceolaria* (Grote, 1875). Resident, Burnett, Douglas Cos., late May-early June  
 931492 (9277) *Acronicta dollii* (Barnes & McDunnough, 1918). Resident, Adams, Burnett, Jackson Cos., mid May  
 931493 (9280) *Simyra insularis* (Herrich-Schäffer, 1868). Resident, Statewide, mid May-mid September  
 931498 (9286) *Harrisimemna trisignata* (Walker, 1856). Resident, Statewide, mid June-early August

- 931500 (9061) *Cerma cora* Hübner, 1818. Resident, Divisions 2, 4, 5, 6, mid May-early June
- 931501 (9062) *Cerma cerintha* (Treitschke, 1826). Resident, Divisions 3, 4, 5, 6, early June-early July
- NOCTUIDAE: Cuculliinae**
- 931504 (10200) *Cucullia asteroides* Guenée, 1852. Resident, Statewide, mid July-early August
- 931507 (10199) *Cucullia omissa* Dod, 1916. Resident, Marathon Co., 15 July 1988; Vilas Co., 22 July 1993
- 931508 (10197) *Cucullia florea* Guenée, 1852. Resident, Divisions 2, 3, mid June-mid July
- 931509 (10198) *Cucullia postera* Guenée, 1852. Resident, Division 2, July
- 931513 (10202) *Cucullia convexipennis* Grote & Robinson, 1868. Resident, Divisions 1, 2, 4, 6, July-early August
- 931514 (10194) *Cucullia intermedia* Speyer, 1870. Resident, Divisions 2, 3, late May-early July
- 931516 (10190) *Cucullia speyeri* Lintner, 1874. Resident, Divisions 2, 6, late June-mid July
- NOCTUIDAE: Amphipyrinae: Amphipyriini**
- 931544 (9638) *Amphipyra pyramidoides* Guenée, 1852. Resident, Statewide, early August-late October
- 931545 (9639) *Amphipyra tragopoginis* (Clerck, 1759). Resident, Statewide, mid July-early September
- 931546 (9640) *Amphipyra glabella* (Morrison, 1874). Resident, Statewide, July
- NOCTUIDAE: Amphipyrinae: Psaphidini**
- 931548 (10019) *Psaphida resumens* Walker, 1865. Resident, Divisions 4, 5, 6, late March-late April
- 931549 (10020) *Psaphida thaxterianus* (Grote, 1874). Resident, Divisions 4, 6, late March-early April
- 931550 (10014) *Psaphida rolandi* (Grote, 1874). Resident, Statewide, late March-late April
- 931551 (10013) *Psaphida grandis* (J. B. Smith, 1898). Resident, Divisions 4, 5, 6, late March-late April
- 931552 (10012) *Psaphida electilis* (Morrison, 1875). Resident, Divisions 5, 6, April
- 931553 (10016) *Psaphida styracis* (Guenée, 1852). Resident, Divisions 4, 6, late March-mid April
- 931557 (10021) *Copivaleria grotei* (Morrison, 1874). Resident, Statewide, early April-early May
- 931558 (10011) *Brachionychna borealis* (J. B. Smith, 1899). Resident, Divisions 2, 4, 6, early April-early May
- 931561 (10005) *Feralia jocosa* (Guenée, 1852). Resident, Divisions 1, 2, April
- 931563 (10007) *Feralia major* J. B. Smith, 1890. Resident, Divisions 2, 4, early April-early May
- 931564 (10008) *Feralia comstocki* Grote, 1874. Resident, Statewide, late April-early June
- NOCTUIDAE: Amphipyrinae: Stiriini**
- 931651 (9748) *Plagiomimicus spumosum* (Grote, 1874). Historic (single specimen), Dane Co., 12 August 1962
- 931661 (9754) *Plagiomimicus pityochromus* Grote, 1873. Resident, Divisions 5, 6, August
- 931681 (9766) *Cirrhophanus triangulifer* Grote, 1872. Historic (single specimen), Dane Co., 12 August 1965
- 931724 (9725) *Azenia obtusa* (Herrich-Schäffer, 1854). Resident, Division 6, July
- NOCTUIDAE: Oncocneminae**
- 931765 (10033) *Catabena lineolata* Walker, 1865. Resident, Divisions 4, 5, 6, late May-mid August
- 931771 (10177) *Calophasia lunula* (Hufnagel, 1766). Introduced, Divisions 3, 6, August
- 931797 (10154) *Sympistis perscripta* (Guenée, 1852). Resident, Adams, Jackson Cos., late May-early June
- 931800 (10099) *Sympistis saundersiana* (Grote, 1876). Resident, Monroe Co., 23 August 1996
- 931810 (10108) *Sympistis viriditincta* (J. B. Smith, 1894). Resident, Division 4, late August-early September
- 931821 (10059) *Sympistis badistriga* (Grote, 1872). Resident, Divisions 3, 4, 5, 6, late June-early July
- 931823 (10066.1) *Sympistis dinalda* (Smith, 1908). Resident, Divisions 2, 3, 4, late June-early July
- 931875 (10135) *Sympistis riparia* (Morrison, 1875). Resident, Divisions 1, 3, 4, 6, late June-late July
- 931906 (10067)** *Sympistis chionanthi* (J. E. Smith, 1797). Resident, Division 6, late August-mid September
- 931906.1(10067.1)** *Sympistis forbesi* Zacharczenko & Wagner, 2014. Resident, Buffalo Co., 12 August 2015
- 931909 (10123) *Sympistis piffardi* (Walker, 1862). Resident, Douglas Co., 11 August 1993
- 931911 (10055) *Sympistis dentata* (Grote, 1875). Resident, Divisions 1, 2, 4, early July-August
- NOCTUIDAE: Agaristinae**
- 931964 (9299) *Eudryas unio* (Hübner, [1831]). Resident, Divisions 5, 6, mid June-mid August
- 931966 (9301) *Eudryas grata* (Fabricius, 1793). Resident, Divisions 5, 6, mid June-mid July
- 931975 (9309) *Psychomorpha epimenis* (Drury, 1782). Resident, Divisions 5, 6, mid April-early May
- 931979 (9314) *Alypia octomaculata* (Fabricius, 1775). Resident, Divisions 5, 6, late May-June
- 931981 (9318) *Alypia langtoni* Couper, 1865. Resident, Langlade, Vilas Cos., mid June-early July
- NOCTUIDAE: Condicinae: Condicini**
- 931986 (9689) *Perigea xanthioides* Guenée, 1852. Resident, Division 6, early June
- 931989 (9690) *Condica videns* (Guenée, 1852). Resident, Divisions 4, 5, 6, late May-early September

- 931995 (9696) *Condica vecors* (Guenée, 1852). Resident, Statewide, early May-August
- 931998 (9699) *Condica sutor* (Guenée, 1852). Stray, Bayfield, Douglas, Manitowoc, Outagamie, Richland Cos., October
- 932018 (9720) *Ogdoconta cinereola* (Guenée, 1852). Resident, Divisions 5, 6, mid June-early September
- 932024 (9056) *Homophoberia cristata* Morrison, 1875. Unknown, Rock Co., 29 June 1986, 11 August 2002
- 932025 (9057) *Homophoberia apicosa* (Haworth, 1809). Resident, Statewide, late June-early September
- NOCTUIDAE: Condicinae: Leuconyctini**
- 932026 (9065) *Leuconycta diptheroides* (Guenée, 1852). Resident, Statewide, June-July
- 932027 (9066) *Leuconycta lepidula* (Grote, 1874). Resident, Statewide, mid May- June
- 932030 (9661) *Crambodes talidiformis* Guenée, 1852. Resident, Divisions 4, 5, 6, late May-late August
- 932031 (9644) *Micrathetis triplex* (Walker, 1857). Stray (single specimen), Rock Co., 23 October 2012
- NOCTUIDAE: Heliothinae**
- 932038 (11062) *Eutricopis nexilis* Morrison, 1875. Resident, Price Co., late May
- 932040 (11063) *Pyrrhia cilisca* (Guenée, 1852). Resident, Divisions 4, 5, 6, mid June-August
- 932041 (11064) *Pyrrhia exprimens* (Walker, 1857). Resident, Divisions 1, 2, 4, mid June-early July
- 932042 (11065) *Pyrrhia aurantiago* (Guenée, 1852). Resident, Divisions 4, 6, mid July-early August
- 932045 (11068) *Helicoverpa zea* (Boddie, 1850). Annual migrant. Statewide, mid August-October
- 932046 (11072) *Heliothis phloxiphaga* Grote & Robinson, 1867. Resident, Statewide, mid May-mid August
- 932047 (11072.1) *Heliothis acesias* Felder & Rogenhofer, 1875. Resident, Divisions 3, 4, 5, 6, June-mid September
- 932053 (11081) *Heliothis borealis* (Hampson, 1903). Resident, Divisions 2, 4, mid May
- 932054 (11071)** *Chloridea virescens* (Fabricius, 1777). Stray, Divisions 3, 6, mid September-late October
- 932055 (11070)** *Chloridea subflexa* (Guenée, 1852). Stray, Divisions 4, 5, 6, mid June-mid August
- 932056 (11073.1) *Heliocheilus lupatus* (Grote, 1875). Stray (single specimen), Buffalo Co., 5 September 2015
- 932058 (11074) *Heliocheilus paradoxus* Grote, 1865. Historic, Grant, Waushara Cos., late June-mid August
- 932061 (11082) *Schinia nuchalis* (Grote, 1878). Historic, Milwaukee Co., no date
- 932069 (11095) *Schinia indiana* (J. B. Smith, 1908). Resident, Division 4, late May-early June
- 932073 (11132) *Schinia jaguarina* (Guenée, 1852). Unknown, Crawford, Trempealeau Cos., June-mid July
- 932077 (11174) *Schinia lucens* (Morrison, 1875). Resident, Divisions 4, 5, 6, late June-mid July
- 932078 (11175) *Schinia meadi* (Grote, 1873). Unknown (single specimen), Langlade Co., 3 July 1961
- 932082 (11164) *Schinia florida* (Guenée, 1852). Resident, Statewide, late July-late August
- 932091 (11135) *Schinia rivulosa* (Guenée, 1852). Resident, Divisions 3, 4, 5, 6, August
- 932092 (11147) *Schinia gracilentata* Hübner, 1818. Unknown (single specimen), Buffalo Co. 25 August 2012
- 932093 (11141) *Schinia thoreau* (Grote & Robinson, 1870). Resident, Divisions 4, 5, 6, late July-late August
- 932095 (11148.1) *Schinia grandimedia* Hardwick, 1996. Resident, Divisions 5, 6, August
- 932096 (11149) *Schinia trifascia* Hübner, 1818. Resident, Divisions 3, 4, 5, 6, August
- 932114 (11110) *Schinia septentrionalis* (Walker, 1858). Resident, Green, Kenosha Cos., late August-early September
- 932119 (11118) *Schinia obscurata* Strecker, 1898. Resident, Divisions 3, 4, 5, 6, mid June-late July
- 932120 (11117) *Schinia lynx* (Guenée, 1852). Resident, Divisions 4, 5, 6, mid July-early September
- 932126 (11131) *Schinia mortua* (Grote, 1865). Resident, Crawford Co., late August
- 932134 (11128) *Schinia arcigera* (Guenée, 1852). Resident, Statewide, mid August-mid September
- 932145 (11173) *Schinia sanguinea* (Geyer, 1832). Resident, La Crosse Co., 6 August 2007
- 932150 (11105)** *Schinia sp. near bina* (Guenée, 1852). Resident, Bayfield, Oneida, Portage, Vilas Cos., mid June
- 932156 (11177) *Schinia nundina* (Drury, 1773). Resident, Divisions 3, 5, 6, August
- 932158 (11179) *Schinia tertia* (Grote, 1874). Periodic stray, Statewide, August-mid September
- 932171 (11199) *Schinia chrysellus* (Grote, 1874). Stray, Dane Co., 2 August 2014, Portage Co., 13 September 1993
- NOCTUIDAE: Eriopinae**
- 932192 (9631) *Callopietria mollissima* (Guenée, 1852). Resident, Statewide, early June-mid August
- 932194 (9633) *Callopietria cordata* (Ljungh, 1825). Resident, Divisions 1, 2, 3, 4, mid June-mid August
- NOCTUIDAE: Noctuinae: Pseudeustrotiini**
- 932205 (9053) *Pseudeustrotia carneola* (Guenée, 1852). Resident, Statewide, late May-mid September
- 932207 (9284) *Anterastria teratophora* (Herrich-Schäffer, [1854]). Resident, Statewide, early May-mid August
- NOCTUIDAE: Noctuinae: Phosphilini**
- 932208 (9618) *Phosphila turbulenta* Hübner, 1818. Resident, Rock Co., mid May-late August
- 932209 (9619) *Phosphila miselioides* (Guenée, 1852). Resident, Divisions 5, 6, late May-August

**NOCTUIDAE: Noctuinae: Prodeniini**

- 932215 (9665) *Spodoptera exigua* (Hübner, [1808]). Sporadic migrant, Divisions 2, 4, 5, 6, July-September  
932216 (9666) *Spodoptera frugiperda* (J. E. Smith, 1797). Annual migrant, Statewide, mid August-mid October  
932219 (9669) *Spodoptera ornithogalli* (Guenée, 1852). Annual migrant, Divisions 3, 4, 5, 6, mid August-October  
932221 (9671) *Spodoptera dolichos* (Fabricius, 1794). Stray, Outagamie Co. 17 October 2016  
932223 (9672) *Spodoptera eridania* (Stoll, 1782). Stray, Outagamie Co. 16 October 2016

**NOCTUIDAE: Noctuinae: Elaphriini**

- 932228 (9678) *Elaphria versicolor* (Grote, 1875). Resident, Statewide, late May-early September  
932230 (9679) *Elaphria chalconia* (Hübner, [1808]). Sporadic migrant, Divisions 5, 6, early August-mid October  
932232 (9680) *Elaphria georgii* (Moore & Rawson, 1939). Resident, Statewide, late May-mid June  
932234 (9681.1) *Elaphria alapallida* Pogue & Sullivan, 2003. Resident, Statewide, mid May-July  
932238 (9684) *Elaphria grata* Hübner, 1818. Resident, Divisions 3, 5, 6, mid May-early October  
932249 (9688) *Galgula partita* Guenée, 1852. Resident, Statewide, late April-early October  
932249.5 (9556) *Chytonix palliatricula* (Guenée, 1852). Resident, Statewide, June-mid August  
932249.6 (9557) *Chytonix sensilis* Grote, 1881. Resident, Divisions 2, 4, mid July-mid August

**NOCTUIDAE: Noctuinae: Caradrinini**

- 932257 (9654) *Caradrina meralis* (Morrison, 1975). Resident, Statewide, late August-early September  
932260 (9656) *Caradrina montana* (Bremer, 1861). Resident, Divisions 1, 5, 6, mid June-July  
932261 (9657) *Caradrina multifer* (Walker, 1857). Resident, Divisions 1, 2, 3, late August  
932266 (9647) *Proxenus miranda* (Grote, 1873). Resident, Statewide, late May-mid September  
932268 (9649) *Proxenus mendosa* McDunnough, 1927. Resident, Divisions 1, 4, mid July-mid August  
932269 (9650) *Athetis tarda* (Guenée, 1852). Unknown, Grant Co., 21 May 1983; Rock Co., 6 September 2013

**NOCTUIDAE: Noctuinae: Dypterygiini**

- 932272 (9560) *Dypterygia rozmani* Berio, 1974. Resident, Statewide, late June-mid August  
932280 (9626) *Trachea delicata* (Grote, 1874). Resident, Divisions 4, 5, 6, late May-mid August  
932281 (9637.1) *Magusa divaricata* (Grote, 1874). Periodic migrant, Statewide, early August-late October

**NOCTUIDAE: Noctuinae: Actinotiini**

- 932283 (9582) *Nedra ramosula* (Guenée, 1852). Resident, Statewide, early May-August  
932287 (9522) *Iodopepla u-album* (Guenée, 1852). Resident, Divisions 4, 5, late May-late July

**NOCTUIDAE: Noctuinae: Phlogophorini**

- 932290 (9545) *Euplexia benesimilis* McDunnough, 1922. Resident, Statewide, late May-mid August  
932291 (9546) *Phlogophora iris* Guenée, 1852. Resident, Statewide, June-early July  
932292 (9547) *Phlogophora periculosa* Guenée, 1852. Resident, Divisions 1, 2, 3, 4, August  
932293 (9548) *Conservula anodonta* (Guenée, 1852). Resident, Divisions 1, 2, 3, 4, July

**NOCTUIDAE: Noctuinae: Apameini**

- 932294 (9326) *Apamea verbascoides* (Guenée, 1852). Resident, Statewide, July-early August  
932296 (9328) *Apamea nigrior* (J. B. Smith, 1891). Resident, Statewide, late June-early July  
932297 (9332) *Apamea vulgaris* (Grote & Robinson, 1866). Resident, Grant, Richland Cos, early June  
932299 (9331) *Apamea cristata* (Grote, 1878). Resident, Forest Co., 8 July 1993  
932300 (9329) *Apamea cariosa* (Guenée, 1852). Resident, Divisions 4, 5, 6, early July-mid August  
932302 (9343) *Apamea apamiformis* (Guenée, 1852). Resident, Divisions 2, 3, 5, July  
932303 (9341) *Apamea vultuosa* (Grote, 1875). Resident, Statewide, mid June-early July  
932304 (9344) *Apamea plutonia* (Grote, 1883). Resident, Divisions 2, 3, 4, 6, early June-mid July  
932307 (9351) *Apamea alia* (Guenée, 1852). Resident, Divisions 2, 3, 4, 6, mid June-early July  
932308 (9362.2) *Apamea unanimis* (Hübner, [1813]). Introduced, Statewide, June  
932310 (9362) *Apamea indocilis* (Walker, 1856). Resident, Divisions 1, 2, July  
932311 (9360) *Apamea impuls*a (Guenée, 1852). Resident, Divisions 2,3, late June-early July  
932314 (9364) *Apamea sordens* (Hufnagel, 1766). Resident, Statewide, June  
932316 (9353) *Apamea inordinata* (Morrison, 1875). Resident, Division 3, early June-mid July  
932319 (9333) *Apamea lignicolora* (Guenée, 1852). Resident, Statewide, mid June-mid August  
932322 (9373) *Apamea helva* (Grote, 1875). Resident, Statewide, late July-mid September  
932329 (9359) *Apamea commoda* (Walker, 1857). Resident, Division 2, late June-early July  
932333 (9348) *Apamea amputatrix* (Fitch, 1857). Resident, Divisions 1, 2, 3, late June-late July

932339 (9378) *Apamea burgessi* (Morrison, 1874). Resident, Division 6, early September

932340 (9380) *Apamea relicina* (Morrison, 1875). Resident, Divisions 4, 6, late August-late September

932343 (9365) *Apamea scoparia* Mikkola, Muselin & Lafontaine, 2000. Resident, Divisions 1, 2 mid June-mid July

932344 (9367) *Apamea dubitans* (Walker, 1856). Resident, Statewide, mid July-late August

932345 (9367.1) *Apamea cogitata* (J. B. Smith, 1891). Resident, Forest Co., 8 July 1993; Iron Co., 30 June 2005

932347 (9369) *Apamea inficita* (Walker, 1857). Resident, Ashland Co., August

932348 (9372) *Apamea lutosa* (Andrews, 1877). Resident, Divisions 4, 5, 6, late June-early July

932350 (9382) *Apamea devastator* (Brace, 1819). Resident, Statewide, mid July-early September

932355 (9374) *Apamea niveivenosa* (Grote, 1879). Unknown, Divisions 1, 2, 4, 5, late July-early August

932358 (9454) *Loscopia velata* (Walker, 1865). Resident, Statewide, late June-mid August

932362 (9361) *Melanapamea mixta* (Grote, 1881). Resident, Division 2, late July-early August

932363 (9385.1) *Lateroligia ophiogramma* (Esper, 1793). Introduced, Statewide, July

932368 (9391) *Resapamea passer* (Guenée, 1852). Resident, Divisions 1, 2, 5, late June-early September

932369 (9393) *Resapamea stipata* (Morrison, 1875). Resident, Divisions 4, 5, 6, August-early September

932370 (9406) *Mesapamea fractilinea* (Grote, 1874). Resident, Statewide, late July-late August

932372 (9396) *Eremobina claudens* (Walker, 1857). Resident, Divisions 2, 3, late July-mid August

932374 (9398) *Eremobina leucoscelis* (Grote, 1874). Resident, Divisions 1, 2, 3, 4, 5, late July-late August

932377 (9402) *Oligia chlorostigma* (Harvey, 1876). Resident, Division 6, late June-early July

932378 (9404) *Oligia modica* (Guenée, 1852). Resident, Statewide, August

932382 (9415) *Oligia bridghami* (Grote & Robinson, 1866). Resident, Divisions 1, 2, 3, 4, late July-mid August

932384 (9416) *Oligia minuscula* (Morrison, 1875). Resident, Divisions 1, 2, 4, early August-mid September

932385 (9418) *Oligia obtusa* (J. B. Smith, 1902). Resident, Ashland, Douglas Cos., late August-early September

932390 (9408) *Neoligia exhausta* (J. B. Smith, 1903). Resident, Statewide, late July

932391 (9410) *Neoligia crytora* (Franclemont, 1950). Resident, Florence, Price, Vilas Cos., late June-early July

932392 (9412) *Neoligia subjuncta* (Smith, 1898). Resident, Divisions 2, 3, 4, 5, late June-early August

932413 (9427) *Meropleon diversicolor* (Morrison, 1874). Resident, Statewide, late August-late September

932414 (9428) *Meropleon ambifusca* (Newman, 1948). Resident, Divisions 4, 5, 6, late August-mid September

932415 (9429) *Lemmeria digitalis* (Grote, 1882). Resident, Statewide, late September-early October

932416 (9433) *Xylomoia chagnoni* Barnes & McDunnough, 1917. Resident, Statewide, late June-late July

932419 (9435) *Photedes inops* (Grote, 1881). Resident, Divisions 3, 4, 5, 6, late August-mid September

932421 (9434) *Photedes includens* (Walker, [1858]). Resident, Divisions 5, 6, late June-late July

932422 (9436) *Photedes panatela* (J. B. Smith, 1904). Resident, Statewide, late June-mid July

932424 (9441) *Photedes enervata* (Guenée, 1852). Resident, Adams, Jefferson, Kenosha, Marquette Cos., early August

932425 (9443) *Photedes defecta* (Grote, 1874). Resident, Divisions 1, 2, 3, 4, 5, early July-mid August

932426 (9437) *Hypocoena inquinata* (Guenée, 1852). Resident, Statewide, late July-mid August

932428 (9439) *Hypocoena basistriga* (McDunnough, 1933). Resident, Division 2, late August-early September

932437 (9447.2) *Rhizedra lutosa* (Hübner, [1803]). Introduced, Kenosha Co., 10 Sept. 2010; Outagamie Co., 9 October 2016

932438 (9449) *Capsula oblonga* (Grote, 1882). Resident, Statewide, early August-mid September

932439 (9450) *Capsula subflava* (Grote, 1882). Resident, Statewide, late July-early August

932441 (9451) *Capsula laeta* (Morrison, 1875). Resident, Divisions 3, 4, 5, 6, early August-early September

932442 (9452) *Macronoctua onusta* Grote, 1874. Resident, Divisions 2, 3, 4, 5, early September-early October

932443 (9453) *Helotropha reniformis* (Grote, 1874). Resident, Statewide, mid July-mid September

932444 (9520) *Achatodes zae* (Harris, 1841). Resident, Statewide, early July-early August

932446 (9456) *Amphipoea interoceanica* (J. B. Smith, 1899). Resident, Statewide, late July- August

932447 (9457) *Amphipoea americana* (Speyer, 1875). Resident, Statewide, mid July-early September

932457 (9513) *Hydraecia immanis* Guenée, 1852. Resident, Divisions 4, 5, 6, late August-early October

932458 (9514) *Hydraecia micacea* (Esper, 1789). Introduced, Statewide, early August-early September

932460 (9516) *Hydraecia stramentosa* Guenée, 1852. Resident, Statewide, late August- September

932465 (9509) *Papaipema unimoda* (J. B. Smith, 1894). Resident, Statewide, late August-early October

932466 (9464) *Papaipema cerina* (Grote, 1874). Resident, Divisions 4, 5, 6, late August-early October

932467 (9493) *Papaipema appassionata* (Harvey, 1876). Resident, Divisions 1, 2, 3, 4, 5, late August-early September

932468 (9495) *Papaipema furcata* (J. B. Smith, 1899). Resident, Statewide, September

932471 (9506) *Papaipema sciata* Bird, 1908. Resident, Divisions 4, 5, 6, late September-early October

932472 (9492) *Papaipema marginidens* (Guenée, 1852). Resident, Division 6, mid September-early October



- 932473 (9490) *Papaipema nepheleptena* (Dyar, 1908). Resident, Divisions 3, 4, 5, 6, September  
 932475 (9482) *Papaipema speciosissima* (Grote & Robinson, 1868). Resident, Divisions 3, 4, September  
 932476 (9483) *Papaipema inquaesita* (Grote & Robinson, 1868). Resident, Statewide, late August-early October  
 932477 (9491) *Papaipema circumlucens* (J. B. Smith, 1899). Resident, Division 6, early August-September  
**932480 (9488)** *Papaipema insulidens* (Bird, 1902). Resident, Statewide, late August-mid September  
 932483 (9472) *Papaipema harrisii* (Grote, 1881). Resident, Divisions 3, 4, 5, 6, late August-mid September  
 932487 (9479) *Papaipema lysimachiae* Bird, 1914. Resident, Statewide, late August-mid September  
 932488 (9478) *Papaipema leucostigma* (Harris, 1841). Resident, Statewide, late August-late September  
 932489 (9480) *Papaipema pterisii* Bird, 1907. Resident, Divisions 1, 2, 3, 4, late August-September  
 932492 (9471) *Papaipema arctivorens* Hampson, 1910. Resident, Statewide, early August-early September  
 932493 (9484) *Papaipema rutila* (Guenée, 1852). Resident, Crawford, Grant Cos., late September  
 932494 (9485) *Papaipema baptisiae* (Bird, 1902). Resident, Statewide, late August-mid September  
 932497 (9466) *Papaipema cataphracta* (Grote, 1864). Resident, Statewide, early September-early October  
 932500 (9473) *Papaipema impecuniosa* (Grote, 1881). Resident, Divisions 3, 4, 5, 6, late September-mid October  
 932501 (9496) *Papaipema nebris* (Guenée, 1852). Resident, Divisions 4, 5, 6, late August-September  
 932502 (9501) *Papaipema eupatorii* (Lyman, 1905). Resident, Divisions 3, 4, 5, 6, mid September-early October  
 932505 (9503) *Papaipema rigida* (Grote, 1877). Resident, Divisions 4, 5, 6, September-early October  
 932506 (9502) *Papaipema nelita* (Strecker, 1898). Resident, Divisions 4, 5, 6, late August-early September  
 932507 (9504) *Papaipema aweme* (Lyman, 1908). Resident, Bayfield Co., late August  
 932508 (9508) *Papaipema beeriana* Bird, 1923. Resident, Division 5, early September-early October  
 932509 (9500) *Papaipema maritima* Bird, 1909. Resident, Divisions 3, 4, 5, 6, early September-early October  
 932510 (9497) *Papaipema necopina* (Grote, 1876). Resident, Divisions 4, 5, 6, late August-September  
 932511 (9498) *Papaipema silphii* Bird, 1915. Resident, Division 5, early September-early October  
 932512 (9430) *Selicanis cinereola* J. B. Smith, 1900. Resident, Jackson, La Crosse, Monroe Cos., September-early October

**NOCTUIDAE: Noctuinae: Arzamini**

- 932514 (9523.1)** *Bellura vulnifica* (Grote, 1873). Resident, Divisions 1, 2, 3, 4, early June-mid August  
 932515 (9524) *Bellura brehmei* (Barnes & McDunnough, 1916). Resident, Divisions 1, 2, 3, 4, late June-early July  
 932517 (9525) *Bellura obliqua* (Walker, 1865). Resident, Statewide, late May-early July  
 932518 (9526) *Bellura densa* (Walker, 1865). Resident, Divisions 2, 4, 5, 6, late June-early September

**NOCTUIDAE: Noctuinae: Xylenini**

- 932519 (9873) *Xylena nupera* (Lintner, 1874). Resident, Statewide, September-late April  
 932520 (9874) *Xylena curvimacula* (Morrison, 1874). Resident, Statewide, September-early May  
 932521 (9875) *Xylena thoracica* (Putnam-Cramer, 1886). Resident, Divisions 2, 4, September-early May  
 932522 (9876) *Xylena cineritia* (Grote, 1875). Resident, Divisions 2, 3, 4, September-early May  
 932524 (9878) *Lithomoia germana* (Morrison, 1874). Resident, Statewide, late August-mid September  
 932527 (9881) *Homoglaea hircina* Morrison, 1876. Resident, Divisions 2, 3, 4, 5, October-early May  
 932530 (9884) *Litholomia napaea* (Morrison, 1874). Resident, Division 2, mid September-early May  
 932531 (9885) *Lithophane semiusta* Grote, 1874. Resident, Statewide, September-early May  
 932532 (9886) *Lithophane patefacta* (Walker, 1858). Resident, Statewide, September-early May  
 932533 (9887) *Lithophane bethunei* (Grote & Robinson, 1868). Resident, Divisions 3, 4, 5, 6, September-mid April  
 932534 (9888) *Lithophane innominata* (J. B. Smith, 1893). Resident, Divisions 2, 3, 4, September-early May  
 932535 (9888.1) *Lithophane franclemonti* Metzler, 1998. Resident, Divisions 4, 6, September-late April  
 932536 (9889) *Lithophane petulca* Grote, 1874. Resident, Divisions 1, 2, 3, 4, 6, September-late April  
 932537 (9892) *Lithophane disposita* Morrison, 1874. Resident, Statewide, September-late April  
 932537.1 (9892.1) *Lithophane* sp. near *disposita* Morrison, 1874. Resident, Divisions 4, 5, 6, September-late April  
 932538 (9893) *Lithophane hemina* Grote, 1874. Resident, Statewide, September-early May  
 932539 (9893.1) *Lithophane lanei* Troubridge, 2006. Resident, Statewide, September-April  
 932541 (9894) *Lithophane oriunda* Grote, 1874. Resident, Divisions 2, 3, 4, 6, late September-early April  
 932544 (9891) *Lithophane amanda* (J. B. Smith, 1900). Resident, Divisions 2, 3, 4, 6, September-early May  
 932545 (9922) *Lithophane pexata* Grote, 1874. Resident, Divisions 1, 2, 3, 4, September-mid May  
 932547 (9928) *Lithophane thaxteri* Grote, 1874. Resident, Divisions 2, 4, September-early May  
 932548 (9917) *Lithophane fagina* Morrison, 1874. Resident, Divisions 1, 2, 3, 4, September-early May  
 932549 (9902) *Lithophane baileyi* Grote, 1877. Resident, Divisions 2, 3, 4, September-early May  
 932550 (9904) *Lithophane querquera* Grote, 1874. Resident, Columbia, Sauk Cos., late March-mid April

932551 (9904.1) *Lithophane scottae* Troubridge, 2006. Resident, Divisions 4, 6, October-early May  
932553 (9909) *Lithophane tepida* Grote, 1874. Resident, Divisions 2, 3, 4, September-early May  
932558 (9925.1) *Lithophane adipel* (Benjamin, 1936). Resident, Marinette Co., 29 September 2000, 29 April 2001  
932571 (9899.1) *Lithophane thujae* Webster & Thomas, 1999. Resident, Florence, Forest, Oneida Cos., early October-April  
932573 (9913) *Lithophane georgii* Grote, 1875. Resident, Florence Co., 15 April 2015; Vilas Co., 15 May 2015  
932577 (9910) *Lithophane antennata* (Walker, 1858). Resident, Statewide, September-early May  
932580 (9914) *Lithophane laticinerea* Grote, 1874. Resident, Statewide, September-mid April  
932581 (9915) *Lithophane grotei* Riley, 1882. Resident, Statewide, September-early May  
932582 (9916) *Lithophane unimoda* (Lintner, 1878). Resident, Statewide, September-early May  
932583 (9929) *Pyreferra hesperidago* (Guenée, 1852). Resident, Divisions 2, 3, 4, 5, 6, late September-April  
932584 (9930) *Pyreferra citromba* Franclemont, 1941. Resident, Divisions 2, 3, 4, 6, late September-early May  
932586 (9932) *Pyreferra pettiti* (Grote, 1874). Resident, Statewide, late September-early May  
932587 (9933) *Eupsilia vinulenta* (Grote, 1864). Resident, Statewide, September-early May  
932588 (9933.1) *Eupsilia sidus* (Guenée, 1852). Resident, Divisions 2, 4, 5, 6, late September-early May  
**932588.1 (9933.2)** *Eupsilia schweitzeri* Lavitt & Wagner, 2016. Resident, Divisions 2, 3, 4, 5, 6, late Sept.-early May  
932590 (9935) *Eupsilia tristigmata* (Grote, 1877). Resident, Statewide, September-early May  
932591 (9936) *Eupsilia morrisoni* (Grote, 1874). Resident, Statewide, September-early May  
932594 (9939) *Eupsilia devia* (Grote, 1875). Resident, Statewide, late September-April  
932595 (9941) *Sericaglaea signata* (French, 1879). Resident, Kenosha, Rock Cos., late October-early April  
932596 (9942) *Xystocephalus rufago* (Hübner, 1818). Resident, Divisions 2, 4, 6, late September-early May  
932597 (9943) *Metaxaglaea inulta* (Grote, 1874). Resident, Divisions 3, 4, 5, 6, mid September-early October  
932598 (9944) *Metaxaglaea viatica* (Grote, 1874). Stray (single specimen), Manitowoc Co., 5 November 2000  
932602 (9946) *Epiglaea decliva* (Grote, 1874). Resident, Divisions 3, 4, 5, 6, October-early November  
932603 (9947) *Epiglaea apiata* (Grote, 1874). Resident, Divisions 1, 2, 3, 4, 5, early September-early October  
932604 (9948) *Chaetoglaea cerata* Franclemont, 1943. Resident, Divisions 2, 4, late September-early October  
932607 (9950) *Chaetoglaea sericea* (Morrison, 1874). Resident, Divisions 2, 3, 4, late September-early October  
932608 (9951) *Psectraglaea carnosa* (Grote, 1877). Resident, Division 2, late September-early October  
932609 (9952) *Eucirroedia pampina* (Guenée, 1852). Resident, Statewide, early September-early October  
932616 (9957) *Sunira bicolorago* (Guenée, 1852). Resident, Statewide, September-November  
932619 (9961) *Anathix ralla* (Grote & Robinson, 1868). Resident, Statewide, mid August-September  
932620 (9962) *Anathix puta* (Grote & Robinson, 1868). Resident, Statewide, mid August-mid September  
932621 (9963) *Anathix aggressa* (J. B. Smith, 1907). Unknown, Grant, Outagamie, Sheboygan Cos., early September  
932622 (9965) *Xanthia tatago* Lafontaine & Mikkola, 2003. Resident, Divisions 2, 3, 4, 5, mid September-early October  
932624 (9967) *Hillia iris* (Zetterstedt, 1839). Resident, Divisions 1, 2, 3, 5, mid September  
932625 (9431) *Parastichtis suspecta* (Hübner, [1817]). Resident, Divisions 1, 2, 3, 5, early July-early August  
932654 (9998) *Brachylochia algens* (Grote, 1878). Resident, Divisions 1, 2, 3, 4, late July-August  
932656 (9999) *Brachylochia discinigra* (Walker, 1856). Resident, Bayfield, Langlade Cos., late August  
932664 (9578) *Hyppa xylinoides* (Guenée, 1852). Resident, Statewide, late May-late August  
932672 (9815) *Cosmia calami* (Harvey, 1876). Resident, Statewide, late June-early August  
932674 (9549) *Enargia decolor* (Walker, 1858). Resident, Divisions 1, 2, 3, 4, August-mid September  
932675 (9550) *Enargia infumata* (Grote, 1874). Resident, Statewide, July-early August  
932679 (9555) *Ipimorpha pleunectusa* Grote, 1873. Resident, Divisions 1, 2, 3, 4, 5, August-early September  
932695 (9420) *Fishia illocata* (Walker, 1857). Resident, Divisions 1, 2, 3, 4, late August-September  
932696 (9976) *Platypolia anceps* (Stephens, 1850). Resident, Divisions 2, 3, mid September-early October  
932699 (9419) *Platypolia mactata* (Guenée, 1852). Statewide, late August-early October  
932701 (9980) *Xylotype arcadia* Barnes & Benjamin, 1922. Resident, Divisions 1, 2, 4, late August-late September  
932705 (9987) *Mniotype ducta* (Grote, 1878). Resident, Douglas Co., 9 June 2010  
932707 (9989) *Sutyna privata* (Walker, 1857). Resident, Statewide, late August-late September  
932708 (9992) *Pachypolia atricornis* Grote, 1874. Resident, Divisions 2, 4, 6, late-September-early October  
932709 (11051) *Ufeus satyricus* Grote, 1873. Resident, Douglas Co., 4 October 2007  
932710 (11052) *Ufeus plicatus* Grote, 1873. Resident, Division 5, September-March  
932720 (9589) *Properigea costa* (Barnes & Benjamin, 1923). Unknown, Grant Co., 17 Jul. 1982; Sauk Co., 3 Aug 1988  
932749 (9629) *Fagitana littera* (Guenée, 1852). Resident, Divisions 3, 4, 5, mid June-mid July

**NOCTUIDAE: Noctuinae: Orthosiini**

- 932756 (10471) *Stretchia plusiiformis* H. Edwards, 1874. Stray (single specimen), Marathon Co., 17 April 1977  
932770 (10487) *Orthosia rubescens* (Walker, 1865). Resident, Statewide, early April-early May  
932771 (10488) *Orthosia garmani* (Grote, 1879). Resident, Divisions 3, 4, 5, 6, April-early May  
932773 (10490) *Orthosia revicta* (Morrison, 1876). Resident, Statewide, mid April-early May  
932774 (10491) *Orthosia alurina* (J. B. Smith, 1902). Resident, Statewide, April-early May  
932776 (10493) *Orthosia segregata* (J. B. Smith, 1893). Resident, Brown, Door Cos., late April-early May  
932778 (10495) *Orthosia hibisci* (Guenée, 1852). Resident, Statewide, early April-early May  
932784 (10501) *Crocigrapha normani* (Grote, 1874). Resident, Statewide, early April-May  
932785 (10502) *Himella fidelis* Grote, 1874. Resident, Grant Co., 7 May 2013, Rock Co., 18 April 2004  
932795 (10513) *Egira dolosa* (Grote, 1880). Resident, Statewide, mid April-late May  
932800 (10518) *Achatia distincta* Hübner, 1813. Resident, Statewide, late April-mid May  
932802 (10520) *Morrisonia evicta* (Grote, 1873). Resident, Statewide, late April-mid May  
932803 (10521) *Morrisonia confusa* (Hübner, [1831]). Resident, Divisions 4, 5, 6, late April-late May  
932805 (10291) *Morrisonia latex* (Guenée, 1852). Resident, Statewide, mid May-late June

**NOCTUIDAE: Noctuinae: Tholerini**

- 932810 (10524) *Nephelodes minians* Guenée, 1852. Resident, mid August-September

**NOCTUIDAE: Noctuinae: Hadenini**

- 932826 (10223) *Anarta trifolii* (Hufnagel, 1766). Periodic migrant, Statewide, late May-mid September  
932863 (10332) *Coranarta luteola* (Grote & Robinson, 1865). Resident, Divisions 2, 4, May  
932867 (10275) *Polia nimbosea* (Guenée, 1852). Resident, Divisions 1, 2, 3, July  
932868 (10276) *Polia imbrifera* (Guenée, 1852). Resident, Statewide, late June-mid July  
932872 (10280) *Polia purpurissata* (Grote, 1864). Resident, Statewide, mid July-late August  
932874 (10292) *Melanchra adjuncta* (Guenée, 1852). Resident, Statewide, mid May-mid August  
932875 (10293) *Melanchra picta* (Harris, 1841). Resident, Statewide, late May-late August  
932876 (10294) *Melanchra pulverulenta* (J. B. Smith, [1888]). Resident, Divisions 1, 2, early June-early July  
932877 (10295) *Melanchra assimilis* (Morrison, 1874). Resident, Divisions 2, 3, 4, late May-early July  
932878 (10296) *Lacanobia nevadae* (Grote, 1876). Resident, Divisions 1, 2, June-early July  
932879 (10297) *Lacanobia atlantica* (Grote, 1874). Resident, Statewide, late May-early August  
932880 (10298) *Lacanobia radix* (Walker, [1857]). Resident, Bayfield, Forest, Oneida Cos., late May-late June  
932881 (10299) *Lacanobia subjuncta* (Grote & Robinson, 1868). Resident, Divisions 3, 4, 5, 6, June-August  
932882 (10300) *Spirameter grandis* (Guenée, 1852). Resident, Statewide, mid May-June  
932883 (10301) *Spirameter lutra* (Guenée, 1852). Resident, Divisions 1, 2, 3, 4, late May-early July  
932884 (10302) *Trichordestra rugosa* (Morrison, 1875). Resident, Divisions 1, 2, 4, June  
932885 (10303) *Trichordestra tacoma* (Strecker, 1900). Resident, Divisions 1, 2, 3, June  
932886 (10304) *Trichordestra legitima* (Grote, 1864). Resident, Statewide, early July-mid August  
932889 (10307) *Trichordestra lilacina* (Harvey, 1874). Resident, Statewide, early July-early August  
932892 (10310) *Papestra quadrata* (J. B. Smith, 1891). Resident, Division 2, May  
932893 (10311) *Papestra biren* (Goeze, 1781). Introduced, Burnett, Forest, Marathon, Vilas Cos., June  
932905 (10263) *Sideridis artesta* (J. B. Smith, 1903). Resident, Divisions 3, 6, early June-early August  
932906 (10265) *Sideridis rosea* (Harvey, 1874). Resident, Statewide, late May-mid June  
932907 (10266) *Sideridis congermana* (Morrison, 1874). Resident, Burnett, Douglas, Jackson Cos., late May-early June  
932908 (10268) *Sideridis maryx* (Guenée, 1852). Resident, Divisions 1, 2, 4, late May-mid June  
932911 (10317) *Hadena capsularis* (Guenée, 1852). Resident, Divisions 4, 6, late May-early July  
932913 (10316) *Hadena ectypa* (Morrison, 1875). Unknown, Crawford Co., 22 June 2002  
932928 (10431) *Dargida diffusa* (Walker, 1856). Resident, Statewide, early May-late August  
932931 (10434) *Dargida rubripennis* (Grote & Robinson, 1870). Periodic migrant, Divisions 5, 6, August

**NOCTUIDAE: Noctuinae: Leucaniini**

- 932933 (10436) *Mythimna oxygala* (Grote, 1881). Resident, Statewide, early June-early September  
932935 (10438) *Mythimna unipuncta* (Haworth, 1809). Annual migrant, Statewide, April-October  
932938 (10440) *Leucania linita* Guenée, 1852. Resident, Statewide, early June-early September  
932943 (10444) *Leucania phragmitidicola* Guenée, 1852. Resident, Statewide, late May-early September  
932944 (10445) *Leucania linda* Franclemont, 1952. Resident, Statewide, early June-mid September  
932945 (10446) *Leucania multilinea* Walker, 1856. Resident, Statewide, late June-mid September

- 932946 (10446.1) *Leucania lapidaria* (Grote, 1876). Resident, Statewide, early June-early September
- 932947 (10447) *Leucania commoides* Guenée, 1852. Resident, Statewide, July-mid August
- 932948 (10449) *Leucania insueta* Guenée, 1852. Resident, Statewide, mid June-early July
- 932960 (10456) *Leucania adjuta* (Grote, 1874). Stray, Crawford, Jefferson, Rock Cos., April, October
- 932963 (10459) *Leucania inermis* (Forbes, 1936). Resident, Divisions 4, 5, 6, late May-June
- 932965 (10461) *Leucania ursula* (Forbes, 1936). Resident, Divisions 5, 6, late May-early September
- 932966 (10462) *Leucania pseudargyria* Guenée, 1852. Resident, Statewide, late June-late July
- NOCTUIDAE: Noctuinae: Eriopygini**
- 933016 (10368) *Lacinipolia meditata* (Grote, 1873). Resident, Statewide, early August-mid September
- 933017 (10370) *Lacinipolia lustralis* (Grote, 1875). Resident, Divisions 1, 2, 3, 4, mid June-mid July
- 933019 (10372) *Lacinipolia anguina* (Grote, 1881). Resident, Divisions 1, 2, 3, 4, late May-mid June
- 933042.2 (10395.2)** *Lacinipolia sareta* (Smith, 1906). Resident, Divisions 1, 2, 3, 4, 6, mid July-mid August
- 933044 (10397) *Lacinipolia renigera* (Stephens, 1829). Resident, Statewide, mid June-early October
- 933052 (10405) *Lacinipolia lorea* (Guenée, 1852). Resident, Resident, Statewide, mid June-early July
- 933053 (10406) *Lacinipolia olivacea* (Morrison, 1874). Resident, Statewide, early August-early September
- 933068 (10414) *Lacinipolia implicata* McDunnough, 1937. Resident, Division 6, late August-early September
- 933086 (10530) *Anhimella contrahens* (Walker, 1860). Unknown, Divisions 2, 3, 5, 6, mid June-mid July
- 933088 (10532) *Homorthodes furfurata* (Grote, 1875). Resident, Divisions 1, 2, 3, 4, 6, July
- 933105 (10552) *Protorthodes incincta* (Morrison, 1874). Resident, Statewide, late August-mid September
- 933113 (10563) *Protorthodes oviduca* (Guenée, 1852). Resident, Statewide, late May-mid June
- 933118 (10567) *Ulolonche culea* (Guenée, 1852). Resident, Divisions 1, 4, 6, mid May-mid June
- 933120 (10569) *Ulolonche modesta* (Morrison, 1874). Resident, Divisions 1, 3, 4, 6, mid May-mid June
- 933128 (10578) *Psuedorthodes vecors* (Guenée, 1852). Resident, Statewide, late May-mid August
- 933136 (10585) *Orthodes majuscula* Herrich-Schäffer, 1868). Resident, Statewide, June-mid August
- 933138 (10587) *Orthodes cynica* Guenée, 1852. Resident, Statewide, late May-late July
- 933141 (10289) *Orthodes goodelli* (Grote, 1875). Resident, Statewide, late May-late August
- 933142 (10290) *Orthodes obscura* (J. B. Smith, [1888]). Resident, Statewide, mid May-mid June
- 933146 (10288) *Orthodes detracta* (Walker, 1857). Resident, Statewide, mid June-mid July
- 933193 (10627) *Tricholita signata* (Walker, 1860). Resident, Statewide, late July-mid September
- 933194 (10628) *Tricholita notata* Strecker, 1898. Resident, Divisions 4, 5, 6, late August-early September
- NOCTUIDAE: Noctuinae: Agrotini**
- 933211 (10915) *Peridroma saucia* (Hübner, [1808]). Annual migrant, Statewide, April-November
- 933212 (10911) *Anicla infecta* (Ochsenheimer, 1816). Stray, Manitowoc, Outagamie, Rock Cos., mid September-October
- 933216 (10903) *Anicla illapsa* (Walker, 1857). Resident, Divisions 4, 5, 6, late May-August
- 933218 (10909) *Anicla tenuescens* (J. B. Smith, 1890). Resident, Adams Co., 29 July 2016; Green Co., 30 July-2 August 1982
- 933222 (10902) *Anicla forbesi* (Franclemont, 1952). Resident, Statewide, early June-late July
- 933228 (10878) *Striacosta albicosta* (J. B. Smith, [1888]). Resident, Statewide, late July-October
- 933229 (10924) *Actebia fennica* (Tauscher, 1806). Unknown, Divisions 1, 2, 3, 4, late August
- 933231 (10869) *Dichagyris grotei* (Franclemont & Todd, 1983). Resident, Division 6, late August-early September
- 933232 (10870) *Dichagyris acclivis* (Morrison, 1875). Resident, Grant, Lafayette, Rock Cos., late July-early August
- 933254 (10701.2) *Dichagyris reliqua* Lafontaine & Schweitzer, 2004. Resident, Divisions 5, 6, late August
- 933257 (10694) *Eucptocnemis fimbriaris* (Guenée, 1852). Resident, Divisions 3, 4, 6, mid September
- 933269 (10689.1) *Copablepharon michiganensis* Crabo & Lafontaine, 2004. Resident, Manitowoc, Sheboygan Cos., August
- 933308 (10730) *Euxoa adumbrata* (Eversmann, 1842). Resident, Divisions 1, 2, 3, 4, mid June-mid August
- 933309 (10731) *Euxoa auxiliaris* (Grote, 1873). Stray, Burnett Co., 12 June 1999; Forest Co., 31 May 1991
- 933315 (10738) *Euxoa mimallonis* (Grote, 1873). Resident, Divisions 1, 2, 4, early August-early September
- 933319 (10705) *Euxoa messoria* (Harris, 1841). Resident, Statewide, late August-mid September
- 933320 (10702) *Euxoa divergens* (Walker, [1857]). Resident, Divisions 1, 2, mid June-early July
- 933321 (10703) *Euxoa sinelinea* Hardwick, 1965. Resident, Bayfield Co., 27 Jul 1992; Florence Co., 8 July 1983
- 933328 (10714) *Euxoa quebecensis* (J. B. Smith, 1900). Resident, Ashland, Bayfield Cos., late June
- 933329 (10715) *Euxoa scandens* (Riley, 1869). Resident, Statewide, late June-early August
- 933330 (10716) *Euxoa aurlenta* (J. B. Smith, [1888]). Resident, Manitowoc Co., mid June-early July
- 933346 (10727) *Euxoa pleuritica* (Grote, 1876). Resident, Divisions 1, 2, 3, mid July-mid August
- 933353 (10812) *Euxoa bostoniensis* (Grote, 1874). Historic, Milwaukee Co., 2 Oct. 1968; Racine Co., 22 Sept. 1964

- 933354 (10813) *Euxoa medialis* (J. B. Smith, [1888]). Resident, Green, Sauk Cos., late September
- 933360 (10749) *Euxoa intrita* (Morrison, 1874). Resident, Ashland, Douglas Cos., late August-early September
- 933364 (10793) *Euxoa scholastica* McDunnough, 1920. Resident, Divisions 5, 6, late June-early August
- 933378 (10755) *Euxoa declarata* (Walker, 1865). Resident, Divisions 1, 2, 4, 6, mid August-early September
- 933384 (10753) *Euxoa immixta* (Grote, 1881). Resident, Crawford, Grant, Richland, Vernon Cos., July
- 933395 (10805) *Euxoa tessellata* (Harris, 1841). Resident, Statewide, late June-mid August
- 933397 (10807) *Euxoa albipennis* (Grote, 1876). Resident, Divisions 3, 4, 5, 6, late August-mid September
- 933411 (10803) *Euxoa velleripennis* (Grote, 1874). Resident, Statewide, mid August-mid September
- 933424 (10801) *Euxoa ochrogaster* (Guenée, 1852). Resident, Divisions 1, 2, late July-mid August
- 933428 (10817) *Euxoa obeliscoides* (Guenée, 1852). Resident, Divisions 5, 6, early August-early September
- 933439 (10854) *Euxoa servitus* (J. B. Smith, 1895). Resident, Statewide, late June-early August
- 933440 (10851) *Euxoa redimicula* (Morrison, 1874). Resident, Divisions 3, 4, 5, 6, late July-early September
- 933458 (10831) *Euxoa niveilinea* (Grote, 1882). Resident, Divisions 4, 5, 6, late August-mid September
- 933461 (10838) *Euxoa detersa* (Walker, 1856). Resident, Statewide, late August-mid September
- 933478 (10863) *Euxoa manitobana* McDunnough, 1925. Resident, Divisions 1, 3, 4, July
- 933481 (10865) *Euxoa perpolita* (Morrison, 1876). Resident, Divisions 1, 2, 4, late August-early September
- 933488 (10644) *Feltia mollis* (Walker, [1857]). Resident, Divisions 1, 2, 3, 4, late July-early August
- 933494 (10666) *Feltia manifesta* (Morrison, 1875). Resident, La Crosse Co., 8 May 2007
- 933495 (10680) *Feltia geniculata* (Grote & Robinson, 1868). Resident, Statewide, early August-early September
- 933498 (10670) *Feltia jaculifera* (Guenée, 1852). Resident, Statewide, mid August-mid September
- 933501 (10674) *Feltia subgothica* (Haworth, 1809). Resident, Statewide, early August-early September
- 933502 (10675) *Feltia tricola* (Lintner, 1874). Resident, Divisions 3, 4, 5, 6, late July-early September
- 933503 (10676) *Feltia herilis* (Grote, 1873). Resident, Statewide, late July-early September
- 933504 (10664) *Feltia subterranea* (Fabricius, 1794). Stray, Grant, Green, Manitowoc Cos., mid September-October
- 933506 (10641) *Agrotis vetusta* (Walker, 1856). Resident, Statewide, mid August-mid September
- 933515 (10648) *Agrotis gladiaria* Morrison, 1874. Resident, Divisions 3, 5, 6, September
- 933516 (10651) *Agrotis venerabilis* Walker, [1857]. Resident, Statewide, late August-September
- 933519 (10658) *Agrotis stigmata* Morrison, 1874. Resident, Divisions 4, 5, mid May-early June
- 933521 (10659) *Agrotis volubilis* Harvey, 1874. Resident, Divisions 1, 2, 3, 4, late May-mid June
- 933528 (10663) *Agrotis ipsilon* (Hufnagel, 1766). Annual migrant, Statewide, April-October
- NOCTUIDAE: Noctuinae: Noctuini**
- 933529 (10891) *Ochropleura implecta* Lafontaine, 1998. Resident, Statewide, late May-August
- 933533 (10919) *Diarsia jucunda* (Walker, [1857]). Resident, Divisions 1, 2, 3, July
- 933534 (10917) *Diarsia rubifera* (Grote, 1875). Resident, Divisions 1, 2, 3, 4, late June-early August
- 933535 (10921) *Diarsia rosaria* (Grote, 1878). Resident, Divisions 1, 2, mid June-early July
- 933536 (10994) *Cerastis tenebrifera* (Walker, 1865). Resident, Statewide, early April-early May
- 933537 (10997) *Cerastis fishii* (Grote, 1878). Resident, Divisions 1, 2, 3, early May-early June
- 933542 (10996) *Cerastis salicarum* (Walker, 1857). Resident, Statewide, mid April-early May
- 933544 (10992) *Paradiarsia littoralis* (Packard, 1867). Resident, Divisions 2, 3, mid June-early July
- 933546 (10993.1) *Hemipachnobia monochromateia* (Morrison, 1874). Resident, Divisions 1, 2, 3, 4, late May-late June
- 933547 (11010) *Lycophotia phyllophora* (Grote, 1874). Resident, Divisions 1, 2, 3, 4, 5, July
- 933550 (11003) *Chersotis juncta* (Grote, 1978). Unknown (single specimen), Vilas Co., 16 July 1992
- 933551 (11003.1) *Noctua pronuba* (Linnaeus, 1758). Introduced, Statewide, mid June-August
- 933553 (11012) *Cryptocala acadensis* (Bethune, 1870). Resident, Statewide, mid July-mid August
- 933554 (10926) *Spaelotis clandestina* (Harris, 1841). Resident, Statewide, mid June-mid September
- 933560 (10929) *Eurois occulta* (Linnaeus, 1758). Resident, Divisions 1, 2, 3, mid July-late August
- 933561 (10930) *Eurois astricta* Morrison, 1874. Resident, Divisions 1, 2, 3, 4, late July-late August
- 933563 (10928) *Graphiphora augur* (Fabricius, 1775). Resident, Divisions 1, 2, 3, 4, 5, early July-early August
- 933564 (11000) *Anaplectoides prasina* ([Denis & Schiffermüller], 1775). Resident, Statewide, early July-early August
- 933565 (11001) *Anaplectoides pressus* (Grote, 1874). Resident, Divisions 1, 2, 3, late June-mid July
- 933567 (10999) *Aplectoides condita* (Guenée, 1852). Resident, Divisions 1, 2, 3, late May-late June
- 933568 (11007) *Eueretagrotis sigmoides* (Guenée, 1852). Resident, Statewide, July
- 933569 (11008) *Eueretagrotis perattentus* (Grote, 1876). Resident, Statewide, late June-July
- 933570 (11009) *Eueretagrotis attentus* (Grote, 1874). Resident, Statewide, July

- 933572 (10944) *Xestia smithii* (Snellen, 1896). Resident, Statewide, mid August-mid September
- 933573 (10943) *Xestia normanianus* (Grote, 1874). Resident, Statewide, early August-early September
- 933575 (10947) *Xestia oblata* (Morrison, 1875). Resident, Divisions 1, 2, late June-early July
- 933584 (10968) *Xestia badicollis* (Grote, 1873). Resident, Statewide, late August-early September
- 933585 (10968.1) *Xestia praevia* Lafontaine, 1998. Resident, Divisions 1, 2, 4, late July-late August
- 933586 (10969) *Xestia dilucida* (Morrison, 1875). Resident, Divisions 1, 2, 3, 4, 5, late August-September
- 933588 (10942) *Xestia c-nigrum* (Linnaeus, 1758). Resident, Statewide, early June-early October
- 933589 (10942.1) *Xestia dolosa* Franclemont, 1980. Resident, Statewide, late May-mid September
- 933624 (10988) *Coenophila opacifrons* (Grote, 1878). Resident, Statewide, mid August-early September
- 933626 (10955) *Agnorisma badinodis* (Grote, 1874). Resident, Divisions 5, 6, September
- 933627 (10954) *Agnorisma bugrai* (Kocak, 1983). Resident, Statewide, late August-early September
- 933629 (10950) *Pseudohermonassa bicarnea* (Guenée, 1852). Resident, Statewide, August
- 933630 (10951) *Pseudohermonassa tenuicula* (Morrison, 1874). Resident, Statewide, August-early September
- 933648 (11004) *Protolampra rufipectus* (Morrison, 1875). Resident, Divisions 2, 4, mid August-early September
- 933649 (11006) *Protolampra brunneicollis* (Grote, 1865). Resident, Statewide, mid July-early September
- 933680 (11029) *Abagrotis alternata* (Grote, 1864). Resident, Statewide, mid July-September
- 933683 (11044) *Abagrotis brunneipennis* (Grote, 1875). Resident, Divisions 1, 2, 3, 4, early July-late August
- 933685 (11043) *Abagrotis cupida* (Grote, 1865). Resident, Statewide, late July-mid September
- 933688 (11045) *Abagrotis anchocelioides* (Guenée, 1852). Resident, Statewide, early July-early September

**Questionable and unconfirmed records:** The following species are attributed to Wisconsin by the literature sources indicated, but specimens confirming these records were not able to be located.

- 910221 (7378) *Xanthorhoe algidata* (Möschler, 1874). Attributed to Wisconsin by Covell (1970). Specimens in the Natural History Museum of Los Angeles County determined as this are 910227 (7384) *Xanthorhoe decoloraria*. *X. algidata* may possibly occur in northern Wisconsin.
- 910372 (7531) *Eupithecia indistincta* Taylor, 1910. Vilas Co., 10 June (Covell, 1970). An eastern species recorded from Quebec and the northern Atlantic states (Bolte 1990).
- 911132 (6711) *Ilexia intractata* (Walker, 1863). The type of synonym *gausaparia* is from Wisconsin (Covell, 1970). The species is a holly feeder, likely a stray or error (D. F. Schweitzer, pers. comm.).
- 911264 (6831) *Metarranthis apiciaria* (Packard, 1876). Oneida Co., 29 May (Covell, 1970).
- 911265 (6832) *Metarranthis obfirmaria* (Hübner, [1823]). Milwaukee Co., 30 June (Covell, 1970).
- 932464 (9463) *Parapamea buffaloensis* (Grote, 1877). Forbes (1954) cites the specific locality of Racine, Wisconsin. The Wisconsin State Herbarium website (<http://www.botany.wisc.edu/wisflora/>) states that the occurrence of lizard's tail (*Saururus cernuus* L.), its sole larval host, has not been verified in Wisconsin. A form of the similar appearing *Papaipema unimoda* (932465) could be mistaken for this.

#### **Taxonomic issues:**

- 890040 (7730) *Hemileuca maia* (Drury, 1773) Great Lakes complex. The Wisconsin populations are part of the Great Lakes complex of Tuskes, Tuttle, and Collins (1996), and remain lumped here by Pohl, Patterson & Pelham (2016) pending species-level taxonomic clarification. Populations occur in shrubby fens and sedge meadows. Adults are hardly distinguishable from *H. nevadensis*, but their forewings tend to have somewhat narrower white bands. Clinal variation of white band width from wider to narrower occurs from higher to lower latitudes, as demonstrated in Michigan by Scholtens and Wagner (1997), who also found no logical way to separate these populations into subspecies or species based on morphological characters. Larvae from Marquette and Ozaukee Counties have narrower yellow lateral bands and reddish dorsal spine tufts.
- 890042 (7731) *Hemileuca nevadensis* Stretch, 1872. Populations referable to this are found in far northwestern Wisconsin. Ferge (1981) found considerable variation in the forewing white band width in progeny reared from known parents. The larvae have wide yellow lateral bands and black dorsal spine tufts.

- 890179.1 (7855.1) *Hemaris aethra* (Strecker, 1875). Schmidt (2018) found that nominal 890179 (7855) *Hemaris diffinis* (Boisduval, 1836) includes this cryptic species.
- 910720 (6279) *Macaria occiduaria* (Packard, 1874). Pohl, Anweiler, Schmidt and Kondla (2010) synonymized the questionably distinct (6280) *Macaria andersoni* (Swett, 1916), but these remain separated in this checklist pending further study and taxonomic clarification.
- 910766 (6344) *Macaria signaria* (Hübner, 1809). Pohl, Anweiler, Schmidt and Kondla (2010) synonymized (6349) *Macaria marmorata* (Ferguson, 1972) and (6350) *Macaria submarmorata* (Walker, 1861) with *Macaria signaria*, but they remain separated in this checklist pending further study and taxonomic clarification. The three entities in Wisconsin have different habitat niches and biogeographies.
- 91115 (6726) *Euchlaena obtusaria* (Hubner, 1813). Wagner (2005) states that 911150 (6726) *Euchlaena muzaria* (Walker, 1860) is very closely related (if even distinct). Identifying these is uncertain and difficult due to the lack of distinctive characters and their great variability. At the present time, all the Wisconsin records are referred to *E. obtusaria*.
- 930217 (8043) *Manulea bicolor* (Grote, 1864). Dubatolov (2015) synonymized the genus *Eilema* with *Manulea*.
- 930240 - 930253 (8175 - 8199) *Apantesis* species. The genus *Grammia* was synonymized with *Apantesis* by Rönkä, Mappes, Kaila, and Wahlberg (2016).
- (8187) *Apantesis celia* (Saunders, 1863). Although long considered a separate species, Schmidt (2009) synonymized it with 930253 (8188) *Apantesis figurata* (Drury, 1773). Because of the differences between the smaller and darker *Apantesis celia* phenotype in eastern and central Wisconsin and the larger phenotype occurring in the westernmost border counties, they remain separated in this checklist.
- 930402 (8229) *Cycnia collaris* (Fitch, 1856). Lafontaine and Schmidt (2015) synonymized 930401 (8228) *Cycnia inopinatus* (Hy. Edwards, 1882) with *Cycnia collaris*.
- 930727 (9035) *Hyperstrotia nana* (Hübner, 1818). Lafontaine and Schmidt (2015) synonymized 930730 (9038) *Hyperstrotia villificans* (Barnes & McDunnough, 1918) with *Hyperstrotia nana*.
- 931442.1 (9281) *Acronicta fallax* (Herrich-Schäffer, 1854). *Agriopodes fallax* was found to belong in the genus *Acronicta* by Schmidt et al. (2014).
- 931906 (10067) *Sympistis chionanthi* (J. E. Smith, 1797). Specimens previously identified as this may likely include a recently described species, 931906.1 (10067.1) *Sympistis forbesi* Zacharczenko & Wagner, 2014. Zacharczenko et al. (2014) state that *S. chionanthi* adults are not reliably distinguishable from *S. forbesi*, but the species differ significantly in larval appearance and host plant association. The larval host of *S. chionanthi* in Wisconsin is ash (*Fraxinus* sp.).
- 931906.1 (10067.1) *Sympistis forbesi* Zacharczenko & Wagner, 2014. Zacharczenko et al. (2014) state that *S. forbesi* is locally common on Midwest prairies, especially in Iowa, Illinois, and Minnesota, associated with *Triosteum* species, its exclusive larval host. It is likely widespread in southwest Wisconsin, but currently verified only from Buffalo County by rearing larvae from *T. perfoliatum*.
- 932054 (11071) *Chloridea virescens* (Fabricius, 1777). *Heliothis virescens* was placed in the genus *Chloridea* by Pogue (2013).
- 932055 (11070) *Chloridea subflexa* (Guenée, 1852). *Heliothis subflexa* was placed in the genus *Chloridea* by Pogue (2013).
- 932150.1 (11105.1) *Schinia* sp. near *bina* (Guenée, 1852). Wisconsin specimens identified as *Schinia bina* are an undescribed species (Michael Pogue, pers. comm.).
- 932480 (9488) *Papaipema insulidens* (Bird, 1902). Lafontaine and Schmidt (2015) synonymized (9486) *Papaipema birdi* (Dyar, 1908) with *Papaipema insulidens*.
- 932514 (9523.1) *Bellura vulnifica* (Grote, 1873). Lafontaine and Schmidt (2010) state that ongoing research by Eric L. Quinter shows that *Bellura vulnifica*, stat. rev., (= *Arzama diffusa*, syn. rev.) is not a synonym of *Bellura gortynoides* but should be treated as a valid species. *B. gortynoides* is a brighter yellow color throughout its range, with little or no tendency to become darker northward. Wisconsin populations previously identified as *B. gortynoides* are *B. vulnifica*.

932588.1 (9933.2) *Eupsilia schweitzeri* Lavitt & Wagner, 2016. The species previously referred to as *Eupsilia* sp. near *sidus* was described by Lavitt, Tate and Wagner (2016).

933042.2 (10395.2) *Lacinipolia sareta* (Smith, 1906). Wisconsin records previously attributed to 933019 (10394) *Lacinipolia vicina* (Grote, 1874) are referable to this species according to Schmidt (2015).

## DISCUSSION

A considerable amount of field work in a variety of habitat types remains to be done, in order to more accurately determine the habitat association, range and status of many moth species. While sufficient data exists to support classifying species as common or abundant, there is considerable uncertainty whether or not poorly documented species are truly rare. Past experience has shown that for many such species, apparent rarity was an artifact of insufficient searching, lack of knowledge of habitat association and seasonal occurrence, or species not readily obtainable by customary collecting methods. The preponderance of specimens providing documentation for this list were collected at light. Other methods, such as the use of sugar bait, netting from flowers or searching by day, often obtain species not readily attracted to light, indicating that reliance on a single collecting method can strongly bias sampling results.

The great diversity of moths found in Wisconsin is a reflection of the state's geographic position and wide variety of habitats. Curtis (1959) indicates that floristic elements of the eastern deciduous forest region, the boreal region and the prairie region meet and intermingle in the state, which is a significant factor responsible for the corresponding richness of the moth fauna. A number of Wisconsin's most distinctive, and in some cases most limited, native habitat types have been systematically and intensively surveyed for moths. Particular effort has been made to thoroughly inventory large and typical examples of each. Records of species consistently associated with replicated study sites, along with available information on larval host plant specificity, form the basis for associating the moth species with habitat type. These correlations were aided by the list and tables appearing in Curtis (1959) indicating the habitat or community in which plant species occur and achieve their maximum presence. A number of moth species occur more broadly in related habitat types. For example, sand prairie, barrens and dune habitats have a significant commonality of moth fauna. Peatlands and barrens also have considerable faunal overlap (an abundance of ericaceous shrubs is one of many features linking these seemingly disparate habitats). The classification and plant species composition information for the habitats discussed below is from Curtis (1959) with modifications from the Wisconsin Department of Natural Resources Natural Communities classification (2016) and Aaseng et al. (2011).

Species marked with (\*) have only been documented in that habitat type.

**Peatlands:** Occurring most extensively in the Northern Highlands and Central Plains, peatlands (bogs, poor fens, and rich fens) occur on wet, partially decomposed organic soils (peat). These wetlands range from completely open to forests of black spruce, tamarack, and white cedar; they also range from thin, quaking mats to well-grounded. Sphagnum and other mosses, ericaceous shrubs (e.g. leatherleaf, cranberry, Labrador tea), and sedges dominate the ground layer. Some types support shrub thickets of bog birch, willows, alder, sweet gale, and poison sumac. Other characteristic plants include pitcher plant, sundews, buckbean, and many orchids. Bogs and poor fens (acid peatlands) are floristically depauperate and lack strong mineral indicators (e.g. white cedar, alpine bulrush). Associated moth species (our sampling biased to acid peatlands) include:

890083	<i>Hyalophora columbia</i>	930248	<i>Apantesis speciosa</i> *	932467	<i>Papaipema appassionata</i> *
910705	<i>Macaria sulfurea</i> *	930302	<i>Virbia lamae</i> *	932507	<i>Papaipema aweme</i> *
910726	<i>Macaria argillacearia</i> *	930310	<i>Spilosoma dubia</i>	932603	<i>Epiglaea apiata</i>
910725	<i>Macaria occiduaria</i> *	930767b	<i>Catocala badia coelebs</i>	932876	<i>Melanchra pulverulenta</i>
910693	<i>Epelis truncataria</i>	930832	<i>Catocala sordida</i>	932884	<i>Trichordestra rugosa</i> *
910765	<i>Macaria sexmaculata</i>	931188	<i>Exyra fax</i> *	932863	<i>Coronarta luteola</i> *
910766	<i>Macaria submarmorata</i>	931230	<i>Syngrapha microgamma</i> *	933537	<i>Cerastis fishii</i>
910769	<i>Macaria oweni</i>	931231	<i>Syngrapha montana</i> *	933546	<i>Hemipachnobia monochromatea</i> *
910850	<i>Ematurga amitaria</i>	932053	<i>Heliothis borealis</i>	933575	<i>Xestia oblata</i>
911041	<i>Eufidonia discospilata</i>	932372	<i>Eremobina claudens</i>	933586	<i>Xestia dilucida</i>
910667	<i>Hethemia pistasciaria</i>	932382	<i>Oligia bridghami</i> *	933624	<i>Coenophila opacifrons</i>
910668	<i>Mesothea incertata</i>	932384	<i>Oligia minuscula</i> *		
910366	<i>Eupithecia nimbicolor</i>	932428	<i>Hypocoena basistriga</i>		



**Wetlands:** This broad category encompasses a variety of habitat classes; peatlands are discussed separately above. Examples include cattail and bulrush emergent marshes; sedge and bluejoint wet meadows; willow, alder, and red osier shrub thickets; hardwood and mixed conifer swamps; and forested seeps. Other characteristic plants include joe pye weed, meadow rue, swamp milkweed, meadowsweet, skunk cabbage, marsh marigold, marsh fern, and cinnamon fern. Associated moth species (excluding those with strong affinities to peatlands only) include:

890040	<i>Hemileuca maia</i> complex	931493	<i>Simyra insularis</i>	932465	<i>Papaipema unimoda</i>
910053	<i>Plemyria georgii</i>	931909	<i>Sympistis piffardi</i>	932473	<i>Papaipema nepheleptena</i>
910259	<i>Orthonama evansi</i>	932287	<i>Iodopepla u-album</i>	932475	<i>Papaipema speciosissima</i>
930505	<i>Macrochilo louisiana</i>	932293	<i>Conservula anodonta</i>	932476	<i>Papaipema inquaesita</i>
930506	<i>Macrochilo bivittata</i>	932369	<i>Resapamea stipata</i>	932487	<i>Papaipema lysimachiae</i>
930508	<i>Macrochilo absorptalis</i>	932374	<i>Eremobina leucoscelis</i>	932497	<i>Papaipema cataphracta</i>
930511	<i>Macrochilo orciferalis</i>	932413	<i>Meropleon diversicolor</i>	932500	<i>Papaipema impecuniosa</i>
930590	<i>Colobochyla interpuncta</i>	932415	<i>Lemmeria digitalis</i>	932502	<i>Papaipema eupatorii</i>
930661	<i>Hypenodes caducus</i>	932419	<i>Photedes inops</i>	932513	<i>Bellura vulnifica</i>
930662	<i>Hypenodes fractilinea</i>	932421	<i>Photedes includens</i>	932515	<i>Bellura brehmei</i>
930663	<i>Hypenodes palustris</i>	932422	<i>Photedes panatela</i>	932517	<i>Bellura obliqua</i>
930664	<i>Hypenodes sombrus</i>	932424	<i>Photedes enervata</i>	932518	<i>Bellura densa</i>
931184	<i>Pseudeva purpurigera</i>	932425	<i>Photedes defecta</i>	932622	<i>Xanthia tatago</i>
931235	<i>Plusia venusta</i>	932426	<i>Hypocoena inquinata</i>	932624	<i>Hillia iris</i>
931236	<i>Plusia putnami</i>	932438	<i>Archanara oblonga</i>	932749	<i>Fagitana littera</i>
931238	<i>Plusia magnimacula</i>	932439	<i>Archanara subflava</i>	932938	<i>Leucania linita</i>
931239	<i>Plusia contexta</i>	932441	<i>Archanara laeta</i>	933553	<i>Cryptocala acadensis</i>
931297	<i>Capis curvata</i>	932442	<i>Macronoctua onusta</i>		
931436	<i>Acronicta connecta</i>	932443	<i>Helotropha reniformis</i>		

**Dry Bluff Prairie:** Isolated remnants occur on steep, rocky limestone and sandstone bluffs, with most sites located in the Southwestern Upland division. Dominant grasses include little bluestem, side-oats grama, Indian grass and prairie dropseed. Other characteristic plants include leadplant, milkweeds, asters, goldenrods, flowering spurge, and blazing star. Associated moth species include:

910803	<i>Digrammia ordinata</i>	930830	<i>Catocala amestris</i>	933194	<i>Tricholita notata</i>
930253	<i>Apantesis figurata</i>	931313	<i>Ponometia binocula</i>	933218	<i>Anicla tenuescens*</i>
930281	<i>Apantesis carlotta</i>	932077	<i>Schinia lucens</i>	933254	<i>Dichagyris reliqua*</i>
930402	<i>Cycnia collaris</i>	932095	<i>Schinia grandimedia</i>	933384	<i>Euxoa immixta*</i>
930827	<i>Catocala abbreviatella</i>	932339	<i>Apamea burgessi</i>		
930829	<i>Catocala whitneyi</i>	932340	<i>Apamea relicina</i>		

**Sand Prairie:** The most extensive remaining sites occur on dry, level sand terraces along the lower Wisconsin River in the Southwestern Upland division, parts of which are referred to as the "Wisconsin Desert." Dominant grasses include little bluestem, June grass, panic grasses, and poverty-oat grass. Other characteristic plants include prickly-pear cactus, leadplant, flowering spurge, stiff goldenrod, and wind-carved sand blowouts with false heather. Species characteristic of sand prairie openings in the Central Plains division are included below under "Pine and Oak Barrens." Associated moth species include:

910805	<i>Digrammia eremiata</i>	930827	<i>Catocala abbreviatella</i>	932257	<i>Caradrina meralis</i>
930225	<i>Crambidia casta</i>	930829	<i>Catocala whitneyi</i>	932339	<i>Apamea burgessi</i>
930226	<i>Crambidia pura</i>	930830	<i>Catocala amestris</i>	932340	<i>Apamea relicina</i>
930240	<i>Apantesis arge</i>	931312	<i>Ponometia virginialis*</i>	932911	<i>Hadena capsularis</i>
930242	<i>Apantesis phyllira</i>	931313	<i>Ponometia binocula</i>	933257	<i>Eucoptocnemis fimbriaris</i>
930281	<i>Apantesis carlotta</i>	931875	<i>Sympistis riparia</i>	933329	<i>Euxoa scandens</i>
930402	<i>Cycnia collaris</i>	932077	<i>Schinia lucens</i>	933397	<i>Euxoa albipennis</i>
930716	<i>Phytometra ernestinana*</i>	932120	<i>Schinia lynx</i>	933458	<i>Euxoa niveilinea</i>
930891	<i>Drasteria graphica</i>	932145	<i>Schinia sanguinea*</i>	933494	<i>Feltia manifesta*</i>

**Mesic and Wet Prairie:** Characterized by a flora including big bluestem, blue joint grass, cordgrass, wild rye, prairie dock, compass plant, blazing star, mountain mint, coneflowers, sunflowers, goldenrods and asters, the very limited remaining examples of mesic to wet prairie mostly occur in southeastern Wisconsin. Associated moth species include:

932369	<i>Resapamea stipata</i>	932506	<i>Papaipema nelita</i>	932510	<i>Papaipema necopina</i>
932424	<i>Photodes enervata</i>	932508	<i>Papaipema beeriana</i>	932511	<i>Papaipema silphii</i> *
932457	<i>Hydraecia immanis</i>	932509	<i>Papaipema maritima</i>	933194	<i>Tricholita notata</i>

**Pine and Oak Barrens:** Occurring mostly in the Central Plains and Northern Highland divisions, these habitats consist of dry, sandy open areas with scattered scrubby jack pine and Hill's oak. Ground layer species include blueberries, bearberry, sweetfern, sand cherry, Pennsylvania sedge, poverty grass, and Cladina lichens. In some examples tall shrubs such as hazels or prairie willow are important components. Sites in the Central Plains (including northwestern counties) have a significant proportion of prairie plants including little bluestem, June grass, wild lupine, downy phlox, puccoon and New Jersey tea; these prairie elements decrease to the north and east. Associated moth species include:

890178	<i>Hemaris gracilis</i>	930910	<i>Drasteria adumbrata</i>	932521	<i>Xylena thoracica</i>
910693	<i>Epelis truncataria</i>	931241	<i>Bagisara rectifascia</i> *	932522	<i>Xylena cineritia</i>
910850	<i>Ematurga amitaria</i>	931441	<i>Acronicta quadrata</i>	932588	<i>Eupsilia sidus</i>
911115	<i>Apodrepanulatrix liberaria</i>	931475	<i>Acronicta sperata</i>	932596	<i>Xystocheilus rufago</i>
911125	<i>Erastria coloraria</i>	931492	<i>Acronicta dolli</i> *	932603	<i>Epiglaea apiata</i>
910668	<i>Mesothea incertata</i>	931488	<i>Acronicta lanceolaria</i> *	932604	<i>Chaetoglaea cerata</i> *
910503	<i>Lobocleta plemyraria</i>	931500	<i>Cerma cora</i>	932608	<i>Psectraglaea carnosana</i> *
930102	<i>Schizura apicalis</i> *	931558	<i>Brachionycha borealis</i>	932907	<i>Sideridis congermana</i> *
930115	<i>Hyparpax aurora</i> *	931797	<i>Sympistis perscripta</i> *	932908	<i>Sideridis maryx</i>
930225	<i>Crambidia casta</i>	931800	<i>Sympistis saundersiana</i> *	932911	<i>Hadena capsularis</i>
930226	<i>Crambidia pura</i>	931810	<i>Sympistis viriditincta</i> *	933458	<i>Euxoa niveilinea</i>
8187	<i>Apantesis celia</i>	932053	<i>Heliothis borealis</i>	933481	<i>Euxoa perpolitata</i>
930310	<i>Spilosoma dubia</i>	932069	<i>Schinia indiana</i> *	933488	<i>Feltia mollis</i>
930429	<i>Pygarctia spraguei</i> *	932150	<i>Schinia sp. nr. bina</i> *	933537	<i>Cerastis fishii</i>
930766	<i>Catocala antinympha</i>	932249.5	<i>Chytonix sensilis</i>	933544	<i>Paradiarsia littoralis</i>
930832	<i>Catocala sordida</i>	932257	<i>Caradrina meralis</i>	933586	<i>Xestia dilucida</i>
930863	<i>Phoberia ingenua</i> *	932512	<i>Selicanis cinereola</i> *		

**Great Lakes Beach and Dunes:** These sparsely vegetated habitats occur on the shores of Lakes Michigan and Superior. Indicator plants include beachgrass, beach pea, wormwood, and creeping juniper; Canada wild-rye, common juniper, sand cherry, and willows are often common as well. Bearberry and false heather are prominent on Lake Superior dunes. Associated moth species include:

910055	<i>Thera contractata</i>	932261	<i>Caradrina multifera</i>	933328	<i>Euxoa quebecensis</i> *
930225	<i>Crambidia casta</i>	932316	<i>Apamea inordinata</i> *	933330	<i>Euxoa aurulenta</i> *
930242	<i>Apantesis phyllira</i>	932905	<i>Sideridis artesta</i> *	933360	<i>Euxoa intrita</i> *
930891	<i>Drasteria graphica</i>	933257	<i>Eucoptocnemis fimbriaris</i>		
931875	<i>Sympistis riparia</i>	933269	<i>Copablepharon michiganensis</i> *		

**Strays and migrants:** A significant number of species regarded as strays or migrants have been recorded in Wisconsin. Ferguson et al. (1991) provides considerable insight regarding migratory Lepidoptera species in eastern North America, listing frequent or obvious migrants, many classified as such for the first time. Many of the migrants recorded in Wisconsin are of tropical or subtropical origin, others originate from breeding ranges in the southern states, and a few have western affinities. Strays are highly sporadic in occurrence, many being records of single individuals. Migrants recur more often but irregularly, with some occasionally establishing temporary breeding populations. In addition, Ferguson et al. (1991) discuss a number of migrant species that are consistently present northward every season, some with such regularity they are often considered resident species. However, they have no diapause and must annually repopulate northern regions.

### Annually occurring migrants:

910540	<i>Pleuroprucha insulsaria</i>	932045	<i>Helicoverpa zea</i>	932249	<i>Galgula partita</i>
910258	<i>Orthonama obstipata</i>	932935	<i>Mythimna unipuncta</i>	933211	<i>Peridromia saucia</i>
910260	<i>Costaconvexa centrostrigaria</i>	933216	<i>Spodoptera frugiperda</i>	933528	<i>Agrotis ipsilon</i>
931023	<i>Zale lunata</i>	933219	<i>Spodoptera ornithogalli</i>		

### Irregularly occurring migrants:

890086	<i>Agrius cingulata</i>	930518	<i>Tetanolita floridana</i>	931176	<i>Rachiplusia ou</i>
890090	<i>Manduca sexta</i>	930759	<i>Ascalapha odorata</i>	931209	<i>Megalographa biloba</i>
890091	<i>Manduca quinquemaculata</i>	930942	<i>Mocis latipes</i>	931253	<i>Amyna stricta</i>
890184	<i>Eumorpha achemon</i>	930944	<i>Mocis texana</i>	932215	<i>Spodoptera exigua</i>
890211	<i>Xylophanes tersa</i>	931077	<i>Anticarsia gemmatalis</i>	932230	<i>Elaphria chalcedonia</i>
890217	<i>Hyles lineata</i>	931169	<i>Ctenoplusia oxygramma</i>	932281	<i>Magusa divaricata</i>
930516	<i>Tetanolita mynesalis</i>	931170	<i>Chrysodeixis includens</i>	932931	<i>Dargida rubripennis</i>

### Strays:

890106	<i>Ceratonia hageni</i>	930348	<i>Utetheisa ornatrix</i>	931284	<i>Marimatha nigrofimbria</i>
890112	<i>Sphinx vashti</i>	930580	<i>Hypena minualis</i>	932031	<i>Micrathetis triplex</i>
890156	<i>Erinnyis obscura</i>	930602	<i>Anomis erosa</i>	932054	<i>Chloridea virescens</i>
890152	<i>Erinnyis alope</i>	930608	<i>Anomis illita</i>	932056	<i>Heliocheilus lupatus</i>
890154	<i>Erinnyis ello</i>	930611	<i>Alabama argillacea</i>	932073	<i>Schinia jaguarina</i>
890170	<i>Aellopos titan</i>	930624	<i>Eudocima apta</i>	932092	<i>Schinia gracilentia</i>
890187	<i>Eumorpha fasciatus</i>	930754	<i>Tathorhynchus exsiccatus</i>	932158	<i>Schinia tertia</i>
890188	<i>Eumorpha labruscae</i>	930758	<i>Thysania zenobia</i>	932171	<i>Schinia chrysellus</i>
910697	<i>Psamatodes abydata</i>	930770	<i>Catocala angusi</i>	932221	<i>Spodoptera dolichos</i>
910824	<i>Rindgea nigricomma</i>	930780	<i>Catocala dejecta</i>	932223	<i>Spodoptera eridania</i>
910858	<i>Glenoides texanaria</i>	930783	<i>Catocala lacrymosa</i>	932756	<i>Stretchia plusiiformis</i>
910898	<i>Tornos scolopacinaria</i>	930789	<i>Catocala maestosa</i>	932960	<i>Leucania adjuta</i>
911018	<i>Epimecis hortaria</i>	930869	<i>Melipotis perpendicularis</i>	933212	<i>Anicla infecta</i>
910508	<i>Idaea bonifata</i>	930878	<i>Melipotis jucunda</i>	933309	<i>Euxoa auxiliaris</i>
910128	<i>Coryphista meadii</i>	930934	<i>Ptichodis bistrigata</i>	933504	<i>Feltia subterranea</i>
910261	<i>Disclisioprocta stellata</i>	931166	<i>Argyrogramma verruca</i>		
911034	<i>Melanchroia chephise</i>	931193	<i>Autographa californica</i>		

**Introduced Species:** The following species, mostly of European origin, have become established in North America, and were first documented in Wisconsin on the dates indicated.

890215	<i>Hyles euphorbiae</i> : Eau Claire Co., 3 June 2009	932363	<i>Lateroligia ophiogramma</i> : Forest Co., 1 July 1999
910466	<i>Pasiphila rectangulata</i> : Milwaukee Co., 27 June 2009	932437	<i>Rhizedra lutosa</i> : Kenosha Co., 10 Sept. 2010
910535	<i>Idaea dimidiata</i> : Door Co., 1 August 2013	932458	<i>Hydraecia micacea</i> : Manitowoc Co., 1982
930141	<i>Lymantria dispar</i> : Monroe Co., 1971	932893	<i>Papestra biren</i> : Vilas Co., 10 June 1983
931771	<i>Calophasia lunula</i> : Door Co., 8 August 2002	933551	<i>Noctua pronuba</i> : Outagamie Co., 17 August 1995
932308	<i>Apamea unanimitis</i> : Oneida Co., 15 June 2004		

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## Plate 1

1. 870001 *Heteropacha rileyana* Harvey ♂, Grant Co., 25 June 1988
2. 870018 *Malacosoma californica* (Packard) ♂, Douglas Co., 18 June 1988
3. 910022 *Dysstroma walkerata* (Pearsall) ♂, Oneida Co., 13 June 1992
4. 910041 *Eulithis flavibrunneata* (McDunnough) ♂, Douglas Co., 24 August 2017
5. 910053 *Plemyria georgii* Hulst ♂, Bayfield Co., 30 August 1992
6. 910055 *Thera contractata* (Packard) ♂, Manitowoc Co., 15 July 1993
7. 910067 *Hydriomena perfracta* Swett ♂, Oneida Co., 2 June 2003
8. 910092 *Hydriomena ruberata* (Freyer) ♂, Sheboygan Co., 7 June 1992
9. 910123 *Triphosia haesitata* (Guenée) ♂, Oneida Co., 17 April 1987
10. 910213 *Xanthorhoe abrasaria* (Herrich-Schäffer) ♂, Bayfield Co., 12 July 1994
11. 910227 *Xanthorhoe decoloraria* (Esper) ♂, Bayfield Co., 27 July 1992
12. 910259 *Orthonama evansi* (McDunnough) ♂, Marquette Co., 15 August 1997
13. 910263 *Hydrelia lucata* (Guenée) ♂, Marathon Co., 24 June 2015
14. 910264 *Hydrelia condensata* (Walker) ♂, Bayfield Co., 5 June 1996
15. 910278 *Epirrita autumnata* (Borkhausen) ♂, Marinette Co., 28 September 2014
16. 910466 *Pasiphila rectangulata* (Linnaeus) ♂, Marathon Co., 24 June 2015
17. 910503 *Lobocleta plemyraria* (Guenée) ♂, La Crosse Co., 8 May 2007
18. 910548 *Cyclophora nanaria* (Walker) ♂, Manitowoc Co., 11 October 1997
19. 910555 *Timandra amaturaria* Walker ♂, Rock Co., 6 June 2014
20. 910670 *Leucobrephos brephoides* (Walker) ♂, Lincoln Co., 28 March 2016
21. 910706 *Macaria amboflava* (Ferguson) ♂, Vernon Co., 3 July 1995
22. 910766 *Macaria signaria* (Hübner) ♂, Bayfield Co., 12 July 1994
23. *Macaria marmorata* (Ferguson) ♂, Bayfield Co., 30 July 1992
24. *Macaria submarmorata* (Walker) ♂, Price Co., 29 May 1998
25. 913781 *Digrammia denticulata* (Grote) ♂, La Crosse Co., 21 May 2007
26. 910787 *Digrammia pallidata* (Packard) ♂, Sauk Co., 14 May 1993
27. 910789 *Digrammia continuata* (Walker) ♂, Oneida Co., 4 June 1999
28. 910802 *Digrammia ocellinata* (Guenée) ♂, Waushara Co., 24 July 1999
29. 910803 *Digrammia ordinata* (Walker) ♂, Crawford Co., 3 July 1995
30. 910805 *Digrammia eremiata* (Guenée) ♂, La Crosse Co., 5 July 2007
31. 910806 *Digrammia equivocata* Ferguson ♂, Adams Co., 31 May 2002
32. 910817 *Digrammia neptaria* (Guenée) ♂, Manitowoc Co., 15 July 1993
33. 910864 *Glena cribrataria* (Guenée) ♂, Jackson Co., 3 June 2000
34. 910898 *Tornos scolopacinaria* (Guenée) ♂, Rock Co., 11 May 1983
35. 911014 *Cleora projecta* (Walker) ♂, Price Co., 1 May 1998
36. 911084 *Paleacrita merricata* Dyar ♂, Trempealeau Co., 26 March 1998
37. 911101 *Cabera quadrifasciaria* (Packard) ♂, Trempealeau Co., 29 June 1997
38. 911115 *Apodrepanulatrix liberaria* (Walker) ♂, La Crosse Co., 5 September 2007
39. 911125 *Erastria coloraria* (Fabricius) ♂, Jackson Co., 5 July 1994
40. 911163 *Euchlaena milnei* McDunnough ♂, Grant Co., 26 June 1998
41. 911230 *Spodolepis substriataria* Hulst ♂, Oneida Co., 26 April 1999
42. 911238 *Tacparia atropunctata* (Packard) ♂, Bayfield Co., 12 June 1997
43. 911256 *Metarranthis amyrisaria* (Walker) ♂, Bayfield Co., 30 May 1992
44. 911349 *Nepytia pellucidaria* (Packard) ♂, Florence Co., 5 September 2015
45. 911423 *Patelene olyzonaria* (Walker) ♂, Rock Co., 15 October 1999

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## Plate 2

1. 930008 *Clostera brucei* (Hy. Edwards) ♂, Oneida Co., 4 June 1994
2. 930017 *Notodonta torva* (Hübner) ♂, Oneida Co., 25 May 1996
3. 930022 *Gluphisia lintneri* (Grote) ♂, Ashland Co., 15 April 2005
4. 930035 *Datana drexelii* Hy. Edwards ♂, Marathon Co., 26 June 1970
5. 930077 *Heterocampa subrotata* Harvey ♂, Crawford Co., 3 July 1995
6. 930102 *Schizura apicalis* (Grote & Robinson) ♂, Burnett Co., 18 July 1999
7. 930115 *Hyparpax aurora* (J. E. Smith) ♂, Jackson Co., 11 July 1992
8. 930134 *Dasylophia thyatiroides* (Walker) ♂, Door Co., 21 July 1967
9. 930248 *Apantesis speciosa* (Moschler) ♂, Oneida Co., 4 August 1979
10. 930253 *Apantesis figurata* (Drury) ♂, Grant Co., 21 May 1983
11. *Apantesis celia* (Saunders) ♂, Door Co., 15 June 1991
12. 930281 *Apantesis carlotta* Ferguson ♂, Grant Co., 15 August 1981
13. 930302 *Virbia lamae* (Freeman) ♂, Marathon Co., 4 July 1976
14. 930310 *Spilosoma dubia* (Walker) ♂, Vilas Co., 3 June 2012
15. 930333 *Phragmatobia lineata* Newman & Donahue ♂, Lafayette Co., 28 August 2008
16. 930402 *Cycnia collaris* (Fitch) ♂, Grant Co., 24 May 1997
17. 930429 *Pygarctia spraguei* (Grote) ♂, Eau Claire Co., 7 June 1985
18. 930472 *Idia concisa* of authors, not (Walker) ♂, Bayfield Co., 28 July 1992
19. 930481 *Idia denticulalis* (Harvey) ♂, Sauk Co., 8 July 1986
20. 930496.1 *Zanclognatha dentata* Wagner & McCabe ♂, Sauk Co., 19 July 1986
21. 930506 *Macrochilo bivittata* (Grote) ♂, Door Co., 11 July 2002
22. 930552 *Palthis asopialis* (Guenée) ♂, Walworth Co., 23 September 2007
23. 930560 *Ledaea perditalis* (Walker) ♂, Crawford Co., 19 June 1996
24. 930590 *Colobochoyla interpuncta* (Grote) ♂, Kenosha Co., 14 June 2007
25. 930591 *Melanomma auricinctaria* Grote ♂, Crawford Co., 10 August 2002
26. 930667 *Parahyphenodes quadralis* Barnes & McDunnough ♂, Trempealeau Co., 29 June 1997
27. 930674 *Mycterophora inexplicata* (Walker) ♂, Ashland Co., 19 July 1999
28. 930682 *Metalectra tantillus* (Grote) ♂, Sauk Co., 7 August 1993
29. 930716 *Phytometra ernestinana* (Blanchard) ♂, La Crosse Co., 5 July 2007
30. 930847a *Catocala praeclara manitoba* Beutenmüller ♂, Pierce Co., 16 July 1994
31. 930863 *Phoberia ingenua* (Walker) ♂, Jackson Co., 6 April 1991
32. 930934 *Ptichodis bistrigata* Hübner ♂, Grant Co., 15 May 1982
33. 931033 *Zale phaecapna* Franclemont ♂, Grant Co., 29 April 1992
34. 931238 *Plusia magnimacula* D. & L. Handfield ♂, Jackson Co., 13 September 2002
35. 931241 *Bagisara rectifascia* (Grote) ♂, Burnett Co., 6 July 2000
36. 931247 *Bagisara gulnare* (Strecker) ♂, Rock Co., 15 July 1989
37. 931296 *Maliattha concinnimacula* (Guenée) ♂, Marinette Co., 6 June 2004
38. 931292 *Lithacodia musta* (Grote & Robinson) ♂, Green Co., 19 June 1983
39. 931312 *Ponometia virginalis* (Grote) ♂, Sauk Co., 3 August 1987
40. 931313 *Ponometia binocula* (Grote) ♂, Pierce Co., 20 May 1994
41. 931326 *Ponometia tortricina* (Zeller) ♂, Waukesha Co., 21 July 1989
42. 931343 *Tarache aprica* (Hübner) ♂, Kenosha Co., 1 September 1989
43. 931351 *Tarache terminimaculata* Grote ♂, Sauk Co., 21 July 1984
44. 931387 *Spraguea leo* (Guenée) ♂, Rock Co., 1 August 2005



Plate 2  
Natural Size 1:1



### Plate 3

1. 931434 *Acronicta falcula* (Grote) ♂, Jackson Co., 22 May 1993
2. 931441 *Acronicta quadrata* Grote ♂, Douglas Co., 13 June 1980
3. 931488 *Acronicta lanceolaria* (Grote) ♂, Douglas Co., 1 June 2005
4. 931492 *Acronicta dolli* (Barnes & McDunnough) ♂, Burnett Co., 13 May 1989
5. 931558 *Brachionycha borealis* (J. B. Smith) ♂, Jackson Co., 14 April 1994
6. 931771 *Calophasia lunula* (Hufnagel) ♂, Door Co., 8 August 2002
7. 931797 *Sympistis perscripta* (Guenée) ♂, Jackson Co., 22 May 1993
8. 931800 *Sympistis saundersiana* (Grote) ♂, Monroe Co., 23 August 1996
9. 931810 *Sympistis viridincta* (J. B. Smith) ♂, Adams Co., 26 August 2000
10. 931875 *Sympistis riparia* (Morrison) ♂, Manitowoc Co., 15 July 1993
11. 931909 *Sympistis piffardi* (Walker) ♂, Douglas Co., 13 August 1993
12. 931986 *Perigea xanthioides* Guenée ♂, Iowa Co., 14 September 1991
13. 932024 *Homophoberia cristata* Morrison Rock Co., 29 June 1986
14. 932053 *Heliothis borealis* (Hampson) ♂, Oneida Co., 18 May 1980
15. 932069 *Schinia indiana* (J. B. Smith) ♀, Eau Claire Co., 23 May 1987
16. 932073 *Schinia jaguarina* (Guenée) ♀, Crawford Co., 4 June 1989
17. 932077 *Schinia lucens* (Morrison) ♂, Sauk Co., 27 June 1987
18. 932095 *Schinia grandimedia* Hardwick ♂, Pierce Co., 6 August 1994
19. 932114 *Schinia septentrionalis* (Walker) ♂, Green Co., 7 September 1985
20. 932126 *Schinia mortua* (Grote) ♀, Crawford Co., 18 August 1996
21. 932145 *Schinia sanguinea* (Geyer) ♂, La Crosse Co., 6 August 2007
22. 932150 *Schinia* sp. near *bina* (Guenée) ♀, Bayfield Co., 25 June 1996
23. 932158 *Schinia tertia* (Grote) ♂, Jackson Co., 13 September 2002
24. 932208 *Phosphila turbulenta* Hübner ♂, Rock Co., 26 May 2015
25. 932249.51 *Chytonix sensilis* Grote ♂, Waushara Co., 24 July 1999
26. 932260 *Caradrina montana* (Bremer) ♂, La Crosse Co., 5 June 2007
27. 932308 *Apamea unanimitis* (Hübner) ♂, Bayfield Co., 25 June 2017
28. 932316 *Apamea inordinata* (Morrison) ♂, Manitowoc Co., 12 June 1993
29. 932347 *Apamea inficita* (Walker) ♂, Ashland Co., 24 August 2000
30. 932363 *Lateroligia ophiogramma* (Esper) ♂, Waupaca Co., 26 June 2004
31. 932385 *Oligia obtusa* (J. B. Smith) ♂, Douglas Co., 5 September 1997
32. 932421 *Photedes includens* (Walker) ♂, Grant Co., 23 June 2000
33. 932424 *Photedes enervata* (Guenée) ♂, Kenosha Co., 10 August 1989
34. 932428 *Hypocoena basistriga* (McDunnough) ♂, Ashland Co., 3 September 2005
35. 932437 *Rhizedra lutosa* (Hübner) ♂, Kenosha Co., 10 September 2010
36. 932507 *Papaipema aweme* (Lyman) ♂, Bayfield Co., 28 August 2016
37. 932508 *Papaipema beeriana* Bird ♂, Waukesha Co., 2 September 1989
38. 932511 *Papaipema silphii* Bird ♂, Waukesha Co., 2 September 1989
39. 932512 *Selicanis cinereola* J. B. Smith ♂, Monroe Co., 1 October 1996
40. 932514 *Bellura vulnifica* (Grote) ♀, Marathon Co., 24 June 2008
41. 932515 *Bellura brehmei* (Barnes & McDunnough) ♂, Ozaukee Co., 2 July 2003

Plate 3  
Natural Size 1:1



## Plate 4

1. 932535 *Lithophane franclemonti* Metzler ♂, Richland Co., 10 April 2002
2. 932539 *Lithophane lanei* Troubridge ♂, Ozaukee Co., 24 March 2004
3. 932550 *Lithophane querquera* Grote ♂, Sauk Co., 19 April 2014
4. 932551 *Lithophane scottae* Troubridge ♂, Lafayette Co., 13 March 2012
5. 932558 *Lithophane adipel* (Benjamin) ♀, Marinette Co., 29 April 2001
6. 932571 *Lithophane thujae* Webster & Thomas ♀, Florence Co., 11 October 1980
7. 932573 *Lithophane georgii* Grote ♂, Vilas Co., 15 May 2015
8. 932588.1 *Eupsilia schweitzeri* Lavitt & Wagner ♂, Monroe Co., 29 October 1981
9. 932595 *Sericaglaea signata* (French) ♂, Rock Co., 12 March 2012
10. 932598 *Metaxaglaea viatica* (Grote) ♂, Manitowoc Co., 5 November 2000
11. 932608 *Psectraglaea carnosae* (Grote) ♂, Bayfield Co., 20 September 1996
12. 932621 *Anathix aggressa* (J. B. Smith) ♂, Sheboygan Co., 13 September 1991
13. 932656 *Brachylomia discinigra* (Walker) ♂, Bayfield Co., 31 August 1992
14. 932675 *Enargia infumata* (Grote) ♂, Marathon Co., 24 June 2015
15. 932709 *Ufeus satyricus* Grote ♂, Douglas Co., 4 October 2007
16. 932720 *Properigea costa* (Barnes & Benjamin) ♂, Grant Co., 17 July 1982
17. 932756 *Stretchia plusiiformis* H. Edwards ♂, Marathon Co., 17 April 1977
18. 932776 *Orthosia segregata* (J. B. Smith) ♂, Door Co., 9 May 1992
19. 932863 *Coranarta luteola* (Grote & Robinson) ♀, Wood Co., 22 May 2008
20. 932878 *Lacanobia nevadae* (Grote) ♂, Price Co., 13 June 1997
21. 932884 *Trichordestra rugosa* (Morrison) ♂, Marathon Co., 12 June 2001
22. 932892 *Papestra quadrata* (J. B. Smith) ♂, Vilas Co., 15 May 2015
23. 932893 *Papestra biren* (Goeze) ♂, Vilas Co., 10 June 1983
24. 932905 *Sideridis artesta* (J. B. Smith) ♂, Sheboygan Co., 13 July 1991
25. 932907 *Sideridis congermana* (Morrison) ♂, Jackson Co., 4 June 1994
26. 932913 *Hadena ectypa* (Morrison) ♂, Crawford Co., 22 June 2002
27. 932960 *Leucania adjuta* (Grote) ♂, Jefferson Co., 13 October 1996
28. 933194 *Tricholita notata* Strecker ♂, Waukesha Co., 2 September 1989
29. 933218 *Anicla tenuescens* (J. B. Smith) ♂, Green Co., 2 August 1982
30. 933254 *Dichagyris reliqua* Lafontaine & Schweitzer ♂, Crawford Co., 18 August 1996
31. 933269 *Copablepharon michiganensis* Crabo & Lafontaine ♀, Manitowoc Co., 23 August 1992
32. 933320 *Euxoa divergens* (Walker) ♂, Bayfield Co., 24 June 1996
33. 933321 *Euxoa sinelinea* Hardwick ♀, Bayfield Co., 27 July 1992
34. 933328 *Euxoa quebecensis* (J. B. Smith) ♂, Bayfield Co., 19 June 1988
35. 933330 *Euxoa aurulenta* (J. B. Smith) ♂, Manitowoc Co., 11 June 1993
36. 933354 *Euxoa medialis* (J. B. Smith) ♂, Green Co., 23 September 2007
37. 933428 *Euxoa obeliscoides* (Guenée) ♂, Sauk Co., 3 August 1988
38. 933494 *Feltia manifesta* (Morrison) ♂, La Crosse Co., 8 May 2007

Plate 4  
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