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

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ABSTRACT

A total of 1209 species representing the thirteen families comprising the present checklist have been documented in Wisconsin, including 281 species of Geometridae and 732 species of Noctuidae. Distribution is summarized using the six major natural divisions of Wisconsin, and seasonal occurrence of adult specimens is reported. Examples of Wisconsin's diverse native habitat types in each of the natural divisions have been systematically inventoried, and species associated with wetland, bog, prairie, barrens and dune habitats are listed, along with species regarded as strays and migrants.

INTRODUCTION

This list is presented to report documented occurrences in Wisconsin of moth species belonging to thirteen families, comprising an estimated one-half of the state's total moth fauna. In addition, information on distribution and seasonal occurrence of adult specimens is summarized. This is the first comprehensive statewide list treating a large portion of Wisconsin's moths, and reflects a considerable amount of new information from intensive systematic survey efforts over the last 25 years in the great variety of habitat types found in the state. Comparable information is lacking from all adjoining states except Michigan, for which lists were published by Moore (1955) and amended by Newman and Nielsen (1973).

Although Wisconsin's butterflies are reasonably well-known and information, such as Ebner (1970), Kuehn (1983) and Ferge (1990) has been readily available, no comparable work has been published on the state's moth fauna. Previous 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 sources are not included in this list because of doubtful identifications and lack of verifiable voucher specimens. Covell (1970) compiled records of 222 Geometridae species based on his examination of specimens representing at least 30 counties.

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. 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 Figure 1.

(1) Lake Superior Lowland: A level to undulating glaciated plain formerly dominated by boreal forest of white spruce, balsam fir, white cedar, aspen and paper birch, but presently second growth forest similar to much of northern Wisconsin, with several coastal peat bog and wetland areas. Limited sand dunes occur along the Lake Superior shore and on some of the Apostle Islands.

(2) Northern Highland: A rolling, glaciated plain with mixed deciduous and coniferous forest. Maple, aspen, red pine and white pine are the major tree species. The region contains an abundance of lakes, extensive conifer swamps and peat bogs, and limited areas of pine barrens on dry, sandy soils.

(3) Lake Michigan Shoreland: A level to rolling glaciated region with forests composed of sugar maple, basswood, elm, hemlock and beech at its western limit, with interspersed wetland communities. Several sand dune areas occur along the Lake Michigan shore.

(4) Central Plains: A nearly level sand plain on a former glacial lake bottom, on which the original open jack pine barrens and oak savanna have largely succeeded to closed forests. This is a rich transitional area, with a mixture of western prairie and northern forest elements. Extensive wetlands, ranging from sedge meadows to tamarack bogs, occur on peat and muck soils in low-lying areas. Although not indicated on the map in Figure 1, the area centered in western Burnett County is closely similar to the Central Plains. The great majority of moth species solely recorded from the Central Plains also occur in western Burnett County.

(5) Southeastern Ridges and Lowlands: A glaciated region of ridges, lowlands and moraines, now largely utilized for farmland, with forested areas containing maple, basswood, ash, elm and oak. Many wetland types are present, including sedge meadows and relic bogs. Limited prairie remnants also occur.

(6) Southwestern Upland: A hilly, unglaciated region also known as the Driftless Area, dissected by river valleys. Once extensive areas of prairie and oak savanna are now farmland, with prairie remnants found mostly on steep, rocky sites and on sand plains along the Wisconsin River. The forested areas are composed of oak, hickory, basswood, maple, elm and walnut. Large areas of wet riverbottom forest occur along the lower Wisconsin and Mississippi River Valleys.

MATERIALS AND METHODS

This list is based almost entirely on adult moth specimens collected or examined by the authors. A small number of uncorroborated 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 Field Museum of Natural History, Chicago, 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. Records were obtained from several private collections. Specimen label data are being compiled and stored electronically using a Microsoft Access database.

Moth specimens collected by the authors were taken primarily at light, relying on a 15-watt blacklight 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 new moth records that could not have been obtained otherwise. Where site conditions allowed, baiting with a mixture of brown sugar and beer, or netting of moths at flowers was done.

Selected examples of Wisconsin's 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. Most moth species inhabiting a given locality can be accounted for by sampling at two-week intervals from April-May through early October. Due to the inhibitory effect of bright moonlight on nighttime moth collecting using light, it is preferable to conduct inventories over a minimum of two consecutive years, scheduling site visits once a month, coinciding as

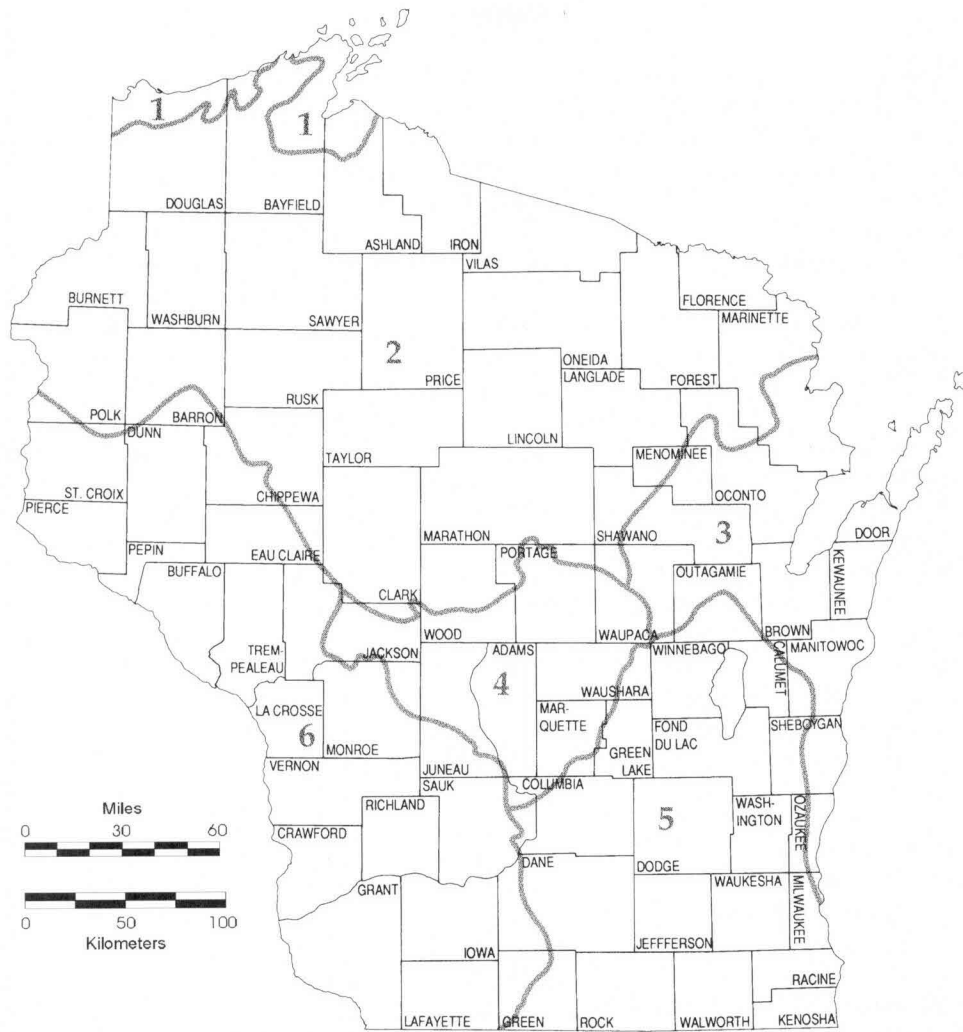


Fig. 1. Natural Divisions of Wisconsin from Hole and Germain (1994).

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 coincide favorably with the lunar cycle.

RESULTS

A total of 1209 species representing the thirteen families comprising the present checklist has been documented in Wisconsin, including 281 species of Geometridae and 732 species of Noctuidae. The nomenclature and arrangement of the species is generally based on Hodges (1983), with some exceptions. Changes in various names reflect subsequent taxonomic revisions appearing in McGuffin (1977), McCabe (1980), Rindge (1985a) and (1985b), Lafontaine (1987), Covell (1989), Kononenko, Lafontaine and Mikkola (1989), Poole (1989), Bolte (1990), Ferguson, Hilburn and Wright (1991), Lafontaine and Poole (1991), Ferguson (1993), Troubridge and Fitzpatrick (1993), Hardwick (1996), Tuskes, Tuttle and Collins (1996), Crabo and Lafontaine (1997), Handfield, Landry, Landry and Lafontaine (1997), Lafontaine (1998) and Scoble et al. (1999). The Hodges checklist number appears before each species name. In some instances, generic revisions required changes in checklist numbers due to regrouping of species to maintain systematic order. Where these changes have been made, the former checklist number is indicated after the species name. For the Noctuidae, many of these modifications follow Rings et al. (1992) and Grehan et al. (1995).

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 ranges of moth species extend into bordering counties of adjacent divisions, creating the impression that a species is more widespread than it actually is. However, the ranges of the great majority of species 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 farther north in the state or in close proximity to the Great Lakes.

THYATIRIDAE

Thyatirinae

HABROSYNE Hübner, 1821

6235 *scripta* (Gosse, 1840). Divisions 1, 2, 5, late May-June

6236 *gloriosa* (Guenée, 1852). Statewide, mid June-mid August

PSEUDOTHYATIRA Grote, 1865

6237 *cymatophoroides* (Guenée, 1852). Statewide, mid June-early August

EUTHYATIRA Grote, 1865

6240 *pudens* (Guenée, 1852). Statewide, mid April-mid May

DREPANIDAE

Drepaninae

DREPANA Schrank, 1802

6251 *arcuata* Walker, 1855. Statewide, May-mid August

6252 *bilineata* (Packard, 1864). Statewide, late May-mid August

EUDEILINIA Packard, 1876

6253 *herminiata* (Guenée, 1857). Divisions 4, 5, 6, June-July

Oretinae

ORETA Walker, 1855

6255 *rosea* (Walker, 1855). Statewide, July-August

GEOMETRIDAE

Archiearinae

ARCHIEARIS Hübner, 1823

6256 *infans* (Möschler, 1862). Statewide, late March-early May

Alsophilinae

ALSOPHILA Hübner, 1825

6258 *pometaria* (Harris, 1841). Statewide, late October-mid November

Ennominae

HELIOMATA Grote & Robinson, 1866

6261 *cycladata* Grote & Robinson, 1866. Statewide, mid May-early July

PROTITAME McDunnough, 1939

6270 *virginalis* (Hulst, 1900). Divisions 2, 3, 4, 5, 6, late May-late August

MELLILLA Grote, 1873

6271.1 *xanthometata* (Walker, 1862). [formerly 6322] Division 6, early June-early July

EUMACARIA Packard, 1873

6272 *latiferrugata* (Walker, 1863). Statewide, mid May-late August

MACARIA Curtis, 1826

6273 *pustularia* (Guenée, 1858). Statewide, early June-early September

6274 *ribearia* (Fitch, 1848). Statewide, late May-July

6278 *evagaria* (Hulst, 1900). Statewide, late May-late August

6279 *occiduaris* (Packard, 1874). Division 2, late June-late July

6280a *andersoni orientis* (Ferguson, 1953). Divisions 1, 2, 4, mid June-mid August

6282 *argillacearia* (Packard, 1874). Divisions 2, 3, 4, early June-August

6283 *sulfurea* (Packard, 1873). Divisions 1, 2, 3, 4, 6, mid June-early September

6284 *amboflava* (Ferguson, 1953). Division 6, early July

6286 *brunneata* (Thunberg, 1784). Divisions 1, 2, 3, 4, June-August

6287 *anataria* (Swett, 1913). Division 2, early July

6290 *loricaria julia* (Hulst, 1896). Divisions 2, 4, 5, June-mid July

6292 *exauspicata* Walker, 1861. Divisions 2, 4, 5, 6, mid June-early August

6294 *abruptata* (Walker, 1862). Divisions 4, 6, mid June-mid July

6299 *coortaria enigmata* (Barnes & McDunnough, 1917). Divisions 3, 5, 6, early June-early August

6303 *subcessaria* (Walker, 1861). Statewide, mid June-mid August

6304 *bitactata* (Walker, 1862). Divisions 2, 5, early June-early August

6321 *truncataria* (Walker, 1862). Divisions 1, 2, 3, 4, 5, early May-early July

6326 *aemulataria* Walker, 1861. Statewide, late May-August

6330 *ulsterata* (Pearsall, 1913). Divisions 1, 2, 3, 4, late May-August

6331 *promiscuata* (Ferguson, 1974). Division 5, mid June

6332 *punctolineata* Packard, 1873. Divisions 3, 5, late September-early October

6339 *transitaria* Walker, 1861. Divisions 2, 4, 5, 6, early June-late August

6340 *minorata* Packard, 1873. Statewide, late May-late August

6341.1 n. sp. Ferguson (near *bicolorata* (Fabricius, 1798)). Statewide, early June-mid September

- 6342 *bisignata* Walker, 1866. Statewide, mid May-mid September
 6343 *sexmaculata* Packard, 1867. Statewide, mid May-late August
 6344a *signaria dispuncta* Walker, 1860. Divisions 1, 2, 3, 4, 5, late May-July
 6347 *pinistrobata* Ferguson, 1972. Divisions 1, 2, 3, 4, 5, late May-mid September
 6348 *fissinotata* (Walker, 1863). Divisions 1, 2, 3, 5, late May-mid August
 6349 *marmorata* (Ferguson, 1972). Division 2, early June-early August
 6350 *submarmorata* Walker, 1861. Divisions 2, 3, 4, 5, June-early August
 6351 *oweni* (Swett, 1907). Statewide, late May-mid August
 6353 *multilineata* Packard, 1873. Divisions 4, 6, mid May-August
DIGRAMMIA Gumpfenberg, 1887
 6357 *eremiata* (Guenée, 1858). Divisions 4, 6, early May-late July
 6358 *ordinata* (Walker, 1862). [*maculifascia* Hulst, 1896 is a synonym (Scoble et al. 1999)]. Divisions 5, 6, late May-late August
 6362 *continuata* (Walker, 1862). [*orillata* Walker, 1863 is a synonym (Scoble et al. 1999)]. Statewide, early May-early September
 6373 *denticulata* (Grote, 1883). Statewide, June-late August
 6386 *ocellinata* (Guenée, 1858). Divisions 3, 4, 5, 6, late May-September
 6396 *neptaria trifasciata* (Packard, 1874). Divisions 2, 3, late May-early August
 6397 *mellistrigata* (Grote, 1873). Divisions 2, 3, 4, 5, mid May-late August
 6399 *subminiata* (Packard, 1874). Divisions 4, 5, 6, late May-early September
 6405 *gnophosaria* (Guenée, 1858). Statewide, early May-mid September
 6410 *pallidata* (Packard, 1873). Division 6, May-mid July
ISTURGIA Hübner, 1823
 6419 *dislocaria* (Packard, 1876). Divisions 4, 5, 6, mid May-late June
ORTHOFIDONIA Packard, 1876
 6428 *tinctaria* (Walker, 1860). Divisions 2, 6, early May-mid June
 6429 *exornata* (Walker, 1862). Division 2, early May-mid June
 6430 *flavivenata* (Hulst, 1898). Divisions 2, 4, early May-early June
HESPERUMIA Packard, 1873
 6431 *sulphuraria* Packard, 1873. Divisions 2, 4, 5, late June-early August
EMATURGA Lederer, 1853
 6436 *amitaria* (Guenée, 1858). Divisions 2, 4, 5, 6, late May-early August
HYPOMECEIS Hübner, 1821
 6439 *umbrosaria* (Hübner, 1813). Divisions 4, 6, June
GLENA Hulst, 1896
 6449 *cribrataria* (Guenée, 1858). Divisions 2, 3, June
STENOPORPIA McDunnough, 1920
 6459 *polygrammaria* (Packard, 1876). Divisions 2, 4, 6, June
TORNOS Morrison, 1875
 6486 *scolopacinaria* (Guenée, 1858). Divisions 5, 6, early May-late July
AETHALURA McDunnough, 1920
 6570 *intertexta* (Walker, 1860). Divisions 1, 2, 3, 4, mid April-early August
IRIDOPSIS Warren, 1894
 6582 *vellivolata* (Hulst, 1881). Divisions 2, 3, 4, 6, late April-mid June
 6583 *ephyraria* (Walker, 1860). Statewide, early June-late August
 6584 *humaria* (Guenée, 1858). Divisions 1, 2, 4, 5, late April-late August
 6588 *larvaria* (Guenée, 1858). Statewide, late May-mid August
ANAVITRINELLA McDunnough, 1922

- 6590 *pampinaria* (Guenée, 1858). Statewide, early May-August
CLEORA Curtis, 1825
 6594 *sublunaria* (Guenée, 1858). Division 6, May
 6595 *projecta* (Walker, 1860). Divisions 2, 4, May-early July
ECTROPIS Hübner, 1825
 6597 *crepuscularia* (Denis & Schiffermüller, 1775). Statewide, mid April-early September
HYPAGYRTIS Hübner, 1818
 6597.1 *unipunctata* (Haworth, 1809). [formerly 6654] Statewide, late May-late August
 6597.3 *piniata* (Packard, 1870). [formerly 6656] Divisions 1, 2, 3, 4, June-mid August
PROTOBOARMIA McDunnough, 1920
 6598 *porcelaria indicataria* (Walker, 1860). Statewide, late May-late August
EPIMECIS Hübner, 1825
 6599 *hortaria* (Fabricius, 1794). Division 5, early July
MELANOLOPHIA Hulst, 1896
 6620 *canadaria* (Guenée, 1858). Statewide, late April-mid August
 6621 *signataria* (Walker, 1860). Statewide, late April-early July
EUFIDONIA Packard, 1876
 6637 *convergaria* (Walker, 1860). Divisions 1, 2, 3, 4, 5, mid May-mid July
 6639 *discospilata* (Walker, 1862). Divisions 1, 2, 3, 4, 5, late May-early July
BISTON Leach, 1815
 6640a *betularia cognataria* (Guenée, 1858). Statewide, mid May-September
LYCIA Hübner, 1825
 6651 *ursaria* (Walker, 1860). Divisions 2, 3, 4, 5, 6, early April-late May
PHIGALIA Duponchel, 1829
 6658 *titea* (Cramer, 1780). Statewide, late March-late May
 6660 *strigataria* (Minot, 1869). Statewide, mid March-May
PALEACRITA Riley, 1876
 6662 *vernata* (Peck, 1795). Statewide, early March-early May
 6663 *merricata* Dyar, 1903. Divisions 4, 6, late March-late April
ERANNIS Hübner, 1825
 6665 *tiliaria* (Harris, 1841). Statewide, late September-early November
LOMOGRAPHIA Hübner, 1825
 6666 *semiclarata* (Walker, 1866). Divisions 2, 3, 4, 5, early May-early July
 6667 *vestaliata* (Guenée, 1858). Statewide, May-early July
 6668 *glomeraria* (Grote, 1881). Statewide, mid April-early June
CABERA Treitschke, 1825
 6677 *erythemaria* Guenée, 1858. Statewide, late May-early October
 6678 *variolaria* Guenée, 1858. Statewide, mid May-early September
 6680 *quadrifasciaria* (Packard, 1873). Divisions 3, 4, 5, 6, June
APODREPANULATRIX Rindge, 1949
 6693 *liberaria* (Walker, 1860). Divisions 4, 5, late August-early September
ERASTRIA Hübner, 1813
 6704 *coloraria* (Fabricius, 1798). Divisions 3, 4, 5, 6, late April-mid July
LYTROSIS Hulst, 1896
 6720 *unitaria* (Herrich-Schäffer, 1854). Statewide, June-July

EUCHLAENA Hübner, 1823

- 6724 *serrata* (Drury, 1773). Statewide, June-mid August
- 6726 *obtusaria* (Hübner, 1813). Statewide, June-August
- 6728 *effecta* (Walker, 1860). Statewide, late June-late July
- 6729 *johnsonaria* (Fitch, 1870). Statewide, early June-late August
- 6731 *madusaria* (Walker, 1860). Divisions 2, 4, 6, June-mid August
- 6734 *marginaria* (Minot, 1869). Divisions 1, 2, 4, 5, mid May-early July
- 6737 *tigrinaria* (Guenée, 1858). Statewide, early June-mid July
- 6738 *milnei* McDunnough, 1945. Division 6, late June-early July
- 6739 *irrarria* Barnes & McDunnough, 1916. Statewide, early June-early July

XANTHOTYPE Warren, 1894

- 6740 *urticaria* Swett, 1918. Statewide, late May-early September
- 6743 *sospeta* (Drury, 1773). Statewide, early June-August

PERO Herrich-Schäffer, 1855

- 6753 *honestaria* (Walker, 1860). Statewide, late April-August
- 6754 *ancetaria* (Hübner, 1806). Statewide, May-August
- 6755 *morrisonaria* (Hy. Edwards, 1881). Statewide, late May-late July

PHAEOURA Hulst, 1896

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

CAMPAEA Lamarck, 1816

- 6796 *perlata* (Guenée, 1858). Statewide, late May-September

ENNOMOS Treitschke, 1825

- 6797 *magnaria* Guenée, 1858. Statewide, August-early November
- 6798 *subsignaria* (Hübner, 1823). Statewide, late June-early September

SPODOLEPIS Hulst, 1896

- 6799 *substriataria* Hulst, 1896. Divisions 2, 4, late April-late May

PETROPHORA Hübner, 1811

- 6804 *subaequaria* (Walker, 1860). Statewide, May-early August

TACPARIA Walker, 1860

- 6806 *atropunctata* (Packard, 1874). Divisions 1, 2, mid May-mid June
- 6807 *detersata* (Guenée, 1858). Statewide, mid May-mid July

HOMOCHLODES Hulst, 1896

- 6812 *fritillaria* (Guenée, 1858). Statewide, mid May-late July

GUENERIA Packard, 1876

- 6815 *similaria* (Walker, 1860). Divisions 2, 5, mid June-mid July

SELENIA Hübner, 1823

- 6817 *alciphearia* Walker, 1860. Divisions 1, 2, early May-late June
- 6818 *kentaria* (Grote & Robinson, 1867). Divisions 1, 2, 6, May-late July

METANEMA Guenée, 1858

- 6819 *inatomaria* Guenée, 1858. Statewide, mid May-mid August
- 6820 *determinata* Walker, 1866. Divisions 1, 2, 3, 4, 5, late May-mid August

METARRANTHIS Warren, 1894

- 6821 *warneri* (Harvey, 1874). Divisions 2, 3, 4, late May-late June
- 6822 *duaria* (Guenée, 1858). Statewide, early May-late June
- 6823 *angularia* Barnes & McDunnough, 1917. Divisions 2, 4, 5, 6, late May-early July
- 6824 *amyrisaria* (Walker, 1860). Divisions 2, 4, 5, late May-early July
- 6825 *indeclinata* (Walker, 1861). Divisions 2, 4, 5, late May-late June

- 6826 *hypochraria* (Herrich-Schäffer, 1854). Statewide, mid April-early August
 6827 *refractaria* (Guenée, 1858). Divisions 1, 2, 3, 4, 5, June
 6832 *obfirmaria* (Hübner, 1823). Division 5, late June
CEPPHIS Hübner, 1823
 6835 *armataria* (Herrich-Schäffer, 1855). Divisions 2, 3, 4, 5, 6, late April-late August
PROBOLE Herrich-Schäffer, 1855
 6837 *alienaria* Herrich-Schäffer, 1855. Statewide, mid May-late July
 6839.1 *nyssaria* (Guenée, 1858). Statewide, early May-early August
PLAGODIS Hübner, 1823
 6840 *serinaria* (Herrich-Schäffer, 1855). Statewide, mid May-early July
 6841 *kuetzingi* (Grote, 1876). Divisions 2, 3, 5, 6, early June-mid July
 6842 *phlogosaria* (Guenée, 1858). Statewide, May-early August
 6843 *fervidaria* (Herrich-Schäffer, 1855). Statewide, early May-August
 6844 *alcoolaria* (Guenée, 1858). Statewide, late May-mid August
 6844.1 *pulveraria occiduaria* (Walker, 1861). [formerly 6836] Statewide, mid May-early August
CARIPETA Walker, 1863
 6863 *divisata* Walker, 1863. Divisions 1, 2, 3, 5, late June-early August
 6864 *piniata* (Packard, 1870). Divisions 1, 2, 3, 4, 5, late May-early August
 6867 *angustiorata* Walker, 1863. Divisions 1, 2, 3, 4, early June-mid August
BESMA Capps, 1943
 6884 *endropiaria* (Grote & Robinson, 1867). Statewide, June-mid July
 6885 *quercivoraria* (Guenée, 1858). Statewide, early May-August
LAMBDINA Capps, 1943
 6888 *fiscellaria* (Guenée, 1858). Statewide, late August-early October
 6894a *fervidaria athasaria* (Walker, 1860). Statewide, mid May-early July
CINGILIA Walker, 1862
 6898 *catenaria* (Drury, 1773). Statewide, early August-early October
NEPYTIA Hulst, 1896
 6906 *canosaria* (Walker, 1863). Statewide, mid July-early October
 6909 *pellucidaria* (Packard, 1873). Divisions 1, 2, 3, 4, 5, September-early October
SICYA Guenée, 1858
 6912 *macularia* (Harris, 1850). Statewide, early June-late August
EUSARCA Hübner, 1813
 6941 *confusaria* Hübner, 1813. Statewide, June-late August
TETRACIS Guenée, 1858
 6963 *crocallata* Guenée, 1858. Statewide, late May-July
 6964 *cachexiata* Guenée, 1858. Statewide, late April-July
EUGONOBAPTA Warren, 1894
 6965 *nivosaria* (Guenée, 1858). Statewide, June-early August
EUTRAPELA Hübner, 1809
 6966 *clemataria* (J. E. Smith, 1797). Statewide, late April-mid June
PATALENE Herrich-Schäffer, 1854
 6974a *olyzonaria puber* (Grote & Robinson, 1867). Division 6, early August
PROCHOERODES Grote, 1883
 6982 *lineola* (Goeze, 1781). Statewide, late June-early October
ANTEPIONE Packard, 1876

- 6987 *thisoaria* (Guenée, 1858). Divisions 2, 4, 5, 6, late May-late July
NEMATOCAMPA Guenée, 1858
 7009 *resistaria* (Herrich-Schäffer, 1856). Statewide, early June-late September
Geometrinae
NEMORIA Hübner, 1818
 7046a *bistriaria siccifolia* (Fitch, 1857). Division 6, late June
 7047 *rubrifrontaria* (Packard, 1873). Divisions 2, 5, 6, late May-June
 7048 *mimosaria* (Guenée, 1858). Statewide, early May-late August
DICHORDA Warren, 1900
 7053 *iridaria* (Guenée, 1858). Divisions 3, 5, 6, June-late July
SYNCHLORA Guenée, 1858
 7058 *aerata aerata* (Fabricius, 1798). Divisions 3, 4, 5, 6, late May-August
 7058a *aerata albolineata* Packard, 1873. Division 1, 2, 4, late June-late August
CHLOROCHLAMYS Hulst, 1896
 7071 *chloroleucaria* (Guenée, 1858). Statewide, mid May-early September
HETHEMIA Ferguson, 1969
 7084 *pistasciaria* (Guenée, 1858). Divisions 2, 3, 4, 5, mid May-early July
MESOTHEA Warren, 1901
 7085 *incertata* (Walker, 1863). Divisions 2, 4, early May-early June
Sterrhinæ
LOBOCLETA Warren, 1906
 7094 *ossularia* (Geyer, 1837). Division 5, late August
 7097 *plemyraria* (Guenée, 1858). Divisions 3, 4, 5, 6, May-July
IDAEA Treitschke, 1825
 7102 *bonifata* (Hulst, 1887).
 7114 *demissaria* (Hübner, 1831). Statewide, late May-mid August
 7120 *violacearia* (Walker, 1861). Division 6, late June
 7125 *rotundopennata* (Packard, 1876). Division 2, late May-late June
PLEUROPRUCHA Möschler, 1890
 7132 *insulsaria* (Guenée, 1858). Statewide, June-mid October
CYCLOPHORA Hübner, 1822
 7136 *packardi* (Prout, 1936). Divisions 2, 4, 5, 6, early June-mid September
 7139 *pendulinaria* (Guenée, 1858). Statewide, mid May-mid September
 7140 *nanaria* (Walker, 1861). Divisions 3, 4, 5, late August-early October
HAEMATOPSIS Hübner, 1823
 7146 *grataria* (Fabricius, 1798). Statewide, late May-early October
TIMANDRA Duponchel, 1829
 7147 *amaturaria* Walker, 1866. Divisions 2, 5, mid June-mid September
SCOPULA Schrank, 1802
 7157 *cacuminaria* (Morrison, 1874). Statewide, mid June-early September
 7159 *limboundata* (Haworth, 1809). Statewide, early June-early September
 7162 *ancellata* (Hulst, 1887). Statewide, June-August
 7164 *junctaria* (Walker, 1861). Divisions 2, 3, early May-late July
 7165 *quadrilineata* (Packard, 1876). Division 5, early June
 7166 *frigidaria* (Möschler, 1860). Division 2, early July
 7169 *inductata* (Guenée, 1858). Statewide, early May-mid September
LEPTOSTALES Möschler, 1890
 7179 *rubromarginaria* (Packard, 1871). Division 2, late May

Larentiinae

DYSSTROMA Hübner, 1825

- 7182 *citrata* (Linnaeus, 1761). Divisions 1, 2, 3, 4, early June-August
- 7187a *truncata traversata* (Kellicott, 1886). Division 2, early July
- 7188 *walkerata* (Pearsall, 1909). Divisions 2, 3, late May-early July
- 7189 *hersiliata* (Guenée, 1858). Statewide, mid May-late August

EULITHIS Hübner, 1821

- 7196 *diversilineata* (Hübner, 1813). Statewide, late June-mid September
- 7197 *gracilineata* (Guenée, 1858). Statewide, early June-mid September
- 7199 *propulsata* (Walker, 1862). Divisions 1, 2, 3, early July-late August
- 7201 *testata* (Linnaeus, 1761). Divisions 1, 2, 3, 4, 5, mid August-early November
- 7203 *molliculata* (Walker, 1862). Divisions 3, 4, 5, 6, mid June-late August
- 7205 *flavibrunneata* (McDunnough, 1943). Divisions 2, 3, 4, 5, early July-mid August
- 7206 *explanata* (Walker, 1862). Statewide, late June-August
- 7208 *serrataria* (Barnes & McDunnough, 1917). Divisions 1, 2, 3, July-August

EUSTROMA Hübner, 1825

- 7210 *semiatrata* (Hulst, 1881). Division 2, early June-early August

ECLIPTOPERA Warren, 1894

- 7213 *silacea albolineata* (Packard, 1873). Division 2, mid June-mid September

PLEMYRIA Hübner, 1825

- 7216 *georgii* Hulst, 1896. Divisions 1, 2, 3, late July-late August

THERA Stephens, 1831

- 7217 *juniperata* (Linnaeus, 1758). Division 3, early October
- 7218 *contractata* (Packard, 1873). Divisions 1, 3, mid July-mid September

HYDRIOMENA Hübner, 1825

- 7229 *perfracta* Swett, 1910. Divisions 1, 2, 3, early May-early July
- 7235 *divisaria* (Walker, 1860). Division 2, early May-mid June
- 7236 *renunciata* (Walker, 1862). Divisions 1, 2, 3, 4, 5, early May-early August
- 7237a *transfigurata manitoba* Barnes & McDunnough, 1917. Statewide, late April-May
- 7254 *ruberata* (Freyer, 1831). Divisions 2, 3, 4, 5, early May-early July

TRIPHOSA Stephens, 1829

- 7285a *haesitata affirmaria* (Walker, 1860). Divisions 2, 3, 5, late April-early May

CORYPHISTA Hulst, 1896

- 7290 *meadii* (Packard, 1874). Statewide, May-late October

RHEUMAPTERA Hübner, 1822

- 7291 *undulata* (Linnaeus, 1758). Division 2, late June-late July
- 7292 *prunivorata* (Ferguson, 1955). Statewide, late May-mid September
- 7293a *hastata gothicata* (Guenée, 1858). Divisions 2, 3, 5, 6, late May-early July
- 7294 *subhastata* (Nolcken, 1870). Division 2, June

MESOLEUCA Hübner, 1825

- 7307 *ruficillata* (Guenée, 1858). Statewide, late May-August

SPARGANIA Guenée, 1858

- 7312 *magnoliata* Guenée, 1858. Divisions 2, 3, mid June-September
- 7313 *luctuata obductata* (Möschler, 1860). Division 2, mid August

PERIZOMA Hübner, 1825

- 7316 *basaliata* (Walker, 1862). Divisions 2, 3, 4, 6, late June-August

- ANTICLEA* Stephens, 1831
 7329 *vasiliata* Guenée, 1858. Divisions 1, 2, 3, 4, 5, early April-early June
 7330 *multiferata* (Walker, 1863). Divisions 2, 3, 4, 5, late May-early June
- STAMNODES* Guenée, 1858
 7333 *gibbicostata* (Walker, 1862). Divisions 2, 4, 5, late August-mid September
- XANTHORHOE* Hübner, 1825
 7368 *labradorensis* (Packard, 1867). Divisions 2, 3, 4, late May-early September
 7369 *packardata* McDunnough, 1945. Divisions 2, 3, 5, late July-early August
 7370 *abrasaria congregata* (Walker, 1862). Divisions 1, 2, 5, late June-late August
 7371 *iduata* (Guenée, 1858). Divisions 2, 4, late June-July
 7384 *decoloraria* (Esper, 1806). Divisions 1, 2, July
 7388 *ferrugata* (Clerck, 1759). Statewide, early May-early September
 7390 *lacustrata* (Guenée, 1858). Divisions 1, 2, 4, 5, late April-early September
 7391 *dentilinea* Barnes & McDunnough, 1913. Division 2, mid August
- EPIRRHOE* Hübner, 1825
 7394 *alternata* (Muller, 1764). Divisions 2, 3, 5, 6, late May-late August
- EUPHYIA* Hübner, 1825
 7399a *intermediata* (Guenée, 1858). Statewide, mid May-mid October
- ORTHONAMA* Hübner, 1825
 7414 *obstipata* (Fabricius, 1794). Statewide, late April-November
 7415 *evansi* McDunnough, 1920. Divisions 4, 5, late June-mid August
- COSTACONVEXA* Agenjo, 1949
 7416 *centrostrigaria* (Wollaston, 1858). Statewide, late April-early November
- HYDRELIA* Hübner, 1825
 7419 *lucata* (Guenée, 1858). Divisions 2, 3, 5, 6, late May-mid August
 7420 *condensata* (Walker, 1862). Divisions 2, 5, late May-early July
 7423 *albifera* (Walker, 1866). Statewide, late May-mid August
- VENUSIA* Curtis, 1839
 7428 *comptaria* (Walker, 1860). Divisions 2, 4, 5, 6, late April-late May
- TRICHODEZIA* Warren, 1895
 7430 *albovittata* (Guenée, 1858). Statewide, early May-August
- EPIRRITA* Hübner, 1822
 7433a *autumnata henshawi* (Swett, 1917). Statewide, late September-late October
- OPEROPHTERA* Hübner, 1825
 7437a *bruceata* (Hulst, 1886). Statewide, mid October-mid November
- EUBAPHE* Hübner, 1823
 7440 *mendica* (Walker, 1854). Statewide, late May-August
- HORISME* Hübner, 1825
 7445 *intestinata* (Guenée, 1858). Statewide, early May-late August
- EUPITHECIA* Curtis, 1825
 7449 *palpata* Packard, 1873. Divisions 2, 3, 4, 5, late May-mid August
 7459 *columbiata* (Dyar, 1904). Divisions 2, 4, 5, 6, late April-early June
 7474 *miserulata* Grote, 1863. Statewide, early May-late October
 7476 *misturata* (Hulst, 1896). Divisions 2, 3, late may-mid August
 7481 *coloradensis* (Hulst, 1896). Division 2, early June
 7483 *regina* Taylor, 1906. Division 4, early June
 7485 *borealis* (Hulst, 1898). Division 2, early June
 7487 *subfuscata* (Haworth, 1809). Divisions 1, 2, 3, late May-mid July

- 7489 *lariciata* (Freyer, 1841). Division 2, late May-early June
 7491 *fletcherata* Taylor, 1907. Divisions 1, 5, early May-mid August
 7492 *casloata* (Dyar, 1904). Division 1, late June
 7495 *affinata* Pearsall, 1908. Divisions 3, 6, late August-early September
 7509.1 *matheri* Rindge, 1985. Divisions 2, 4, 6, late April
 7518a *intricata taylorata* Swett, 1907. Divisions 3, 4, 5, late May-early July
 7520c *satyrata dodata* Taylor, 1906. Division 3, early June
 7522 *nimbicolor* (Hulst, 1896). Divisions 1, 2, late May-early June
 7523 *strattonata* Packard, 1873. Division 2, 4, late May-early June
 7524 *cimicifugata* Pearsall, 1908. Divisions 3, 5, early June-mid July
 7526 *russeliata* Swett, 1908. Divisions 2, 4, 6, late May-late July
 7527 *ammonata* McDunnough, 1929. Division 2, late May
 7528 *assimilata* Doubleday, 1856. Divisions 2, 3, 5, 6, mid June-mid August
 7529 *absinthiata* (Clerck, 1759). Divisions 2, 3, 5, 6, late July-August
 7530 *swettii* Grossbeck, 1907. Divisions 2, 4, 5, 6, mid April-late May
 7540 *perfusca* (Hulst, 1898). Divisions 1, 2, 3, early June-late July
 7543 *annulata* (Hulst, 1896). Division 2, late April-mid May
 7551 *interruptofasciata* Packard, 1873. Divisions 3, 4, 5, early August-early October
 7565 *bowmani* Cassino & Swett, 1923. Division 2, early June
 7575 *mutata* Pearsall, 1908. Division 5, mid July
 7594 *anticaria* Walker, 1862. Divisions 3, 4, 5, May-mid June
 7605 *ravocostaliata* Packard, 1876. Statewide, late April-early May
- ACASIS** Duponchel, 1845
 7635 *viridata* (Packard, 1873). Divisions 2, 3, 5, late April-late August
- CLADARA** Hulst, 1896
 7637 *limitaria* (Walker, 1860). Statewide, late April-early June
 7639 *atroliturata* (Walker, 1863). Divisions 2, 4, 6, early April-late May
- LOBOPHORA** Curtis, 1825
 7640 *nivigerata* Walker, 1862. Statewide, late April-mid August
- HETEROPHLEPS** Herrich-Schäffer, 1854
 7645 *refusaria* (Walker, 1861). Divisions 2, 5, 6, late May-early July
 7647 *triguttaria* Herrich-Schäffer, 1854. Statewide, late May-late July
- DYSPTERIS** Hübner, 1818
 7648 *abortivaria* (Herrich-Schäffer, 1855). Divisions 3, 4, 5, 6, early May-early September

EPIPLEMIDAE

- CALLEZZIA** Packard, 1876
 7650 *amorata* Packard, 1864. Division 2, early July
- CALLEDAPTERYX** Grote, 1868
 7653 *dryopterata* Grote, 1868. Divisions 3, 5, 6, mid June-mid July

MIMALLONIDAE

- LACOSOMA** Grote, 1864
 7659 *chiridota* Grote, 1864. Divisions 5, 6, late June
- CICINNUS** Blanchard, 1852
 7662 *melsheimeri* (Harris, 1841). Divisions 4, 5, 6, late May-mid June

APATELODIDAE

APATELODES Packard, 1864

7663 *torrefacta* (J. E. Smith, 1797). Divisions 5, 6, June-mid July

OLCECLOSTERA Butler, 1878

7665 *angelica* (Grote, 1864). Divisions 2, 5, 6, late June-late July

LASIOCAMPIDAE

Macromphaliinae

TOLYPE Hübner, 1820

7670 *velleda* (Stoll, 1791). Statewide, late August-September

7673 *laricis* (Fitch, 1856). Divisions 1, 2, 3, 4, late August-September

Gastropachinae

HETEROPACHA Harvey, 1874

7685 *rileyana* Harvey, 1874. Division 6, mid May-mid August

PHYLLODESMA Hübner, 1820

7687 *americana* (Harris, 1841). Statewide, mid May-July

Lasiocampinae

MALACOSOMA Hübner, 1820

7698 *disstria* Hübner, 1820. Statewide, late June-July

7701 *americanum* (Fabricius, 1793). Statewide, late June- mid July

SATURNIIDAE

Citheroniinae

EACLES Hübner, 1819

7704 *imperialis* (Drury, 1773). Divisions 5, 6, July

SPHINGICAMPA Walsh, 1864

7709 *bicolor* (Harris, 1841). Division 6, May, July

7712 *bisecta* (Lintner, 1879). Division 5. Type locality is Racine, Wisconsin.

DRYOCAMPA Harris, 1833

7715 *rubicunda* (Fabricius, 1793). Statewide, late May-June

ANISOTA Hübner, 1820

7716 *stigma* (Fabricius, 1775). Divisions 2, 5, mid June-mid July

7719 *senatoria* (J. E. Smith, 1797). Divisions 2, 4, 5, mid June-late July

7723 *virginiensis* (Drury, 1773). Divisions 2, 4, 5, 6, late May-mid June

Hemileucinae

HEMILEUCA Walker, 1855

7730 *maia* (Drury, 1773) complex. Divisions 2, 4, 5, late September-early October

AUTOMERIS Hübner, 1819

7746 *io* (Fabricius, 1775). Statewide, late May-June

Saturniinae

ANTHERAEA Hübner, 1819

7757 *polyphemus* (Cramer, 1776). Statewide, late May-June

ACTIAS Leach, 1815

7758 *luna* (Linnaeus, 1758). Statewide, mid May-June

CALLOSAMIA Packard, 1864

7764 *promethea* (Drury, 1773). Statewide, June

HYALOPHORA Duncan, 1841

7767 *cecropia* (Linnaeus, 1758). Statewide, late May-June

7768 *columbia columbia* (S. I. Smith, 1865). Division 2, late May-early June

SPHINGIDAE

Sphinginae

AGRIUS Hübner, 1819

7771 *cingulata* (Fabricius, 1775). Division 5, early October

MANDUCA Hübner, 1807

7775 *sexta* (Linnaeus, 1763). Divisions, 4, 5, 6, July-September

7776 *quinquemaculata* (Haworth, 1803). Statewide, July-September

DOLBA Walker, 1856

7784 *hyloeus* (Drury, 1773). Divisions 2, 4, early July-mid August

CERATOMIA Harris, 1839

7786 *amyntor* (Geyer, 1835). Statewide, June-July

7787 *undulosa* (Walker, 1856). Statewide, June-July

7789 *catalpae* (Boisduval, 1875). Divisions 5, 6, mid-July-early September

7790 *hageni* Grote, 1874. Division 6, late July-early August

SPHINX Linnaeus, 1758

7796 *eremitus* (Hübner, 1823). Statewide, July

7802 *chersis* (Hübner, 1823). Statewide, July

7803 *vashti* Streckler, 1878. Divisions 3, 5, mid June-July

7807 *canadensis* Boisduval, 1875. Divisions 1, 2, 3, July

7809 *kalmiae* J. E. Smith, 1797. Statewide, June-July

7810 *gordius* Cramer, 1780. Divisions 4, 5, 6, late May-early July

7810.1 *poecila* Stephens, 1828. Divisions 1, 2, 3, 4, late May-July

7811 *luscitiosa* Clemens, 1859. Divisions 2, 3, late May-early July

7812 *drupiferarum* J. E. Smith, 1797. Statewide, late May-early July

LAPARA Walker, 1856

7817 *bombycoides* Walker, 1856. Divisions 1, 2, 3, 4, 6, June-mid July

SMERINTHUS Latreille, 1802

7821 *jamaicensis* (Drury, 1773). Statewide, late May-mid August

7822 *cerisyi* Kirby, 1837. Statewide, mid May-June

PAONIAS Hübner, 1819

7824 *excaecatus* (J. E. Smith, 1797). Statewide, June-July

7825 *myops* (J. E. Smith, 1797). Statewide, late May-early August

LAOTHOE Fabricius, 1807

7827 *juglandis* (J. E. Smith, 1797). Statewide, mid-May-July

PACHYSPHINX Rothschild & Jordan, 1903

7828 *modesta* (Harris, 1839). Statewide, late May-July

Macroglossinae

ERINNYIS Hübner, 1819

7832 *alope* (Drury, 1770). Division 4, early September

7834 *ello* (Linnaeus, 1758). Divisions 5, 6, July-mid September

7837 *obscura* (Fabricius, 1775). Division 5, early September

AELLOPOS Hübner, 1819

7849 *titan* (Cramer, 1777). Divisions 3, 5, late July-early September

HEMARIS Dalman, 1816

7853 *thysbe* (Fabricius, 1775). Statewide, early June-mid August

7854 *gracilis* (Grote & Robinson, 1865). Divisions 2, 4, late May-late June

- 7855 *diffinis* (Boisduval, 1836). Statewide, May-early August
EUMORPHA Hübner, 1807
 7859 *pandorus* (Hübner, 1821). Divisions 4, 5, 6, mid June-early September
 7861 *achemon* (Drury, 1773). Divisions 5, 6, July-September
 7865 *fasciata* (Sulzer, 1776). Division 5, mid-July
 7866 *labruscae* (Linnaeus, 1758). Division 5, mid-October
SPHECODINA Blanchard, 1840
 7870 *abbottii* (Swainson, 1821). Divisions 3, 4, 5, 6, early May-mid June
DEIDAMIA Clemens, 1859
 7871 *inscripta* (Harris, 1839). Divisions 3, 4, 5, 6, late April-early June
AMPHION Hübner, 1819
 7873 *floridensis* B. P. Clark, 1920. Statewide, June
DARAPSA Walker, 1856
 7884 *versicolor* (Harris, 1839). Division 6, mid July-early August
 7885 *myron* (Cramer, 1780). Statewide, June-July
 7886 *pholus* (Cramer, 1776). Statewide, mid May-July
XYLOPHANES Hübner, 1819
 7890 *tersa* (Linnaeus, 1771). Divisions 4, 5, 6, early July-early September
HYLES Hübner, 1819
 7893 *gallii* (Rottemburg, 1775). Divisions 2, 3, 6, mid June-mid July
 7894 *lineata* (Fabricius, 1775). Statewide, mid-May-September

NOTODONTIDAE

- CLOSTERA** Samouelle, 1819
 7895 *albosigma* Fitch, 1856. Statewide, mid May-mid August
 7896 *inclusa* (Hübner, 1829-31). Divisions 2, 4, mid May-mid June
 7898 *strigosa* (Grote, 1882). Statewide, early May-mid August
 7900 *brucei* Hy. Edwards, 1885. Division 2, mid May-June
 7901 *apicalis* (Walker, 1855). Statewide, early May-mid August
DATANA Walker, 1855
 7902 *ministra* (Drury, 1773). Statewide, mid June-July
 7903 *angusii* Grote & Robinson, 1866. Divisions 3, 5, 6, late June-July
 7904 *drexelii* Hy. Edwards, 1884. Division 2, late June
 7906 *contracta* Walker, 1855. Divisions 5, 6, late June-late July
 7907 *integerrima* Grote & Robinson, 1866. Divisions 5, 6, late June-late July
 7908 *perspicua* Grote & Robinson, 1865. Division 6, July
NADATA Walker, 1855
 7915 *gibbosa* (J. E. Smith, 1797). Statewide, une-July
HYPERAESCHRA Butler, 1880
 7917 *georgica* (Herrich-Schäffer, 1855). Statewide, late May-mid August
PERIDEA Stephens, 1828
 7919 *basitriens* (Walker, 1855). Statewide, July
 7920 *angulosa* (J. E. Smith, 1797). Statewide, mid June-mid August
 7921 *ferruginea* (Packard, 1864). Statewide, mid June-early August
PHEOSIA Hübner, 1819
 7922 *rimosa* Packard, 1864. Statewide, mid May-August
ODONTOSIA Hübner, 1819
 7924 *elegans* (Strecker, 1885). Statewide, mid May-July

- NOTODONTA* Boisduval, 1828
 7926 *scitipennis* Walker, 1862. Divisions 2, 3, 4, late May-early July
 7928 *simplaria* Graef, 1881. Divisions 2, 4, 6, late May-mid August
- NERICE* Walker, 1855
 7929 *bidentata* Walker, 1855. Statewide, mid May-late August
- ELLIDA* Grote, 1876
 7930 *caniplaga* (Walker, 1856). Statewide, early May-mid-July
- GLUPHISIA* Boisduval, 1828
 7931 *septentrionis* Walker, 1855. Statewide, mid May-mid August
 7933 *avimacula* Hudson, 1891. Statewide, early April-May
 7934 *lintneri* (Grote, 1877). Divisions 2, 5, 6, mid April-mid May
- FURCULA* Lamarck, 1816
 7936 *borealis* (Guerin-Meneville, 1832). Statewide, mid-May-early August
 7937 *cinerea* (Walker, 1865). Statewide, mid-June-July
 7939 *occidentalis* (Lintner, 1878). Statewide, mid May-mid August
 7941 *modesta* (Hudson, 1891). Statewide, early May-mid August
- CERURA* Schrank, 1802
 7942 *scitiscrupta* Walker, 1865. Divisions 2, 3, 5, late May-mid July
- SYMMERISTA* Hübner, 1821
 7951 *albifrons* (J. E. Smith, 1797). Divisions 3, 6, early July-early August
 7952 *canicosta* Franclemont, 1946. Statewide, early June-mid July
 7953 *leucitys* Franclemont, 1946. Statewide, June-mid July
- DASYLOPHIA* Packard, 1864
 7957 *anguina* (J. E. Smith, 1797). Divisions 3, 5, 6, mid May-late August
 7958 *thyatiroides* (Walker, 1862). Division 3, July
- MACRUROCAMPA* Dyar, 1893
 7975 *marthesia* (Cramer, 1780). Divisions 4, 5, 6, June-July
- HETEROCAMPA* Doubleday, 1841
 7983 *obliqua* Packard, 1864. Statewide, July
 7985 *subrotata* Harvey, 1874. Division 6, June-mid July
 7990 *umbrata* Walker, 1855. Statewide, June-July
 7994 *guttivitta* (Walker, 1855). Statewide, late May-June
 7995 *biundata* Walker, 1855. Statewide, June-July
- LOCHMAEUS* Doubleday, 1841
 7998 *manteo* Doubleday, 1841. Statewide, June-July
 7999 *bilineata* (Packard, 1864). Statewide, late May-July
- SCHIZURA* Doubleday, 1841
 8005 *ipomoeae* Doubleday, 1841. Statewide, mid June-mid August
 8006 *badia* (Packard, 1864). Divisions 2, 3, 5, 6, mid June-mid July
 8007 *unicornis* (J. E. Smith, 1797). Statewide, mid May-mid August
 8009 *apicalis* (Grote & Robinson, 1866). Divisions 2, 4, 6, June-July
 8010 *concinna* (J. E. Smith, 1797). Divisions 1, 2, mid June-mid July
 8011 *leptinoides* (Grote, 1864). Statewide, mid June-mid August
- OLIGOCENTRIA* Herrich-Schäffer
 8012 *semirufescens* (Walker, 1865). Statewide, late June-early August
 8017 *lignicolor* (Walker, 1855). Statewide, mid June-mid August
- HYPARPAX* Hübner, 1825
 8022 *aurora* (J. E. Smith, 1797). Divisions 4, 5, 6, June-mid July

ARCTIIDAE

Lithosiinae

EILEMA Hübner, 1819

8043 *bicolor* (Grote, 1864). Divisions 1, 2, 3, mid July-late August

CRAMBIDIA Packard, 1864

8045.1 *pallida* Packard, 1864. Statewide, early July-early August

8051 *casta* (Packard, 1869). Divisions 2, 3, 4, 6, mid August-mid September

8052 *pura* Barnes & McDunnough, 1913. Divisions 2, 6, late August-mid September

LYCOMORPHA Harris, 1839

8087 *pholus* (Drury, 1773). Divisions 2, 3, 6, July-mid September

HYPOPREPIA Hübner, 1827-31

8089 *miniata* (Kirby, 1837). Statewide, June-mid August

8090 *fucosa* Hübner, 1827-31. Statewide, July-August

CLEMENSIA Packard, 1864

8098 *albata* Packard, 1864. Statewide, June-August

Arctiinae

UTETHEISA Hübner, 1819

8106 *bella* (Linnaeus, 1758). Division 5, late August

HAPLOA Hübner, 1820

8109 *reversa* (Stretch, 1885). Statewide, late June-July

8110 *contigua* (Walker, 1855). Divisions 2, 4, 6, July

8111 *lecontei* (Guerin-Meneville, 1832). Statewide, late June-late July

8112 *confusa* (Lyman, 1887). Statewide, July

HOLOMELINA Herrich-Schäffer, 1856

8114 *laeta* (Guerin-Meneville, 1832). Divisions 2, 3, 4, 6, late June-mid July

8118 *opella* (Grote, 1863). Divisions 5, 6, late June-early August

8120 *lamae* (Freeman, 1941). Divisions 2, 3, late June-early July

8121 *aurantiaca* (Hübner, 1827-31). Statewide, late June-mid September

8123 *ferruginosa* (Walker, 1854). Statewide, mid July-mid August

8124 *immaculata* (Reakirt, 1864). Division 2, July-mid August

PYRRHARCTIA Packard, 1864

8129 *isabella* (J. E. Smith, 1797). Statewide, early June-late July

ESTIGMENE Hübner, 1820

8131 *acrea* (Drury, 1773). Statewide, early June-early August

SPILOSOMA Curtis, 1825

8133 *latipennis* Stretch, 1872. Statewide, late May-June

8134 *congrua* Walker, 1855. Statewide, mid May-mid July

8136 *dubia* (Walker, 1855). Division 2, late May-mid June

8137 *virginica* (Fabricius, 1798). Statewide, mid May-July

HYPHANTRIA Harris, 1841

8140 *cunea* (Drury, 1773). Statewide, mid May-early July

ECPANTHERIA Hübner, 1820

8146 *scribonia* (Stoll, 1790). Divisions 4, 6, mid June

PHRAGMATOBIA Stephens, 1828

8156 *fuliginosa* (Linnaeus, 1758). Statewide, mid June-mid September

8157 *lineata* Newman & Donahue, 1966. Divisions 5, 6, July

- 8158 *assimilans* Walker, 1855. Divisions 1, 2, 3, 4, mid May-early June
PLATARCTIA Packard, 1864
8162 *parthenos* (Harris, 1850). Divisions 1, 2, June-early July
ARCTIA Schrank, 1802
8166a *caja americana* Harris, 1841. Divisions 1, 2, late July-early August
APANTESIS Harris, 1841
8169 *phalerata* (Harris, 1841). Divisions 3, 5, 6, June-mid September
8171 *nais* (Drury, 1773). Statewide, late May-late August
8171.1 *carlotta* Ferguson, 1985. Division 6, June-mid September
GRAMMIA Rambur, 1866
8175 *virguncula* (Kirby, 1837). Statewide, June-early July
8175.1 *speciosa* (Möschler, 1864). Divisions 1, 2, 4 mid July-early August
8176 *anna* (Grote, 1864). Division 6, mid June
8187 *celia* (Saunders, 1863). Divisions 2, 3, 4, 6, mid May-mid June
8188 *figurata* (Drury, 1773). Division 6, mid May-early June
8194 *phyllira* (Drury, 1773). Divisions 3, 4, 6, early June-early September
8195 *oithona* (Strecker, 1878). Divisions 3, 4, 6, early June-early September
8196 *parthenice* (Kirby, 1837). Statewide, late July-early September
8197 *virgo* (Linnaeus, 1758). Statewide, mid July-mid August
8199 *arge* (Drury, 1773). Divisions 4, 5, 6, early May-early September
HALYSIDOTA Hübner, 1819
8203 *tessellaris* (J. E. Smith, 1797). Statewide, mid June-July
LOPHOCAMPA Harris, 1841
8211 *caryae* Harris, 1841. Divisions 3, 5, 6, June
8214 *maculata* Harris, 1841. Divisions 1, 2, 3, 4, June
CYCNIA Hübner, 1818
8228 *inopinatus* Hy. Edwards, 1882. Divisions 4, 5, 6, June-early September
8230 *tenera* Hübner, 1818. Statewide, early June-August
8231 *oregonensis* (Stretch, 1873). Statewide, late May-mid August
EUCHAETES Harris, 1841
8238 *egle* (Drury, 1773). Statewide, early June-mid July
PYGARCTIA Grote, 1871
8254 *spraguei* (Grote, 1875). Division 4, early June
Ctenuchinae
CTENUCHA Kirby, 1837
8262 *virginica* (Esper, 1794). Statewide, mid June-July
CISSEPS Franclemont, 1936
8267 *fulvicollis* (Hübner, 1818). Statewide, mid June-mid September
- LYMANTRIIDAE**
Orgyiinae
DASYCHIRA Hübner, 1809
8293 *dorsipennata* (Barnes & McDunnough, 1919). Statewide, late June-early August
8294 *vagans* (Barnes & McDunnough, 1913). Division 2, July
8296 *basiflava* (Packard, 1864). Statewide, late June-early August
8300 *cinnamomea* (Grote & Robinson, 1866). Statewide, mid July-late August
8302 *obliquata* (Grote & Robinson, 1866). Statewide, mid July-mid August

- 8304 *plagiata* (Walker, 1865). Divisions 2, 3, July-early August
 8305 *pinicola* (Dyar, 1911). Divisions 2, 4, early June-July
ORGYIA Ochseneheimer, 1810
 8308a *antiqua nova* Fitch, 1863. Division 2, September
 8314 *definita* Packard, 1864. Statewide, late August-September
 8316 *leucostigma* (J. E. Smith, 1797). Statewide, late August-early October
LYMANTRIA Hübner, 1819
 8318 *dispar* (Linnaeus, 1758). Statewide, late July-August

NOCTUIDAE

Herminiinae

IDIA Hübner, 1813

- 8322 *americalis* (Guenée, 1854). Statewide, June-mid October
 8323 *aemula* Hübner, 1813. Statewide, June-mid October
 8323.1 near *aemula* Hübner, 1813. (*concisa* of authors). Statewide, early July-mid August
 8324 *majoralis* (J. B. Smith, 1895). Divisions 3, 5, 6, July-early September
 8327 *forbesi* (French, 1894). Division 6, late June-early July
 8326 *rotundalis* (Walker, 1866). Statewide, July-mid August
 8328 *julia* (Barnes & McDunnough, 1918). Divisions 3, 5, 6, mid-July-mid August
 8329 *diminuendis* (Barnes & McDunnough, 1918). Divisions 2, 4, late July-mid August
 8330 *scobialis* (Grote, 1880). Division 5, early August
 8333 *denticulalis* (Harvey, 1875). Division 6, early July
 8334 *lubricalis* (Geyer, 1832). Statewide, June-early September

PHALAEOPHANA Grote, 1873

- 8338 *pyramusalis* (Walker, 1859). Statewide, mid May-mid July

ZANCLOGNATHA Lederer, 1857

- 8340 *lituralis* (Hübner, 1818). Divisions 2, 4, 6, late June-early August
 8341 *theralis* (Walker, 1859). Divisions 1, 2, late June-early August
 8345 *laevigata* (Grote, 1872). Statewide, late June-early August
 8348 *pedipilalis* (Guenée, 1854). Divisions 2, 5, 6, June-late August
 8349 *protumnusalis* (Walker, 1859). Division 6, late June
 8350 *martha* Barnes, 1928. Divisions 1, 2, 4, mid June-late July
 8351 *cruralis* (Guenée, 1854). Statewide, mid June-early July
 8352 *jaccusalis* (Walker, 1859). Division 6, mid August
 8353 *ochreipennis* (Grote, 1872). Statewide, early July-late August

CHYTOLITA Grote, 1873

- 8355 *morbidalis* (Guenée, 1854). Division 6, early June
 8356 *petrealis* Grote, 1880. Divisions 1, 2, 3, 6, June

MACROCHILO Hübner, 1825

- 8357 *absorptalis* Walker, 1859. Statewide, mid June-mid August
 8357.1 *hypocriticalis* Ferguson, 1982. Divisions 5, 6, early July-mid August
 8358 *litophora* (Grote, 1873). Divisions 5, 6, early July
 8359 *bivittata* (Grote, 1877). Statewide, July-mid August
 8360 *orciferalis* Walker, 1859. Statewide, July-early September
 8361 *louisiana* (Forbes, 1922). Statewide, July-mid August

PHALAEONOSTOLA Grote, 1873

- 8362 *metonalis* (Walker, 1859). Statewide, mid June-mid August
 8363 *eumelusalis* (Walker, 1859). Divisions 4, 5, 6, late June-late July
 8364 *larentioides* Grote, 1873. Statewide, mid June-mid August
 8365 *hanhami* (J. B. Smith, 1899). Statewide, early July-mid August
TETANOLITA Grote, 1873
 8366 *mynesalis* (Walker, 1859). Division 5, mid September
 8368 *florida* (J. B. Smith, 1895). Division 5, mid-August
BLEPTINA Guenée, 1854
 8370 *caradrinalis* Guenée, 1854. Statewide, mid June-early August
RENIA Guenée, 1854
 8379 *factiosalis* (Walker, 1859). Divisions 5, 6, mid July-late August
 8384.1 *flavipunctalis* (Geyer, 1832). Statewide, early July-mid August
 8387 *sobrialis* (Walker, 1859). Divisions 1, 4, 6, early July-mid August
LASCORIA Walker, 1859
 8393 *ambigualis* Walker, 1866. Divisions 5, 6, late May-early September
PALTHIS Hübner, 1825
 8397 *angulalis* (Hübner, 1796). Statewide, June-mid August
 8398 *asopialis* (Guenée, 1854). Divisions 5, 6, early June-early August
Rivulinae
RIVULA Guenée, 1845
 8404 *propinqualis* Guenée, 1854. Statewide, late June-early September
COLOBOCHYLA Hübner, 1825
 8411 *interpuncta* (Grote, 1872). Division 5, early June
MELANOMMA Grote, 1875
 8412 *auricinctaria* Grote, 1875. Divisions 5, 6, July
MYCTEROPHORA Hulst, 1896
 8413 *inexplicata* (Walker, 1862). Division 2, late July-early August
Hypenodinae
HYPENODES Doubleday, 1850
 8420 *caducus* (Dyar, 1907). Divisions 4, 5, 6, late June-mid August
 8421 *fractilinea* (J. B. Smith, 1908). Divisions 4, 5, late June-mid August
 8422 *palustris* Ferguson, 1954. Divisions 4, 5, late June-mid August
 8423 *sombrus* Ferguson, 1954. Divisions 2, 4, 5, early July-mid August
DYSPYRALIS Warren, 1891
 8426 *illocata* Warren, 1891. Division 6, July
 8427 *puncticosta* (J. B. Smith, 1908). Division 5, late July
 8428 *nigella* (Strecker, 1900). Division 6, late June-mid July
PARAHYPENODES Barnes & McDunnough, 1918
 8430 *quadralis* Barnes & McDunnough, 1918. Division 6, late June
Hypeninae
BOMOLOCHA Hübner, 1825
 8441 *manalis* (Walker, 1859). Divisions 4, 5, 6, late July-early September
 8442 *baltimoralis* (Guenée, 1854). Statewide, mid May-July
 8443 *bijugalis* (Walker, 1859). Statewide, early June-August
 8444 *palparia* (Walker, 1861). Divisions 2, 5, June-early August
 8445 *abalienalis* (Walker, 1859). Divisions 5, 6, mid June-late August
 8446 *deceptalis* (Walker, 1859). Statewide, June-mid August
 8447 *madefactalis* (Guenée, 1854). Divisions 5, 6, late May-mid June

- 8448 *sordidula* (Grote, 1872). Division 6, June-mid August
8450 *atomaria* J. B. Smith, 1903. Division 6, June-mid August
8452 *edictalis* (Walker, 1859). Statewide, late June-mid August
LOMANALTES Grote, 1873
8455 *eductalis* (Walker, 1859). Divisions 1, 2, 3, 4, early July-August
OPHIUCHE Hübner, 1825
8457 *minualis* (Guenée, 1854). Division 5, mid September
HYPENA Schrank, 1802
8461 *humuli* Harris, 1841. Statewide, May-late September
PLATHYPENA Grote, 1873
8465 *scabra* (Fabricius, 1798). Statewide, mid June-mid October
TATHORHYNCHUS Hampson, 1894
8466 *exsiccatu*s (Leder, 1855). Division 5, mid-July
SPARGALOMA Grote, 1873
8479 *sexpunctata* Grote, 1873. Statewide, early June-early September
PHYTOMETRA Haworth, 1809
8480 *ernestinana* (Blanchard, 1840). Divisions 5, 6, early May-August
8481 *rhodarialis* (Walker, 1859). Divisions 4, 5, early June-late July
Catocalinae
PANGRAPTA Hübner, 1818
8490 *decoralis* Hübner, 1818. Divisions 1, 2, 3, 4, early June-mid August
LEDAEA Druce, 1891
8491 *perditalis* (Walker, 1859). Division 6, June-mid August
ISOGONA Guenée, 1852
8493 *tenuis* (Grote, 1872). Division 6, early June-mid August
METALECTRA Hübner, 1823
8499 *discalis* (Grote, 1876). Divisions 5, 6, early July-late August
8500 *quadrisignata* (Walker, 1858). Statewide, late June-late July
8502 *tantillus* (Grote, 1875). Division 6. mid June-mid August
SCOLECOCAMPA Guenée, 1852
8514 *liburna* (Geyer, 1837). Division 6, July
PLUSIODONTA Guenée, 1852
8534 *compressipalpis* Guenée, 1852. Division 6, late May-mid August
CALYPTRA Ochsenheimer
8536 *canadensis* (Bethune, 1865). Statewide, late May-late August
EUDOCIMA Billberg, 1820
8543 *materna* (Linnaeus, 1767). Division 1, mid September
ANOMIS Hübner, 1821
8545 *erosa* Hübner, 1821. Division 6, mid October
ALABAMA Grote, 1895
8554 *argillacea* (Hübner, 1823). Divisions 2, 5, 6, October
SCOLIOPTERYX Germar, 1810
8555 *libatrix* (Linnaeus, 1758). Statewide, mid April-mid October
ANTICARSIA Hübner, 1818
8574 *gemmatalis* Hübner, 1818. Divisions 2, 4, 5, mid October
PANOPODA Guenée, 1852
8587 *rufimargo* (Hübner, 1818). Divisions 2, 4, 5, 6, late June-late July
8588 *carneicosta* Guenée, 1852. Divisions 5, 6, July

- PHOBERIA* Hübner, 1818
 8591 *atomaris* Hübner, 1818. Divisions 4, 5, 6, mid April-mid May
 8591.1 *orthosoides* (Guenée, 1852). Divisions 4, 6, mid April-mid May
- CISSUSA* Walker, 1856
 8592 *spadix* (Cramer, 1780). Divisions 5, 6, late April-mid May
- MELIPOTIS* Hübner, 1818
 8598 *perpendicularis* (Guenée, 1852). Division 3, late July
- DRASTERIA* Hübner, 1818
 8618a *graphica atlantica* Barnes & McDunnough, 1918. Divisions 1, 2, 3, 4, 6, mid May-late June
 8641 *grandirena* (Haworth, 1809). Divisions 2, 3, 4, June
- THYSANIA* Dalman, 1824
 8647 *zenobia* (Cramer, 1777). Divisions 3, 5, early September-October
- ASCALAPHA* Hübner, 1809
 8649 *odorata* (Linnaeus, 1758). Divisions 2, 3, 5, 6, early July-late September
- LESMONE* Hübner, 1818
 8651 *detrehens* (Walker, 1858). Divisions 5, 6, late June-late August
- ZALE* Hübner, 1818
 8689 *lunata* (Drury, 1773). Statewide, late July-late October
 8692 *galbanata* (Morrison, 1876). Statewide, mid May-early September
 8694 *aeruginosa* (Guenée, 1852). Divisions 1, 2, 3, 4, late May-mid June
 8695 *undularis* (Drury, 1773). Statewide, mid May-mid July
 8697 *minerea* (Guenée, 1852). Statewide, late April-early June
 8698 *phaeocapna* Franclemont, 1950. Divisions 2, 6, May
 8699 *obliqua* (Guenée, 1852). Divisions 2, 4, 6, late May-early June
 8702 *submediana* Strand, 1917. Divisions 2, 4, late May-early June
 8703 *duplicata* (Bethune, 1865). Divisions 2, 4, 6, mid May-mid June
 8704 *helata* (J. B. Smith, 1908). Statewide, early May-mid June
 8707 *metatoides* McDunnough, 1943. Divisions 2, 4, 6, mid April-mid June
 8713 *lunifera* (Hübner, 1818). Statewide, late April-early June
 8716 *unilineata* (Grote, 1876). Statewide, late April-May
 8717 *horrida* Hübner, 1818. Statewide, late May-late June
- EUPARTHENOS* Grote, 1876
 8719 *nubilis* (Hübner, 1823). Statewide, June-mid August
- PARALLELIA* Hübner, 1818
 8727 *bistriaris* Hübner, 1818. Statewide, mid May-July
- EUCLIDIA* Ochsenheimer, 1816
 8731 *cuspeida* (Hübner, 1818). Statewide, mid May-early July
- CAENURGINA* McDunnough, 1937
 8738 *crassiuscula* (Haworth, 1809). Statewide, late April-September
 8739 *erechtea* (Cramer, 1780). Statewide, late April-early November
- MOCIS* Hübner, 1823
 8743 *latipes* (Guenée, 1852). Divisions 2, 3, mid September-mid October
 8745 *texana* (Morrison, 1875). Divisions 4, 5, 6, mid May-mid October
- CELIPTERA* Guenée, 1852
 8747 *frustulum* Guenée, 1852. Division 6, late May-late August
- PTICHODIS* Hübner, 1818
 8751 *bistrigata* Hübner, 1818. Division 6, mid May

ARGYROSTROTIS Hübner, 1821

8764 *anilis* (Drury, 1773). Statewide, mid June-mid July

SPILOLOMA Grote, 1873

8769 *lunilinea* Grote, 1873. Division 6, late June-mid August

CATOCALA Schrank, 1802

- 8770 *innubens* Guenée, 1852. Divisions 5, 6, early July-early September
8771 *piatrix* Grote, 1864. Divisions 5, 6, early August-mid September
8773 *epione* (Drury, 1773). Divisions 5, 6, mid-July-mid August
8775 *antinympha* (Hübner, 1823). Divisions 1, 2, 3, 4, late July-late September
8776 *coelebs* Grote, 1874. Divisions 1, 3, early August
8778 *habilis* Grote, 1872. Divisions 5, 6, mid August-mid September
8779 *serena* Edwards, 1864. Divisions 5, 6, mid July-mid August
8781 *judith* Strecker, 1874. Divisions 5, 6, mid July-mid August
8784 *obscura* Strecker, 1873. Divisions 5, 6, early August-early September
8785 *residua* Grote, 1874. Divisions 5, 6, mid July-late August
8788 *resecta* Grote, 1872. Divisions 5, 6, August-mid September
8791 *insolabilis* Guenée, 1852. Division 6, mid July
8792 *vidua* (J. E. Smith, 1797). Divisions 5, 6, late August-mid September
8793 *maestosa* Hulst, 1884. Division 5, late August
8794 *lacrymosa* Guenée, 1852. Divisions 3, 5, late July-late August
8795 *palaeogama* Guenée, 1852. Divisions 5, 6, mid July-early September
8796 *nebulosa* Edwards, 1864. Division 6, late July-late August
8797 *subnata* Grote, 1864. Divisions 5, 6, Late July-August
8798 *neogama* (J. E. Smith, 1797). Divisions 5, 6, mid July-early September
8801 *ilia* (Cramer, 1776). Statewide, early July-September
8802 *cerogama* Guenée, 1852. Statewide, mid July-early September
8803 *relicta* Walker, 1858. Statewide, early August-early October
8805 *unijuga* Walker, 1858. Statewide, August-early September
8806 *parta* Guenée, 1852. Statewide, mid July-mid September
8808 *luciana* Strecker, 1874. Divisions 5, 6, late July-mid September
8817 *briseis* Edwards, 1864. Divisions 1, 2, 3, August, mid September
8821 *semirelicta* Grote, 1874. Divisions 1, 2, 3, early August-early September
8822 *meskei* Grote, 1873. Divisions 3, 4, 5, 6, August
8829 *junctura* Walker, 1858. Divisions 5, 6, mid July
8832 *cara* Guenée, 1852. Divisions 3, 4, 5, 6, early August-mid September
8833 *concupens* Walker, 1858. Statewide, late July-mid September
8834 *amatrix* (Hübner, 1809-13). Divisions 3, 5, 6, early August-mid September
8840 *illecta* Walker, 1858. Division 6, late June-mid July
8841 *abbreviatella* Grote, 1872. Divisions 4, 5, 6, early July
8842 *nuptialis* Walker, 1858. Division 6, August
8843 *whitneyi* Dodge, 1874. Divisions 4, 5, 6, mid July-early August
8844 *amestris* Strecker, 1874. Divisions 4, 5, 6, mid July-early August
8846 *sordida* Grote, 1877. Divisions 1, 2, 4, mid July-late August
8851 *coccinata* Grote, 1872. Statewide, mid July-late August
8857 *ultronia* (Hübner, 1823). Statewide, early July-mid August
8858 *crataegi* Saunders, 1876. Divisions 2, 3, 5, 6, July
8863 *mira* Grote, 1876. Divisions 2, 5, 6, early July-early August
8864 *grynea* (Cramer, 1780). Statewide, late July-late August

- 8865 *praeclara* Grote & Robinson, 1866. Divisions 1, 2, 3, 4, 5, late July-late August
- 8867 *blandula* Hulst, 1884. Statewide, early July-mid August
- 8872 *clintoni* Grote, 1864. Divisions 5, 6, late June-mid July
- 8873 *similis* Edwards, 1864. Statewide, July
- 8874 *minuta* Edwards, 1864. Divisions 5, 6, July
- 8876 *micronympha* Guenée, 1852. Divisions 4, 5, 6, early July-early August
- 8877 *connubialis* Guenée, 1852. Divisions 4, 6, July-late August
- 8878 *amica* (Hübner, 1818). Statewide, mid July-mid August
- 8878.1 *lineella* Grote, 1872. Statewide, mid July-mid August
- Plusiinae**
- ABROSTOLA** Ochsenheimer, 1816
- 8880 *ovalis* Guenée, 1852. Divisions 5, 6, late May-early June
- 8881 *urentis* Guenée, 1852. Statewide, mid May-mid August
- ARGYROGRAMMA** Hübner, 1823
- 8885 *verruca* (Fabricius, 1794). Division 5, late September
- TRICHOPLUSIA** McDunnough, 1944
- 8887 *ni* (Hübner, 1800-03). Divisions 4, 5, 6, late June-early September
- CTENOPLUSIA** Dufay, 1970
- 8889 *oxygramma* (Geyer, 1832). Divisions 5, 6 late August-early September
- PSEUDOPUSIA** McDunnough, 1944
- 8890 *inclusens* (Walker, 1858). Divisions 3, 5, 6, mid September-early October
- RACHIPLUSIA** Hampson, 1813
- 8895 *ou* (Guenée, 1852). Divisions 1, 2, 4, 5, early September-mid October
- DIACHRYSIA** Hübner, 1821
- 8896 *aereoides* (Grote, 1864). Divisions 1, 2, 3, 4, July-early August
- 8897 *balluca* Geyer, 1832. Statewide, July-mid August
- ALLAGRAPHA** Franclemont, 1964
- 8898 *aerea* (Hübner, 1802-03). Statewide, mid June-early September
- PSEUDEVA** Hampson, 1913
- 8899 *purpurigera* (Walker, 1858). Statewide, late June-late July
- CHRYSANYMPHA** Grote, 1896
- 8904 *formosa* (Grote, 1865). Divisions 1, 2, 4, late June-July
- EOSPHOROPTERYX** Dyar, 1902
- 8905 *thyatyroides* (Guenée, 1852). Statewide, mid July-late August
- MEGALOGRAPHA** Lafontaine & Poole, 1991
- 8907 *biloba* (Stephens, 1830). Statewide, mid May-mid September
- AUTOGRAPHA** Hübner, 1821
- 8908 *precationis* (Guenée, 1852). Statewide, late May-early October
- 8909 *rubida* Ottolengui, 1902. Division 2, late May-late June
- 8911 *bimaculata* (Stephens, 1830). Division 2, July
- 8912 *mappa* (Grote & Robinson, 1868). Division 2, early June-early July
- 8914 *californica* (Speyer, 1875). Divisions 2, 4, 5, late June-late August
- 8916 *flagellum* (Walker, 1858). Division 1, late June-early July
- 8923 *ampla* (Walker, 1858). Statewide, late June-late July
- ANAGRAPHA** McDunnough, 1944
- 8924 *falcifera* (Kirby, 1837). Statewide, late May-mid October
- SYNGRAPHA** Hübner, 1821

- 8926 *octoscripta* (Grote, 1874). Divisions 1, 2, 3, mid July-August
 8927 *epigaea* (Grote, 1875). Divisions 1, 2, 3, 4, early July-mid August
 8928 *selecta* (Walker, 1858). Divisions 1, 2, late August
 8929 *viridisigma* (Grote, 1874). Divisions 2, 3, late July-August
 8939 *alias* (Ottolengui, 1902). Division 2, early July-early August
 8940 *abstrusa* Eichlin, 1978. Division 2. July
 8941 *cryptica* Eichlin, 1978. Divisions 1, 2, July
 8942 *rectangula* (Kirby, 1837). Divisions 1, 2, 3, late June-mid August
 8945 *montana* (Packard, 1869). Division 2, early June-early July
 8946a *microgamma nearctica* Ferguson, 1955. Divisions 1, 2, mid June
- PLUSIA** Ochsenheimer, 1816
 8950 *putnami* Grote, 1873. Divisions 1, 2, 3, 4, 5, mid June-early September
 8952 *contexta* Grote, 1873. Divisions 5, 6, early June-mid September
 8953 *venusta* Walker, 1865. Divisions 1, 2, 3, 4, 5, mid June-mid August
- Euteliinae**
- MARATHYSSA** Walker, 1865
 8955 *inficita* (Walker, 1865). Divisions 5, 6, mid June-early August
 8956 *basalis* Walker, 1865. Divisions 5, 6, May
- PAECTES** Hübner, 1818
 8957 *oculatrix* (Guenée, 1852). Divisions 5, 6, mid June-late August
- Sarrothripinae**
- BAILEYA** Grote, 1895
 8969 *doubledayi* (Guenée, 1852). Statewide, late May-late July
 8970 *ophthalmica* (Guenée, 1852). Statewide, June
 8971 *dormitans* (Guenée, 1852). Divisions 5, 6, late May-late June
 8972 *levitans* (J. B. Smith, 1906). Divisions 5, 6, mid May-early June
 8973 *australis* (Grote, 1881). Division 6, late June-late August
- NYCTEOLA** Hübner, 1822
 8975 *frigidana* (Walker, 1863). Division 2, late May
- Nolinae**
- MEGANOLA** Dyar, 1898
 8983 *minuscula* (Zeller, 1872). Statewide, late May-mid August
 8983.1 *phylla* (Dyar, 1898). Division 5, late July
 8983.2 *spodia* Franclemont, 1985. Divisions 4, 5, late June
- NOLA** Leach, 1815
 8990 *cilicoides* (Grote, 1873). Statewide, early June-mid August
 8992 *triquetrana* (Fitch, 1856). Divisions 3, 4, May
- Acontiinae**
- EXYRA** Grote, 1875
 9021 *fax* (Grote, 1873). Divisions 1, 2, 3, late June-early August
- ORUZA** Walker, 1862
 9025 *albocostaliata* (Packard, 1876). Division 6, July-early September
- HYPERSTROTIA** Hampson, 1910
 9038 *villificans* (Barnes & McDunnough, 1918). Divisions 2, 6, mid June-mid July
 9040 *secta* (Grote, 1879). Division 4, 5, 6, late June-late August
- THIOPTERA** Franclemont, 1950
 9044 *nigrofimbria* (Guenée, 1852). Divisions 3, 5, late September
- LITHACODIA** Hübner, 1818

- 9046 *bellicula* Hübner, 1818. Statewide, late May-early September
 9047 *muscosa* (Guenée, 1852). Statewide, early June-mid July
 9048 *albidula* (Guenée, 1852). Statewide, late June-early August
 9051 *musta* (Grote & Robinson, 1868). Divisions 4, 5, early September
- PSEUDEUSTROTIA** Warren, 1913
 9053 *carneola* (Guenée, 1852). Statewide, June-August
- MALIATTHA** Walker, 1863
 9055.1 *synochitis* (Grote & Robinson, 1868). [formerly 9049] Statewide, mid June-mid August
 9055.2 *concinimacula* (Guenée, 1852). [formerly 9050] Division 2, late May-mid June
- ANTERASTRIA** Sugi, 1982
 9055.3 *teratophora* Herrich-Schäffer, 1854. [formerly 9284] Statewide, early June-mid August
- HOMOPHOBERIA** Morrison, 1875
 9057 *apicosa* (Haworth, 1809). Statewide, late June-late August
- CAPIS** Grote, 1882
 9059 *curvata* Grote, 1882. Statewide, July-mid August
- CERMA** Hübner, 1818
 9061 *cora* Hübner, 1818. Divisions 2, 4, 5, 6, mid May-early June
 9062 *cerintha* (Treitschke, 1826). Divisions 3, 5, 6, mid June-mid July
- LEUCONYCTA** Hampson, 1909
 9065 *diptheroides* (Guenée, 1852). Statewide, mid May-late June
 9066 *lepidula* (Grote, 1874). Statewide, late May-early June
- AMYNA** Guenée, 1852
 9070 *octo* (Guenée, 1852). Divisions 4, 5, 6, late August-early October
- TARACHIDIA** Hampson, 1898
 9085 *semiflava* (Guenée, 1852). Divisions 4, 5, mid June-mid July
 9088 *virginalis* (Grote, 1881). Division 6, early August
 9089 *binocula* (Grote, 1875). Divisions 5, 6, late May-mid August
 9090 *candefacta* (Hübner, 1831). Statewide, early June-mid August
 9095 *erastrionides* (Guenée, 1852). Statewide, early June-late August
 9101 *tortricina* (Zeller, 1872). Divisions 5, 6, early June-late August
- SPRAGUEIA** Grote, 1875
 9127 *leo* (Guenée, 1852). Division 6, mid August
- ACONTIA** Ochsenheimer, 1816
 9136 *aprica* (Hübner, 1802). Division 5, early September
 9145 *terminimaculata* (Grote, 1873). Division 6, late June-late July
- BAGISARA** Walker, 1858
 9169 *rectifascia* (Grote, 1874). Divisions 4, 5, 6, late June-early August
 9175 *gulnare* (Strecker, 1880). Division 5, mid-July-mid August
- Pantheinae**
- PANTHEA** Hübner, 1820
 9177 *acronyctoides* (Walker, 1861). Divisions 2, 3, 4, early June-mid August
 9182 *furcilla* (Packard, 1864). Statewide, June-mid August
- COLOCASIA** Ochsenheimer, 1816
 9184 *flavicornis* (J. B. Smith, 1884). Division 2, late April-mid May
 9185 *propinquilinea* (Grote, 1873). Divisions 2, 4, 6, mid May-late June

CHARADRA Walker, 1865

9189 *deridens* (Guenée, 1852). Statewide, mid May-late August

RAPHIA Hübner, 1821

9193 *frater* Grote, 1864. Statewide, late May-mid July

Acronictinae

ACRONICTA Ochsenheimer, 1816

9199 *rubricoma* Guenée, 1852. Division 6, mid May-mid July

9200 *americana* (Harris, 1841). Statewide, June-early August

9203 *dactylina* Grote, 1874. Statewide, mid June-July

9205 *lepusculina* Guenée, 1852. Statewide, late May-June

9206 *leporina* (Linnaeus, 1758). Division 2, late June-early July

9207 *innotata* Guenée, 1852. Divisions 1, 2, 3, 4, June-mid July

9208 *betulae* Riley, 1884. Division 6, June-mid August

9209 *radcliffei* (Harvey, 1875). Divisions 2, 6, mid May-mid July

9211 *tritona* (Hübner, 1818). Divisions 1, 2, 4, late May-late August

9212 *grisea* Walker, 1856. Divisions 1, 2, 3, 4, late May-late July

9214 *falcula* (Grote, 1877). Divisions 4, 6, late May-late August

9219 *connecta* Grote, 1873. Divisions 4, 5, 6, late June-mid August

9221 *funeralis* Grote & Robinson, 1866. Divisions 2, 6, June-late July

9224 *quadrata* Grote, 1874. Division 2, June

9225 *vinnula* (Grote, 1864). Divisions 5, 6, mid May-mid June

9226 *superans* Guenée, 1852. Divisions 1, 2, 3, 4, 6, late May-mid July

9227 *laetifica* J. B. Smith, 1897. Statewide, late May-late June

9229 *hasta* Guenée, 1852. Statewide, mid May-June

9235 *spinigera* Guenée, 1852. Divisions 2, 3, 5, 6, mid May-late August

9236 *morula* Grote & Robinson, 1868. Divisions 2, 4, 5, 6, mid May-late August

9237 *interrupta* Guenée, 1852. Divisions 2, 4, 6, mid May-mid August

9238 *lobeliae* Guenée, 1852. Statewide, mid May-mid July

9241 *fragilis* (Guenée, 1852). Divisions 1, 2, 5, 6, mid May-mid June

9242 *exilis* Grote, 1874. Divisions 2, 4, 6, mid June-early August

9243 *ovata* Grote, 1873. Divisions 4, 5, 6, mid June-late July

9244 *modica* Walker, 1856. Divisions 4, 5, 6, early June-early July

9245 *haesitata* (Grote, 1882). Statewide, late May-mid July

9247 *tristis* J. B. Smith, 1911. Statewide, mid June-mid July

9249 *increta* Morrison, 1874. Divisions 2, 4, 5, 6, late May-July

9251 *retardata* (Walker, 1861). Divisions 2, 6, mid May-early August

9254 *afflicta* Grote, 1864. Statewide, late June-mid August

9257 *impleta* Walker, 1856. Divisions 1, 2, 4, 6, mid May-mid June

9258 *sperata* Grote, 1873. Divisions 2, 4, mid May-mid June

9259 *noctivaga* Grote, 1864. Divisions 1, 2, mid May-mid June

9261 *impresa* Walker, 1856. Statewide, mid May-mid August

9264 *longa* Guenée, 1852. Divisions 2, 4, late May-late June

9266 *lithospila* Grote, 1874. Divisions 4, 5, 6, early June-early August

9272 *oblinita* (J. E. Smith, 1797). Statewide, mid May-early August

9274 *lanceolaria* (Grote, 1875). Division 2, late May

MEROLONCHE Grote, 1882

9277 *dolli* Barnes & McDunnough, 1918. Divisions 2, 4, mid May

SIMYRA Ochsenheimer, 1816

- 9280 *henrici* (Grote, 1873). Statewide, June-mid September
AGRIOPEDES Hampson, 1908
 9281 *fallax* Herrich-Schäffer, 1854. Divisions 1, 2, 5, 6, mid May-mid August
HARRISIMEMNA Grote, 1873
 9286 *tresignata* (Walker, 1856). Statewide, mid June-mid July
Agaristinae
EUDRYAS Boisduval, 1836
 9299 *unio* (Hübner, 1827-31). Divisions 4, 5, 6, early July-mid August
 9301 *grata* (Fabricius, 1793). Divisions 5, 6, late June-mid July
PSYCHOMORPHA Harris, 1839
 9309 *epimenis* (Drury, 1782). Divisions 5, 6, early May
ALYPIA Hübner, 1818
 9314 *octomaculata* (Fabricius, 1775). Divisions 5, 6, late June-early July
 9318 *langtoni* Couper, 1865. Division 2, early June
Amphipyrinae
APAMEA Ochsenheimer, 1816
 9326 *verbascoides* (Guenée, 1852). Statewide, late June-July
 9328 *nigrrior* (J. B. Smith, 1891). Divisions 5, 6, mid-June
 9329 *cariosa* (Guenée, 1852). Divisions 4, 6, early July
 9331 *cristata* (Grote, 1878). Division 2, early July
 9333 *lignicolora* (Guenée, 1852). Statewide, July
 9341 *vultuosa* (Grote, 1875). Statewide, mid June-early July
 9343 *apamiformis* (Guenée, 1852). Divisions 2, 3, 5, July
 9344 *plutonia* (Grote, 1883). Division 2, mid July
 9348 *amputatrix* (Fitch, 1857). Divisions 1, 2, 3, late June-late July
 9351 *alia* (Guenée, 1852). Divisions 2, 3, 4, 6, mid June-early July
 9353 *inordinata* (Morrison, 1875). Divisions 3, 4, early June-mid July
 9359 *commoda* (Walker, 1857). Division 2, late June-early July
 9360 *impulsa* (Guenée, 1852). Divisions 2, 4, 6, late June-late July
 9361 *mixta* (Grote, 1881). Division 2, late July-early August
 9362 *remissa indocilis* (Walker, 1856). Divisions 1, 2, July
 9362.1 *ophiogramma* (Esper, 1793). Divisions 2, 3, early July
 9364 *sordens* (Hufnagel, 1766). Statewide, June
 9365 *lateritia* (Hufnagel, 1766). Divisions 1, 2 early July
 9367 *dubitans* (Walker, 1856). Statewide, early July-late August
 9367.1 *cogitata* (J. B. Smith, 1891). Division 2, early July
 9372 *lutosa* (Andrews, 1877). Divisions 2, 5, 6, early July
 9373 *helva* (Grote, 1875). Statewide, early August-late September
 9374 *niveivenosa* (Grote, 1879). Divisions 1, 2, 4, 5, late July-early August
 9378 *burgessi* (Morrison, 1874). Divisions 5, 6, early September
 9380 *relicina* (Morrison, 1875). Divisions 4, 6, late August-late September
 9382 *devastator* (Brace, 1819). Statewide, early July-September
LUPERINA Boisduval, 1828
 9391 *passer* (Guenée, 1852). Divisions 1, 2, 5, late June-July
 9393 *stipata* (Morrison, 1875). Divisions 4, 5, 6, early August-early September
EREMOBINA McDunnough, 1937
 9396 *claudens* (Walker, 1857). Division 2, late July-mid August
 9398 *jocasta* (J. B. Smith, 1900). Divisions 1, 2, 3, 4, 5, late Jul-mid August

OLIGIA Hübner, 1821

- 9402 *chlorostigma* (Harvey, 1876). Division 6, early July
9404 *modica* (Guenée, 1852). Statewide, August
9406 *fractilinea* (Grote, 1874). Divisions 4, 5, 6, late July-late August
9408 *exhausta* (J. B. Smith, 1903). Statewide, late July
9409 *hausta* (Grote, 1882). Division 3, mid July
9410 *cryptora* Franclemont, 1950. Division 2, late June-early July
9413 *tonsa* (Grote, 1880). Statewide, early July-mid August
9415 *bridghami* (Grote & Robinson, 1866). Divisions 1, 2, 3, 4, late July-mid August
9416 *minuscula* (Morrison, 1874). Divisions 1, 2, early August-early September
9418 *obtusa* (J. B. Smith, 1902). Division 1, late August-early September
9419 *mactata* (Guenée, 1852). Statewide, late August-early October
9420 *illocata* (Walker, 1857). Statewide, September

MEROPLEON Dyar, 1924

- 9427 *diversicolor* (Morrison, 1874). Statewide, late August-late September
9428 *ambifuscum* (Newman, 1948). Statewide, late August-late September

LEMMERIA Barnes & Benjamin, 1926

- 9429 *digitalis* (Grote, 1882). Divisions 2, 4, 5, late September-mid October

SELICANIS J. B. Smith, 1900

- 9430 *cinereola* J. B. Smith, 1900. Division 4, early September-early October

PARASTICHTIS Hübner, 1821

- 9431 *suspecta* (Hübner, 1817). Divisions 1, 2, 3, early July-early August

XYLOMOIA Staudinger, 1892

- 9433 *chagnoni* Barnes & McDunnough, 1917. Statewide, late June-late July

SPARTINIPHAGA McDunnough, 1937

- 9434 *includens* (Walker, 1858). Divisions 5, 6, July
9435 *inops* (Grote, 1881). Divisions 3, 4, 5, 6, mid August-mid September
9436 *panatela* (J. B. Smith, 1904). Statewide, mid June-mid July

CHORTODES Tutt, 1897

- 9437 *inquinata* (Guenée, 1852). Statewide, late July-mid August
9439 *basistriga* (McDunnough, 1933). Division 2, late August-early September
9441 *enervata* (Guenée, 1852). Divisions 4, 5, early August
9443 *defecta* (Grote, 1874). Divisions 1, 2, 3, 4, 5, August

ARCHANARA Walker, 1866

- 9449 *oblonga* (Grote, 1882). Divisions 4, 5, 6, mid August-mid September
9450 *subflava* (Grote, 1882). Divisions 1, 2, 4, 5, late July-mid August
9451 *laeta* (Morrison, 1875). Divisions 3, 4, 5, 6, mid August-early September

MACRONOCTUA Grote, 1874

- 9452 *onusta* Grote, 1874. Divisions 2, 3, 4, 5, early September-early October

CELAENA Stephens, 1829

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

AMPHIPOEA Billberg, 1820

- 9454 *velata* (Walker, 1865). Statewide, late June-late August
9456 *interoceanica* (J. B. Smith, 1899). Divisions 1, 2, 3, 5, late July-mid August
9457 *americana* (Speyer, 1875). Statewide, mid July-mid August

PAPAIPEMA J. B. Smith, 1899

- 9464 *cerina* (Grote, 1874). Divisions 4, 5, 6, late August-mid October

- 9466 *cataphracta* (Grote, 1864). Statewide, early September-early October
 9471 *arctivorens* Hampson, 1910. Statewide, late August-mid September
 9472 *harrisii* (Grote, 1881). Divisions 4, 5, late August-mid September
 9473 *impecuniosa* (Grote, 1881). Statewide, early September-early October
 9478 *leucostigma* (Harris, 1841). Divisions 2, 3, 4, 6, late August-late September
 9479 *lysimachiae* Bird, 1914. Statewide, late August-early September
 9480 *pterisii* Bird, 1907. Divisions 1, 2, 3, 4, late August-September
 9482 *speciosissima* (Grote & Robinson, 1868). Division 4, late August-September
 9483 *inquaesita* (Grote & Robinson, 1868). Statewide, late August-September
 9484 *rutila* (Guenée, 1852). Division 6, mid September-mid October
 9485 *baptisiae* (Bird, 1902). Divisions 4, 5, 6, late August-September
 9486 *birdi* (Dyar, 1908). Divisions 5, 6, mid August-mid September
 9490 *nepheleptena* (Dyar, 1908). Divisions 4, 5, 6, late August-mid September
 9491 *circumlucens* (J. B. Smith, 1899). Divisions 1, 4, 5, 6, early August-September
 9492 *marginidens* (Guenée, 1852). Division 6, mid October
 9493 *appassionata* (Harvey, 1876). Divisions 1, 2, 3, 4, late August-early September
 9495 *furcata* (J. B. Smith, 1899). Statewide, late August-late September
 9496 *nebris* (Guenée, 1852). Divisions 4, 5, 6, late August-early October
 9497 *necopina* (Grote, 1876). Divisions 4, 5, 6, late August-mid September
 9498 *silphii* Bird, 1915. Division 5, late August-late September
 9500 *maritima* Bird, 1909. Divisions 4, 5, 6, early September-early October
 9501 *eupatorii* (Lyman, 1905). Divisions 3, 4, 5, 6, early September-early October
 9502 *nelita* (Strecker, 1898). Divisions 4, 5, 6, late August
 9503 *rigida* (Grote, 1877). Divisions 4, 5, 6, late August-early October
 9506 *sciata* Bird, 1908. Divisions 4, 5, 6, mid September-mid October
 9508 *beeriana* Bird, 1923. Divisions 4, 5, early September-early October
 9509 *unimoda* (J. B. Smith, 1984). Divisions 1, 3, 4, 5, 6, late August-early October
- HYDRAECIA** Guenée, 1841
 9513 *immanis* Guenée, 1852. Divisions 4, 5, 6, late August-early October
 9514 *micacea* (Esper, 1789). Statewide, August
 9516 *stramentosa* Guenée, 1852. Statewide, mid August-mid September
- ACHATODES** Guenée, 1852
 9520 *zeae* (Harris, 1841). Divisions 4, 5, 6, mid July-mid August
- ODOPEPLA** Franclemont, 1964
 9522 *u-album* (Guenée, 1852). Divisions 4, 5, late May-early August
- BELLURA** Walker, 1865
 9523 *gortynoides* Walker, 1865. Divisions 1, 2, 3, early June-mid August
 9524 *brehmei* (Barnes & McDunnough, 1916). Division 2, mid June
 9525 *obliqua* (Walker, 1865). Statewide, late May-late June
 9526 *densa* (Walker, 1865). Divisions 4, 6, late June-mid September
- EUPLEXIA** Stephens, 1829
 9545 *benesimilis* McDunnough, 1922. Statewide, early June-mid August
- PHLOGOPHORA** Treitschke, 1825
 9546 *iris* Guenée, 1852. Statewide, early June-early July
 9547 *periculosa* Guenée, 1852. Statewide, August
- CONSERVULA** Grote, 1874
 9548 *anodonta* (Guenée, 1852). Divisions 1, 2, 4, July
- ENARGIA** Hübner, 1821

- 9549 *decolor* (Walker, 1858). Divisions 1, 2, 3, 4, early August-late September
 9550 *infumata* (Grote, 1874). Divisions 2, 4, early August
 9551 *mephisto* Franclemont, 1939. Statewide, July
- IPIMORPHA** Hübner, 1821
 9555 *pleunectusa* Grote, 1873. Divisions 2, 3, 4, 5, August-early September
- CHYTONIX** Grote, 1874
 9556 *palliatricula* (Guenée, 1852). Statewide, early June-mid August
 9557 *sensilis* Grote, 1881. Divisions 2, 4, mid July-mid August
- DYPTERYGIA** Stephens, 1829
 9560 *rozmani* Berio, 1974. Divisions 4, 5, 6, mid June-mid August
- HYPPA** Duponchel, 1845
 9578 *xylinoidea* (Guenée, 1852). Statewide, early June-late August
- NEDRA** Clarke, 1940
 9582 *ramosula* (Guenée, 1852). Divisions 3, 4, 5, 6, early May-mid August
- PROPERIGEA** Barnes & Benjamin, 1926
 9589 *costa* (Barnes & Benjamin, 1923). Division 6, late July-early August
- PHOSPILA** Hübner, 1818
 9619 *miseloides* (Guenée, 1852). Divisions 5, 6, early June-early August
- TRACHEA** Ochseneheimer, 1816
 9626 *delicata* (Grote, 1874). Divisions 3, 5, 6, mid July-late August
- FAGITANA** Walker, 1865
 9629 *littera* (Guenée, 1852). Divisions 3, 4, 5, mid June-early July
- CALLOPISTRIA** Hübner, 1821
 9631 *mollissima* (Guenée, 1852). Statewide, early June-mid August
 9633 *cordata* (Ljungh, 1825). Divisions 1, 2, 3, 4, mid June-mid August
- MAGUSA** Walker, 1857
 9637 *orbifera* (Walker, 1857). Statewide, early August-late October
- AMPHIPYRA** Ochseneheimer, 1816
 9638 *pyramidoidea* Guenée, 1852. Statewide, early August-late October
 9639 *tragopoginis* (Clerck, 1759). Statewide, mid July-late September
 9640 *glabella* (Morrison, 1874). Divisions 2, 5, 6, mid June-July
- ATHETIS** Hübner, 1821
 9647 *miranda* (Grote, 1873). Statewide, late May-mid August
 9649 *mendoza* (McDunnough, 1927). Divisions 1, 4 early July-late August
- ANORTHODES** Smith, 1891
 9650 *tarda* (Guenée, 1852). Division 6, late May
- CARADRINA** Ochseneheimer, 1816
 9654 *meralis* (Morrison, 1875). Divisions 2, 3, 4, 6, mid August-mid September
 9656 *extima* (Walker, 1865). Divisions 1, 5, early July-August
 9657 *multifera* (Walker, 1857). Divisions 1, 2, 3, late August
- CRAMBODES** Guenée, 1852
 9661 *talidiformis* Guenée, 1852. Divisions 4, 5, 6, late May-late August
- BALSA** Walker, 1860
 9662 *malana* (Fitch, 1856). Divisions 3, 4, 5, early May-early August
 9663 *tristrigella* (Walker, 1866). Divisions 4, 5, 6, early June
 9664 *labecula* (Grote, 1880). Statewide, early June-mid July
- SPODOPTERA** Guenée, 1852
 9666 *frugiperda* (J. E. Smith, 1797). Statewide, mid August-mid October

- 9669 *ornithogalli* (Guenée, 1852). Divisions 3, 4, 5, 6, mid August-mid October
- ELAPHRIA** Hübner, 1818
- 9678 *versicolor* (Grote, 1875). Divisions 1, 2, 5, 6, early July-mid August
- 9680 *georgii* (Moore & Rawson, 1939). Divisions 1, 2, 6, mid May-mid June
- 9681 *festivoides* (Guenée, 1852) complex. Statewide, mid May-mid July
- 9684 *grata* Hübner, 1818. Divisions 3, 5, 6, mid May-early September
- GALGULA** Guenée, 1852
- 9688 *partita* Guenée, 1852. Statewide, mid May-mid October
- PERIGEA** Guenée, 1852
- 9689 *xanthioides* Guenée, 1852. Division 6, early June
- CONDICA** Walker, 1856
- 9690 *videns* (Guenée 1852). Divisions 4, 5, 6, early June-mid August
- 9696 *vecors* (Guenée, 1852). Statewide, early May-mid September
- OGDOCONTA** Butler, 1891
- 9720 *cinereola* (Guenée, 1852). Divisions 3, 4, 5, 6, late June-early September
- STIRIODES** Hampson, 1908
- 9725 *obtusa* Herrich-Schäffer, 1854. Division 6, late June-early July
- PLAGIOMIMICUS** Grote, 1873
- 9754 *pityochromus* Grote, 1873. Division 6, August
- COSMIA** Ochseneheimer, 1816
- 9815 *calami* (Harvey, 1876). Statewide, July-early August
- AMOLITA** Grote, 1874
- 9818 *fessa* Grote, 1874. Divisions 4, 5, late June-mid July
- Cucullinae**
- XYLENA** Ochseneheimer, 1816
- 9873 *nupera* (Lintner, 1874). Divisions 2, 4, late September-mid April
- 9874 *curvimacula* (Morrison, 1874). Statewide, mid September-early May
- 9875 *thoracica* (Putnam-Cramer, 1886). Divisions 2, 4, mid September-mid April
- 9876 *cineritia* (Grote, 1875). Divisions 2, 4, mid September-mid April
- LITHOMOIA** Hübner, 1821
- 9878 *germana* (Morrison, 1874). Divisions 1, 2, 3, 4, 5, late August-late September
- HOMOGLAEA** Morrison, 1876
- 9881 *hircina* Morrison, 1876. Divisions 2, 4, late March-late April
- LITHOLOMIA** Grote, 1875
- 9884 *napaea* (Morrison, 1874). Division 2, mid September-early May
- LITHOPHANE** Hübner, 1821
- 9885 *semiusta* Grote, 1874. Divisions 2, 4, 6, mid September-early May
- 9886 *patefacta* (Walker, 1858). Divisions 2, 5, 6, October-April
- 9887 *bethunei* (Grote & Robinson, 1868). Divisions 2, 4, 5, 6, late September-early April
- 9887.1 *franclemonti* Metzler, 1998. Divisions 4, 6, October-April
- 9888 *innominata* (J. B. Smith, 1893). Division 2, mid September-early April
- 9889 *petulca* Grote, 1874. Divisions 1, 2, 6, late September-April
- 9891 *amanda* (J. B. Smith, 1900). Divisions 2, 3, 6, mid September-mid April
- 9892 *disposita* Morrison, 1874. Divisions 1, 2, 6, late September-early April
- 9893 *hemina* Grote, 1874. Statewide, late September-April
- 9894 *oriunda* Grote, 1874. Divisions 4, 6, late September-March
- 9899.1 *near lemmeri* (Barnes & Benjamin, 1929). Division 2, mid October

- 9902 *baileyi* Grote, 1877. Division 2, late September-early May
 9904.1 near *querquera* Grote, 1874. Division 6, mid April
 9909 *tepida* Grote, 1874. Divisions 2, 4, late September-mid April
 9910 *antennata* (Walker, 1858). Divisions 2, 4, 5, 6, late September-April
 9914 *laticinerea* Grote, 1874. Divisions 2, 5, October-March
 9915 *grotei* Riley, 1882. Divisions 2, 3, 6, October-April
 9916 *unimoda* (Lintner, 1878). Divisions 2, 4, 6, October-mid May
 9917 *fagina* Morrison, 1874. Divisions 1, 2, 4, late September-early May
 9922 *pexata* Grote, 1874. Divisions 1, 2, 4, late September-mid May
 9928 *thaxteri* Grote, 1874. Divisions 2, 4, mid September-May
- PYREFERRA** Franclemont, 1937
 9929 *hesperidago* (Guenée, 1852). Divisions 2, 3, 5, 6, October-April
 9930 *citromba* Franclemont, 1941. Divisions 2, 3, 4, 6, late September-late April
 9932 *pettiti* (Grote, 1874). Divisions 2, 5, 6, late September-early May
- EUPSILIA** Hübner, 1821
 9933 *vinulenta* (Grote, 1864). Statewide, October-April
 9933.1 *sidus* (Guenée, 1852). Divisions 4, 5, 6, late September-mid April
 9933.2 n. sp. Schweitzer (near *sidus* (Guenée, 1852)). Divisions 4, 6, late September-mid April
 9935 *tristigmata* (Grote, 1877). Divisions 2, 4, 5, 6, October-late April
 9936 *morrisoni* (Grote, 1874). Divisions 2, 4, 6, October-late April
 9939 *devia* (Grote, 1875). Divisions 2, 4, 5, late October-late May
- XYSTOPEPLUS** Franclemont, 1937
 9942 *rufago* (Hübner, 1818). Divisions 4, 6, late September-mid May
- METAXAGLAEA** Franclemont, 1937
 9943 *inulta* (Grote, 1874). Divisions 3, 4, 5, 6, September-early October
- EPIGLAEA** Grote, 1878
 9946 *decliva* (Grote, 1874). Divisions 4, 5, 6, early October-early November
 9947 *apiata* (Grote, 1874). Divisions 1, 2, 4, early September-early October
- CHAETAGLAEA** Franclemont, 1943
 9948 *cerata* Franclemont, 1943. Divisions 2, 4, 6, late September-early October
 9950 *sericea* (Morrison, 1874). Divisions 2, 4, 6, late September-October
- PSECTRAGLAEA** Hampson, 1906
 9951 *carnosa* (Grote, 1877). Division 2, late September
- EUCIRROEDIA** Grote, 1875
 9952 *pampina* (Guenée, 1852). Statewide, September
- SUNIRA** Franclemont, 1950
 9957 *bicolorago* (Guenée, 1852). Statewide, mid September-early November
- ANATHIX** Franclemont, 1937
 9961 *ralla* (Grote & Robinson, 1868). Statewide, late August-late September
 9962 *puta* (Grote & Robinson, 1868). Divisions 2, 4, 5, 6, early September
 9963 *aggressa* (J. B. Smith, 1907). Divisions 3, 5, 6, mid-September
- XANTHIA** Ochsenheimer, 1816
 9965 near *togata* (Esper, 1788). Statewide, mid-September-early October
- HILLIA** Grote, 1883
 9967 *iris* (Zetterstedt, 1839). Divisions 1, 3, 5, September
- PLATYPOLIA** Grote, 1895
 9976 *anceps* (Stephens, 1850). Divisions 2, 3, late September

- XYLOTYPE* Hampson, 1906
 9979 *acadia* Barnes & Benjamin, 1922. Divisions 1, 2, 4, September
- SUTYNA* Todd, 1958
 9989 *privata* (Walker, 1857). Divisions 1, 2, 4, 5, late August-late September
- PACHYPOLIA* Grote, 1874
 9992 *atricornis* Grote, 1874. Divisions 2, 6, mid-September-mid October
- BRACHYLOMIA* Hampson, 1906
 9998 *algens* (Grote, 1878). Divisions 1, 2, 3, 4, 5, late July-late August
 9999 *discinigr*a (Walker, 1856). Division 2, late August
- FERALIA* Grote, 1874
 10005 *jocosa* (Guenée, 1852). Division 2, April
 10007 *major* J. B. Smith, 1890. Divisions 2, 4, early April-early May
 10008 *comstocki* (Grote, 1874). Divisions 1, 2, 3, 4, early April-early June
- BRACHIONYCHA* Hübner, 1819
 10011 *borealis* (J. B. Smith, 1899). Divisions 2, 4, early April-early May
- PSAPHIDA* Walker, 1865
 10012 *electilis* (Morrison, 1875). Divisions 5, 6, April
 10013 *grandis* (J. B. Smith, 1898). Divisions 4, 5, 6, late March-late April
 10014 *rolandi* (Grote, 1874). Divisions 2, 4, 6, late March-late April
 10016 *styracis* (Guenée, 1852). Divisions 4, 6, late March-mid April
 10019 *resumens* Walker, 1865. Divisions 4, 6, late March-mid April
 10020 *thaxteriana* (Grote, 1874). Divisions 4, 6, late March-early April
- COPIVALERIA* Grote, 1883
 10021 *grotei* (Morrison, 1874). Divisions 2, 5, 6, April
- CATEBENA* Walker, 1865
 10033 *lineolata* Walker, 1865. Divisions 3, 4, 5, 6, mid May-mid August
- APHARETRA* Grote, 1901
 10055 *dentata* (Grote, 1875). Divisions 1, 2, 4, early July-early August
- HOMOHADENA* Grote, 1873
 10059 *badistriga* (Grote, 1872). Divisions 3, 4, 5, 6, early July-early August
 10065 *infixa* (Walker, 1856). Division 2, early July
- ADITA* Grote, 1874
 10067 *chionanthi* (J. E. Smith, 1797). Division 6, late August-mid September
- ONCOCNEMIS* Lederer, 1853
 10099 *saundersiana* Grote, 1876. Division 4, late August
 10108 *viriditincta* J. B. Smith, 1894. Division 4, late August-mid September
 10123 *piffardi* (Walker, 1862). Division 2, mid August
 10135 *riparia* Morrison, 1875. Divisions 1, 2, 3, 4, 6, late June-late July
- LEPIPOLYS* Guenée, 1852
 10154 *perscripta* Guenée, 1852. Division 4, late May-early June
- CUCULLIA* Schrank, 1802
 10190 *speyeri* Lintner, 1874. Divisions 2, 6, mid July
 10194 *intermedia* Speyer, 1870. Divisions 2, 3, mid June-early July
 10197 *florea* Guenée, 1852. Divisions 2, 3, mid June-mid July
 10198 *postera* Guenée, 1852. Division 2, early July-early August
 10200 *asteroides* Guenée, 1852. Divisions 2, 3, 5, 6, mid July-early August
 10202 *convexipennis* Grote & Robinson, 1868. Divisions 1, 2, 4, 6, July

Hadeninae

DISCESTRA Hampson, 1905

10223 *trifolii* (Hufnagel, 1766). Statewide, late May-late September

TRICHOCLEA Grote, 1883

10263 *artesta* (J. B. Smith, 1903). Divisions 3, 6, mid June-mid August

SIDERIDIS Hübner, 1821

10265 *rosea* (Harvey, 1874). Statewide, mid May-late June

10266 *congermana* (Morrison, 1874). Division 4, late May-early June

10268 *maryx* (Guenée, 1852). Divisions 1, 2, 4, late may-early June

POLIA Ochsenheimer, 1816

10275 *nimbosa* (Guenée, 1852). Divisions 1, 2, 3, July

10276 *imbriifera* (Guenée, 1852). Statewide, late June-July

10280 *purpurissata* (Grote, 1864). Statewide, late July-August

10288 *detracta* (Walker, 1857). Statewide, mid June-mid August

MELANCHRA Hübner, 1820

10292 *adjuncta* (Guenée, 1852). Statewide, early May-mid August

10293 *picta* (Harris, 1841). Divisions 3, 4, 5, 6, early June-late August

10294 *pulverulenta* (J. B. Smith, 1888). Divisions 1, 2, early June-early July

10295 *assimilis* (Morrison, 1874). Divisions 2, 3, 4, late May-early July

LACANOBIA Billberg, 1820

10296 *nevadae* (Grote, 1876). Divisions 1, 2, June

10297 *atlantica* (Grote, 1874). Divisions 1, 2, 3, 4, 5, late May-mid August

10298 *radix* (Walker, 1857). Divisions 1, 2 June

10299 *subjuncta* (Grote & Robinson, 1868). Divisions 3, 4, 5, 6, early June-early September

SPIRAMETER McCabe, 1980

10300 *grandis* (Guenée, 1852). Divisions 1, 2, 3, 4, 6, mid May-June

10301 *lutra* (Guenée, 1852). Divisions 1, 2, 3, 4, late May-early July

TRICHORDESTRA McCabe, 1980

10302 *rugosa* (Morrison, 1875). Divisions 1, 2, 4, June

10303 *tacoma* (Strecker, 1900). Divisions 1, 2, 3, late May-late June

10304 *legitima* (Grote, 1864). Statewide, early July-mid August

10307 *lilacina* (Harvey, 1874). Divisions 2, 3, 5, early July-early August

PAPESTRA Sukhareva, 1972

10310 *quadrata* (J. B. Smith, 1891). Division 2, late May-early June

10311 *biren* (Goeze, 1781). Division 2, mid June

HADENA Schrank, 1802

10317 *capsularis* (Guenée, 1852). Divisions 4, 6, June

ANARTA Ochsenheimer, 1816

10332 *luteola* Grote & Robinson, 1865. Division 2, late May

LACINIPOLIA McDunnough, 1937

10368 *meditata* (Grote, 1873). Statewide, mid August-mid September

10370 *lustralis* (Grote, 1875). Divisions 1, 2, 3, 4, late June-early July

10372 *anguina* (Grote, 1881). Divisions 1, 2, 3, 4, 6, late May-mid June

10394 *vicina* (Grote, 1874). Divisions 1, 2, 3, 4, 6, mid July-mid August

10397 *renigera* (Stephens, 1829). Statewide, June-September

10405 *lorea* (Guenée, 1852). Statewide, mid June-mid July

10406 *olivacea* (Morrison, 1874). Statewide, early August-mid September

- 10414 *implicata* McDunnough, 1937. Division 6, late August-early September
FARONTA J. B. Smith, 1908
- 10431 *diffusa* (Walker, 1856). Statewide, early May-late August
- 10434 *rubripennis* (Grote & Robinson, 1870). Divisions 5, 6, August
ALETIA Hübner, 1821
- 10436 *oxygala* (Grote, 1881). Statewide, June-early September
PSEUDALETIA Franclemont, 1951
- 10438 *unipuncta* (Haworth, 1809). Statewide, mid April-mid October
LEUCANIA Ochsenheimer, 1816
- 10440 *linita* Guenée, 1852. Divisions 1, 2, 4, 5, early June-early September
- 10444 *phragmitidicola* Guenée, 1852. Statewide, mid May-mid September
- 10445 *linda* Franclemont, 1952. Divisions 3, 4, 5, 6, June-late September
- 10446 *multilinea* Walker, 1856. Statewide, mid June-mid August
- 10446.1 *lapidaria* (Grote, 1876). Statewide, mid June-August
- 10447 *commoides* Guenée, 1852. Statewide, late June-mid August
- 10449 *insueta* Guenée, 1852. Statewide, mid June-early July
- 10456 *adjuta* (Grote, 1874). Division 5, mid October
- 10459 *inermis* (Forbes, 1936). Divisions 4, 5, 6, June
- 10461 *ursula* (Forbes, 1936). Division 6, late August
- 10462 *pseudargyria* Guenée, 1852. Statewide, July
STRETCHIA Hy. Edwards, 1874
- 10471 *plusiaeformis* Hy. Edwards, 1874. Division 2, mid April
ORTHOSIA Ochsenheimer, 1816
- 10487 *rubescens* (Walker, 1865). Divisions 2, 4, 6, mid April-early May
- 10488 *garmani* (Grote, 1879). Divisions 2, 4, 6, April
- 10490 *revicta* (Morrison, 1876). Statewide, mid April-mid May
- 10491 *alurina* (J. B. Smith, 1902). Divisions 4, 5, 6, early April-mid May
- 10493 *segregata* (J. B. Smith, 1893). Division 3, mid May
- 10495 *hibisci* (Guenée, 1852). Statewide, early April-early May
CROCIGRAPHA Grote, 1875
- 10501 *normani* (Grote, 1874). Statewide, late April-early June
EGIRA Duponchel, 1845
- 10513 *dolosa* (Grote, 1880). Statewide, mid April-late May
ACHATIA Hübner, 1813
- 10518 *distincta* Hübner, 1813. Statewide, late April-late May
MORRISONIA Grote, 1874
- 10520 *evicta* (Grote, 1873). Statewide, late April-late May
- 10521 *confusa* (Hübner, 1827-31). Divisions 4, 5, 6, late April-late May
- 10521.1 *latex* (Guenée, 1852). [formerly 10291] Statewide, mid May-late June
NEPHELODES Guenée, 1852
- 10524 *minians* Guenée, 1852. Statewide, mid August-mid September
ANHIMELLA McDunnough, 1943
- 10530 *contrahens* (Walker, 1860). Divisions 2, 4, 5, mid June-mid July
HOMORTHODES McDunnough, 1943
- 10532 *furfurata* (Grote, 1875). Divisions 2, 4, 6, July
PROTORTHODES McDunnough, 1943
- 10552 *incincta* (Morrison, 1874). Statewide, late August-mid September

- 10553 *saturnus* (Strecker, 1900). Type specimen is from Wisconsin. Possibly a synonym of *P. incincta*.
- 10563 *oviduca* (Guenée, 1852). Statewide, late May-late June
- ULOLONCHE** J. B. Smith, 1888
- 10567 *culea* (Guenée, 1852). Divisions 2, 4, 6, mid May-mid June
- 10569 *modesta* (Morrison, 1874). Statewide, early May-early June
- PSEUDORTHODES** Morrison, 1874
- 10578 *vecors* (Guenée, 1852). Divisions 2, 4, 5, 6, early June-mid July
- ORTHODES** Guenée, 1852
- 10585 *crenulata* (Butler, 1890). Statewide, July
- 10587 *cynica* Guenée, 1852. Statewide, late May-early July
- 10589.1 *goodelli* (Grote, 1875). [formerly 10289] Statewide, late May-mid July
- 10589.2 *obscura* (J. B. Smith, 1888). [formerly 10290] Statewide, mid May-mid June
- TRICHOLITA** Grote, 1875
- 10627 *signata* (Walker, 1860). Statewide, early August-early September
- 10628 *notata* Strecker, 1898. Divisions 4, 5, 6, late August-early September
- Noctuinae**
- AGROTIS** Ochsenheimer, 1816
- 10641 *vetusta* Walker, 1865. Statewide, mid August-late September
- 10648 *gladiaria* Morrison, 1874. Divisions 3, 4, 5, 6, September
- 10651 *venerabilis* Walker, 1857. Statewide, September
- 10658 *stigmata* Morrison, 1874. Divisions 4, 5, mid May-early June
- 10659 *volubilis* Harvey, 1874. Divisions 1, 2, 3, 4, late May-mid June
- 10663 *ipsilon* (Hufnagel, 1766). Statewide, mid May-September
- FELTIA** Walker, 1856
- 10670 *jaculifera* (Guenée, 1852). Statewide, mid August-mid September
- 10674 *subgothica* (Haworth, 1809). Statewide, early August-early September
- 10675 *tricolor* (Lintner, 1874). Divisions 4, 5, 6, early August-early September
- 10676 *herilis* (Grote, 1873). Statewide, late July-early September
- COPABLEPHARON** Harvey, 1878
- 10689 *longipenne* Grote, 1882. Division 3, mid August
- EUCOPTOCNEMIS** Grote, 1874
- 10694 *fimbriaris* (Guenée, 1852). Divisions 3, 4, 5, 6, mid September
- TRICHOSILIA** Hampson, 1918
- 10698.2 *geniculata* (Grote & Robinson, 1868). [formerly 10680] Statewide, early August-mid September
- 10698.5 *mollis* (Walker, 1857). [formerly 10644] Divisions 1, 2, 4, mid July-mid August
- MESEMBRAGROTIS** Barnes & Benjamin, 1927
- 10701.1 new species. Divisions 5, 6, late August
- EUXOA** Hübner, 1821
- 10702 *divergens* (Walker, 1857). Divisions 1, 2, late June-late July
- 10703 *sinelinea* Hardwick, 1965. Division 1, late July
- 10705 *messoria* (Harris, 1841). Divisions 2, 3, 4, 5, late August-late September
- 10714 *quebecensis* (J. B. Smith, 1900). Division 1, late June
- 10715 *scandens* (Riley, 1869). Statewide, late June-July
- 10716 *aurulenta* (J. B. Smith, 1888). Division 3, mid June-early July

- 10727 *pleuritica* (Grote, 1876). Divisions 1, 2, 3, mid July-mid August
 10730 *lidia thanatologia* (Dyar, 1904). Divisions 2, 3, 4, mid June-mid August
 10731 *auxiliaris* (Grote, 1873). Division 2, early June
 10738 *mimallonis* (Grote, 1873). Divisions 1, 2, 4, early August-early September
 10749 *intrita* (Morrison, 1874). Division 1, late August
 10753 *immixta* (Grote, 1881). Division 6, July
 10755 *declarata* (Walker, 1865). Divisions 1, 2, 4, 6, late August-mid September
 10793 *scholastica* McDunnough, 1920. Divisions 5, 6, late June-late July
 10801 *ochrogaster* (Guenée, 1852). Division 2, August
 10803 *velleripennis* (Grote, 1874). Statewide, mid August-mid September
 10805 *tessellata* (Harris, 1841). Statewide, late June-mid August
 10807 *albipennis* (Grote, 1876). Statewide, late August-mid September
 10812 *bostoniensis* (Grote, 1874). Division 5, late September
 10813 *medialis* (J. B. Smith, 1888). Division 6, late September
 10817 *obeliscoides* (Guenée, 1852). Divisions 5, 6, mid August-early September
 10831 *niveilinea* (Grote, 1882). Divisions 4, 5, 6, mid September
 10838a *detorsa personata* (Grote, 1876). Statewide, late August-late September
 10851 *redimicula* (Morrison, 1874). Divisions 3, 4, 5, 6, late July-late August
 10854 *servita* (J. B. Smith, 1895). Divisions 2, 4, 6, early July-early August
 10863 *manitobana* McDunnough, 1925. Divisions 1, 3, 4, July
 10865 *perpolita* (Morrison, 1876). Divisions 2, 4, late August-mid September
RICHIA Grote, 1887
 10869 *grotei* (Franclemont & Todd, 1983). Division 6, mid August-early September
OCHROPLEURA Hübner, 1821
 10891 *implecta* Lafontaine, 1998. Statewide, late May-August
EUAGROTIS McDunnough, 1929
 10902 *forbesi* Franclemont, 1952. Statewide, early June-July
 10903 *illapsa* (Walker, 1857). Divisions 4, 5, 6, late May-late August
 10909 *tenuescens* (J. B. Smith, 1890). Division 6, late July
PERIDROMA Hübner, 1821
 10915 *saucia* (Hübner, 1803-08). Statewide, April-November
DIARSIA Hübner, 1821
 10917 *rubifera* (Grote, 1875). Divisions 1, 2, 3, 4, late June-early August
 10919 *jucunda* (Walker, 1857). Divisions 1, 2, 3, July
 10921 *rosaria* (Grote, 1878). Divisions 1, 2, mid June-early July
ACTEBIA Stephens, 1829
 10924 *fennica* (Tauscher, 1806). Divisions 1, 2, 3, 4, late August
SPAELLOTIS Boisduval, 1840
 10926 *clandestina* (Harris, 1862). Statewide, mid June-mid September
GRAPHIPHORA Ochsenheimer, 1816
 10928 *augur* (Fabricius, 1775). Divisions 1, 2, 3, 4, early July-early August
EUROIS Hübner, 1821
 10929 *occulta* (Linnaeus, 1758). Divisions 1, 2, 3, mid July-late August
 10930 *astricta* Morrison, 1874. Divisions 1, 2, 3, 4, late July-late August
XESTIA Hübner, 1818
 10942 *c-nigrum* (Linnaeus, 1758). Statewide, early June-early October
 10942.1 *dolosa* Franclemont, 1980. Statewide, late May-mid September
 10943 *normaniana* (Grote, 1874). Statewide, early August-early September

- 10944 *smithii* (Snellen, 1896). Statewide, mid August-mid September
 10947 *oblata* (Morrison, 1875). Divisions 1, 2, early July
 10968 *badicollis* (Grote, 1873). Statewide, late August-early September
 10968.1 *praevia* Lafontaine, 1998. Divisions 1, 2, 4, late July-late August
 10970 *youngii* (J. B. Smith, 1902). Divisions 1, 2, 3, 4, late August-early September
COENOPHILA Stephens, 1850
 10988 *opacifrons* (Grote, 1878). Divisions 1, 2, 3, 4, 5, mid August-early September
AGNORISMA Lafontaine, 1998
 10988.2 *badinodis* (Grote, 1874). [formerly 10955] Divisions 5, 6, September
 10988.3 *bugrai* (Kocak, 1983). [formerly 10954] Statewide, late August-early September
PSEUDOHERMONASSA Varga, 1990
 10988.5 *bicarnea* (Guenée, 1852). [formerly 10950] Statewide, August
 10988.6 *tenuicula* (Morrison, 1874). [formerly 10951] Statewide, August-early September
PARADIARSIA McDunnough, 1929
 10992 *littoralis* (Packard, 1867). Division 2, mid June-early July
HEMIPACHNOBIA McDunnough, 1929
 10993.1 *monochromatea* (Morrison, 1874). Divisions 1, 2, 3, 4, late May-late June
CERASTIS Ochseneheimer, 1816
 10994 *tenebrifera* (Walker, 1865). Divisions 2, 6, early April-early May
 10996 *salicarum* (Walker, 1857). Divisions 2, 3, 6, mid April-early May
 10997 *fishii* (Grote, 1878). Division 1, 2, 3, early May-early June
APLECTOIDES Butler, 1878
 10999 *condita* (Guenée, 1852). Divisions 1, 2, late May-late June
ANAPLECTOIDES McDunnough, 1929
 11000 *prasina* (Denis & Schiffermüller, 1775). Statewide, early July-early August
 11001 *pressus* (Grote, 1874). Divisions 1, 2, 3, late June-mid July
CHERSOTIS Boisduval, 1840
 11003 *juncta* (Grote, 1878). Division 2, early August
PROTOLAMPRA McDunnough, 1929
 11004 *rufipectus* (Morrison, 1875). Divisions 2, 4, mid August-early September
 11006 *brunneicollis* (Grote, 1865). Statewide, mid July-early September
EUERETAGROTIS J. B. Smith, 1890
 11007 *sigmoides* (Guenée, 1852). Divisions 1, 2, 3, 6, July
 11008 *perattenta* (Grote, 1876). Divisions 1, 2, 3, 4, 6, late June-July
 11009 *attenta* (Grote, 1874). Statewide, July
LYCOPHOTIA Hübner, 1821
 11010 *phyllophora* (Grote, 1874). Divisions 1, 2, 3, 4, July
CRYPTOCALA Benjamin, 1921
 11012 *acadiensis* (Bethune, 1870). Statewide, mid July-mid August
NOCTUA Linnaeus, 1758
 11012.1 *pronuba* (Linnaeus, 1758). Statewide, mid June-August
ABAGROTIS J. B. Smith, 1890
 11029 *alternata* (Grote, 1864). Statewide, mid July-September
 11043 *cupida* (Grote, 1865). Statewide, late July-mid September
 11044 *brunneipennis* (Grote, 1875). Divisions 1, 2, 3, early July-late August
 11045 *anchocelioides* (Guenée, 1852). Statewide, early July-early September

UFEUS Grote, 1873

11052 *plicatus* Grote, 1873. Division 5, September-October

Heliothinae

PYRRHIA Hübner, 1821

11063 *adela* Lafontaine & Mikkola, 1996. Divisions 5, 6, mid June-early August

11064 *exprimens* (Walker, 1857). Divisions 1, 2, 3, 4, early June-early July

RHODOECIA Hampson, 1910

11065 *aurantiagio* (Guenée, 1852). Division 6, late July-mid August

HELICOVERPA Hardwick, 1965

11068 *zea* (Boddie, 1850). Statewide, mid August-mid October

HELIOTHIS Ochsenheimer, 1816

11070 *subflexus* Guenée, 1852. Divisions 4, 6, mid June-mid August

11072 *phloxiphagus* Grote & Robinson, 1867. Divisions 2, 6, mid May-mid September

11072.1 *acesias* Felder & Rogenhofer, 1872. Divisions 3, 4, 6, mid June-mid September

11081 *borealis* (Hampson, 1903). Divisions 2, 4, mid May

SCHINIA Hübner, 1818

11095 *indiana* (J. B. Smith, 1908). Division 4, late May-early June

11105 *bina* (Guenée, 1852). Divisions 2, 4, mid June

11110 *septentrionalis* (Walker, 1858). Divisions 5, 6, late August-early September

11117 *lynx* (Guenée, 1852). Divisions 4, 5, 6, mid July-early September

11118 *obscurata* Strecker, 1898. Divisions 3, 4, 5, 6, mid June-late July

11128 *arcigera* (Guenée, 1852). Statewide, mid August-mid September

11131 *mortua* (Grote, 1865). Division 6, late August

11132 *jaguarina* (Guenée, 1852). Division 6, early June-mid July

11135 *rivulosa* (Guenée, 1852). Divisions 3, 4, 5, 6, late July-mid August

11141 *thoreaui* (Grote & Robinson, 1870). Division 6, late July

11148 *oleagina* Morrison, 1875. Divisions 5, 6, mid August

11149 *trifascia* Hübner, 1818. Divisions 3, 4, 5, 6, late August

11164 *florida* (Guenée, 1852). Statewide, late July-late August

11174 *lucens* (Morrison, 1875). Divisions 4, 5, 6, late June-mid July

11177 *nundina* (Drury, 1773). Divisions 3, 4, 6, late July-late August

11179 *tertia* (Grote, 1874). Division 2, late August

11199 *chrysellia* (Grote, 1874). Division 4, mid September

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 infrequently encountered 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 heretofore unusual, infrequently encountered 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, pine barrens and dune habitats have a significant commonality of moth fauna. The classification and plant species composition information for the habitats discussed below is from Curtis (1959).

Dry Prairie: Isolated remnants occur on steep, rocky limestone-capped bluffs, with most sites located in the Southwestern Upland division. Dominant grasses include little bluestem, side-oats grama, Indian grass and northern dropseed. Other characteristic plants include leadplant, milkweeds, asters, goldenrods and blazing star. Moth species strongly associated with dry prairie include *Digrammia ordinata* (6356), *Apantesis carlotta* (8171.1), *Grammia figurata* (8188), *Cycnia inopinatus* (8228), *Catocala abbreviatella* (8841), *Catocala whitneyi* (8843), *Catocala amestris* (8844), *Tarachidia binocula* (8089), *Apamea burgessi* (9378), *Apamea relicina* (9380), *Euxoa immixta* (10753), *Richia grotei* (10869), *Schinia oleagina* (11148), and *Schinia lucens* (11174).

Sand Prairie: The most extensive remaining sites occur on dry, level sand terraces along the lower Wisconsin River in the Southwestern Upland division, an area referred to as the "Wisconsin Desert." Dominant grasses include little bluestem and June grass. Characteristic of this habitat are stands of prickly-pear cactus and wind-carved sand blowouts with false heather. Moth species associated with sand prairie include *Digrammia eremiata* (6357), *Crambidia casta* (8051), *Crambidia pura* (8052), *Apantesis carlotta* (8171.1), *Grammia phyllira* (8194), *Grammia oithona* (8195), *Grammia arge* (8199), *Cycnia inopinatus* (8228), *Phytometra ernestinana* (8480), *Drasteria graphica atlantica* (8618a), *Catocala abbreviatella* (8841), *Catocala whitneyi* (8843), *Catocala amestris* (8844), *Tarachidia binocula* (9089), *Apamea relicina* (9380), *Apamea burgessi* (9378), *Caradrina meralis* (9654), *Oncocnemis riparia* (10135), *Eucoptocnemis fimbriaris* (10694), *Euxoa scandens* (10715), *Euxoa vel-leripennis* (10803), *Euxoa albipennis* (10807), *Euxoa niveilinea* (10831), *Schinia lynx* (11117), and *Schinia lucens* (11174).

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. Bearberry and false heather are prominent on Lake Superior dunes. Moth species unique to or characteristic of dunes include *Thera contractata* (7218), *Crambidia casta* (8051), *Grammia phyllira* (8194), *Grammia oithona* (8195), *Drasteria graphica atlantica* (8618a), *Apamea inordinata* (9353), *Caradrina multifera* (9657), *Oncocnemis riparia* (10135),

Trichoclea artesta (10263), *Copablepharon longipenne* (10689), *Eucoptocnemis fimbriaris* (10694), *Euxoa quebecensis* (10714), *Euxoa aurulenta* (10716), and *Euxoa intrita* (10749)

Pine Barrens: Occurring in the Central Plains and Northern Highland divisions, this habitat consists of dry, sandy open areas with scattered scrubby jack pine and Hill's oak. Indicator species comprising the groundlayer flora include blueberry, bearberry, sweetfern, wild lupine, downy phlox, puccoon and New Jersey tea. Sites in the Central Plains and western Burnett County contain a large proportion of prairie plants, with the prevalence of prairie plants lessening in sites located to the north and east. Moths associated with pine barrens include *Apodrepanulatrix liberaria* (6693), *Erastria coloraria* (6704), *Hemaris gracilis* (7854), *Schizura apicalis* (8009), *Crambidia casta* (8051), *Crambidia pura* (8052), *Spilosoma dubia* (8136), *Grammia celia* (8187), *Pygarctia spraguei* (8254), *Cerma cora* (9061), *Bagisara rectifascia* (9169), *Acronicta quadrata* (9224), *Selicanis cinereola* (9430), *Chytonix sensilis* (9557), *Caradrina meralis* (9654), *Xylena thoracica* (9875), *Xylena cineritia* (9876), *Epiglaea apiata* (9947), *Psectraglaea carnosa* (9951), *Oncocnemis saundersiana* (10099), *Oncocnemis viriditincta* (10108), *Lepipolis perscripta* (10154), *Sideridis congermana* (10266), *Sideridis maryx* (10268), *Euxoa perpolita* (10865), *Xestia youngii* (10970), *Cerastis fishii* (10997), *Schinia indiana* (11095), and *Schinia bina* (11105).

Peat Bog: Occurring most frequently in northern Wisconsin and defined by a continuous sphagnum moss groundlayer on a wet, acid peat soil, bogs can be classified into several types. They range from floating lake edge sphagnum mats supporting cranberry, pitcher plant and sundews to muskegs characterized by tussocks with leatherleaf, bog laurel and bog rosemary to swamp conifer forests having nearly closed canopies of tamarack and black spruce. Associated moth species include *Macaria sulfurea* (6283), *Macaria truncataria* (6321), *Macaria sexmaculata* (6343), *Macaria submarmorata* (6350), *Macaria oweni* (6351), *Eufidonia discospilata* (6639), *Hyalophora columbia* (7768), *Holomelina lamae* (8120), *Spilosoma dubia* (8136), *Grammia speciosa* (8175.1), *Chrysonympha formosa* (8904), *Syngrapha montana* (8945), *Syngrapha microgamma nearctica* (8946a), *Exyra fax* (9021), *Eremobina claudens* (9396), *Oligia minuscula* (9416), *Chortodes basistriga* (9439), *Papaipema appassionate* (9493), *Epiglaea apiata* (9947), *Melanchra pulverulenta* (10294), *Trichordestra rugosa* (10302), *Anarta luteola* (10332), *Xestia oblata* (10947), *Xestia youngii* (10970), *Coenophila opacifrons* (10988), *Hemipachnobia monochromatea* (10993.1), *Cerastis fishii* (10997), and *Heliothis borealis* (11081).

Wet Prairie: Characterized by a flora including big bluestem, blue joint grass, cordgrass, wild rye, prairie dock, compass plant, blazing star, coneflowers, sunflowers, goldenrods and asters, most remaining examples of wet-mesic to wet prairie occur in southeastern Wisconsin. The relatively few moth species appearing to be strongly associated with wet prairies include *Luperina stipata* (9393), *Spartiniphaga inops* (9435), *Chortodes enervata* (9441), *Papaipema necopina* (9497), *Papaipema silphii* (9498), *Papaipema maritima* (9500), *Papaipema nelita* (9502), *Papaipema beeriana* (9508), and *Tricholita notata* (10628).

Wetland: Included in this general category are habitats ranging from marshes dominated by cattails and reeds to wet meadows dominated by sedges and bluejoint grass, with meadow rue, Joe-Pye weed and swamp milkweed being prominent. Many wet areas become dominated by shrubs such as willow, alder, steeple bush and meadow sweet. Wetland associated moth species include *Plemyria georgii* (7216), *Orthonama evansi* (7415), *Hemileuca maia* (7730),

Macrochilo absorptalis (8357), *Macrochilo bivittata* (8359), *Macrochilo orciferalis* (8360), *Macrochilo louisiana* (8361), *Hyphenodes caducus* (8420), *Hyphenodes fractilinea* (8421), *Hyphenodes palustris* (8422), *Hyphenodes sombrus* (8423), *Pseudeva purpurigera* (8899), *Plusia putnami* (8950), *Plusia contexta* (8952), *Plusia venusta* (8953), *Capis curvata* (9059), *Acronicta connecta* (9219), *Simyra henrici* (9280), *Luperina stipata* (9393), *Eremobina jocasta* (9398), *Meropleon diversicolor* (9427), *Lemmeria digitalis* (9429), *Spartiniphaga panatela* (9436), *Chortodes inquinata* (9437), *Chortodes enervata* (9441), *Chortodes defecta* (9443), *Archanara oblonga* (9449), *Archanara subflava* (9450), *Archanara laeta* ((9451), *Papaipema cataphracta* (9466), *Papaipema impecuniosa* (9473), *Papaipema lysimachiae* (9479), *Papaipema speciosissima* (9482), *Papaipema inquaesita* (9483), *Papaipema nepheleptena* (9490), *Papaipema eupatorii* (9501), *Papaipema unimoda* (9509), *Iodopepla u-album* (9522), *Bellura gortynoides* (9523), *Bellura brehmei* (9524), *Bellura obliqua* (9525), *Bellura densa* (9526), *Conservula anodonta* (9548), *Fagitana littera* (9629), *Xanthia near togata* (9965), *Hillia iris* (9967), *Leucania linita* (10440), and *Cryptocala acadensis* (11012).

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 are of western affinities. Strays are defined here as three or fewer historic occurrences, most being single occurrences 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.

Strays: *Macaria punctolineata* (6332), *Lobocleta ossularia* (7094), *Idaea bonifata* (7102), *Agrius cingulata* (7771), *Ceratomia hageni* (7790), *Erinnyis alope* (7832), *Erinnyis ello* (7834), *Erinnyis obscura* (7837), *Aellopos titan* (7849), *Eumorpha fasciata* (7865), *Eumorpha labruscae* (7866), *Utetheisa bella* (8106), *Tetanolita mynesalis* (8366), *Tetanolita florida* (8368), *Colobochoyla interpuncta* (8411), *Ophiuche minualis* (8457), *Tathorhynchus exsiccatus* (8466), *Eudocima materna* (8543), *Anomis erosa* (8545), *Alabama argillacea* (8554), *Anticarsia gemmatilis* (8574), *Melipotis perpendicularis* (8598), *Thysania zenobia* (8647), *Lesmone detrahens* (8651), *Mocis latipes* (8743), *Ptichodis bistrigata* (8751), *Catocala insolabilis* (8791), *Catocala maestosus* (8793), *Catocala lacrymosa* (8794), *Catocala junctura* (8829), *Argyrogramma verruca* (8885), *Autographa californica* (8914), *Thioptera nigrofimbria* (9044), *Tarachidia virginialis* (9088), *Leucania adjuta* (10456), *Stretchia plusiaeformis* (10471), *Anhimella contrahens* (10530), *Euxoa auxiliaris* (10731), *Chersotis juncta* (11103), *Schinia jaguarina* (11132), *Schinia tertia* (11179), *Schinia chrysellia* (11199).

Irregularly occurring migrants: *Manduca sexta* (7775), *Manduca quinquemaculata* (7776), *Sphinx vashti* (7803), *Eumorpha achemon* (7861), *Xylophanes tersa* (7890), *Ascalapha odorata* (8649), *Mocis texana* (8745), *Catocala luciana* (8808), *Ctenoplusia oxygramma* (8889), *Pseudoplusia includens* (8890), *Rachiplusia ou* (8895), *Megalographa biloba* (8907), *Amyna octo* (9070), *Magusa orbifera* (9637), *Faronta rubripennis* (10434).

Annually occurring migrants: *Pleuroprucha insulsaria* (7132), *Orthonama obstipata* (7414), *Costaconvexa centrostrigaria* (7416), *Hyles lineata* (7894), *Plathypena scabra* (8465), *Zale lunata* (8689), *Spodoptera frugiperda* (9666), *Spodoptera ornithogalli* (9669), *Galgula partita* (9688), *Pseudaletia unipuncta* (10438), *Agrotis ipsilon* (10663), *Peridromia saucia* (10915), *Helicoverpa zea* (11068).

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

- 6257 *Leucobrephe brephoides* (Walker, 1857). Covell (1970) states that synonym *hoyi* Grote was described from Wisconsin. Grote (1883) specifically mentions receiving a Wisconsin specimen ("wanting legs and antennae") from Dr. Hoy. This specimen was the basis of the name *Melicleptria hoyi* Grote, which was synonymized under *L. brephoides* by Grote (1883).
- 6711 *Thysanopyga intractata* (Walker, 1863). Forbes (1948) indicates the type was from Wisconsin. The species is a holly feeder, likely a stray or error (D. F. Schweitzer, pers. comm.).
- 6831 *Metarranthis apiciaria* (Packard, 1876). Attributed to Wisconsin by Covell (1970).
- 6832 *Metarranthis obfirmaria* (Hübner, 1823). Attributed to Wisconsin by Covell (1970).
- 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 *Xanthorhoe decolorata* (= 7384 *X. munitata*). *X. algidata* may possibly occur in northern Wisconsin.
- 7531 *Eupithecia indistincta* Taylor, 1910. Attributed to Wisconsin by Covell (1970). An eastern species recorded from Quebec and the northern Atlantic states, according to Bolte (1990).
- 9463 *Parapamea buffaloensis* (Grote, 1877). Forbes (1954) cites the specific locality of Racine, Wisconsin. Wetter et al. (1999) state that the occurrence of lizard's tail (*Saururus cernuus* L.), its sole larval host, has not been verified in Wisconsin.
- 9665 *Spodoptera exigua* (Hübner, 1803-08). Crumb (1956) includes Wisconsin in the range of this species, but its distribution is mainly in southern and western states. A migrant known for its long range dispersal, listed by Ferguson (1991).

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PLATES

PLATE 1

All figures are X1.0

1. *Habrosyne gloriosa* (Guenée), Pierce Co., 6 August 1994
2. *Itame amboflava* Ferguson, Vernon Co., 3 July 1995
3. *Paleacrita merricata* Dyar, Trempealeau Co., 26 March 1998
4. *Macaria marmorata* (Ferguson), Bayfield Co., 30 July 1992
5. *Macaria submarmorata* Walker, Price Co., 29 May 1998
6. *Digrammia pallidata* (Packard), Sauk Co., 14 May 1993
7. *Apodrepanulatrix liberaria* (Walker), Jackson Co., 26 August 1995
8. *Euchlaena milnei* McDunnough, Grant Co., 26 June 1998
9. *Metarranthis amyrisaria* (Walker), Bayfield Co., 30 May 1992
10. *Metarranthis indeclinata* (Walker), Jackson Co., 4 June 1994
11. *Cyclophora nanaria* (Walker), Manitowoc Co., 1 October 1997
12. *Dysstroma citrata* (Linnaeus), Oneida Co., 30 August 1997
13. *Dysstroma walkerata* (Pearsall), Oneida Co., 13 June 1992
14. *Eulithis propulsata* (Walker), Bayfield Co., 27 July 1992
15. *Plemyria georgii* (Hulst), Bayfield Co., 30 August 1992
16. *Thera contractata* (Packard), Manitowoc Co., 15 July 1993
17. *Hydriomena perfracta* Swett, Oneida Co., 6 June 1997
18. *Hydriomena ruberata* (Freyer), Sheboygan Co., 7 June 1992
19. *Anticlea vasiliata* (Guenée), Oneida Co., 25 May 1996
20. *Xanthorhoe abrasaria congregata* (Walker), Bayfield Co., 12 July 1994
21. *Xanthorhoe munitata* (Hübner), Bayfield Co., 27 July 1992
22. *Xanthorhoe labradorensis* (Packard), Manitowoc Co., 15 July 1993
23. *Orthonama evansi* (McDunnough), Marquette Co., 15 August 1997
24. *Hydrelia condensata* (Walker), Bayfield Co., 5 June 1996

plate 1

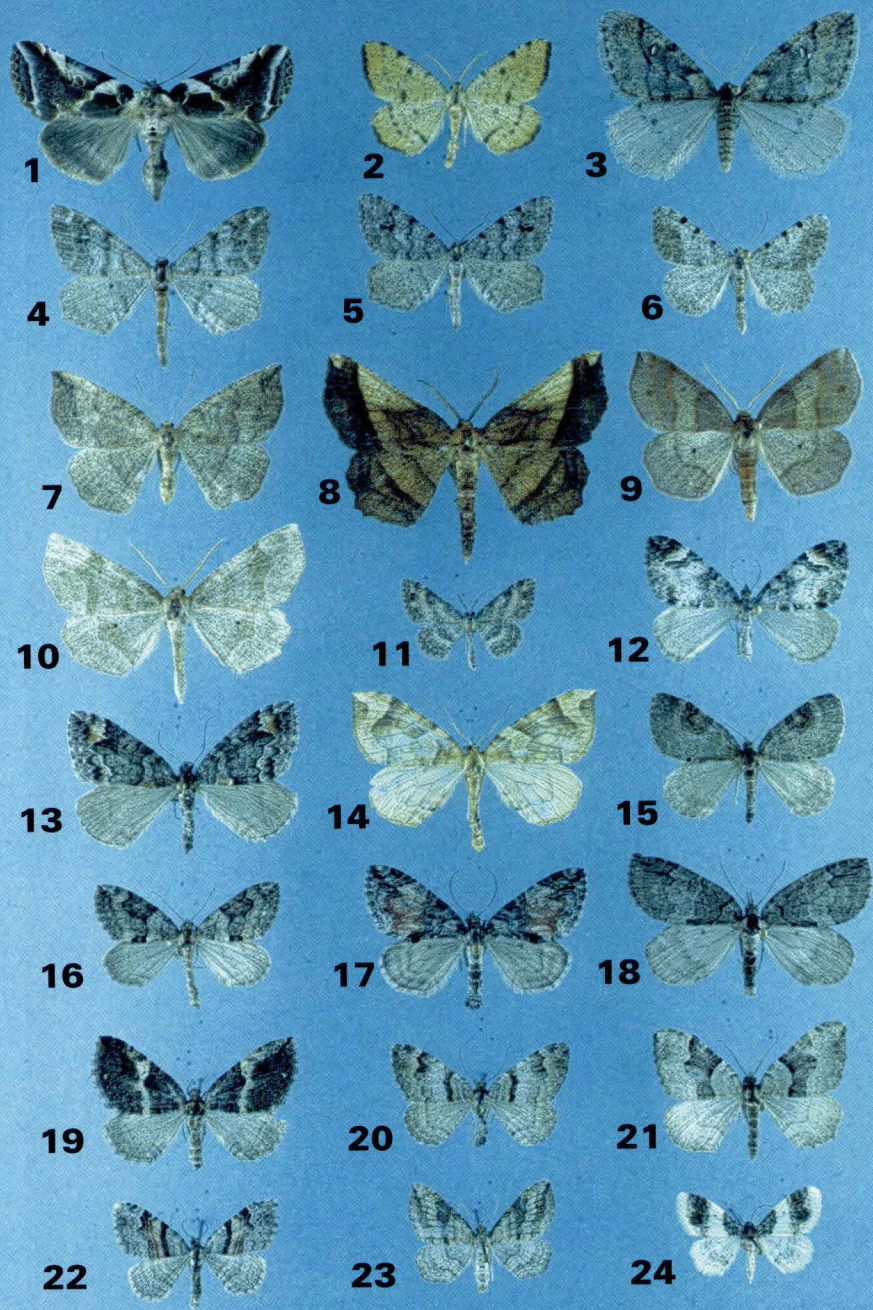


PLATE 2

All figures are X1.0

25. *Operophtera bruceata* (Hulst), Sheboygan Co., 10 November 1997
26. *Epirrita autumnata henshawi*, Door Co., 17 October 1998
27. *Clostera brucei* Hy. Edwards, Oneida Co., 4 June 1999
28. *Spilosoma dubia* (Walker), Price Co., 29 May 1998
29. *Holomelina lamae* (Freeman), Marathon Co., 4 July 1976
30. *Apantesis carlotta* Ferguson, Grant Co., 15 August 1981
31. *Grammia speciosa* (Möschler), Oneida Co., 4 August 1979
32. *Grammia celia* (Saunders), Waushara Co., 8 June 1999
33. *Ptichodis bistrigata* Hübner, Grant Co., 15 May 1982.
34. *Tarachidia binocula* (Grote), Sauk Co., 15 June 1993
35. *Tarachidia virginalis* (Grote), Sauk Co., 3 August 1987
36. *Tarachidia tortricina* (Zeller), Waukesha Co., 21 July 1989
37. *Merolonche dolli* Barnes & McDunnough, Burnett Co., 12 May 1989
38. *Apamea mixta* (Grote), Oneida Co., 8 August 1997
39. *Apamea ophiogramma* (Esper), Oneida Co., 17 July 1999
40. *Oligia obtusa* (J. B. Smith), Douglas Co., 5 September 1997
41. *Oligia crytora* (Franclemont), Vilas Co., 3 July 1985
42. *Selicanis cinereola* J. B. Smith, Monroe Co., 1 October 1996
43. *Chortodes basistriga* (McDunnough), Vilas Co., 8 September 1989
44. *Chortodes defecta* (Grote), Marquette Co., 15 August 1997
45. *Chortodes enervata* (Guenée), Kenosha Co., 10 August 1989
46. *Papaipema sciata* Bird, Dane Co., 30 September 1989
47. *Papaipema silphii* Bird, Waukesha Co., 2 September 1989
48. *Papaipema beeriana* Bird, Kenosha Co., 15 September 1990

plate 2

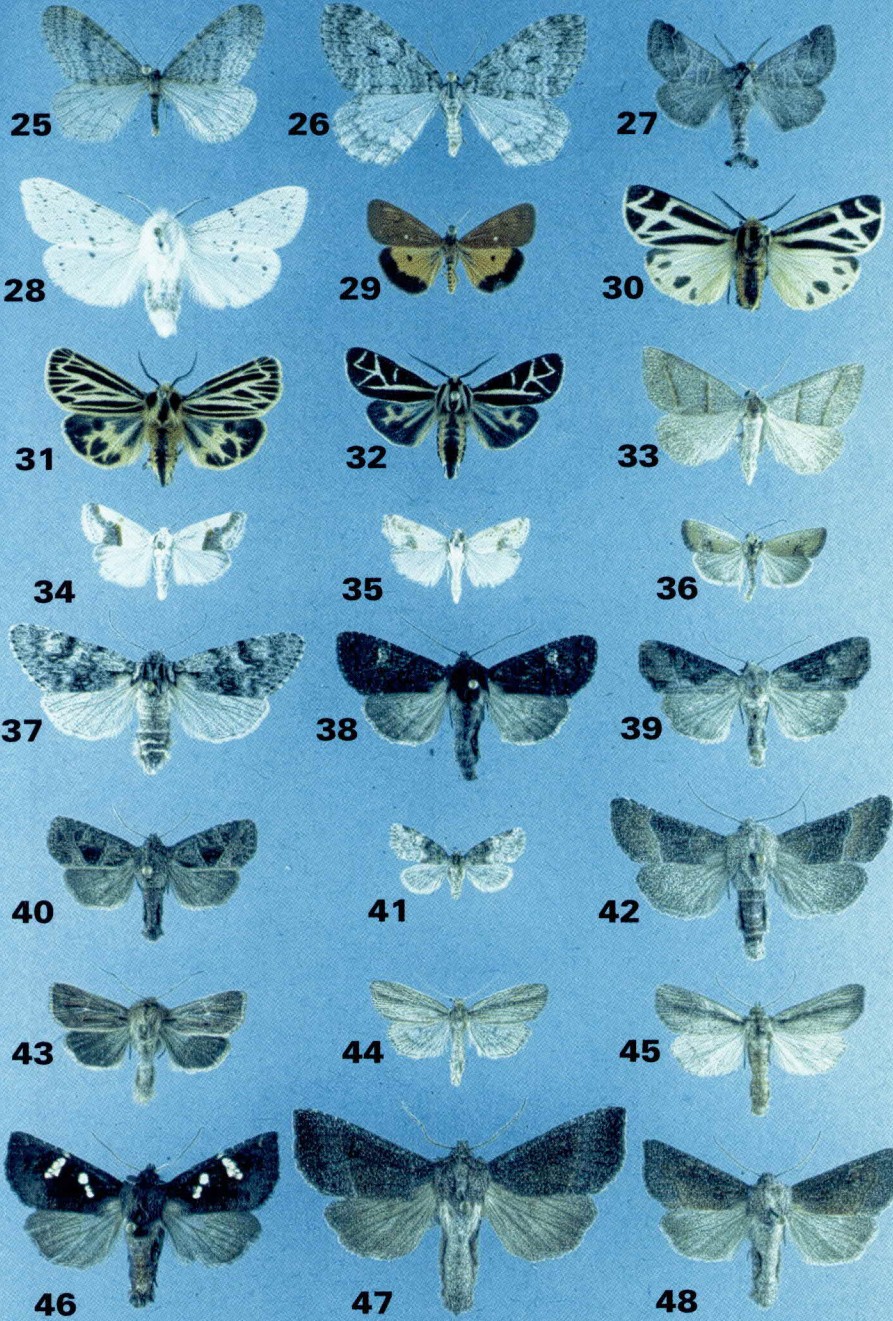


PLATE 3

All figures are X1.0

49. *Iodopepla u-album* (Guenée), Marquette Co., 14 May 1999
50. *Bellura brehmei* (Barnes & McDunnough), Price Co., 19 June 1998
51. *Enargia mephisto* Franclemont, Bayfield Co., 9 July 1994
52. *Chytonix sensilis* Grote, Jackson Co., 22 July 1993
53. *Properigea costa* (Barnes & Benjamin), Sauk Co., 3 August 1988
54. *Athetis mendosa* (McDunnough), Jackson Co., 5 July 1994
55. *Caradrina extima* (Walker), Douglas Co., 23 June 1991
56. *Lithophane franclemonti* Metzler, Trempealeau Co., 26 March 1998
57. *Xystopepla rufago* (Hübner), Sauk Co., 10 April 1993
58. *Anathix aggressa* (J. B. Smith), Sheboygan Co., 13 September 1991
59. *Psectraglaea carnosae* (Grote), Bayfield Co., 20 September 1996
60. *Brachylomia discinigræ* (Walker), Bayfield Co., 31 August 1992
61. *Oncocnemis viriditincta* J. B. Smith, Burnett Co., 24 August 1998
62. *Trichoclea artesta* (J. B. Smith), Sheboygan Co., 13 July 1991
63. *Anarta luteola* Grote & Robinson, Price Co., 24 May 1996
64. *Tricholita notata* Strecker, Waukesha Co., 2 September 1989
65. *Copablepharon longipenne* Grote, Sheboygan Co., 17 August 1991
66. *Richia grotei* (Franclemont & Todd), Pierce Co., 6 August 1994
67. *Schinia indiana* (J. B. Smith), Jackson Co., 4 June 1994
68. *Noctua pronuba* (Linnaeus), Oneida Co., 14 August 1999
69. *Schinia septentrionalis* (Walker), Green Co., 27 August 1979
70. *Schinia bina* (Guenée), Bayfield Co., 25 June 1996
71. *Schinia mortua* (Grote), Crawford Co., 21 August 1994

plate 3

