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Robert T. Allen
University of Arkansas, Fayetteville

Richard L. Brown
University of Arkansas, Fayetteville

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THE BIOTA OF MAGAZINE MOUNTAIN (II): A PRELIMINARY LIST OF THE MACROLEPIDOPTERA FAUNA

ROBERT T. ALLEN^{1,2} and RICHARD L. BROWN³
Department of Entomology
University of Arkansas
Fayetteville, Arkansas 72701

ABSTRACT

Collections during the past three years have demonstrated a large and diverse Lepidoptera fauna on Magazine Mountain, Logan County, Arkansas. During the study, over 5,000 specimens were collected at ten different localities on the mountain. To date, 274 species of macromoths have been identified. Twenty-six of these species are new state records while four of the taxa appear to be new species. Localities and the approximate dates when the specimens were collected are reported.

INTRODUCTION

The Lepidoptera species of an area constitute a significant part of the overall fauna. Adults are important pollinators, whereas the larvae feed on a variety of plants and are an important food source for other insect species and vertebrates, particularly birds. From the preliminary data, the Lepidoptera fauna of Magazine Mountain appears certainly large and diverse. Over 5,000 specimens have been collected and partially identified. This paper reports on the macromoth segment of the fauna of Magazine Mountain. The term macrolepidoptera has been used for more than a century to distinguish the families that include the large butterflies, skippers, and moths from the microlepidoptera, which includes families of mostly smaller moths. The macrolepidoptera is not a natural group, because butterflies and skippers are considered to be more closely related to moths assigned to microlepidoptera than to moths assigned to macrolepidoptera (Zimmerman, 1978). This paper lists only the moths that have traditionally been assigned to the macrolepidoptera. We have used the designation "macrolepidoptera" in order to be specific.

Numerous lists of species of macromoths and other Lepidoptera have been made for specific areas in North America during recent years. Among lists for the eastern section of United States, Tietz (1951) reported 1,049 species of macromoths occurring in Pennsylvania.

Blanchard *et al.* (1985), reported 453 species of macrolepidoptera (excluding butterflies and skippers) from Welder Wildlife Refuge, which occupies 7,800 acres in the transition zone between the prairies and plains of south Texas. Their list was based on approximately 23 years of collecting by numerous individuals. Rings and Metzner (1989) reported 417 species of macrolepidoptera moths in a three year survey at the Mohican State Forest and Mohican State Park in Ashland County, Ohio. Profant (1990, 1991) reported 318 species of macromoths from survey of the Sand Pine Scrub area of Blue Spring State Park in Volusia County, Florida, and he listed 459 species occurring on Beaver Island Archipelago in Lake Michigan.

The present study reports 274 species of macromoths collected during three years of sampling at ten sites on Magazine Mountain. Twenty-six of these species are new state records. Four of the taxa collected appear to represent new species and have been tentatively assigned to the following genera: *Cirrhophanus*, *Leuconycta*, *Protoperigea*, and *Zanclognatha*. The

junior author estimates that over 1,500 species of Lepidoptera may eventually be recorded from Magazine Mountain.

METHODS

With the exception of one species of *Cirrhophanus*, all specimens were collected with an ultraviolet blacklight, either at a sheet suspended in front of the light or in a box trap. The method for collecting and preparing specimens has been described by Hodges, as quoted by Zimmerman (1978). The *Cirrhophanus* species was collected by sweeping flowers of *Bidens*. During the first three years of this study (1988, 1989, 1990), specimens have been collected on approximately 55 nights. This paper is based on the identification of approximately 3,000 specimens of the 5,000 plus specimens that have been collected.

Nomenclature follows Hodges *et al.* (1983). New state records were based on ranges reported by Covell (1984) for moths in eastern North America. Species that have tentatively been identified as possibly new and undescribed were examined by Tim McCabe of the New York State Museum, Albany.

The following is a list of macrolepidoptera collected at Mt. Magazine, Arkansas; numbered localities listed in Table 1; months (M=May, Jn=June, Jy=July, A=August) are divided into first half (1=days 1-15) and second half (2=days 16-30/31); entry of month without number indicates collections made throughout month. Asterisk indicates new state records.

Table 1. Localities of collections at Mt. Magazine, Arkansas. Elevations in () are those used by the junior author.

1.	1050' (1020'), Cove Lake Campground, T7N,R25W, sec 35SE
2.	2550' (2540-2560'), T6N,R25W, sec 22N, Cameron Bluff Campground.
3.	2753' (2600-2640'), T6N,R25W, sec 22N, Signal Hill
4.	2575' (2600'), S. Rim, W. Cabin Site, T6N,R25W, sec 22SW
5.	2650' (2640'), Dripping Springs Rd., T6N,R25W, sec 20SE
6.	2550' (2680-2700'), Mossback Ridge, T6N,R25W, sec 23SW
7.	1300' (1350'), Wicked Creed Rd., T6N,R25W, sec 16
8.	2500', N.Slope, Mossback Ridge, T6N,R25W, sec 23NW
9.	2675' (2620'), Radio Tower Rd., T6N,R25W, Sec 21SE
10.	2400' (2370'), East End Rec. Area, T6N,R25W, sec 24SE

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²Professor, Department of Entomology, University of Arkansas, Fayetteville, AR 72701.

³Associate Professor, Department of Entomology, Mississippi State University, Drawer EM, Mississippi State, MS 39762

	LOCALITIES	DATES			
APATELODIDAE					
<i>Apateles torrefacta</i> (J.E. Smith)	2,3	Jy2,A1	<i>Orthonama obstipata</i> (F.)	1,2,4,5,7	M2
<i>Olceclostera angelica</i> (Grt.) *	1-3	M2,Jn1,Jy2	<i>Patalene olyzonaria</i> (Wlk.)	1-3	M2,Jy2
ARCTIIDAE					
<i>Apantesis anna</i> (Grt.)	1,4	M2	<i>Pero</i> sp.	2	A1
<i>Apantesis figurata</i> (Drury)	1,4,5,7	M2	<i>Plagodis alcoolaria</i> (Gn.) *	1-3	M2,Jy2,A1
<i>Apantesis nais</i> (Drury)	1	M2	<i>Plagodis fervidaria</i> (H.-S.)	1	M2
<i>Cisseps fulvicollis</i> (Hbn.)	4,5,7	M2	<i>Pleuroprucha insularia</i> (Gn.)	1,3,5	M2,Jy1
<i>Cisthene packardii</i> (Grt.)	4	M2	<i>Probole amicaria</i> (H.-S.) *	1,3,4,7,8	M2,Jn1
<i>Clemensia albata</i> Pack.	1,3	M	<i>Prochoerodes transversata</i> (Drury)	1,2	Jn2
<i>Crambidia</i> sp.	10	Jn1	<i>Protoboarmia porcelaria</i> (Gn.)	1,2,5	M2,Jn2
<i>Cyrcia tenera</i> Hbn.	5	M2	<i>Scopula limboundata</i> (Haw.)	1,7	M2
<i>Halysidota tessellaris</i> (J.E. Smith)	2	Jn2	<i>Selenia kentaria</i> (G. & R.) *	3	Jy2
<i>Haploa contigua</i> (Wlk.)	2	Jn2	<i>Semiothisa bicolorata</i> (F.)	1,2,7	M2,Jn2,A2
<i>Haploa reversa</i> (Stretch)	2	Jn	<i>Semiothisa continuata</i> (Wlk.)	2	Jn2
<i>Holomelina aurantiaca</i> (Hbn.)	1,4	M2	<i>Semiothisa eremiata</i> (Hulst) *	2	Jn1
<i>Holomelina laeta</i> (Guer.-Meneville) *	1	M2	<i>Semiothisa multilineata</i> (Pack.)	2,4	M2,Jn2
<i>Holomelina opella</i> (Grt.)	1,7	M2	<i>Semiothisa ocellinata</i> (Gn.)	1-3,5,7,8	M2-A
<i>Hyphantria cunea</i> (Drury)	2,6	Jn2	<i>Semiothisa promiscuata</i> Fgn.	1,7	M2
<i>Hypoprepia miniata</i> (Kby.)	1,2,3,4,10	Jn,Jy,A	<i>Semiothisa transitaria</i> (Wlk.)	4	M2
<i>Spilosoma congrua</i> Wlk.	1	M2	<i>Synchlora frondaria</i> Gn.	1,8	M2
<i>Spilosoma virginica</i> (F.)	10	Jn1	<i>Tetracis cachexiata</i> (Gn.)	1,4,5	M2
DREPANIDAE					
<i>Oreta rosea</i> (Wlk.)	3	Jy2	LASIOCAMPIDAE		
EPIPLEMIDAE					
<i>Callizzia amorata</i> Pack.	1	M2	<i>Malacosoma americanum</i> (F.)	1,4,8,10	M2,Jn1
GEOMETRIDAE					
<i>Anacamptodes vellivolata</i> (Hulst)	1	M2	MIMALLONIDAE		
<i>Anavirinella pampinaria</i> (Gn.)	1-3	M2,Jn2,A	<i>Lacosoma chiridota</i> Grt.	1	M2
<i>Antepione thisoaria</i> (Gn.)	2,3	Jn2,A2	NOCTUIDAE		
<i>Besma quercivoraria</i> (Gn.)	1,2,4	M2,Jn2,A2	<i>Abagrotis alternata</i> (Grt.)	2-4	Jy,A
<i>Cabera quadrifasciaria</i> (Packard)	1	M2	<i>Acronicta afflicta</i> Grt.	1,4,7	M2
<i>Campaea perlata</i> (Gn.) ? *	5,7	M2	<i>Acronicta americana</i> Harr.	2,4	Jn1,Jy2,A2
<i>Chlorochlamys chloroleucaria</i> (Gn.)	4,7	M2	<i>Acronicta funeralis</i> G. & R. *	4	A
<i>Cyclophora pendulinaria</i> (Gn.)	5	Jn1	<i>Acronicta furcifera</i> Gn.	4	M2
<i>Dichorda iridaria</i> (Gn.)	3	Jy1	<i>Acronicta haesitata</i> (Grt.)	1,2,4,5,7,8	M2,Jn,Jy1,A
<i>Ectropis crepuscularia</i> (D. & S.)	2,3,5	Jn,Jy2,A	<i>Acronicta hasta</i> Gn.	2,4	Jn1,A2
<i>Eubaphe mendica</i> (Wlk.)	1	M2	<i>Acronicta impleta</i> Wlk.	4,7	M2,Jn1
<i>Euchlaena pectinaria</i> (D. & S.)	2-4	Jy,A	<i>Acronicta inclard</i> Sm.	1,2,7,9	M2,A1
<i>Euchlaena tigrinaria</i> (Gn.)	1,4	M2	<i>Acronicta increta</i> Morr.	1,3,7	M2,A2
<i>Eulithis diversilineata</i> (Hbn.)	3	Jy1,A2	<i>Acronicta lithospila</i> Grt.	4	M2
<i>Eupithecia miserulata</i> Grt.	1	M2	<i>Acronicta lobeliae</i> Gn.	1,5	M2
<i>Eusarca confusaria</i> Hbn.	5	Jn1	<i>Acronicta morula</i> G.&R.	2-4	M2,Jn1,A2
<i>Eutrapela clemataria</i> (J.E. Smith)	2	A	<i>Acronicta ovata</i> Grt.	2-4	Jn,A
<i>Exelis dicolus</i> Rindge			<i>Acronicta radcliffei</i> (Harv.)	2	Jn2
<i>Glena cribrataria</i> (Gn.)	1,3	M2,A2	<i>Acronicta spinigera</i> Gn.	1,7	M2
<i>Glenoides texanaria</i> (Hulst)			<i>Acronicta tritona</i> (Hbn.)	1-3	M2,Jn1,A
<i>Heliomata cycladata</i> (G. & R.)	1,4,7,9	M2	<i>Agrapha oxygramma</i> (Gey.)	10	Jn2
<i>Horisme intestinata</i> (Gn.)	1	M2	<i>Agriopodes fallax</i> (H.-S.)	1	M2
<i>Hypagyrtis unipunctata</i> (Haw.)	1-3	M2,Jy2,A	<i>Agriopodes teratophora</i> (H.-S.)	1	M2
<i>Idea furcifera</i> (Pack)	2	Jy1	<i>Agrotis ipsilon</i> (Hufn.)	1,2	M2,Jn1
<i>Idea obfusaria</i> (Wlk.)	2	Jy1	<i>Allotria elonympha</i> (Hbn.)	1,4,5,7	M2
<i>Iridopsis larvaria</i> (Gn.) *	2	Jn2	<i>Amphipyra pyramidoides</i> Gn.	2	Jn1
<i>Itame pustularia</i> (Gn.) *	2	Jn2	<i>Anagrapha falcifera</i> (Kby.)	1,2	M2
<i>Itame subcessaria</i> (Wlk.) *	3	Jn1	<i>Anorthodes tarda</i> (Gn.)	1,4,5,8	M2
<i>Lambdina fuscicollis</i> (Gn.)	2-4	M2,Jn	<i>Apamea lignicolora</i> (Gn.)	4	M2
<i>Lomographa vestaliata</i> (Gn.)	1,2,4,7,8	M2,Jy2	<i>Argyrostroma anilis</i> (Drury)	1	M2
<i>Lytrosis unitaria</i> (H.-S.)	2	Jn2	<i>Arugisa latiorella</i> (Wlk.)	10	Jn1
<i>Melanolophia signataria</i> (Wlk.)	3	A1	<i>Autographa biloba</i> Steph.	4	Jn1
<i>Metarranthis duaria</i> (Gn.) *	2	Jn1	<i>Baileya australis</i> (Grt.)	10	Jn2
<i>Metarranthis homuraria</i> (G. & R.)	1,3	M2,A2	<i>Baileya dormitans</i> (Gn.)	6	Jn2
<i>Metarranthis hypocharia</i> (H.-S.) *	2	Jn2	<i>Baileya ophthalmica</i> (Gn.)	1,3,9	M2,Jy2
<i>Nemoria</i> sp.	2	Jy1	<i>Balsa labecula</i> (Grt.)	2	Jn2
<i>Orthonama centrostrigaria</i> (Woll.)	1,2,4,8	M2,Jn2	<i>Bleptina caradrinalis</i> Gn.	1,4,5,7,8	M2
			<i>Bleptina inferior</i> Grt.	1,4	M2
			<i>Bleptina sangamonica</i> B. & McD.	1	M2
			<i>Bomolocha abalienalis</i> (Wlk.)	3	A1
			<i>Bomolocha baltimoralis</i> (Gn.)	2,4	A2
			<i>Bomolocha bijugalis</i> (Wlk.)	2	A2
			<i>Bomolocha madefactalis</i> (Gn.)	1-3,6	Jn,A2
			<i>Bomolocha manalis</i> (Wlk.)	1	M2

The Biota of Magazine Mountain (II): A Preliminary List of the Macrolepidoptera Fauna

<i>Bomolocha palparia</i> (Wlk.)	1-3	Jn,Jy2	<i>Mocis texana</i> (Morr.)	1-4,7	M2,Jy2,A2
<i>Bulla deducta</i> (Morr.) *	2	Jn2	<i>Nedra ramosula</i> (Gn.)	2,4	M2,A1
<i>Catocala amestris</i> Stkr.	2	Jn2,Jy1	<i>Nola pustulata</i> (Wlk.)	1,7	M2
<i>Catocala amica</i> (Hbn.)	1,2,3	Jn2,Jy	<i>Ogdoconta cinereola</i> (Gn.)	1,3,4	M2,Jy2
<i>Catocala andromedae</i> (Gn.)	1,2	Jn2,Jy1	<i>Ozarba nebula</i> B. & McD. *	1	M2
<i>Catocala cerogama</i> Gn. *	2	Jy1	<i>Paectes abrostoloides</i> (Gn.)	1	M2
<i>Catocala coccinata</i>	2	Jn2,Jy2	<i>Paectes flabella</i> (Grt.)	1,4	M2
<i>Catocala crataegi</i> Saunders	2	Jy1	<i>Paectes oculatrix</i> (Gn.)	1	M2
<i>Catocala dejecta</i> Stkr.	2,3,4	Jn2,Jy2,A	<i>Palthis angulalis</i> (Hbn.)	1,3,4	M2,A2
<i>Catocala epione</i> (Drury)	2	Jn2,Jy1	<i>Palthis asopialis</i> (Gn.)	1,5,10	M2
<i>Catocala gracilis</i> Edw.	1,2	Jn2,Jy1	<i>Pangrapta decoralis</i> Hbn.	1-4,10	M2,Jn,A1
<i>Catocala ilia</i> (Cram.)	1,2,4	Jn,Jy1	<i>Panopoda carneicosta</i> Gn.	1-7	M2,Jn-A
<i>Catocala lacrymosa</i> Gn.	2,3	Jy2,A	<i>Panopoda rufimargo</i> (Hbn.)	1,2,4,5,10	M2,Jn,Jy1,A
<i>Catocala micronympha</i> Gn.	2	Jn2,Jy1	<i>Parallela bistriaris</i> Hbn.	1	M2,Jn2
<i>Catocala palaeogama</i> Gn. ?	4	A	<i>Peridroma saucia</i> (Hbn.)	1,2,4-6,10	M2,Jn
<i>Catocala residua</i> Grt. *	1	Jn2	<i>Phalaenostola larentioides</i> Grt.	10	Jn1
<i>Catocala relecta</i> Grt.	2,3,4	A	<i>Phosphila miselioides</i> (Gn.)	1,2,4,5,10	M2,Jn
<i>Catocala ulalume</i> Str.	2	Jy1	<i>Plathypena scabra</i> (F.)	1,2,5,8	M2,Jn2,A
<i>Caenurgina chloropha</i> (Hbn.)	2	Jn2	<i>Platysenta sutor</i> (Gn.)	5	M2
<i>Caenurgina erechthea</i> (Cram.)	2,4,10	M2,Jn	<i>Platysenta vecors</i> (Gn.)	1-4,8	M2,A
<i>Callopietria mollissima</i> (Gn.)	1	M2	<i>Plusiodonta compressipalpis</i> Gn.	3,4	Jy1,A2
<i>Cerma cerintha</i> (Tr.)	3	Jy1	<i>Polia detracta</i> (Wlk.)	1,2,3,4,5,10	M2,Jn1
<i>Charadra deridans</i> (Gn.)	2	Jy1	<i>Polia latex</i> (Gn.)	1	M2
<i>Chrysanympha formosa</i> (Grt.) *	1	M2	<i>Polychrysis morigera</i> (Hy. Edw.) *	8	M2
<i>Chytonix palliatricula</i> (Gn.)	1,2,4,5,7,8	M2,Jn1	<i>Polygrammate hebraeicum</i> Hbn.	1,5,7	M2
<i>Cirrhophanus</i> n.sp.	7	M2	<i>Protolampra brunneicollis</i> (Grt.)	1,2,4	M2,Jn,Jy1
<i>Cobubatha</i> sp.	1	M2	<i>Protoperigea</i> n.sp.	1,4	M2
<i>Colobochyla interpuncta</i> (Grt.)	1	M2	<i>Pseudaletia unipuncta</i> (Haw.)	2,3,4,5	M2,Jn1,A2
<i>Cosmia calami</i> (Harv.)	2	Jy1	<i>Rachiptusia ou</i> (Gn.)	2,6	Jn2
<i>Cucullia speyeri</i> Lint. *	4	M2	<i>Renia fraternalis</i> Sm.	1,4,7,9	M2
<i>Elaphria chalcedonia</i> (Hbn.)	4	M2	<i>Rhynchagrotis</i> sp. nr. <i>cupida</i> (Grt.)	2	Jn2
<i>Elaphria festivooides</i> (Gn.)	1	M2	<i>Scolecocampa liburna</i> (Gey.)	2,3	Jn,Jy1
<i>Elaphria grata</i> (Hbn.)	1,8	M2	<i>Spiloloma lunilinea</i> (Grt.)	4	A2
<i>Elaphria versicolor</i> (Grt.)	1	M2	<i>Spodoptera ornithogalli</i> (Gn.)	1,2,3,4,5,8	M2,Jn,Jy2
<i>Euagrotis illapsa</i> (Wlk.)	1,7	M2	<i>Spragueia leo</i> (Gn.)	2	Jn2,Jy1
<i>Eulidia cuspidata</i> (Hbn.)	1	M2	<i>Tarachidia candefacta</i> (Hbn.)	1	M2
<i>Eudryas grata</i> (F.)	2	Jn1	<i>Thioptera nigrofimbria</i> (Gn.)	1,3,5	M2,Jy2
<i>Euparthenos nubilis</i> (Hbn.)	1,5	M2	<i>Tricholita signata</i> (Wlk.)	3	A1
<i>Feltia subgothica</i> (Haw.)	4	A2	<i>Xestia dolosa</i> Franc.	1	M2
<i>Feltia tricolor</i> (Lint.)	4	A2	<i>Zale aeruginosa</i> (Gn.)	1	M2
<i>Galgula partita</i> (Gn.)	1,5,8	M2	<i>Zale horrida</i> Hbn.	1	M2
<i>Hemeroplanis scopulepes</i> (Haw.)	1	Jn2	<i>Zale lunata</i> (Dru.)	1,2,5	M2,Jn2
<i>Hemeroplanis</i> sp.	7	M2	<i>Zale minera</i> (Gn.)	1,2,3	M2,Jn2,Jy2
<i>Homohadena infixa</i> (Wlk.)	2	Jn	<i>Zale undularis</i> (Dru.)	1,2,6	M2,Jn
<i>Homophoberia apicosa</i> (Haw.)	1,4	M2	<i>Zale unilineata</i> (Grt.)	1	M2
<i>Homorthodes furfurata</i> (Grt.)	1,4	M2	<i>Zanclognatha cruralis</i> (Gn.)	1,4	M2
<i>Hyperstrotia secta</i> (Grt.)	1,2,4,5	M2,Jy2	<i>Zanclognatha jachusalis</i> (Wlk.)	1	M2
<i>Hyperstrotia villificans</i> (B. & McD.)	1	M2	<i>Zanclognatha obscuripennis</i> (Grt.)	4	M2
<i>Hypsoropha hormos</i> Hbn.	1,2,4	M2,Jy2,A2	<i>Zanclognatha pedipilalis</i> (Gn.) *	1,10	M2,Jn1
<i>Hypsoropha monilis</i> (F.)	1	M2	<i>Zanclognatha</i> n. sp.	2	Jn2
<i>Idia aemula</i> Hbn.	2-4,10	M2,Jn,A			
<i>Idia americana</i> (Gn.)	1-4,5,8	M2,Jy2	NOTODONTIDAE		
<i>Idia lubricalis</i> (Gey.)	2,4	M2,Jn2	<i>Datana angusii</i> G. & R.	3	Jy2
<i>Idia rotundalis</i> (Wlk.)	1,2	M2,Jy1	<i>Datana ministra</i> (Drury)	4	A2
<i>Iodolepta u-album</i> (Gn.)	1	M2	<i>Ellida caniplaga</i> (Wlk.)	3,6	Jn2,A1
<i>Isozona tenuis</i> (Grt.)	1	M2	<i>Furcula borealis</i> (Guer.-Meneville) *	2	A2
<i>Lacinipolia anguina</i> (Grt.)	1	M2	<i>Heterocampa biundata</i> (Wlk.)	2,3,10	Jn,Jy1,A1
<i>Lacinipolia lorea</i> (Gn.) *	2	Jn1	<i>Heterocampa obliqua</i> Pack.	1,2	Jn2,A1
<i>Lacinipolia renigera</i> (Steph.)	1,4,7,8	M2	<i>Heterocampa umbrata</i> Wlk.	1	M2
<i>Ledaea perditalis</i> (Wlk.)	1	M2	<i>Hyperbaeschna georgica</i> (H.-S.)	1,2,4	M2,Jn2,A
<i>Lesmone detrahens</i> (Wlk.)	1,4,5	M2	<i>Lochmaeus bilineata</i> (Pack)	1,3	M2,A1
<i>Leucania</i> sp.	1,10	M2,Jn1	<i>Lochmaeus manteo</i> Doubleday	3,4	M2,A1
<i>Leuconycta</i> n. sp.	2	Jn2	<i>Macrurrocampa marthesia</i> (Cram.)	1,2,4	M2,Jn1,A
<i>Lithacodia carneola</i> (Gn.)	1	M2	<i>Nadata gibbosa</i> (J.E. Smith)	1,5	M2
<i>Lithacodia concinnimacula</i> Gn. *	1,8	M2	<i>Nerice bidentata</i> Wlk.	3	Jy1,A1
<i>Lithacodia muscasula</i> (Gn.)	4	M2	<i>Oligocentria lignicolor</i> (Wlk.)	4	M2
<i>Marathyssa basalis</i> (Wlk.)	4	M2	<i>Oligocentria semirufescens</i> (Wlk.)	2	Jn1,A2
<i>Marathyssa inficita</i> (Wlk.)	1,4,8	M2	<i>Peridea angulosa</i> (J.E. Smith)	2,5	M2,Jy,A
<i>Metactra discalis</i> (Grt.)	1	M2	<i>Peridea basitriens</i> (Wlk.) *	3,7	M2,A2

Robert T. Allen and Richard L. Brown

<i>Schizura leptinoides</i> (Grt.)	1,2	M2,Jy1
<i>Schizura unicornis</i> (J.E. Smith)	4	M2
SATURNIIDAE		
<i>Actias luna</i> (L.)	1,2,4	JN1,A
<i>Anisota stigma</i> (F.)	3	Jy2
<i>Antheraea polyphemus</i> (Cram.)	2,3	Jn1,Jy2
<i>Automeris io</i> (F.)	1	Jn1,A
<i>Citheronia regalis</i> (F.)	3	A2
<i>Eacles imperialis</i> (Drury)	2,3,4	A
<i>Hyalophora cecropia</i> (L.)	2	Jn1
SPHINGIDAE		
<i>Darapsa myron</i> (Cram.)	2,3,6,10	Jn2,Jy2,A
<i>Darapsa pholus</i> (Cram.)	1,4	Jn1
<i>Deidamia inscripta</i> (Harr.)	1	Jn1
<i>Laothoe juglandis</i> (J.E. Smith)	2,4,5	M2,Jn2,A2
<i>Paonias astylus</i> (Drury) *	1,2,4	Jn2,A
<i>Paonias excaecatus</i> (J.E. Smith)	5,9	M2
<i>Paonias myops</i> (J.E. Smith)	1	Jn1
<i>Smerinthus jamaicensis</i> (Drury)	1	Jn1
<i>Sphinx chersis</i> (Hbn.)	4,6	Jn2

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