



Wisconsin Entomological Society Newsletter

Volume 35, Number 1

February 2008

I ended up the insect season by going to the National Entomological Society meetings in San Diego in December. I spent a good share of my time going to many of the thirty plus papers on bed bugs. If you want a measurement of how things have changed—there were only two papers at meetings in 2006. There are major insecticide resistance issues, and the chance of finding them in a hotel room in the US now stands at about 1%. One of the presenters even found them in his room at the convention, and a truck brought a bed bug sniffing dog to the hotel the day after the meetings were over. Although most entomologist look at

LAB NOTES FROM 2007

Article and Photos by Phil Pellitteri

them as *indoor mosquitoes*, I am well aware that the general public has a different image of them.

For 2007 over 40% of the samples I processed were digital images. I did get a chance to get my



Common Buckeye
(*Junonia coenia*)

first ever photo of the Buckeye (*Junonia coenia*), on October 23. I do very little collecting with a net anymore but that is one insect I had never captured in my life. As a youth I would have traded my bike for one. I did bring the net into the backyard, but decided a photo would be better so I chased the butterfly around some blooming mums. I got three pictures and enjoyed watching the butterfly dart away.

I had three samples of the Giant Leopard Moth (*Hypercompe scribonta*), including two larvae submitted. The larvae are quite stunning—a large black “wooly bear” with red spiracles and

intersegmental membranes. We captured our first Japanese Rock Pool Mosquito (*Oclerotatus japonicus*). It is a handsome black and white marked species. We now have 55 species recorded in the state. The heavy rains of August gave us a taste of what normal mosquitoes are like in the state.



Japanese Rock Pool Mosquito
(*Oclerotatus japonicus*)

I saw a high number of Green Stink Bug nymphs from the northern two-thirds of the state. The nymphs are black with orange and yellow markings and are often clustered in groups. They feed on fruits and can cause spotting and distortion of

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Green Stink Bug Nymph
(*Acrosternum hilare*)

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The Wisconsin Entomological Society Newsletter is published three times a year, at irregular intervals. It is provided to encourage and facilitate the exchange of information by the membership, and to keep the members informed of the activities of the organization. Members are strongly encouraged to contribute items for inclusion in the newsletter. Please send all news items, notes, new or interesting insect records, season summaries, and research requests to the editor:

Janice Stiefel, 2125 Grove Road, Bailey's Harbor, WI 54202, (920) 839-9796, e-mail: jstiefel@itol.com

NOTE: Please report any address changes to Les Ferge, 7119 Hubbard Ave., Middleton, WI 53562, e-mail: ferge@chorus.net



INSECT BOOKS AND WEBSITES

by Andrew Khitsun

Starting, as usual, with an eye-candy, I should mention photo albums by J. Scheer **Night Visions: The Secret Designs of Moths**, and P. Beckmann **Living Jewels 2** (the original book **Living Jewels** by the same author can still be easily found too) – all offering huge-sized photos of the most beautiful representatives of insect fauna. M.Chinery's book **Amazing Insects: Images of Fascinating Creatures**, although not as spectacular, serves up images and short descriptions of other insect groups and interesting details of insect anatomy. Speaking of which, **Six-Legged Sex: The Erotic Lives of Bugs** by J. Wangberg gives some insights into reproductive tools and tricks employed by different groups of insects, using easy-to-understand and sometimes-humorous language. Another book, **Discovering Moths: Nighttime Jewels in Your Own Backyard** by J. Himmelman, is good as a general reading for all who like hanging around their houses and gardens after dark looking for night dwellers of the said properties.

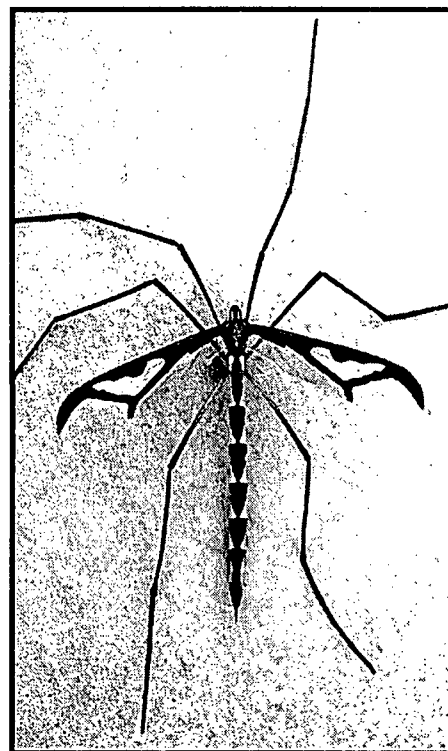
Of more serious volumes, **A Treatise on the Western Hemisphere Caraboidea (Volume I)** by T.Erwin continues in the footsteps of some previously mentioned outstanding works from the Pensoft Series Faunistica. For those more interested in Rove Beetles, **Catalog of Staphylinidae** in 7 volumes by L. Herman is a complete reference to that family worldwide (very expensive and hard to find – I couldn't figure if entire series was already published). Another useful volume, **The Sedge Moths of North America** by J. Heppner, treats all the known species of family *Glyptopterigidae* in Nearctic. **The Black Flies of North America** by P. Adler and others is a comprehensive reference to a family *Simuliidae* in the same region. And, deviating from insect topic once again (please forgive me), I must mention **Wildflowers of Wisconsin And the Upper Midwest** by M. Black and E. Judziewicz – the guide attempts to cover (quite successfully, although there are a few omissions) the entire flower flora of our state, giving very detailed descriptions and thumbnail photos for most species. The book is not available through general bookstores, but could be ordered from UW-Stevens Point Herbarium website <http://wisplants.uwsp.edu/>.

Among other useful websites, University of Kentucky Entomology at <http://www.uky.edu/Ag/CritterFiles/casefile/> helped me to identify my true bugs and a few other creatures. If you're a fan of Diptera, these interesting sites deal with Robber Flies: <http://www.giffbeaton.com/Robber%20Flies.htm> <http://www.hr-rna.com/RNA/Rfly%20pages/Eastern%20genera%20key.htm> and <http://www.hr-rna.com/RNA/Robber%20main%20page.htm>. Beautiful insect photos can be enjoyed at Beetles of Africa at <http://www.beetlesofafrica.com/index-old.asp> and Tom Murray's galleries at <http://www.pbase.com/tmurray74>. For those interested in Lady Beetles, <http://www.coccinellidae.cl/paginasWebPeru/InicioPeru.php> and <http://www.coccinellidae.cl/Inicio.php> are must-have favorites! 🌸

"The habits of insects are very mines of interesting knowledge, and it is impossible carefully to watch the proceedings of any insect, however insignificant, without feeling that no writer of fiction ever invented a drama of such absorbing interest as is acted daily before our eyes, though to indifferent spectators."

—J. G. Wood

MYSTERY INSECT CAN YOU IDENTIFY IT?



The wingspan of this Diptera is about 2½ in. Adults are most common near water or where there is abundant vegetation. Larvae live in water or in moist soil, and generally feed on decaying plant material. They do not bite. Please send answer to the editor. Winners will be announced in the next newsletter.



Membership Dues

Individual Membership
\$5.00 per year

Family Membership
\$10.00 per year

Sustaining Membership
\$15.00 per year

Patron Membership
\$25.00 per year

Please make check payable to WES
and send to Les Ferge,
7119 Hubbard Ave.,
Middleton, WI 53562-3231

2007 PHOTO SALON WINNERS



FIRST PLACE — ILONA LOSER

ROBBER FLY (*Laphria divisor*)

May 26, 2007, Cross Plains, WI

<http://bugguide.net/node/view/112908/bgimage>

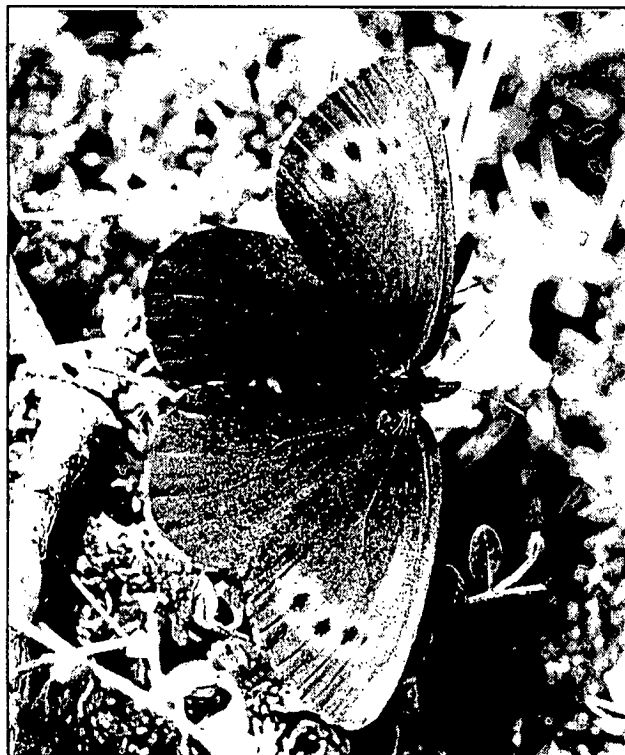


THIRD PLACE — ILONA LOSER

Gasteruption (*Gasteruption*) female

August 21, 2007, Cross Plains, WI

<http://bugguide.net/node/view/138579/bgimage>



SECOND PLACE — KYLE JOHNSON

Tiaga Alpine Butterfly (*Erebia mancinus*)

June 8, 2007, Lumberjack Bog,

Lake County, MN

REPORT ON 2007 FALL MEETING

Andrew Willtams, Outgoing President

About 25 people attended our 2007 Fall Meeting, held from noon to 5:00 PM on Saturday, October 13, in our usual meeting place in Russell Lab on the UW-Madison campus. This being our annual meeting, we had a brief financial report, which I presented because our treasurer, Les Ferge, was unable to attend. With 126 members, WES had \$4,100.00 at the opening of 2007, and \$3,976.00 on October 12. With this mild operating deficit, I challenged the people at our meeting to dig into their pockets to find a little something to put into a donation box. This amounted to \$84.00 by the close of the afternoon. Thank you! We also elected officers: Phil Pellitteri will be our new president, Kyle Johnson our new vice president, and Les Ferge will continue as our treasurer.

Please see, 2007 REPORT, Page 5

2007 REPORT, from Page 4

I took the liberty of dedicating our meeting, with its intellectual stimulation and pleasure, to the memory of Alistair Ramsdale, who recently died an accidental death. Alistair earned an M.S. in Entomology here at UW-Madison not long ago, in Dan Young's lab, was working on his Ph.D. in Montana, and was respected and appreciated by those who knew him for his intellect and his humor. We miss him.



Anita Carpenter's quilt depicting life in a south Florida hammock. Displaying the beautiful work of art are Dorothy Legler, left and Anita Carpenter, right.

Anita Carpenter showed us her new quilt, which depicts some of the life in a south Florida hammock: reptiles, insects, amphibians, spiders, flowers, trees. Everyone enjoyed studying this fine art. Anita tells me the next quilt will deal with milkweed insects. What could be better?

As usual at our fall meeting, we had a photo salon to determine the winner of the 24th annual William E. Steker Memorial Photography Award. Twenty-seven images were submitted by six people. Phil Pellitteri coordinated this hightech circus; thank you, Phil! The winner was an image of an asilid fly, one of the bee mimics, head on and closeup. This was submitted by Ilona Loser, who also submitted the third place image of a gastrupiid wasp on goldenrod flowers. Second place went to Kyle Johnson's image of *Erebta mancinus*, the Tiaga Alpine. With a fly, a butterfly and a wasp we had a

good mix of taxa among the winners. Alas, the picture of a young Les Ferge did not make the final cut, but we enjoyed seeing that.

We had ample time to mingle with one another before, after, and in the breaks taken between presentations. Refreshments vanished over the course of the day; many thanks to those who were able to bring something to share. There was a certain amount of specimen shuffling, particularly among the Carabidae as Peter Messer returned specimens to various people and borrowed others to carry away.

Four speakers each presented for about 30 minutes. Our first speaker was Bill Smith of Wisconsin DNR, who talked about the DNR's Wisconsin Peatland Project. This is a five-year project with one year left. With the threat of global warming altering these varied wetland habitats, this research is designed primarily to inventory what habitats and species are present, as baseline data. Raphael Rodriquez, a new immigrant to Wisconsin from University of Missouri-

Columbia, now of UW-Milwaukee, told us of his research dealing with sound transmission through plant tissues by membracids in the genus *Enchenopa*. The various species now recognized in this genus are broadly sympatric in the eastern United States, yet look alike, even to their genitalia. Raphael's hypothesis is that signal divergence by adults adventuring on new food plants leads to behavioral and food plant specialization. There are now 11 species recognized in this genus, all once lumped into *E. binotata*. Check out his article in *Evolution* (2007). After a break, we reconvened to enjoy a travelogue by Nadine Kriska, who took us away to a meeting of scarab workers in South Africa. I hope many of you got to see Nadine's wedding ring, another fine piece of insect art depicting two scarabs rolling a lapis ball. Then Kyle Johnson presented on winter insect collecting, outdoors, here in

Wisconsin. There are many taxa out there waiting for you to find on the snow, on bark of trees, in streams, in leaf litter, etc. Indeed, most local taxa live in Wisconsin all year, so they must be out there somewhere if we can just find them. There's much to learn and to enjoy outdoors in winter. Dress appropriately and carry an axe, was Kyle's advice.

On behalf of all who attended, I thank the four speakers for their work creating and delivering these presentations. I thank, too, the eager audience. We had a delightful afternoon. ❀

**What has six legs,
sits on its eggs like a
hen, flies better than a
hen, and is warm-blooded?**



It's the Bumble Bee!

The astounding fact that bumble bees are warm-blooded was discovered after a scientist saw a bumble bee gathering nectar one wintry cold morning. As it turned out, even with air temperatures near freezing, a bumble bee can maintain a body temperature of 95 degrees F.

Bumble bees are made up of three body sections; the head, thorax and the abdomen. They heat their blood in the thorax, where the flight muscles are and where the heat is most needed. This heat is regulated by its circulatory system which flows through its narrow waist. The blood then passes through a heat exchanger in which it is further heated by the warmer blood flowing away from the muscles. On a hot day, the bee does the neatest trick of all. It actually changes its circulatory system so that fresh blood coming to the wing muscles is not heated at all by the heat exchange system. The queen bumble bee also uses this ability to control heat to incubate her eggs at 80 degrees like a mother hen.

When we think about it, there is no simple form of life. Every creature has its own secret for survival. ❀

References: Jordan, William. *The Bee Complex*, Science, May 1984.

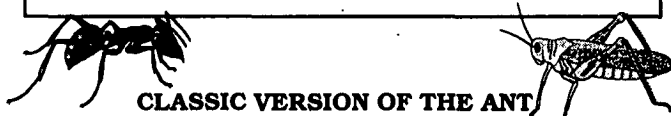
REPORT OF THE OUTGOING... LONG TERM

by Andrew Williams, Outgoing President

As outgoing president, I should say that I am giving up the presidency as I have no idea where my wife, with a new PhD in hand, will lead us as she seeks employment. Though we'll make our home where she finds the right work, I'll continue to be in Wisconsin a bit in summers as I work to expand my long-term milkweed fauna project to its natural proportions. So, watch for me on roadsides in summer, and please stop and have a chat. This has been fun. Our meetings are always enjoyable, and with more speakers now than in past years, they are more stimulating for all. But I must say, too, that I wish WES were more energetic. With a little work, we might raise money to more actively support entomology in various ways. We might raise money to donate to the Milwaukee Public Museum for curation of insects, or to the UW-Madison Entomology Dept. to help with graduate student expenses or even tuition, or to the Wisconsin DNR to support insect research, or to the Michigan Entomological Society to support their publication of the regional journal — *The Great Lakes Entomologist*, in which some of us publish. We might do all of these, in rotation. I think many of us would take satisfaction in more actively fostering entomology, even as we enjoy ourselves and communicate with each other. This idea would not lead to huge results initially, but it would energize our organization, in my view.

I recommend that we raise the dues from \$5.00 to \$10.00 so that WES might run mildly in the black instead of mildly in the red. (A "Senior Membership" of \$5.00 could be established to allow those on fixed incomes to continue to fully participate.) If we found our net worth expanding, we might more easily imagine expansion of our mission. I recommend having one or two meetings of the board each year, so that more might be accomplished. As things stand now, there is no active governance process happening.

I hope you will tell your new president, Phil Pellitteri, what you would like our organization to accomplish. He can most easily be reached by email at: pellitte@entomology.wisc.edu



CLASSIC VERSION OF THE ANT AND THE GRASSHOPPER

"The ant works hard in the withering heat all summer long, building his house and laying up supplies for the winter. The grasshopper thinks the ant is a fool and laughs and dances and plays the summer away. Come winter, the ant is warm and well fed. The grasshopper has no food or shelter so he dies out in the cold."

MORAL OF THE STORY:

Be responsible for yourself!

Answers to October 2007 MYSTERY INSECT

Mike Reese states: "The mystery insect is *Lepidophora lepidocera*. I didn't know what it was until I saw a photo in the new Kaufman insect field guide. In BugGuide they list information about the three species that are found in N.A. One only occurs in Texas and south and the other two evidently are widely distributed. The discussion leads one to believe that *L. lutea* is a more northern species, but the discussion clearly shows that the species that I have photographed in both Douglas and Juneau Counties is *L. lepidocera* based upon the easily seen white scales on the side of the fourth abdominal segment. See BugGuide: <http://bugguide.net/node/view/9004>

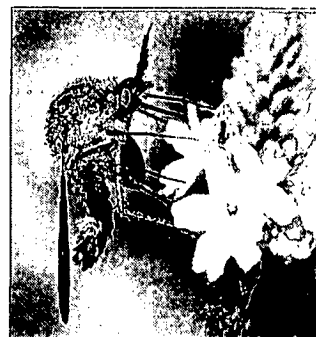


Photo: Mike Reese
July 25, 2007
Hunch-Backed Bee Fly
(*Lepidophora lepidocera*)

Dr. Daniel K. Young, Professor of Entomology and Director UW Insect Research Collection, UW-Madison

The moth-like mystery insect is a bombyliid fly in the genus *Lepidophora* (= scale + bearing). There are two possible species, *Lepidophora lutea* (Painter) or *Lepidophora lepidocera* (Wiedemann). The former—most likely guess—and one I've seen many times in Wisconsin. Actually, it is represented in the UW Insect Research Collection by several specimens. Perhaps most noteworthy (considering the 2003 published distribution failed to even list Wisconsin) is a specimen taken by William Marshall at Tower Hill. The noteworthy part? .. it was collected in the year 1900! Methinks more researchers should make use of our collection!

ILONA LOSER

Cross Plains, WI

I think the mystery insect in the photo on page 4 of the October 2007 newsletter is *Lepidophora lepidocera* or Scaly Bee Fly. I have seen this fly in our yard (one time) in August 2006 and managed to get a few photos at the time. An image is posted here:

<http://bugguide.net/node/view/68479/bgimage>

RON HUBER

Minneapolis, MN

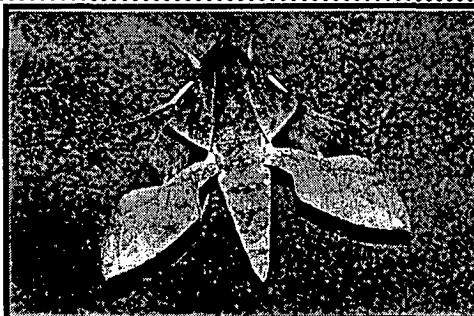
Just received the latest issue of WES NEWSLETTER. The notation that the insect is less than 5mm long had me puzzled. Should that be 15mm? I have seen these "bee flies" in the field many times, and they are certainly longer than 5mm. Family Bombyliidae, and then several references give different subfamilies, but usually Toxophorinae, and genus *Lepidophora*. Again, some sources say only two species, others say seven species. apparently the most common species is *Lepidophora lutea*, which I believe this one most resembles. As always, thanks for the challenge! 🐝

Autumn 2007

I was teaching a natural history class on "Reading the Landscape" and we were hiking on one of Door County's most pristine beaches in Newport State Park; Europe Bay beach. Even though the day was a muddy gray, our spirits were more aligned with everyone's colorful array of rain gear. Good rain gear was not an option today. This was our second day afield and we casually walked on the uninhabited, quiet beach. On our left, dunes of golden glacial sands, dotted with sedges and wormwood, graded into a forest of paper birch, red oak, and white pine. To our right, Lake Michigan's water leisurely lapped onto the saturated shore. A gentle wind brought waves of fine droplets cooling the cheeks of our small band of active hikers. What a day! But then again, it's the adverse weather days that can impart lasting memories. Optimism is a little wet today. Wildlife activity, especially the anticipated migrating waterfowl, was noticeably sparse and the fall colorama was muted by midtone grays and limited visibility. My mind harbored a quick thought of how uneventful this morning may be, when Ken, a retired minister, spotted something in the damp sand. "What is that?" I looked his way and saw what caught his attention. I reached down and glanced at the fairly large, soft green creature with angular wings—like the shape of a stealth fighter plane. I picked it up and with amazement, looked a little closer. Beads of water rolled off his fuzzy coat. It was alive and in excellent shape, like it recently eclosed from a cocoon. By now everyone was standing around admiring this creature of the beach. "I don't know, kind of looks like a hummingbird moth?" I gently exposed its underwing to see a miniature rainbow of color. We continued to hike. I placed our new find on my yellow rain jacket and that's where it clasped on for the next hour and a half. I took the beautiful mystery moth home. After photographing, I placed my new visitor in one of my Monarch butterfly rearing jars. Next, I gathered all my Lep books together

BEACHED SURPRISE

Article and Photo by Paul Regnier



Gaudy Sphinx Moth (*Eumorpha labruscae*)
10/2/07, Door County, Newport State Park
Wingspan 4-1/2 in.

to identify it. I wasn't very successful. I could find moths closely resembling the shape, but not the color or markings. I was stumped. I knew who I could contact to identify this mysterious moth. I emailed Janice Stiefel and sent along a photograph. She was excited and would get back to me as soon as she could.

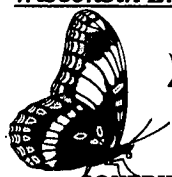
During its first night at my home, the mystery moth flew out of its glass abode. I'm not sure how long it was out or where it had gone but believe me when he roamed into my bedroom there was no question as to what startled me; its wing beats were rapid and loud. It awoke me a little past 3:00 a.m. and landed on my bedroom curtain, where it stayed until I got up. I easily transferred it back to the glass jar for the day.

The next morning, and during my class, my cell phone began to vibrate; I recognized Janice's phone number. With great excitement in her voice, she explained that she made some contacts in the insect world and was thrilled to report that we had truly an uncommon moth, a DOOR COUNTY record and we had a name for this unknown creature: the Gaudy Sphinx (*Eumorpha labruscae*). Janice emphasized that I was to keep this moth and submit the specimen for positive record. Apparently photographs are not as acceptable as proof anymore. The last known Gaudy Sphinx was found in Milwaukee on October 15, 1938!

Back at home and in the evening, I removed the lid on the jar to allow the moth a fly at night. I didn't want it to beat its wings to pieces inside the jar. In the morning, I wasn't as lucky in finding it. In fact, it couldn't be found. I thought the worst—maybe my 110 pound black lab had a lepidopteron snack last night, but he didn't look very guilty, so I dismissed this notion. I searched as much as I could before class, but no rare moth. The news of the 'lost moth' was not good for my class. After another great day of naturalizing in Door County's natural areas I returned home in search of a moth. I frantically looked behind and on top of everything; entertainment center, refrigerator etc., places I should clean some year...but no green moth. The next night was the same—no moth. After the third night, and at nearly 4:00 a.m. in the morning, I heard a fluttering sound. Alas, a lost moth is found! I hurried to the fluttering sound in the kitchen. What a relief, I thought. But before I reached the darkened kitchen I knew I had been fooled with the flutter...it was the paddle from my electric bread maker churning dough that resembled the flight of the moth! With a few self defeating comments to myself, I wanted to just turn back to my warm and cozy bed, but instead I decide to look around a bit. After a quick look, through the wee hours of the morning, and scurrying around, I finally spotted the moth resting on my dog's bed in the middle of the living room. It looked barely alive. But what a relief! I returned the rare lost moth to a lidded home. Too awake to sleep, I greeted the day with a pre-sunrise walk with Lucki, who by now gave me a very perplexing look from beneath the round oak kitchen table. Fortunately canines don't talk.

I brought the rare Door County visitor to my natural history class for a last look and lots of photos. It's amazing the magnitude of attention something receives when we discover or label it as rare or uncommon. By late that morning, the Sphinx was lifeless. After class, I brought the rarity to Janice's house, who sent it

Please see, **SURPRISE**, Page 12



2007 WISCONSIN LEPIDOPTERA SEASON SUMMARY

Compiled by Leslie A. Ferge



CONTRIBUTORS CITED: James A. Ebner (JAE), Leslie A. Ferge (LAF), Kyle E. Johnson (KEJ), Paul Regnier (PR), Joan F. Rickert (JFR), Tom Rocheleau (TR), Janice J. Stiefel (JJS), Scott & Ann Swengel (SAS).

GENERAL COMMENTS: Jim Ebner experienced an amazing season for southern migrant butterflies in SE Wisconsin, with stunning numbers of *Hylephila phyleus*, a massive outbreak of *Vanessa atalanta* in late spring, and the strongest showing of *Junonia coenia* in memory. Les Ferge reported drought conditions in northern Wisconsin, with water levels in the bogs the lowest in memory. Although hot and dry conditions prevailed in southern Wisconsin, the drought was not as prolonged or severe as in the north. Ferge recorded the largest number of stray and migratory moth species he ever found in a single season, and documented many species of migrant butterflies. The Noctuid moths *Anticarsia gemmatilis*, *Anomis erosa* and *Mocis texana* were widespread, with records from several counties. Although there were a few late-season episodes of near-freezing temperatures in southern Wisconsin, mild weather conditions allowed migrants to persist through the end of October. *Striacosta albicosta* (Western Bean Cutworm) continues to spread throughout the state. Kyle Johnson reported a severe lack of winter snow cover until February, and a very advanced spring, with a large number of early records. Spring bog/peatland species were ahead of average by 1-2 weeks or more. Many southern strays were found. Scott and Ann Swengel reported that summer was drier than average, with severe drought in northwestern Wisconsin. Several spring species, including *Oeneis chryxus*, had short flights. Many immigrant butterflies were reported, with *Junonia coenia* seen statewide into October. Significant southward migrations of *Vanessa atalanta* and *Nymphalis antiopa* were observed in September, with over 67 *antiopa* seen in Bayfield County. *Danaus plexippus* was abundant by late May in northern Wisconsin, especially in Douglas and Bayfield County bogs, just like in 2006, with above average numbers this summer. Population declines were noted for a number of species. Only one individual of *Erynnis martialis* was seen on each of three dates in Burnett County. *Chlosyne gorgone* has been declining widely since 1986, with low numbers seen of both broods in Burnett County and the summer brood in Jackson County. *Speyeria idalia* numbers were below average to average, with the lowest numbers since 1998 at Muralt Prairie, but high numbers in Iowa County at Barneveld Prairie and Deer Valley Golf Course. None were seen at Pine Island in Columbia County for the first time since 1994. **New county records are indicated by CAPITAL letters.**

SPECIES NAME	COUNTY	LOCALITY	DATE 1	DATE 2	CONTRIBUTOR
BUTTERFLIES					
Family HESPERIIDAE					
<i>Erynnis funeralis</i>	PORTAGE	N end of Buena Vista WA	4-Aug-2007		SAS
				(sighted white margin on HW)	
<i>Erynnis baptisiae</i>	Grant	Rutledge	28-Sep-2007	28-Sep-2007	LAF
<i>Pyrgus communis</i>	La Crosse	La Crosse Airport Sand Prairie	20-Jun-2007	20-Sep-2007	LAF
<i>Pyrgus communis</i>	WAUKESHA	Okauchee	26-Sep-2007		JAE
<i>Pholisora catullus</i>	La Crosse	La Crosse Airport Sand Prairie	21-May-2007		LAF
<i>Pholisora catullus</i>	Washington	Loew's Lake	9-Jul-2007		JAE
<i>Oarisma powesheik</i>	Waukesha	Kettle Moraine SF nr. Eagle	8-Jul-2007		JAE
<i>Hylephila phyleus</i>	Crawford	Prairie du Chien	8-Sep-2007		LAF
<i>Hylephila phyleus</i>	Grant	Rutledge	28-Sep-2007		LAF
<i>Hylephila phyleus</i>	Green	Albany	23-Sep-2007		LAF
<i>Hylephila phyleus</i>	Iowa	Avoca	29-Jul-2007	21-Oct-2007	LAF
<i>Hylephila phyleus</i>	La Crosse	La Crosse Airport Sand Prairie	6-Aug-2007	20-Sep-2007	LAF
<i>Hylephila phyleus</i>	Lafayette	Hardscrabble Prairie SNA	29-Jul-2007		LAF
<i>Hylephila phyleus</i>	ONEIDA	1 mi. SW of St. Germain	12-Aug-2007		LAF
<i>Hylephila phyleus</i>	Rock	Beloit	23-Sep-2007		LAF
<i>Hylephila phyleus</i>	WALWORTH	Beulah Bog Trail	24-Sep-2007		LAF
<i>Hylephila phyleus</i>	Waukesha	Okauchee	24-Jul-2007	30-Oct-2007	JAE
<i>Hesperia comma laurentina</i>	Oneida	1 mi. SW of St. Germain	12-Aug-2007		LAF
<i>Polites origenes</i>	LA CROSSE	La Crosse Airport Sand Prairie	20-Jun-2007		LAF
<i>Polites origenes</i>	Lafayette	Hardscrabble Prairie SNA	15-Jul-2007		LAF
<i>Atalopodes campestris</i>	LA CROSSE	La Crosse Airport Sand Prairie	5-Sep-2007		LAF
<i>Lerodea eufala</i>	LA CROSSE	La Crosse Airport Sand Prairie	5-Sep-2007		LAF
Family PAPILIONIDAE					
<i>Battus philenor</i>	WAUKESHA	Okauchee	6-Jul-2007		JAE
<i>Papilio cressphontes</i>	Waukesha	Okauchee	24-Jul-2007	10-Sep-2007	JAE
<i>Eurytides marcellus</i>	Milwaukee	Oak Creek	28-Aug-2007		JAE
Family PIERIDAE					
<i>Pontia protodice</i>	Ashland		10-Jun-2007		SAS
<i>Pontia protodice</i>	Crawford		8-Jul-2007		SAS
<i>Pontia protodice</i>	Douglas		9-Jun-2007		SAS
<i>Pontia protodice</i>	Iowa	Avoca	21-Oct-2007		LAF
<i>Pontia protodice</i>	Iron		10-Jun-2007		SAS
<i>Pontia protodice</i>	La Crosse	La Crosse Airport Sand Prairie	5-Jun-2007	6-Aug-2007	LAF
<i>Pontia protodice</i>	Portage	Buena Vista WA	15-Jul-2007		SAS
<i>Eurema lisa</i>	Grant	Jamestown Twp.	29-Jul-2007		LAF

Eurema lisa	Green		8-Jul-2007		SAS
Eurema lisa	Iowa	Avoca	17-Jul-2007	21-Oct-2007	LAF
Eurema lisa	Juneau	Lyndon Station	7-Aug-2007	7-Aug-2007	LAF
Eurema lisa	LA CROSSE	La Crosse Airport Sand Prairie	20-Jun-2007	3-Oct-2007	LAF
Eurema lisa	Marinette		16-Jun-2007		SAS
Eurema nicippe	IOWA	Avoca	11-Sep-2007	21-Oct-2007	LAF
Nathalis iole	Iowa	Avoca	29-Jul-2007	21-Oct-2007	LAF
Nathalis iole	Jackson	Bauer-Brockway Barrens SNA	7-Aug-2007		LAF
Nathalis iole	Jackson		3-Sep-2007		SAS
Nathalis iole	La Crosse	La Crosse Airport Sand Prairie	12-Sep-2007	3-Oct-2007	LAF
Nathalis iole	MONROE	Sparta Twp.	20-Sep-2007		LAF
Nathalis iole	Portage		3-Sep-2007		SAS
Nathalis iole	Sauk		28-Aug-2007		SAS
Nathalis iole	Waukesha	Okauchee	13-Sep-2007		JAE
Nathalis iole	Waukesha	Okauchee	13-Sep-2007	28-Sep-2007	JAE
Nathalis iole	Wood		20-Jul-2007		SAS
Family LYCAENIDAE					
Lycaena dione	Portage	Buena Vista WA	30-Jun-2007	15-Jul-2007	SAS
Lycaena hyllus	La Crosse	La Crosse Airport Sand Prairie	12-Sep-2007		LAF
Lycaena hyllus	Waukesha	Okauchee	13-Sep-2007	27-Sep-2007	JAE
Lycaena epixanthe michiganensis	Ashland	Glidden Bog	30-Jun-2007		LAF
Lycaena dorcas	Forest	Nicolet National Forest	29-Jun-2007	22-Jul-2007	SAS
Lycaena dorcas	Iron	Caroline Lake	23-Jun-2007	26-Jul-2007	SAS
Lycaena dorcas	Marinette		7-Jul-2007	22-Jul-2007	SAS
Lycaena dorcas	Price		7-Jul-2007		SAS
Lycaena helloides	Burnett	Crex Meadows	21-Jul-2007		SAS
Lycaena helloides	Sauk	Mirror Lake State Park	28-Aug-2007		SAS
Satyrrium titus	Milwaukee	Oak Creek	24-Jul-2007		JAE
Callophrys gryneus	Sauk	Mirror Lake State Park	11-Jul-2007		SAS
Callophrys gryneus	Waukesha	Kettle Moraine SF nr. Eagle	25-May-2007	31-May-2007	JAE
Callophrys augustinus	WASHBURN	Crystal Swamp	29-Apr-2007		KEJ
Callophrys irus	Jackson	Jackson County Forest	6-May-2007	29-May-2007	SAS
Callophrys irus	Wood		22-May-2007		SAS
Callophrys henrici	Adams	Adams Twp.	22-Apr-2007		KEJ
Callophrys henrici	Jackson	Jackson County Forest	11-May-2007	22-May-2007	SAS
Callophrys niphon clarki	Sheboygan	E of Division Rd. nr. Dundee			JAE
Callophrys niphon clarki	Sheboygan	Kettle Moraine SF nr. Dundee	22-May-2007		JAE
Strymon melinus	LA CROSSE	La Crosse Airport Sand Prairie	20-Sep-2007	20-Sep-2007	LAF
Lycaeides idas	Marinette	Shrine Rd.	16-Jun-2007	22-Jul-2007	SAS
(none found at Oconto County locality)					
Lycaeides melissa samuelis	Burnett		8-Jun-2007	22-Aug-2007	SAS
(very low #s in both broods, probably due to drought)					
Lycaeides melissa samuelis	Jackson		17-May-2007	22-Aug-2007	SAS
Plebejus saepiolus	Douglas		22-Jun-2007		SAS
Plebejus saepiolus	Marinette	Shrine Rd.	30-Jun-2007		SAS
Family LIBYTHEIDAE					
Libytheana carinenta	Dane	Middleton (Ferge backyard)	6-Jul-2007	6-Jul-2007	LAF
Family NYMPHALIDAE					
Polygonia faunus	Douglas		12-May-2007		SAS
(observed several times outpositting on Dwarf Birch)					
Nymphalis vau-album	Sauk	Baxter's Hollow	11-Jul-2007		SAS
Vanessa cardui	Iowa Avoca		17-Jul-2007	21-Oct-2007	LAF
Vanessa cardui	Waukesha	Okauchee	23-Aug-2007	30-Oct-2007	JAE
Vanessa atalanta	Waukesha	Okauchee	8-May-2007	5-Oct-2007	JAE
Junonia coenia	Bayfield		9-Jun-2007		SAS
Junonia coenia	Green Lake		5-Jun-2007		SAS
Junonia coenia	Iowa	Avoca	17-Jul-2007	21-Oct-2007	LAF
Junonia coenia	La Crosse	La Crosse Airport Sand Prairie	20-Jun-2007	20-Sep-2007	LAF
Junonia coenia	Lafayette	Hardscrabble Prairie SNA	15-Jul-2007		LAF
Junonia coenia	ONEIDA	1 mi. SW of St. Germain	12-Aug-2007		LAF
Junonia coenia	Portage	Buena Vista WA	8-Sep-2007		SAS
Junonia coenia	WALWORTH	Beulah Bog Trail	24-Sep-2007		LAF
Junonia coenia	Waukesha	Okauchee	8-Jun-2007	23-Oct-2007	JAE
Euptoieta claudia	Burnett		8-Jun-2007		SAS
Euptoieta claudia	Grant	Rutledge	28-Sep-2007		LAF
Euptoieta claudia	Green	Albany	23-Sep-2007		LAF
Euptoieta claudia	Portage		13-Aug-2007		SAS

Euptoietia claudia	TAYLOR	Medford	11-Jun-2007	12-Jun-2007	JFR
Speyeria idalia	Portage	Buena Vista WA	30-Jun-2007	3-Aug-2007	SAS
Boloria freija	Douglas	Summit Twp.	29-Apr-2007		KEJ
(early record for Great Lakes states and probably any region)					
Boloria characlea grandis	Douglas	Oakland & Summit Twps.	28-Jul-2007	10-Aug-2007	SAS
Limenitis arthemis x astyanax	Taylor	Medford	29-Jun-2007		JFR
Asterocampa celtis	TAYLOR	Medford	15-Jul-2007		JFR
Coenonympha tullia inornata	Jackson		29-May-2007		SAS
(common on barrens)					
Coenonympha tullia inornata	LA CROSSE	La Crosse Airport Sand Prairie	5-Jun-2007		LAF
Coenonympha tullia inornata	Wood	3 mi. NW of Babcock	5-Jun-2007		SAS
Erebia discoidalis	Douglas	NW of Solon Springs	12-May-2007		SAS
(28 individuals seen in seven sites)					
Oeneis chryxus	Douglas		12-May-2007	25-May-2007	SAS
Oeneis chryxus	Marinette	Dunbar Barrens	19-May-2007		SAS
Danaus plexippus	La Crosse	La Crosse Airport Sand Prairie	21-May-2007	20-Sep-2007	LAF
Danaus plexippus	Waukesha	Okauchee	18-May-2007	5-Oct-2007	JAE
MOTHS					
Family OECOPHORIDAE					
Agonopterix curvilineela	GRANT	Sandy Hook	4-Mar-2007		KEJ
Agonopterix curvilineela	SAUK	Hemlock Draw	18-Feb-2007		KEJ
Agonopterix clemensella	GRANT	Sandy Hook	4-Mar-2007		KEJ
Agonopterix atrodorsella	SHAWANO	Navarino SWA	3-Jan-2007		KEJ
Agonopterix eupatoriella	DANE	Madison School Forest	7-Apr-2007		KEJ
Agonopterix eupatoriella	GRANT	Sandy Hook	4-Mar-2007		KEJ
Agonopterix eupatoriella	KENOSHA	New Munster SWA	15-Jan-2007		KEJ
Agonopterix pulvipennella	SAUK	Baxter's Hollow	10-Feb-2007		KEJ
Agonopterix pulvipennella	DOOR	Gardner Swamp	27-Dec-2007		KEJ
Agonopterix nigrinotella	SHAWANO	Navarino SWA	3-Jan-2007		KEJ
Agonopterix argillacea	SHAWANO	Navarino SWA	26-Mar-2007		KEJ
Depressariodes ciniflonella	BURNETT	Crex Meadows	3-Nov-2007		KEJ
Semioscopsis inornata	DOUGLAS	Douglas County SWA	29-Apr-2007		KEJ
Semioscopsis megamicrella	WAUSHARA	White River SFA	29-Mar-2007		KEJ
Semioscopsis aureorella	DANE	Madison	30-Mar-2007		KEJ
Semioscopsis aureorella	SHAWANO	Navarino SWA	26-Mar-2007		KEJ
Semioscopsis aureorella	WAUSHARA	White River SFA	29-Mar-2007		KEJ
(possible STATE RECORD)					
Family GLYPHIPTERIGIDAE					
Glyphipterix haworthana	RUSK	Big Falls Twp.	29-Apr-2007		KEJ
(early record for WI)					
Glyphipterix haworthana	SAWYER	S of Radisson	29-Apr-2007		KEJ
Glyphipterix haworthana	WASHBURN	Crystal Swamp	29-Apr-2007		KEJ
Family TORTRICIDAE					
Rhyacionia granti	ADAMS	Adams Twp.	22-Apr-2007		KEJ
Pseudexentera vaccinii	DOUGLAS	Summit Twp.	29-Apr-2007		KEJ
Epinotia septemnerana	MARATHON	E of Wausau	5-Sep-2007		KEJ
Serda tautana	ADAMS	Adams Twp.	22-Apr-2007		KEJ
Acleris forbesana	SHAWANO	Navarino SWA	26-Mar-2007		KEJ
Acleris oxycoccana	ADAMS	Quincy Bluff	13-Nov-2007		KEJ
Acleris oxycoccana	BURNETT	Crex Meadows	3-Nov-2007		KEJ
Acleris oxycoccana	DOUGLAS	Summit Twp.	29-Apr-2007		KEJ
Acleris oxycoccana	FOREST	MacArthur Pine Bog	11-Nov-2007		KEJ
Acleris oxycoccana	MARATHON	E of Wausau	5-Sep-2007		KEJ
Acleris oxycoccana	RACINE	near Burlington	15-Apr-2007		KEJ
Acleris oxycoccana	SHAWANO	Navarino SWA	3-Jan-2007		KEJ
(out and flying!)					
Acleris oxycoccana	WALWORTH	Beulah Bog	15-Apr-2007		KEJ
Acleris oxycoccana	WASHBURN	Crystal Swamp	29-Apr-2007		KEJ
Acleris celiana	DOOR	Gardner Swamp	24-Mar-2007		KEJ
Family PYRALIDAE					
Mimoschinia rufofascialis	La Crosse	La Crosse Airport Sand Prairie	5-Jul-2007	19-Jul-2007	LAF
Family GEOMETRIDAE					
Archicaris infans	SHAWANO	Navarino SWA	26-Mar-2007		KEJ
(flying erratically; late afternoon)					
Macaria truncataria	Oneida	TNT Speedway Bog	9-Jul-2007		KEJ
(late record for WI; many fresh individuals)					
Macaria truncataria	RUSK	Big Falls Twp.	29-Apr-2007		KEJ

Macaria truncataria	WASHBURN	Crystal Swamp	29-Apr-2007		KEJ
Macaria pinistrobata	Door	Baileys Harbor	13-Jul-2007		JJS
Macaria oweni	WALWORTH	Beulah Bog SNA	29-May-2007	24-Jun-2007	LAF
Digrammia eremita	LA CROSSE	La Crosse Airport Sand Prairie	8-May-2007	5-Jul-2007	LAF
Digrammia denticulata	LA CROSSE	La Crosse Airport Sand Prairie	8-May-2007	22-Aug-2007	LAF
Digrammia ocellinata	LA CROSSE	Woods E of La Crosse Airport	8-May-2007	21-May-2007	LAF
Lycia ursaria	COLUMBIA	Pardeeville	29-Mar-2007	(rather early date)	KEJ
Paleacrita inerricata	COLUMBIA	Jennings Creek SWA	26-Mar-2007		LAF
Paleacrita merricata	Waushara	White River SFA	29-Mar-2007		KEJ
Apodrepanulatrix liberaria	LA CROSSE	La Crosse Airport Sand Prairie	5-Sep-2007	20-Sep-2007	LAF
Erastris coloraria	LA CROSSE	La Crosse Airport Sand Prairie	20-Jun-2007	5-Jul-2007	LAF
Hethemia pistasciaris	WALWORTH	Beulah Bog SNA	29-May-2007		LAF
Mesotheta incertata	WALWORTH	Beulah Bog SNA	29-May-2007		LAF
Cyclophora nanaria	DANE	Mazomanie Wildlife Area	16-Oct-2007		LAF
Epirrita autumnata henshawii	Richland	Gotham	16-Oct-2007	21-Oct-2007	LAF
Operophtera bruceata	BURNETT	Crex Meadows	3-Nov-2007	4-Nov-2007	KEJ
Operophtera bruceata	FLORENCE	Jaquet Lake area	10-Nov-2007		KEJ
Operophtera bruceata	FOREST	Popple River	10-Nov-2007	(out & flying; hard frost on ground)	KEJ
Eupithecia ammonata	LA CROSSE	La Crosse Airport Sand Prairie	5-Jun-2007		LAF
Family EPIPLEMIDAE				(second state record, det. G. J. Balogh)	
Callezta amorata	TAYLOR	Medford	24-Aug-2007		JFR
Family LASIOCAMPIDAE					
Tolyte laricis	WALWORTH	Beulah Bog SNA	23-Sep-2007		LAF
Family SATURNIIDAE					
Anisota senatoria	LA CROSSE	La Crosse Airport Sand Prairie	19-Jul-2007		LAF
Family SPHINGIDAE					
Ceratonia catalpae	LA CROSSE	Coulee Experimental Forest	20-Sep-2007		LAF
Sphinx gordius	Walworth	Beulah Bog SNA	29-May-2007	24-Jun-2007	LAF
Eumorpha achemon	LA CROSSE	La Crosse Airport Sand Prairie	22-Aug-2007		LAF
Eumorpha labruscae	DOOR	Newport S.P. Europe Bay Beach	2-Oct-2007		PR
		(found alive laying on beach, second state record; sole previous record from Milwaukee in 1938)			
Family ARCTIIDAE					
Holomelina lamae	Ashland	Glidden Bog	30-Jun-2007		LAF
Holomelina lamae	BAYFIELD	Bog NW of Dells Lake	30-Jun-2007		LAF
Holomelina lamae	VILAS	Eagle River area	9-Jul-2007		KEJ
Grammia phyllira	LA CROSSE	La Crosse Airport Sand Prairie	21-May-2007	20-Sep-2007	LAF
Grammia oithona	LA CROSSE	La Crosse Airport Sand Prairie	20-Jun-2007	20-Sep-2007	LAF
Cynia inopinatus	LA CROSSE	La Crosse Airport Sand Prairie	21-May-2007	22-Aug-2007	LAF
Family NOCTUIDAE					
Macrochilo oriciferalis	Door	Baileys Harbor	18-Jul-2007		JJS
Tetanolita mynesalis	SAUK	Bakkens Pond Wildlife Area	21-Oct-2007		LAF
Tetanolita floridana	Green	Albany	23-Sep-2007		LAF
Tetanolita floridana	ROCK	Avon	23-Sep-2007		LAF
Palthis asopialis	WALWORTH	Beulah Woods	23-Sep-2007		LAF
Colobochyla interpuncta	Kenosha	Kenosha Dunes SNA	14-Jun-2007		LAF
Hyperodes palustris	WALWORTH	Beulah Bog SNA	24-Jun-2007	14-Jul-2007	LAF
Tathorhynchus exsiccatus	LA CROSSE	La Crosse Airport Sand Prairie	20-Sep-2007		LAF
Phytometra ernestinana	LA CROSSE	La Crosse Airport Sand Prairie	8-May-2007	8-May-2007	LAF
Ledaea perditalis	LA CROSSE	La Crosse Airport Sand Prairie	8-May-2007	21-May-2007	LAF
Anomis erosa	LA CROSSE	La Crosse Airport Sand Prairie	20-Sep-2007		LAF
Anomis erosa	RICHLAND	Gotham	21-Oct-2007		LAF
Anomis erosa	ROCK	Avon	23-Sep-2007		LAF
Anomis erosa	SAUK	Bakkens Pond Wildlife Area	21-Oct-2007		LAF
Anticarsia gemmatilis	DOUGLAS	Wisconsin Point	4-Oct-2007		LAF
Anticarsia gemmatilis	IOWA	Avoca	16-Oct-2007		LAF
Anticarsia gemmatilis	RICHLAND	Gotham	16-Oct-2007		LAF
Anticarsia gemmatilis	TAYLOR	Medford	5-Oct-2007		JFR
Lesmone detrahens	LA CROSSE	La Crosse Airport Sand Prairie	19-Jul-2007		LAF
Caenurgis chloropha	LA CROSSE	La Crosse Airport Sand Prairie	20-Sep-2007		LAF
Mocis latipes	ROCK	Avon	23-Sep-2007		LAF
Mocis texana	DANE	Mazomanie Wildlife Area	16-Oct-2007		LAF
Mocis texana	GREEN	Albany	20-Oct-2007		LAF
Mocis texana	LA CROSSE	La Crosse Airport Sand Prairie	4-Sep-2007		LAF
Catocala nuptialis	LA CROSSE	La Crosse Airport Sand Prairie	6-Aug-2007	22-Aug-2007	LAF
Catocala amestris	La Crosse	La Crosse Airport Sand Prairie	19-Jul-2007		LAF

STATE RECORD

Catocala connubialis	LA CROSSE	La Crosse Airport Sand Prairie	19-Jul-2007		LAF
Syngrapha cryptica	WALWORTH	Beulah Bog SNA	29-May-2007		LAF
Thioptera nigrofimbria	LA CROSSE	Coulee Experimental Forest	20-Sep-2007		LAF
Amyna octo	DOUGLAS	Wisconsin Point Rd.	4-Oct-2007		LAF
Acronicta betulae	LA CROSSE	La Crosse Airport Sand Prairie	19-Jul-2007		LAF
Psychomorpha epimenis	WALWORTH	vicinity of Lulu Lake	7-May-2007		JAE
Apamea unanimitis	LA CROSSE	La Crosse Airport Sand Prairie	5-Jun-2007		LAF
Apamea ophiogramma	LA CROSSE	La Crosse Airport Sand Prairie	5-Jul-2007		LAF
Apamea burgessi	LA CROSSE	La Crosse Airport Sand Prairie	4-Sep-2007	20-Sep-2007	LAF
Lemmeria digitalis	Walworth	Beulah Bog SNA	23-Sep-2007		LAF
Selicanis cinereola	LA CROSSE	La Crosse Airport Sand Prairie	3-Oct-2007		LAF
Papaipema cerina	LA CROSSE	Coulee Experimental Forest	20-Sep-2007		LAF
Papaipema cataphracta	LA CROSSE	Coulee Experimental Forest	20-Sep-2007		LAF
Papaipema lysimachiae	Door	Baileys Harbor	3-Sep-2007		JJS
Papaipema baptisiae	DOUGLAS	Wisconsin Point	4-Oct-2007		LAF
Papaipema appassionata	WALWORTH	Beulah Bog	7-Sep-2007		KEJ
Papaipema necopina	DOUGLAS	Wisconsin Point	4-Oct-2007		LAF
Fagitana littera	WALWORTH	Beulah Bog SNA	29-May-2007		LAF
Magusa orbifera	LA CROSSE	La Crosse Airport Sand Prairie	22-Aug-2007		LAF
Caradrina extima	LA CROSSE	La Crosse Airport Sand Prairie	5-Jun-2007		LAF
Condica sutor	DOUGLAS	Wisconsin Point Rd.	4-Oct-2007		LAF
Xylena curvimacla	SHAWANO	Navarino SWA	26-Mar-2007		KEJ
Homoglaea hircina	SHAWANO	Navarino SWA	26-Mar-2007		KEJ
Lithophane bethunei	BROWN	East River Trail	25-Mar-2007		KEJ
Lithophane fagina	SHAWANO	Navarino SWA	26-Mar-2007		KEJ
Eupsilia devia	DOOR	Gardner Swamp	24-Mar-2007		KEJ
Eupsilia devia	LA CROSSE	Coulee Experimental Forest	3-Oct-2007		LAF
Epiglaea apiata	WALWORTH	Beulah Bog SNA	23-Sep-2007		LAF
Psaphida styracis	WAUSHARA	White River SFA	29-Mar-2007		KEJ
Homohadena badistriga	DOOR	Baileys Harbor	3-Jul-2007		JJS
Homohadena badistriga	LA CROSSE	La Crosse Airport Sand Prairie	5-Jul-2007		LAF
Calophasia lunula	Door	Baileys Harbor	14-May-2007		JJS
Hadena capsularis	LA CROSSE	La Crosse Airport Sand Prairie	21-May-2007	20-Jun-2007	LAF
Coranarta luteola	WASHBURN	Crystal Swamp	29-Apr-2007		KEJ
Faronta rubripennis	LA CROSSE	La Crosse Airport Sand Prairie	6-Aug-2007	22-Aug-2007	LAF
Orthosia revicta	Door	Baileys Harbor	20-Apr-2007		JJS
Orthosia segregata	BROWN	Red Banks Alvar SNA	21-Apr-2007		LAF
Orthosia segregata	Door	Baileys Harbor	2-May-2007		JJS
Feltia manifesta	LA CROSSE	La Crosse Airport Sand Prairie	8-May-2007	STATE RECORD	LAF
Eucoptocnemis fimbriaris	LA CROSSE	La Crosse Airport Sand Prairie	12-Sep-2007	20-Sep-2007	LAF
Euxoa medialis	GREEN	Albany	23-Sep-2007		LAF
Euxoa nivellinea	LA CROSSE	La Crosse Airport Sand Prairie	20-Sep-2007		LAF
Striacosta albicosta	DOUGLAS	Wisconsin Point	4-Oct-2007		LAF
Striacosta albicosta	GREEN	Albany Wildlife Area	20-Oct-2007		LAF
Striacosta albicosta	IOWA	Avoca	16-Oct-2007	21-Oct-2007	LAF
Striacosta albicosta	LA CROSSE	La Crosse Airport Sand Prairie	3-Oct-2007		LAF
Striacosta albicosta	MARQUETTE	Westfield	18-Oct-2007		LAF
Striacosta albicosta	RICHLAND	Gotham	21-Oct-2007		LAF
Striacosta albicosta	Rock	Magnolia Bluff County Park	20-Oct-2007		LAF
Striacosta albicosta	SAUK	Bakkens Pond Wildlife Area	21-Oct-2007		LAF
Xestia youngii	WALWORTH	Beulah Bog	7-Sep-2007		KEJ
Hempachnobia monochromatea	WALWORTH	Beulah Bog SNA	29-May-2007	9-Jun-2007	LAF
Ufeus plicatus	Dane	Madison (Rocheleau Residence)	25-Jan-2007	25-Jan-2007	TR
Ufeus plicatus	DOUGLAS	Wisconsin Point	4-Oct-2007	(specimen found alive inside house)	LAF
Pyrrhia adela	Green	Albany	23-Sep-2007	(2 specimens at UV in woods along L. Superior shore)	LAF
Pyrrhia adela	LA CROSSE	La Crosse Airport Sand Prairie	21-May-2007		LAF
Heliothis subflexus	LA CROSSE	Kenosha Dunes SNA	14-Jun-2007		LAF
Heliothis subflexus	LA CROSSE	La Crosse Airport Sand Prairie	20-Jun-2007		LAF
Heliothis phloxiphagus	LA CROSSE	La Crosse Airport Sand Prairie	8-May-2007	20-Jun-2007	LAF
Heliothis acesias	LA CROSSE	La Crosse Airport Sand Prairie	6-Aug-2007	19-Jul-2007	LAF
Schinia indiana	Burnett	Crex Meadows, Fish Lake WA	27-May-2007	8-Jun-2007	SAS
Schinia obscurata	LA CROSSE	La Crosse Airport Sand Prairie	20-Jun-2007	20-Sep-2007	LAF
Schinia sanguinea	LA CROSSE	La Crosse Airport Sand Prairie	6-Aug-2007	STATE RECORD	LAF
Schinia lucens	LA CROSSE	Holland Sand Prairie	1-Jul-2007		SAS
Schinia nundina	LA CROSSE	La Crosse Airport Sand Prairie	6-Aug-2007	22-Aug-2007	LAF
Schinia tertia	LA CROSSE	La Crosse Airport Sand Prairie	20-Sep-2007		LAF

Wisconsin Entomological Society



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tomatoes, pears, raspberries, and beans. Many southern species, like this one, are making a regular appearance in Wisconsin. The summer droughts have caused an increase of many wood boring beetles. Oak, hickory, and pines are showing a lot of dieback as beetles take advantage of the drought stressed trees. Not all parts of the state had a wet August, and September and October were very dry so I am not sure we will not continue to see problems.

I would like to thank Andrew Williams for his leadership as president of WES. Andrew's great passion and enthusiasm for the natural history and ecology of insects is unmatched. He is the type of person who deserves to have a prairie named after him. Thanks again, Andrew. 🌿

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along with Les Ferge for the last leg of its journey—to a collection for permanent record.

The Gaudy Sphinx is a known wanderer. Records show its northern presence in the Canadian Provinces of Saskatchewan and Manitoba. The Gaudy's travel south extends his range to Buenos Aires, Argentina. This Central American insect is truly a gem in the world of moths. One can never anticipate the outcome of a day in the natural world, so keep your senses sharp; discoveries are made everyday regardless of weather conditions. See my photographs of this moth at: <http://bugguide.net/node/view/150477/bgimage> 🌿

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