

Kentucky Lepidopterist

Newsletter of the Society of Kentucky Lepidopterists
Volume 31 Number 1 15 June 2005

THE SOCIETY OF KENTUCKY LEPIDOPTERISTS

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Jeff Marcus 2007
Gerald Burnett 2006
* term expires

The Society of Kentucky Lepidopterists

is open to anyone with an interest in the
Lepidoptera of the State of Kentucky.
Membership dues are annual: \$12.00.
Dues sent to the Treasurer: Les Ferge,
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53562

SUMMER FIELD MEETING TO ROWAN COUNTY JULY 8, 9 & 10

The summer field meeting will be held in Rowan County and hosted by Al Smith. The meeting will begin with moth collecting on Friday night, 8 July. We will meet at 6:00PM in the parking lot of the Ramada Inn at Exit 137 of I-64. Al Smith will lead the group to Clack Mountain area to set out traps and set-up lights for moths. Clack Mountain has a number of ridges that are sheltered from view and provide excellent locations to set up lights and collect moths.

On Saturday morning we will again meet at 9AM in the parking lot of the Ramada Inn. Al Smith and Loran Gibson will lead us into the Daniel Boone National Forest. There are a number of habitats along the forest service roads from dense forest to remnant prairie. Providing the road edges are not mowed, milk weed should be plentiful. We can set out light traps in this area on Saturday night.

Al Smith will host a cook out at his home on Saturday night (See directions below). If you plan to attend the meeting and the cookout, please contact Al Smith at 606-784-7342 by 6 July 2005

This is our first field meeting in the Rowan County area. This is the flight period for Speyeria diana and Erora laeta. And, who knows what we may find in the remnant prairies.

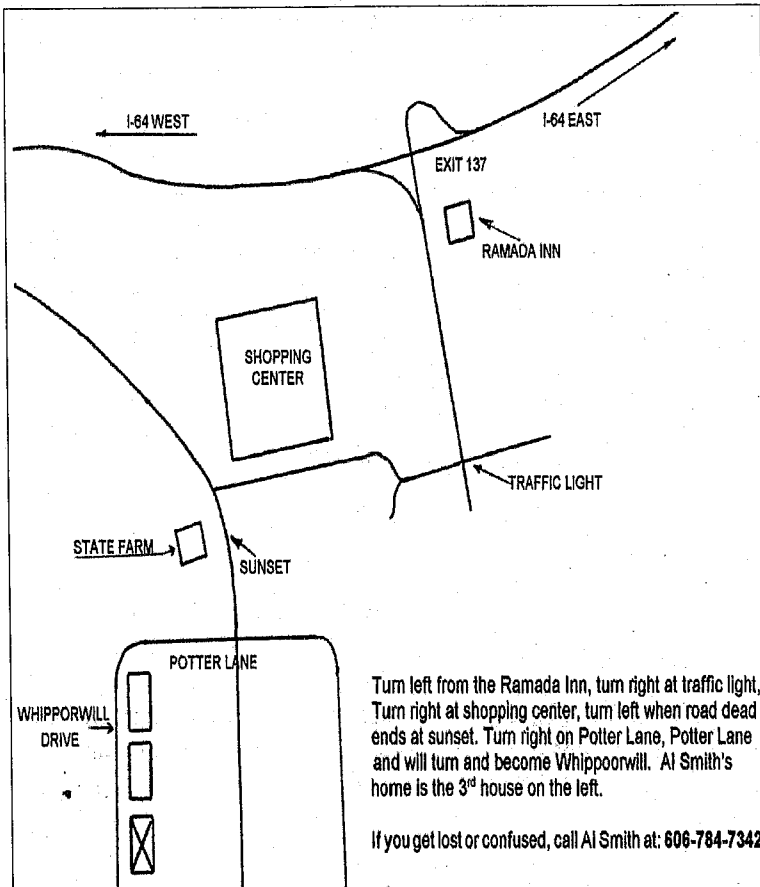
Accommodations: We suggest that those attending the meeting use the Ramada Inn at Exit 137 on I-64. There are 5 rooms reserved at a rate of \$45.00 plus tax per night, single or double. When making reservations, you must call the Ramada Inn directly at: 606-784-7591, tell them you are with the Kentucky Lepidopterists Society and request the rooms reserved by "Dr. Smith for the meeting at the St. Claire Hospital Room Rate. Make your reservations early.

This will be another great meeting, plan now to attend.

DIRECTIONS TO THE RAMADA INN AND THE HOME OF AL SMITH.

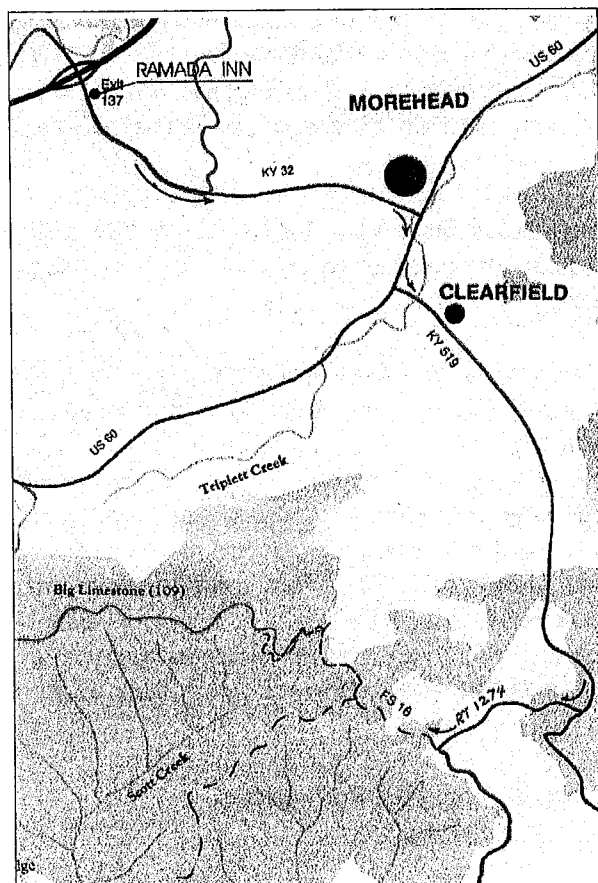
Travel I-64 to Exit 137. From Lexington turn right and from Huntington turn left on Route #32. The Ramada Inn is on the south east side of I-64.

From the Ramada Inn, turn right onto Rt 32 to the next stop light (There will be a US Bank and the Northcutt Funeral Home at the intersection), turn right towards the Walmart. Once past the Walmart on the left, turn left behind the Walmart and at the first stop sign, turn right onto Potter Lane to Whippoorwill Drive. It is the third house on the left, 531 Whippoorwill Drive. If you get lost phone, or at least think you are lost, phone 606-784-7342.



DIRECTIONS TO CLACK MOUNTAIN AND SR-16

From Ramada Inn, turn left on Rt 32 (south) for 2.6 miles to Jct of Route 60 and turn right. About 0.5 Mi. at traffic light jct of 519. Turn left on 519 (about 3.6 mi.) to jct of 1274. This is at top of hill and sign obscured by hillside so stay to the right and turn right onto 1274. After about 1.5 miles the entrance to SR-16 will be seen on the right. This is a dirt road and the sign can't be seen until you make a hard right turn onto the road. I will put up a Society of Lepidopterists sign in the area to point the way. This will be the main area for light traps and collecting activities on Saturday.



SPRING FIELD MEETING REPORT

The spring field meeting in Hart County began on Friday, April 15 when 12 members of the Society and 16 guest converged on the Cave Research Foundation (CRF) in the late afternoon and early evening. The weather was sunny and warm and many spring species were found by those how arrived early. The following members were present Ian, Craig, and Kevin Segebarth, Jack Dempwolf, Loran Gibson, Richard Henderson, Tony Merkle, Charles Wright, Leroy Koehn, Todd Wiley, and Jeff Marcus. There were a number of guest and students from Western Kentucky University who joined us for dinner and observed the collecting of moths from UV light set ups. The quest included: Crystal Wade, Ryan Hennig Tia and Alyssa Hughes, Sarah House, Travis Evans, Victoria Ariazi, Kinchel, Mina, and Linnea Doerner, Brooke Polen, Amber Harper, Amanda Maupin, Mark Depoy, Rick Olson, Kurt Helf, and Erin Lundsford. All present enjoyed a fabulous dinner at the CRF prepared in large part by Jeff's wife, Joanne Seiff. Three black light traps were set out for the night. Loran Gibson and Leroy Koehn set up their lights on the Cave Research Foundation property.

Over 78 species of moths were collected or observed at Loran and Leroy's lights on Friday night and an additional 19 species were collected in one of Leroy's light traps.

Jeff Marcus had obtained a collecting permit for the Mammoth Cave National Park. On Saturday morning we split into two groups to collect several pre-determined locations in the park. In the Mammoth Dome Sink area several Euchloe olympia (Fig.# 2) were found. However, Incisalia augustinus (Fig.#1) was found at Indian Hill near Brownsville. Records for this species are from the eastern third of the state and the discovery of this population is a western range extension. Other species of interest included Parrhasius m-album and Incisalia nippon.

Leroy Koehn and Richard Henderson became separated from the group and when they could not locate the others, they journeyed to the Upper Green River Biological Preserve North. They found Euchloe olympia, Pieris virginensis, Feniseca tarquinius, Incisalia nippon, Mitoura gryneus, Hesperia metea and Amblyscirtes hegon.

Numerous light traps were set out in both Mammoth Cave National Park and the Upper Green River Biological Preserve North. Leroy setup his lights along the Flint Ridge Road in Eaton Valley. It was a great night of moths, stories and fellowship around the sheet.

Sunday Morning, light traps were collected and sorted. Leroy Koehn, the Segebarths and Todd Wiley returned to the Upper Green River Biological Preserve North. Incisalia henrici and Mitoura gryneus were found in some numbers. Additional specimens of Euchloe olympia were also found. Todd Wiley and the Segebarths had a special treat as they found the Blue Hole (See Fig.# 3). By 4PM most of us began our journey home.

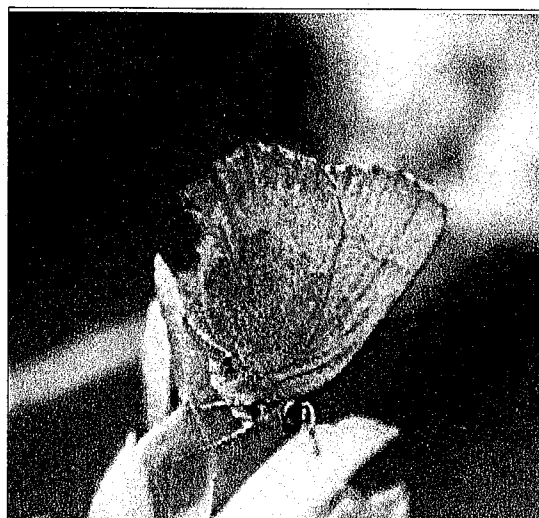


Fig. # 1

Incisalia augustinus
Mammoth Cave National Park



Fig.# 2

Euchloe olympia
Mammoth Cave National Park

LIST OF SPECIES RECORDED DURING THE MEETING

SPECIES	MCNP	UGRBPN	SPECIES	MCNP	UGRBPN
Erynnis juvenalis	X	X	Vanessa virginiensis	X	X
Hesperia metea	X		Anaea andria		X
Amblyscirtes hegon		X	Phyciodes tharos		X
Amblyscirtes vialis		X	Cyllopsis gemma	X	X
Battus philenor	X	X	Hermeuptychia sosybius		X
Pterourus glaucus	X	X	Feniseca tarquinius		X
Eurytides marcellus	X	X	Insicalia henrici		X
Pieris rapae		X	Incisalia niphon		X
Pieris virginiensis	X	X	Incisalia augustus	X	
Euchloe olympia	X	X	Mitoura gryneus		X
Colias philodice	X		Parrhasius m-album	X	X
Anthocharis midea	X	X	Strymon melinus		X
Polygonia comma	X	X	Celastrina ladon	X	X

MCNP = Mammoth Cave National Park

UGRBPN = Upper Green River Biological Preserve North

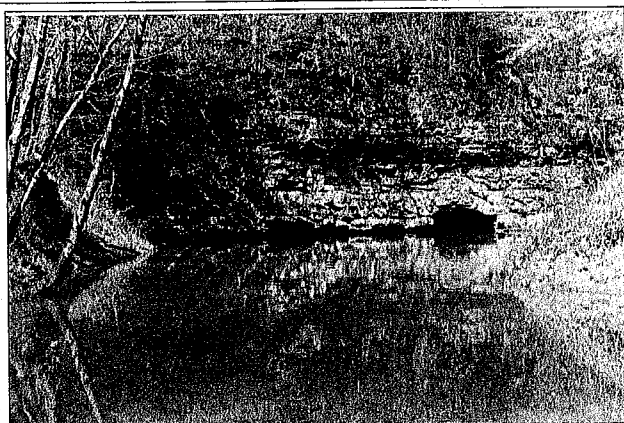


Fig. # 2
The Blue Hole
Upper Green River Biological Preserve North



Sorting Moths on Sunday morning at the Cave Research Foundation facility

Thanks to everyone who contributed to a great field meeting, including Pat Kambesis and the Cave Research Foundation, the Upper Green River Biological Preserve, the Department of Biology of Western Kentucky University, and especially Jeff Marcus and his delightful wife, Joanne Seiff.

It was a great meeting. The weather was sunny and warm, although the nights were cooler than anticipated, and the butterflies and moths were out in numbers, the fellowship was great, along with some excellent food and a fabulous time in the field.

We look forward to seeing you in Rowan County!



Meeting Attendees

FALL FIELD MEETING TO WESTERN KENTUCKY

A late summer field meeting is planned for the weekend of September 9,10, & 11. The fall field meeting to western Kentucky has become an annual tradition. Hosted by Bill Black, we will visit some of our favorite spots to search for Atildes halesus, Poanes yehl, Euphyes dion, Poanes viator, and Euphyes dukesi. We will also visit a site in Calloway County, fondly known as "Blood River". We found Euphyes yehl, Atildes halesus and the flower moth Schima nundina during the 2003 fall field meeting. Mark your calendar and plan on joining us in Paducah in September.

There will be a complete meeting announcement in the next newsletter.

ANNUAL MEETING NOVEMBER 4 & 5 IN LEXINGTON

The 2005 Annual Meeting of the Society of Kentucky Lepidopterists is tentatively planned 4 & 5 November 2005 at the Entomology Department of the University of Kentucky in Lexington, Kentucky. Dr. Michael Sharkey will once again host the two day event.

Plan now to attend.

ANNUAL JULY 4TH BUTTERFLY COUNT WITH DR. CHARLES COVELL, JR.

The annual July 4th Butterfly Count at the Horner Wildlife Refuge, Brownsboro, Oldham County, on Saturday July 2. We meet as usual: 9:30 AM at the "General Store" restaurant in Brownsboro. This is 1 mile from Exit 14 on I-71. Count begins at 10AM and ends at 3 PM. Bring protective clothing, DEET, and lunch. If rainy, check with, Charlie Covell, at 502-893-1324 (at Charlie's sister's home in Louisville). If rained out, we will use the same time on next day, July 3.

DR. PAUL WARING'S SUMMER VISIT TO KENTUCKY AND RECORDS OF CATACOLA ATACOLA (BROU) COLLECTED IN WESTERN. KENTUCKY BY WILLIAM BLACK, JR.

In 2003, Dr. Charlie Covell had been hosted in England by the well-known professional Lepidopterist, Dr. Paul Waring. Dr. Covell in turn invited his host to come to Kentucky to visit and collect. Unfortunate timing of good events caused Paul's arrival here to be a few weeks after Charlie had moved to the McGuire Center for the Study of Lepidoptera in Gainesville, FL. Charlie asked several Kentucky Lepidopterists to host Paul and guide him to some of our best haunts.

Richard Henderson took Paul directly from the Louisville air terminal to Bernheim Forest, and didn't let him out for three days. Paul loved it. They collected about 15 species of Catacola, the American genus Paul had targeted for his trip. Then he headed west to Paducah.

Paul had a burning interest in absolutely everything! American history, culture, wild animals, catfish, Kentucky story telling, and Elvis. Bill and Nancy Black, the Segebarths - Kevin, Eileen, Ian, Craig, and Annie jostled Paul through the Jackson Purchase. Sam Burrage of the NBC affiliate, Channel 6 TV, did a special report on Paul and the Segebarths in the feral neighborhoods of Littleville, now known as Lincoln Woods.

Paul continuously recorded scenes, both still and in motion on his CD camera, and interviewed interesting Kentuckians. Paul got to see live catfish for the first time, as the Ledbetter Fish Market restocked its holding tanks with the morning's catch. The commercial fishermen invited Paul to go out on the Ohio River the next morning in their boat, to haul in catfish caught during the night.

Bill had scouted possible new collecting sites in the Spring, along the Mississippi River. Bill, Kevin, Craig, and Ian Segebarth took Paul along these bluff tops, setting six UV light traps on 4 Aug 04. Collecting these traps the next morning revealed six interesting Catacolas between the two traps bracketing Columbus, in the NW corner of Hickman County.

In the natural, resting (and dead) "triangle" position, notable round, bleached-like spot stands out in varying prominence. Once mounted, the white "spot" is bisected and the two halves are separated from each other. The "spot" then loses some definition and prominence. The species could not be found in Covell's, Field Guide to the Eastern Moths, which was exciting. The Segebarths searched the internet and determined it to be Catocala atacola Brou (See fig.#1). These seemed to be a new state record for Kentucky. Paul took one specimen home to England, and a pair was given to the Kentucky collection at the November meeting.

Telephone descriptions of these Catocala atacola specimens reminded Leroy Koehn of an unusual Catocala "with white forewings" which he had collected in Paducah, McCracken County, KY at the Streetmans' site on Massac Creek, on 8 Sept. 2001. (See the Kentucky Lepidopterist Vol.28 No. 1)

Several of us remember Leroy catching it, and later bringing the mounted specimen to the 2001 November meeting. He brought his specimen again to compare to the new Hickman County specimens in November 2004. His matched. (Fig.#2) Eureka! We have now documented a state record for Leroy; and have recorded the existence of Catocala atacola in one site in Paducah, McCracken County, and in two sites at Columbus, Hickman County, all in the Jackson Purchase of Western Kentucky. Leroy also had two specimens that he had collected in Mississippi in 1996. Although much darker in appearance, they too were a match.

FINAL DUES NOTICE FOR 2005

Dues for calendar year 2005 are now payable. A remittance envelope was included with the previous newsletter for your convenience. The year your dues are paid through is indicated after your name on the address label of this newsletter. Prompt payment is greatly appreciated and will insure that your newsletters will continue uninterrupted. The Society cannot afford to carry non-paying members as long as we have in the past; therefore members not paid by July 15, 2005 will be dropped. The Society needs your support. We

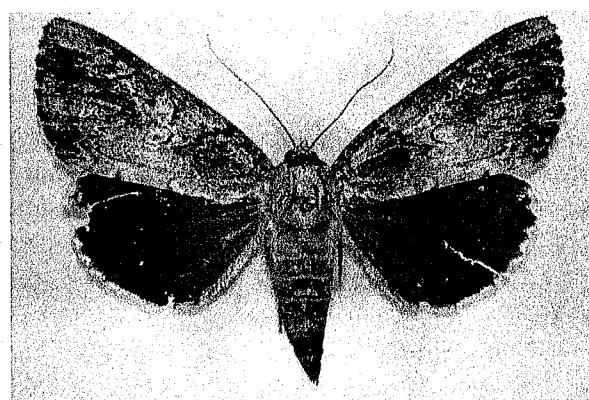


Fig.# 1 Catocala atacola ♂ Hickman County, KY
4 August 2004

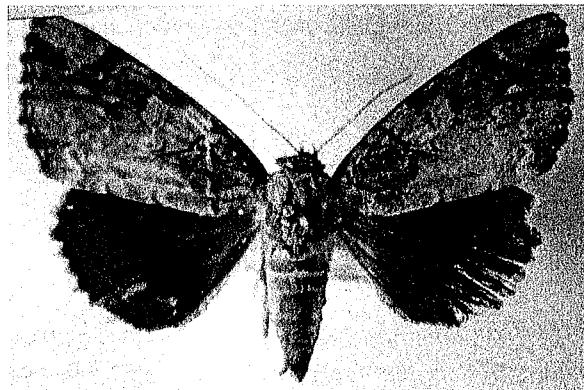


Fig.# 2 Catocala atacola ♂ McCracken County, KY
8 September 2002

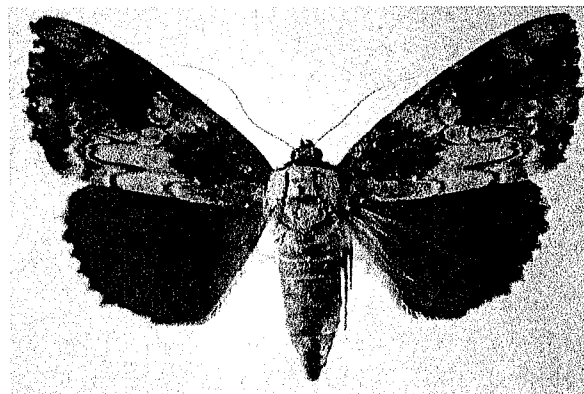


Fig. 3 Catocala atacola ♀ Bolivar County, MS
20 July 1996

NEWSLETTER UP DATE

Your Editor is late with this newsletter. Life gets busy and I got into a hole that may take me months to get out of.

We had a great meeting at the Cave Research Foundation in April. Jeff Marcus obtained a permit to collect in Mammoth Cave National Park. Although there are restriction on the specimens that we collected, the information that we provided to the park was worth the effort. In return, the National Park Service paid expenses to the members of the Society who participated. The members then decided to contribute the expense money to the Society, a total of \$864.00. In a conversation with Bill Black, the Nature Conservancy has acquired some property in Livingston County and they have suggested to Bill that they would like the Society to conduct a BioBlitz, and that there would be some funds available for expenses. These are opportunities to get into the field and support the Society. There will be more on this subject in the next newsletter.

This is your newsletter. Do you have a collecting story to tell or an article that you could write? The newsletter has room for whatever you can contribute. Have you been in the field and found something interest. Let us hear from you.

Your Editor is responsible for some of the photographs that have appeared in the newsletters. However, I have not acknowledged those who provide the majority of the photographs. Kevin, Craig and Ian Segebarth provided the photograph of Incisalia augustinus, Mitorua grynius, Feniseca tarquinius and the Blue Hole. Jeff Marcus was behind the camera of Euchloe olypima. There have been many others who have contributed photographs. They include Bill Black, David Roemer, Ellis Laudermilk, James Taylor and Dr. Charles Covell. If I failed to mention someone's name, please let me know. Your Editor will acknowledge all photographs.

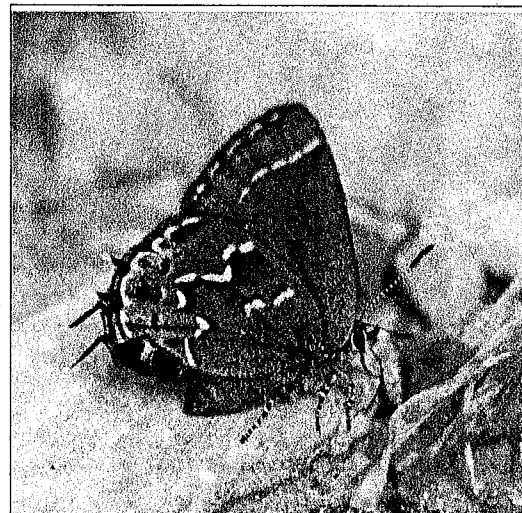
PAPAIPEMA SEARCH

A state wide Papaipema Search will be held October 13, 14, 15 & 16, 2005 throughout the State. Bill Black and Leroy Koehn will coordinate all of those who want to participate. Areas will be selected based on habitat and host plants for Papaipema moths.

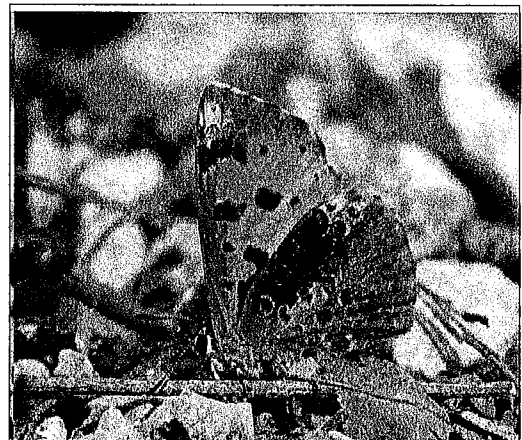
We encourage anyone with a light trap to participate. We would like to have teams of two. Areas/locations will be assigned, or you can select your own. If you cannot join us for the entire event, you may joins use for any part you can. We want to record as many species as we can. There are many areas in the state that have been poorly collected. Many counties have no records of any Papaipema moths. We will end the Search in Paducah on Saturday as we search for the Cane Feeders, one of Bill Blacks Favorites.

We encourage you to join us. If you do not have a light trap and would like to participate. We will team you up with someone that does. Plan now to join us on what is sure to be an adventure!

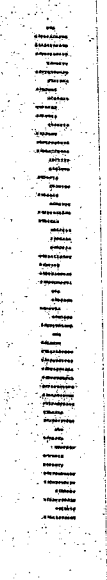
There will be a complete announcement in the next newsletter.



Mitoura gryneus
Upper Green River Biological Preserve



Feniseca tarquinius
Upper Green River Biological Preserve



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