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# Southern Lepidopterists' **NEWS**

*Official Newsletter of the Southern Lepidopterists' Society*

VOL: 18 NO. 4

DECEMBER 31, 1996

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THE OFFICIAL PUBLICATION OF THE SOUTHERN LEPIDOPTERISTS' SOCIETY ORGANIZED TO PROMOTE  
SCIENTIFIC INTEREST AND KNOWLEDGE RELATED TO UNDERSTANDING THE LEPIDOPTERA FAUNA OF THE  
SOUTHERN REGION OF THE UNITED STATES

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CHAIRMAN: JOHN V. CALHOUN

SECRETARY-TREASURER: JEFFREY R. SLOTTEN

EDITOR: LEROY C. KOEHN

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## **REPORT ON THE 1996 ANNUAL MEETING**

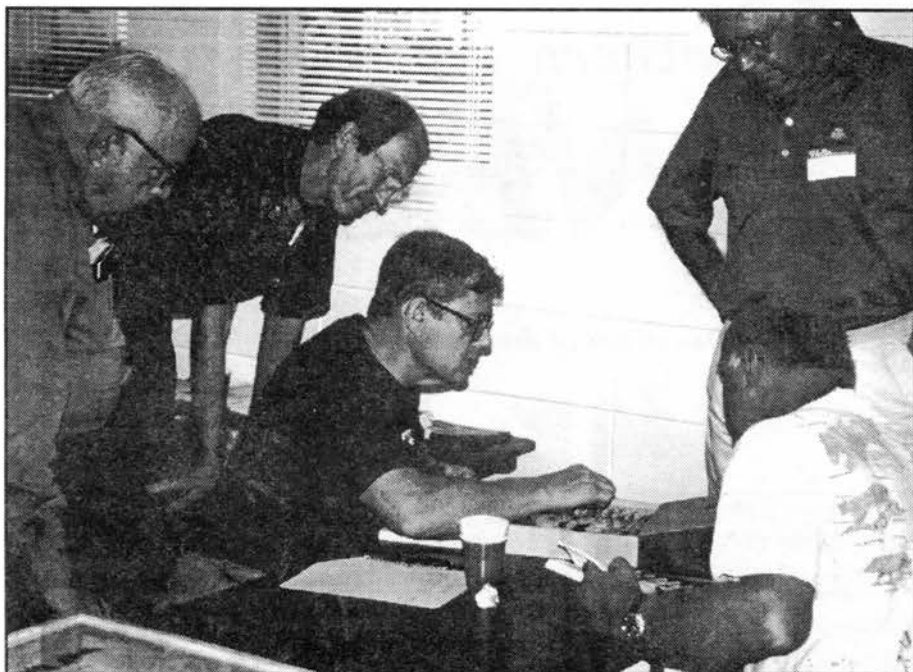
**BILL RUSSELL, SECRETARY**

The 18th Annual Meeting of the Southern Lepidopterists' Society was held on 7 and 8 September 1996 at the Gulf Coast Research Laboratory in Ocean Springs, Mississippi. The meeting was dedicated to Bryant Mather who, since 1946, has done much to advance our knowledge of the Lepidoptera of Mississippi. Arrivals began on Friday afternoon and an executive meeting was held by the officers that evening. Twenty-two members were present. From Florida: Richard "Andy" Anderson, Laurel Breton, John Calhoun, Jeffrey Sloten. From Georgia: Irving Finkelstein, William "Bill" Russel and James Taylor. From Kentucky: Dr. Charles V. Covell, Jr. From Louisiana: Vernon Brou, Dorothea Dell, Dorothea Munchow, Arthur Weldon, and Francis Weldon. From Mississippi: Doug Berlin, Richard Brown, Drew Hildebrandt, Leroy C. Koehn, Bryant Mather, Ricky Patterson, and Maria Plonczynski. were present for the Saturday meetings and presentations. Richard L. Brown was thanked for making the arrangements for the meeting, lodging, and fine coastal weather at the Gulf Coast Research Laboratory. The efforts of Leroy C. Koehn and Jeffrey R. Sloten in developing and planning the meeting were also appreciated.

The general meeting was initiated on Saturday morning with welcoming remarks by Chairman John Calhoun and Leroy Koehn. This was followed by a presentation by John Calhoun entitled, "Surveying the butterfly fauna of the Florida Panhandle." Interesting habitats in the Florida 'panhandle' were illustrated with slides and a description of their flora and fauna. In particular, John discussed his efforts in this interesting transition area to locate colonies of species commonly occurring in similar habitats further north. The featured speaker, Charles V. Covell, described "The Adventures of a Kentucky Lepidopterist" with a slide presentation of his lifelong study of the Lepidoptera. He described his adventures from boyhood, the far corners of the world, the research and teaching at the University of Louisville, and development of the Society of Kentucky Lepidopterists'. In addition to his excellent presentation, his many contributions to the study and enjoyment of the Lepidoptera by amateurs and professionals are appreciated. Leroy C. Koehn presented "Trapping for Lepidoptera: more from an expert" where he described the ingenious development of his light and bait traps with the experience gained over the years in their development. He particularly relished sharing his menu of recipes for baits where he creatively combines ingredients attractive to Lepidoptera and repulsive to humans (Note: don't try these recipes in your kitchen at home!).

A business meeting was held during the Saturday afternoon session. Numerous revisions to the Constitution of the Southern Lepidopterists' Society were proposed. The revisions included adding Arkansas to the list of states; defining the officers, board of directors, and state coordinators and their terms and responsibilities; and the procedure for selecting the recipient of the John Abbott Award. With no objection to these revisions, they were accepted by a voice vote. Jim Taylor, Chairman of the Nominating Committee, presented the slate for the election of the officers. With a voice vote the following officers were unanimously elected for annual terms beginning January 1, 1997: Chairman: John Calhoun; Treasurer: Jeff Sloten; Secretary: Bill Russell; Editor: Leroy Koehn; Editorial Asst.: Paul Milner; Membership Coordinator: Drew Hildebrandt; Board Member-at-Large: Marc Minno. (Cont. on Pg. 30)

**PHOTOGRAPHS FROM THE ANNUAL MEETING IN OCEAN SPRINGS, MISSISSIPPI**



(1)



(2)



(3)



(4)

(1) Charlie Covell identifies UFO's, L to R: Bryant Mather, Richard Brown, Charlie Covell, James Taylor and Dick Anderson. (2) James Taylor: Jim put forth a great effort with the nominating committee and the constitution changes. (3) Drew Hildebrandt, Charlie Covell and Leroy Koehn, These three went plodding through a salt marsh for Euphyes bayensis, they failed to find any, the reason for the smiles is making it out of the salt marsh with some blood remaining in there veins (salt marsh mosquitoes!!!) (4) Bryant Mather and Charlie Covell tried to get among them at the sheet. However, there was little to get among!

**MORE PHOTOGRAPHS FROM THE ANNUAL MEETING IN OCEAN SPRINGS, MISSISSIPPI**



(5)



(6)



(7)



(8)

(5) Group photograph. Leroy Koehn is behind the camera. (6) Dr. Charles (Charlie) V. Covell, Jr. in the salt marsh searching for Euphyes Bayensis prior to the meeting Friday. As hard as he tried, his best catch was his camera which he almost lost in the muck. (7) L to R: Dorothea Munchow, Frances Weldon and Dorothea Dell. (8) John Calhoun, his return contributions to the society have played a major roll in the rejuvenation of the Society.

Photographs by Leroy Koehn and Charlie Covell.



(Cont. from pg. 27)

Jim Taylor also reported that the following zone coordinators have agreed to serve for the next two years (except as noted): Alabama: OPEN; Arkansas: Mack Shotts; Florida: Tom Neal; Georgia: James Adams; Louisiana: Vernon Brou (through DEC 96); Mississippi: Bryant Mather; North Carolina: Steve Hall; South Carolina: Ron Gattelle; Tennessee: John Hyatt; Texas: Ed Knudsen; Virginia: Harry Pavulaan. It was noted that anyone willing to serve as the State Coordinator for Alabama or succeeding Vernon Brou in Louisiana should indicate their interest to John Calhoun, Chairman. Vernon Brou is to be commended for serving as the Louisiana Coordinator for many years.

James Adams agreed to host a spring field meeting in April of 1997, in northern Georgia. Ed Knudsen has agreed to host an early summer meeting field meeting in late May of 1997, in west Texas. The 1997 Annual Meeting will be in early October of 1997, in Gainesville, Florida. More information on these meetings will be provided as it becomes available.

The Society logo was used for many years on the mast head of the newsletter and since 1994 there have been two new logos, including the current one. After a brief discussion, Irving Finkelstein will form a committee and make a recommendation at the next annual meeting. Until that time, the current newsletter logo will be used.

After the completion of the business meeting, a Saturday evening banquet followed, featuring catfish and shrimp at a local restaurant, Leroy Koehn led a group of intrepid night lighters down an abandoned (for good reasons) road and bridge and set up his 'colossus'. Apparently the moths had also abandoned this road (for other good reasons). Sunday morning and early that afternoon, Charles Covell and Leroy Koehn led another field expedition to the Big Biloxi Camp which they located by a clever process of elimination (i.e. taking all the wrong roads first). An interesting diversity of butterflies was observed and a species list was compiled by Charles Covell.

It was a very good meeting, we had a great time and hope to see you at a meeting in 1997.

#### **A REPORT ON OUR NEW CONSTITUTION      JAMES TAYLOR, CHAIRMAN, CONSTITUTION REVIEW COMMITTEE**

At our annual meeting in Ocean Springs, Mississippi, this past September, a new Constitution was proposed. There were several reasons this was felt necessary. Anyone reading the last several issues of our News would notice a degree of divisiveness which seemed to worsen with each issue. Most of our membership wants an organization of people who like to get together and talk about bugs, and what had been happening was not useful. An addition to the "Policies" Article in the new Constitution clarifies some of what we were arguing about (Article X, sub F).

Additionally, our old Constitution dictated an awkward organization. The Board was to consist of the usual Officers PLUS the zone coordinators, making for a Board of (potentially) fourteen. Getting such a group together annually was a logistical nightmare. Further, a quorum was set at five - barely one third of the entire Board.

The new Constitution addressed these problems and more. It added Arkansas to our roster of states, changed the names and duties of some of our Officers and Directors, required a written ballot, and set the quorum for Board meetings to four, which is more than half the Board members. Additionally, it required that the State Coordinators be appointed by the Board (rather than Zone Coordinators being elected TO the Board).

During the discussion preceding the vote on our new Constitution, there was a good deal of discussion about whether our organization should have State Coordinators, and if so, precisely what their duties should be (the new Constitution does not delineate their duties.) There was also some debate concerning what should be reported.

The Constitution was ultimately passed, but with the proviso that someone look into the concerns expressed in the meeting. I was appointed to consider the points raised, and I have named as a committee the State Coordinators, plus Leroy Koehn and John Calhoun, to address the State Coordinator question. When we are in agreement, I shall report through the News the collective opinion reached.

Meanwhile, I have taken the Constitution as it passed and made some further modifications which are largely cosmetic. For example, as passed, the Constitution has a somewhat awkward footnote - from which, by the way, arose an argument about the difference between "established" and "founded". I incorporated this footnote into the text and eliminated "established". I have also employed a uniform numbering and lettering of the articles and paragraphs of the document. As to State Coordinator duties, I have reworded Article 5(I) to cover this. The result is a cleaner document. If the State Coordinator committee decides we should continue our reporting of sightings and records, it should need no further changing.

A copy of the Constitution is enclosed as I propose to present it to the membership for adoption at our next meeting. If anyone has comments (or spots an error), please let me know.

## FORTH COMING MEETING ANNOUNCEMENTS

(Editor's note) These are the first field meetings in several years. We encourage you to participate. Field meetings provide an excellent opportunity to meet others who share the same interests, learn field techniques and see equipment used in the field. You can make new friends and meet old ones. Please make plans to attend one of these meetings.

Are you interested in hosting a field meeting? Contact the Chairman: John Calhoun, 977 Wicks Drive, Palm Harbor, FL 34684-4656; Tele: 813-785-0715

## SPRING FIELD MEETING IN NORTH WEST GEORGIA

HOSTED BY JAMES ADAMS

A spring field meeting will be held in north west Georgia the week end of April 11 -13 and hosted by James Adams. Friday night black lighting for moths will be available. Contact James prior to arrival so that he can plan for equipment. The meeting will officially begin at 9:00AM on Saturday. We will meet at the Waffle House restaurant east of Exit 137 off I-75. Interesting butterflies to be expected during April are Pieris virginiensis, Glaucopsyche l. lygdamus, Incisalia niphon, I. henrici, Mitoura gryneus, and also possibly Atlides halesus, Parrhasius m-album, Incisalia augustus, Lyceana phlaeus americana, Feniseca tarquinius, Erora laeta, and Autochthon cellus. Of course, many other more common species can be collected as well. As for moths, a Saturday night black lighting is planned, there is always something interesting flying (feel free to call/e-mail James for more specifics). Another day in the field is planned for Sunday. Please notify James if you are planning to attend. James K. Adams, 1702 Crow Valley Rd., #1005, Dalton, GA 30720: Home Phone:(706)278-6255; e-mail: jadams @ carpet .dalton .peachnet .edu

Please feel free to arrive before the 11th of April or stay until after the 13th. Although James may not be available to lead you into the field every day, he can certainly suggest areas that may be fruitful for collecting, photography, etc.

Directions to the meeting location are rather easy. Follow I-75 to Exit 137 in Dalton. Motels and restaurants are numerous at Exit 137 and Exit 136.

## MAP OF DALTON

A list of the lodging for the Dalton Area is below:

<u>Lodging, exit 136 (Walnut Ave.):</u>	<u>One person</u>	<u>Two people</u>
Best Inns [226-1100; 1-800-237-8466]	\$48.88	\$51.88
Comfort Suites [217-6200; 1-800-221-2222]	\$70.00	\$75.00
Days Inn [278-0850; 1-800-325-2525]	\$39.00	\$47.00
Hampton Inn [226-4333; 1-800-426-7866]	\$54.00	\$66.00
Holiday Inn [278-0500; 1-800-465-4329]	\$65.00	\$60.00
<u>Exit 137 (Hwys 41 and 76):</u>		
Best Western [226-5022; 1-800-528-1234]	\$39.00	\$44.00
Country Hearth Inn [278-4300]	\$49.95	\$49.95
Econo Lodge [226-4545; 1-800-446-6900]	\$29.95	\$29.95
Heritage Quality Motel [278-1448]	\$29.95	\$35.95
Motel 6 (278-5522; 1-800-4-Motel 6)	\$25.99	\$29.99



Area code for all Dalton numbers is (706). Be aware that many of these motels may have corporate, AARP, etc. discounts not listed above.

An early summer field meeting of the Southern Lepidopterists' Society will be held in Texas and take place in Concan, Uvalde County, the weekend of May 9, 10 and 11, 1997. The 1992 spring field meeting was held at Concan and was well attended. The location will be at Neal's Vacation Lodges on the Frio River. (For directions see map below.) Many of you are no doubt familiar with Neal's Lodges, but for those who are not, this is one of the oldest resorts in the Texas hill country. It is a nature-oriented resort, which caters mainly to birders, and the management has taken great pains to preserve as much as the natural habitat as possible. Scattered through several thousand acres of oak-juniper woodland and the bald cypress lined Rio Frio, are 60 cabins accommodating from 2 to 6 persons. Camping and trailer hookups are also available. Off season rates apply during this time, and are as low as \$10.00 per person depending upon occupancy.

The management has extended to our group full collecting privileges, as long as we do not intrude upon the privacy of other guests, of course. The area is very rich in Lepidoptera species, including some that are rarely taken elsewhere. Nearby, are Garner State Park and Lost Maples. The largest Bald Cypress Tree in Texas is located nearby.

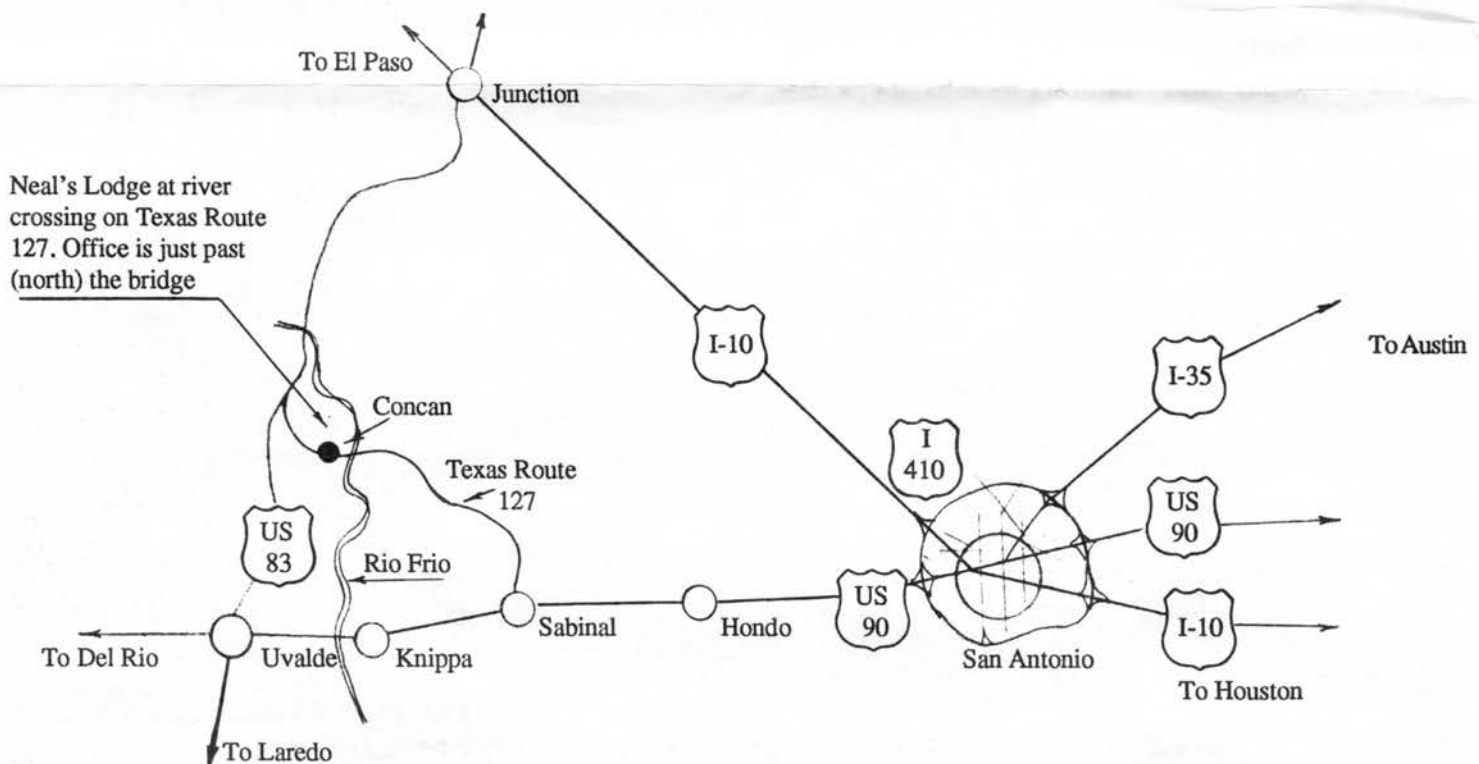
#### Collecting opportunities:

Butterflies: Megathymids should be on the wing in the area and nearby regions. It will be too late to collect immatures. Various other skippers should be in the area. Papilio multicaudatus should be present as well as Adelpha bredowii. Others species which should be on the wing include: Strymon alba, Heliconius charitonius, Phoebis philea, Eurema mexicanum, Chlosyne lacinia, Thessalia theona, Phyciodes vesta and Mestra anyone.

Moths: We would conservatively expect above 250 species at light, including 5 or 6 species of Catocala.

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#### MAP AND DIRECTIONS TO SPRING FIELD MEETING AT NEAL'S LODGE, CONCAN, TEXAS



From San Antonio, follow US 90 west to Sabinal, turn right (north) on Texas Route 127. At bridge over Rio Frio, Neal's Lodge is just over the bridge. From El Paso, follow US 83 south, turn left (south) on Texas Route 127, approximately one mile, through Concan to Neal's Lodge. Watch for the Southern Lepidopterists' logo signs to help direct you.

I hope that you will plan to attend. It is a great opportunity to meet out-of-state members and enjoy a few days (and nights) of outstanding collecting, photography, or butterfly watching. If you are interested in coming, either one or both days, please make reservations as soon as possible, for it is likely the resort will be nearly booked by mid April. Call Mary Anna Roosa at 512-232-6118 for more information and reservations, between 8 AM - 5 PM daily. Limited accommodations will be reserved for us as a group. There will be no business session, but we will be having an informal get-together and refreshments on Saturday May 11th at 5 PM.

If you plan to stay with the group or need directions or other information, contact : Ed Knudson, 8517 Burkhart, Houston, Texas, 77055. Phone 713-242-5800 (weekdays) or 713-464-3529 (evenings and weekends).

### **1997 ANNUAL MEETING OF THE SOUTHERN LEPIDOPTERISTS' IN GAINESVILLE**

The 1997 annual meeting will be held at the Florida State Collection of Arthropods in Gainesville, Florida the weekend of 4 - 5 October. This will be an opportunity for members to express their interests and concerns. There will be an election of officers, several quest speakers, presentations by members and a banquet. Plan now to attend!

### **ASSOCIATION FOR TROPICAL LEPIDOPTERA ANNUAL MEETING IN GAINESVILLE HOSTED BY TOM EMMEL**

The Association for Tropical Lepidoptera Annual Meeting will be the week-end of April 4-5 in Gainesville, Florida. Dr. Thomas C. Emmel is in charge of arrangements for this year's meeting. Tropical meetings are always informative and enjoyable. For additional information contact: John B. Heppner, Association for Tropical Lepidoptera, c/o Florida State Collection of Arthropods, P.O. Box 141210, Gainesville, Florida 32614-1210; tel: 352-392-5894; FAX: 352-392-0479

### **RECENTLY PUBLISHED BOOKS ON THE LEPIDOPTERA OF THE SOUTHERN REGION**

Hardwick, David F., 1996. **MONOGRAPH TO THE NORTH AMERICAN HELIOTHENTINAE**. 7" X 10" format, 279 pages, 25 color plates: Order from: Ms. Julia Hardwick, 535 Highland Avenue, Ottawa, Ontario, Canada K2A 2J8: Hard-cover \$70.00, Soft-cover \$50.00 plus \$10.00 shipping and handling. Checks should be made payable to D. F. Hardwick.

The monograph includes a treatment of the heliothentine fauna of Canada, the United States and Mexico. The taxonomic status, period of flight and distribution of the 147 species are considered. Over half of the species have been reared from eggs stage by the author. The food plants and adaptations to food plants of individual species are discussed, and the immature stages described. The adults of all species and the ultimate-stadium larvae of more than half the species are illustrated in color. A major emphasis is placed on distinguishing similar species.

The monograph includes a check list of valid species and their synonyms, and also a list of heliothentine food-plants. An extensive bibliography to the Heliothentine is presented. Eight new species are described, 23 lectotypes are designated, and 40 nominal species regulated to synonymy.

The next issue of the newsletter, Vol. 19, No. 1 will have a book review on this important publication.

### **RESEARCH REQUEST & MEMBERS NOTICE**

**RESEARCH REQUEST:** I am actively involved in the preparation of a book which will deal with the biology and ecology of the Sphingidae which occur north of Mexico. This project is progressing at a surprisingly rapid rate, and I have already photographed the larvae of 60 of the 100+ resident species. While I continue to make trips - I plan to be in South Florida and the lower Rio Grande Valley in the fall of 1997 - it is becoming obvious that I will not be able to finish this project without field assistance. I would be interested in hearing from members who have pin point locality data where any of the following species are consistently taken, unpublished larval food plant records, adult nectar sources, and I am especially interested in assistance in obtaining ova/larvae during the upcoming field season. I have USDA permits to ship and receive larvae and will forward copies of the permit where appropriate. Any assistance will be appreciated and acknowledged at publication.

Argius cingulata  
Erinnyis lassauxii  
Eumorphia satellitia

Manduca brontes  
Erinnyis obscura  
Eumorphia intermedia

Manduca jasminearum  
Phryxus caicus  
Cautethia spuria

Paratreia plebeja  
Aellopos titan

Paonias astylus  
Aellopos clavipes

Contact: James Tuttle, 3838 Fernleigh Ave., Troy, MI 48083; Please call before sending livestock - telephone number (810) 689-6687

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**FOR SALE:** Light Traps, 12 volt DC or 110 volt AC with 15 watt or 8 watt black lights. The traps are portable and easy to use. Rain drains and beetle screens protect specimens from damage. For a free brochure and price list contact; Leroy C. Koehn, 207 Quail Trail, Greenwood, MS 38930-7315; Tel. 601-455-5498



## THIS-N-THAT & OTHER TIDBITS

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Hermann Flaschka pointed out the error in John Hyatt's article "A New Food Plant Record for *Platynota idaeusalis* (Walker)" in Vol. 18 No. 3. Your Editor made an additional error; as reported, John found only a single caterpillar or "larva" on his *Platynota idaeusalis*, I used the word "larvae" which is plural. The words "larvum" and "larvae" are both incorrect. Please correct your copy and insert the word "larva". Your Editor must brush up on his Latin! John Hyatt, Hermann Flaschka and 16 others pointed out my error.

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It is with the great pleasure that we can announce the marriage of two of our members, to each other! Steve Passoa and Valerie Karime were recently married. Good luck to the bride and groom. Does anyone know if they took nets on their honeymoon??

## NEWSLETTER UP-DATE

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I hope that all of you have enjoyed the newsletter for 1996. I will make every attempt to continue to bring you an interesting and informative newsletter in 1997. However, I need your help to make it possible. I will include anything of interest to the membership related to Lepidoptera in the newsletter. Short or long articles, stories, notes of interest, activities of members, etc, are welcome. Please let me hear from you.

Please keep your state coordinator informed of your activities. Records are extremely important, even for very common species. Your activities and records could greatly increase our knowledge of the lepidoptera within your state and the region. Do you have interesting photographs of your activities and specimens? Your report is much more effective when photographs are included. Let your coordinator hear from you.

I received several letters concerning the direction that the society is moving towards. The officers have clearly stated their goals and objectives and they have been supported by the majority of the membership. The past is the past. We, the officers, refuse to become involved in political squabbles of the past and we will not air them in the newsletter. It accomplishes nothing. Please attend the next annual meeting and become involved and help us make our science fun.

The newsletter deadlines for Vol. 19 are as follows: No. 1: 15 March 1997, No. 2: 15 June 1997, No. 3: 15 September 1997, and No. 4: 15 December 1997. I will keep the deadline dates. The newsletter will be on time.

## STATE COORDINATOR REPORTS

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We are in need of a coordinator for Alabama. If you are interested in becoming the state coordinator for Alabama, contact the Chairman: John V. Calhoun, 977 Wicks Drive, Palm Harbor, FL 34684-4656, Tel: 813-785-0715.

**ALABAMA:** No coordinator.

**ARKANSAS:** Mack Shotts, 514 W. Main Street, Paragould, AR, 72450 No Report!

**FLORIDA:** Tom Neal, 1705 NW 23rd Street, Gainesville, FL 32605

Jeffrey Slotten visited south Florida 14 - 17 Nov 1996 and found few butterflies. He did take *Eurema nise* near Bauer Hammock in Dade County. He also found the following moths: *Erinnys caicus*, Collier County, *E. ello*, Collier and Dade County, *Pachylia ficus*, Dade County, and *Xylophanes pluto*, Monroe County.

John Calhoun continues his survey of the Florida Panhandle with additional visits on 5 and 28 September, and 12 and 13 October.

*Pyrgus oileus*, 13 Oct., s. Of Chattahoochee, Gadsden County (contrary to popular belief, this species is quite common and widespread [although local] in northern Florida, especially late in the year. *Hesperia attalus*, 29 June, Trail 13, Withlacoochee State Forest, Citrus County.; *Hesperia meskei*, 12 Oct., sand hill habitats s. Of Chattahoochee, Gadsden County; *Problema byssus*, 5 Sept., just n. Of Marianna, Jackson County; *Poanes zabulon*, 13 Oct., along Chipola River at Marianna, Jackson County; *Poanes yehl*, 13 Oct., one female near woods filled with *Arundinaria* s. Of Chattahoochee, Gadsden County; *Euphyes arpa*, 28 Sept., fairly common near Chassahowwitska, Citrus County; *Euphyes dukesi*, Pasco County, rare (only 2-3 adults) in mid-May when peak brood is expected, low precipitation levels may have delayed emergence; *Calpodus ethlius*, 12 Oct., Jackson County, early stages found on red canna s. of Marianna, one adult emerged from collected pupa on 13 Oct.; *Peniseca tarquinius*, old record of a single male in the collection of Robert Hollister, 3 April 1982, northern Hernando County (this is near the southern limit of this uncommon species in Florida); *Satyrium calanus calanus*, one slightly worn male, 13 June, in ravine s. of Chattahoochee, Gadsden County. This specimen represents the nominate subspecies, rather than *Satyrium calanus falacer* (which would be expected in this portion of Florida), raising some interesting questions; *Mitoura grynea swadneri*, three sites, 27 July - 28 Sept., Hernando County and observed at one site in Pasco County, 24 Aug.



Celastrina violacea, my record of 15 March 1996 (though to be the first from Florida) is pre-dated by a single male collected by John Peacock in Baker County, approximately 10 miles east of Lake City on 19 April 1991. David Wright recently identified the specimen at a meeting of the Newark [NJ] Entomological Society. This is the only Celastrina collected in Florida by John. What are the odds?! Marc Minno has mentioned that he also has collected Celastrina violacea in Nassau County in the northeast corner of the state, suggesting that it may be widespread across northern Florida in rich hardwood forests; Anathanasas texana seminole, 12 Oct., along the Apalachicola River s. of Chattahoochee; Asterocampa celtis celtis, locally common around hackberry trees in the vicinity of Marianna, Jackson County, 12-13 Oct.

**GEORGIA:** James K. Adams, 1702-1005 Crow Valley Rd., Dalton, GA 30720

Butterfly records are from Hermann Flaschka; moth records are from James Adams and Mike Lockwood. All records represent either newly identified or collected species for NW Georgia, or additional records of uncommon or unusual species. New records are in **bold**; some of these are common species, but simply previously uncollected. Records are from the Dalton/Rocky Face, Whitfield County area unless otherwise specified. "Car." refers to Carbondale (at exit 134 on I-75, south Whitfield Co.); "Mur." refers to the Murray/ Whitfield Co. line on state Hwy. 76/52 (near the Conasauga River).

**NYMPHALIDAE:** Speyeria cybele (unusual southern record) and Heliconius charitonius (unusual northern record), 2318 Hunting Valley Dr. (Hermann Flaschka's yard), Decatur, mid ix. 1996. **SPHINGIDAE:** Eumorpha fasciata, several, Mur. and East Dalton, ix. 1996. **SATURNIIDAE:** Actias luna, 1 x. 1996 (unusual late record). **ARCTIIDAE:** Grammia virgo, several records, 1 x. 1996. **NOCTUIDAE:** Catocala resecta, several records, ix. 1996; Catocala subnata, 12 ix. 1996; Selenisa sueroides, 1 x. and 18 x. 1996; Melipotis jucunda, 20 ix. 1996; Hypocala andremonea, 2 x. 1996; Sutyna sp., several, ix.-x. 1996; Cirrhophanus triangulifer, 5 ix. 1996; Stiria rugifrons (2), 17 ix. 1996 (Car.); Archana oblonga, 17 ix. 1996; Meropon ambifuscum, 20 ix. 1996, also 17 ix. 1996 (Car.); Papaipema eupatorii, 17 x. 1996; Papaipema cerussata, several, ix.-x. 1996; Papaipema birdi, 17 ix. 1996; Papaipema marginidens (2), 18 x. 1996 (Car.); Papaipema impecuniosa, several records; Papaipema rutila, 12 ix. 1996; Trichosilia geniculata, 23 ix. 1996. **GEOMETRIDAE:** Pero zalissaria, several records, ix.-x. 1996.

**LOUISIANA:** Vernon Brou, 74320 Jack Loyd Rd., Abita Springs, LA 70420 No Report!

Ricky Patterson reported collecting Euphyes dion, 8 September 1985, in Madison Parish, near Tallulah. Ricky commented that distribution maps in Peterson's Field Guide: Eastern Butterflies by Opler/Malikul show a significant gap in the Vicksburg/Tallulah area. This record should help fill the gap.

**MISSISSIPPI:** Bryant Mather, 213 Mt. Salus Dr., Clinton, MS 39056

Richard Brown reported Paraponyx seminealis, 2 males & 6 females from Lucedale, George County, collected by Rick Kergosien: Idia julia, a single male from Lucedale, George County. Hermann Flaschka reported taking: Alcathoe carolinensis and Alcathoe caudata in pheromone traps at Clinton, Hinds County.

Larry Gall found a Catocala specimen from J.P. Coleman State Park, Tishomingo State Park, 23 Aug 1995, collected by Rick Kergosien that he tentatively identified as robinsoni; however, it is different. He found two others like it at AMNH. It may be a new species.

Ricky Patterson collected several areas in Mississippi and reported the following records: Tippah County, 3 miles west of Falkner: Poanes hobomok hobomok, 1 male, 25 May 1996, 2 males, 27 May 1995; Satyrus liparops strigosus, 1 male, 25 May 1996; Satyrus calanus falacer, 6 males, 25 May 1996; Harknessia titus mopsus, 2 males, 27 May 1995; Speyeria cybele cybele, 1 male, 25 May 1996; Satyrus appalachia, 1 male, 27 May 1996. Panola County, Batesville: Erynnis brizo brizo, 1 male, 16 March 1996.

Leroy Koehn continued his almost daily visits to the Malmasion Wildlife Management Area in Grenada County where he operates both light traps and bait traps and reported the following: Leroy operated bait traps until a freeze on 7 November ended most activities. He took the following: Catocala marmorata, C. vidua, C. robinsoni, C. resecta, C. maestosa, C. lacrymosa, and C. cara carissima. His last Catocala was taken on 4 November: Catocala vidua and C. amatrix. Interesting butterflies were: Feniseca tarquinius, 22 September; Enodia creola, 6 October; Enodia anthedon, 18 September; and Anaea andria, 28 October. Anaea andria was present all summer and was seen flying around a bait trap in his yard in Leflore County on 4 December.

Leroy noted an unusually warm and extended fall saw many species flying into late November. Bait traps continued to have Polygonia comma and Polygonia interrogantionis into late November. Several Nymphalis antiopa were taken December 3 and again on December 7. A lengthy cold snap with a hard freeze on December 9 ended all butterfly activity.

Interesting moths were: 18 August: Schinia bifascia, S. nundina, S. thoreau, and S. florida; Sphinx kalmiae, Enyo lugubris, Apantesis arge, and the large noctuid moth, Ascalapha odorata.

**NORTH CAROLINA:** Steve Hall, NC Natural Heritage Program, Div. of Parks & Recreation, P.O. Box 27687, Raleigh, NC 27611

Harry LeGrand reported the following for late August through October, 1996: Phoebis sennae, Pyrisitia lisa, and other migrant species were in much lower numbers than usual during the fall, continuing the trend noted in summer. In past years, it was not unusual to see over 100 P. sennae in an hour or two in the southern Coastal Plain; this year, counts of 5 to 10 in an hour were more the rule. Speyeria diana: A worn female was seen at Stone Mountain State Park in Allegheny County on September 15. Vanessa cardui: The species was very scarce in North Carolina in 1996; my only sighting for the entire year was one in Montgomery County on October 5. Achalarus lyciades: One seemed quite late in Moore County on October 12; it was nectaring on Carphephorus bellidifolius in a dry long leaf pine forest. Hesperia leonardus: A fresh male and a fresh female were seen in Montgomery County on October 5. They consistently nectar on the tallest and "most purple" flowers -- mainly Aster grandiflorus -- along a road bank at the edge of a clear-cut. Hesperia attalus: Two females seen on August 31, a fresh male seen on September 1, and two worn males seen on the very late date of October 5, all at two sites in Scotland County.

Hesperia meskei: My peak count for the fall was 12 in Scotland County on October 5. My first date in the Sandhills this season was in Moore County on September 24, which is the approximate beginning of the second brood's flight period. Problemata bulenta: One of undetermined sex seen and photographed in Brunswick County near Wilmington on August 24. It was rather worn; the date is near the end of the second brood in the state. Poanes aaroni: Four observed at Dare Bombing Range in Hyde County on September 10. This might be a first report for this county, but the species is known from this site in adjacent Dare County. This may well be at the southern limit for P. a. aaroni. Euphyes pilatka: I had a good count of 20 on mainland Dare County adjacent to Pamlico Sound on September 26. They were nectaring on composites along a dirt road through a shrub thicket; Cladium was present nearby. Amblyscirtes aesculapius: I had an excellent count of 25 nectaring on Eupatorium coelestinum at Dare Bombing Range in Hyde County on September 10. Amblyscirtes alternata: Two seen, and one photographed by Derb Carter, in Brunswick County on August 25; habitat was pine flatwoods. Oligoria maculata: I had a good total for North Carolina of 18, at two sites in Hyde County, on September 10. They were nectaring on Elephantopus sp. and Eupatorium coelestinum along road margins through moist woods. Calpodus ethlius: One fresh individual seen nectaring at lantana on Figure Eight Island in New Hanover County on August 24.

The following selected moth records were submitted by Steve Hall. All specimens were collected on October 10 at the Devils Gut TNC Preserve along the lower Roanoke River near Jamesville, Martin County. Most of the preserve was still submerged from the high waters that followed Hurricane Fran but one narrow ridge within the floodplain was dry enough to sample. All moths were taken using a 15w UV trap.

Catocala marmorata -- one worn male collected. This species has now been collected at several different sites in North Carolina, from Mt. Mitchell to Nag's Head Woods (Bo Sullivan, pers. comm.).

Catocala carissima -- one worn male collected. Swamp cottonwoods are common throughout this area; willows occur more sparingly.

Papaipema n. sp. 3 (cane borer) -- one fresh male collected from a canebrake that was at least partly above the current waterline. None were collected in another stand of larger cane whose bases were still covered with water.

**SOUTH CAROLINA:** Ron Gattelle, 126 Wells Rd., Goose Creek, SC 29445 No Report!

**TENNESSEE:** John Hyatt, 439 Forest Hills Dr., Kingsport, TN 37663 No Report!

**TEXAS:** Ed Knudsen, 8517 Burkhart, Houston, TX 77055 No Report!

**VIRGINIA:** Harry Pavulaan, 494 Fillmore Street, Herndon, VA 22070

Counties listed first. Note, new County records are in all-caps. New independent-city records (equal to county status) are listed similarly. Following the county/independent city listing, are: date; name of nearest community and/or locality (if given); reporting person's initials; means of identification (if known) in parentheses; and any observational notes. Some second county records, based on photography or collection records, have been included to validate previous sight reports.

Key to sources: CC=Charles Covell (field notes), GA=George Austin (collection record, no data provided), HP=Harry Pavulaan, JB=Julia Bristow, MA=Margaret Abbott, MD=Michael Donahue, RE=Robert Epperson, RL=Robert Lyon, RU=Richard Ullrich, TK=Teta Kain, WH=William Hark.

Epargyreus clarus: Fairfax: 8/11/96, Herndon, HP, 80 individuals counted on 10 Buddleia bushes in my garden. Definitely a peak year, with large numbers sighted locally throughout summer. Northampton (2nd county record): 9/16/96, RE, nectaring on Buddleia. WILLIAMSBURG city: 6/27/96, Colonial Williamsburg, MD. Thorybes bathyllus: Loudoun: 8/27/96, Purcellville, RL (photo). Staphylus hayhurstii: BEDFORD: 7/20/96, RE, nectaring on Salvia. Erynnis juvenalis: LYNCHBURG city: 4/28/96, RE, resting on grass in woods. Erynnis horatius: BLAND: 8/14/96, Hogback Ridge, MD. Prygus centaureae wyandot: ALBEMARLE, PULASKI: listed in "Virginia's Endangered Species", published by the Virginia Natural Heritage Program (no specifics).

Prygus communis: BEDFORD: 11/3/96, RE, on mud. LYNCHBURG city: 9/29/96, RE, nectaring on Black-eyed Susan. Philosora catullus: SCOTT: (no data), GA collection. Terema accius: BEDFORD: 8/14/96, RE, nectaring on Salvia. Anylophya numitor: ACCOMACK: (no data), GA collection. BEDFORD: 7/11/96, RE, nectaring on Salvia. NORTHAMPTON: "July", Bayford, MA (sight). Polites peckius: BEDFORD: 8/15/96, RE, nectaring on Salvia. Polites origenes: BEDFORD: 8/10/96, RE, nectaring on Salvia. Wallengrenia otho: ACCOMACK: "Summer", JB (sight). Wallengrenia egeremet: BEDFORD: 8/14/96, RE, nectaring on Salvia. NORTHAMPTON: "August", Bayford, MA (sight). ROCKBRIDGE: 7/11/96, Natural Bridge, MD. Pompeius verna: BEDFORD: 8/10/96, RE, nectaring on Salvia. Atalopedes campestris: BLAND: 8/14/96, Hogback Ridge, MD. CRAIG: 7/24/96, Potts Pond, MD. Atrytone logan: BEDFORD: 8/16/96, RE, nectaring on Salvia. NORTHAMPTON: "July", Bayford, MA (sight). Poanes zabulon: RICHMOND city: 6/1/96, Great Shiprock Park, WH (sight). Euphyes conspicuus: BEDFORD: 7/11/96, RE, nectaring on Salvia. Battus philenor: NORTHAMPTON: "July", Bayford, MA (sight). Eurytides marcellus: CHARLOTTE: 4/27/96, RE, on mud. Papilio polyxenes: Fairfax: 11/1/96, Herndon, HP. Several dwarfed black form larvae collected on Fennel. One all black with a single row of large orange spots along sides. Dwarfed chrysalids formed immediately after larvae were taken indoors. Pterourus glaucus: NORTON city: 6/9/96, State Route 35, MD. PITTSYLVANIA: 7/21/96, RE. ROANOKE city: 4/4/96, Route 419, MD. SUSSEX: 6/28/89, Route I-95, CC. Pterourus troilus: GRAYSON: 8/26/96, White Top, MD. NORTON city: 6/9/96, State Route 35, MD. WILLIAMSBURG city: 6/27/96, Colonial Williamsburg, MD. Artogeia rapae: ALBEMARLE: 7/20/96, Barracks Rd. near Charlottesville, WH (sight). BLAND: 8/14/96, Hogback Ridge, MD. NORTHAMPTON: 9/13/96, RE. NORTON city: 6/9/96, State Route 35, MD. ROANOKE city: 4/4/96, Route 419, MD. Colias eurytheme: NORTON city: 6/9/96, State Route 35, MD. ROANOKE city: 6/4/96, Route 419, MD. Colias philodice: Bland (2nd county record): 8/14/96, Hogback Ridge, MD. NORTON city: 6/9/96, State Route 35, MD. Phoebus sennae: WYTHE: 8/8/96, Raven Cliff, MD. Abaies nicippe: BEDFORD: 7/23/96, RE, nectaring on Zinnia. FAUQUIER: 7/24/94, near Markham, RU (collected).

Fenesica tarquinius: FAUQUIER: 6/26/94, near Markham, RU (collected). Attilides halesus: NORTHAMPTON: "August", Bayford, MA (sight), nectaring on Devil's Walking Stick. Harkencenus titus: NORTHAMPTON: "August", Bayford, MA (sight). Calycopis cecrops: Loudoun: 9/8/96, Purcellville, RL (sight), aberrant form with usual orange-red ventral bands replaced by yellow. NORTHAMPTON: "August", Bayford, MA (sight). WARREN: (no data), GA. Mitoura gryneus: Fairfax: Late July, Herndon, HP (observations, video), adults nectaring abundantly on Fennel(!), Orange Butterflyweed, Joe Pye and Oregano, ignoring all other nectar sources. This is apparently a natural colonization of a suburban yard with 11 young Juniperus virginiana trees, with no host stands nearby. Insicalia henrici: SUSSEX: (no data), GA. Parrhasius m-album: NORTHAMPTON: "August", Bayford, MA (sight). Strymon melinus: ALBEMARLE: 8/3/96, Barracks Rd. near Charlottesville, WH (sight). JAMES CITY: 6/28/96, Carters Grove, MD. NORTHAMPTON: "August", Bayford, MA (sight). WILLIAMSBURG city: 6/27/96, Colonial Williamsburg, MD. Everes comyntas: ACCOMACK: (no data), GA collection. Bland (2nd county record): 8/15/96, Round Mtn., MD. Franklin (2nd county record): 6/16/96, Smith Mtn. Lake State Park, MD. PITTSYLVANIA: 7/21/96, RE. WYTHE: 6/26/96, Raven Cliff, MD. Celastrina ladon (=violacea Edwards): Cornus florida-associated taxon. Loudoun: 4/24/96, Purcellville, RL (photo). Celastrina neglecta: BLAND: 8/15/96, Round Mtn., MD. NORTHAMPTON: "June", Bayford, MA (sight). Celastrina neglecta major: Rockbridge: 7/11/96 (LATE), Cave Mtn. Lake, MD. Danaus plexippus: Bland (2nd county record): 8/15/96, Round Mtn., MD. Franklin (2nd county record): 6/16/96, Smith Mtn. Lake State Park, MD. Libytheana bachmanni: BEDFORD: 8/19/96, RE, nectaring on Cosmos. CARROLL: 8/21/96, Ewing Mtn., MD. WILLIAMSBURG city: 6/27/96, Colonial Williamsburg, MD. Euptoieta claudia: Bland (2nd county record): 8/14/96, Hogback Ridge, MD. JAMES CITY: 6/28/96, Carters Grove, MD. LYNCHBURG city: 7/27/96, RE, nectaring on Coneflower. NORTHAMPTON: "July", Bayford, MA (sight). WILLIAMSBURG city: 6/27/96, Colonial Williamsburg, MD. Speyeria cybele: GRAYSON: 8/26/96, White Top, MD. JAMES CITY: 6/28/96, Carters Grove, MD. WILLIAMSBURG city: 6/27/96, Colonial Williamsburg, MD. Speyeria diana: CARROLL: 8/21/96, Ewing Mtn., MD. Clossiana bellona: ALBEMARLE: 7/20/96, Barracks Rd. near Charlottesville, WH (sight). C. nycteis: PITTSYLVANIA: 7/21/96, RE. Phyciodes tharos: Franklin (2nd county record): 6/16/96, Smith Mtn. Lake State Park, MD. JAMES CITY: 6/28/96, Carters Grove, MD. NORTHAMPTON: "June", Bayford, MA (sight). WILLIAMSBURG city: 6/27/96, Colonial Williamsburg, MD. Euphydryas phaeton: FAUQUIER: 6/18/95, near Markham, RU (collected). Polygonia interrogationis: GLOUCESTER: (no date), Gloucester, TK (sight), attracted to bait. Polygonia comma: BLAND: 8/15/96, Round Mtn., MD. GLOUCESTER: (no date), Gloucester, TK (sight), attracted to bait. Nymphalis antiopa: CARROLL: 8/21/96, Ewing Mtn., MD. Vanessa cardui: BEDFORD: 6/5/96, RE, nectaring on Buddleia. Vanessa atalanta: GLOUCESTER: (no date), Gloucester, TK (sight), attracted to bait. JAMES CITY: 6/28/96, Carters Grove, MD. WILLIAMSBURG city: 6/27/96, Colonial Williamsburg, MD. Vanessa virginiensis: WARREN: 6/19/96, State Route 613, MD. Junonia coenia: BEDFORD: 7/19/96, RE, nectaring on Buddleia. Basilarchia arthemis astyanax: Fairfax: 8/27/96-10/2/96, Herndon, HP (observations, video), third brood females nectaring daily on white Buddleia, Sedum, also on fermenting Crab Apples. Intoxicated female on Crab Apples on 9/9/96. One female imbibing on bad Raspberries still on the cane, 9/14/96. Basilarchia archippus: ACCOMACK: 9/15/96, RE, in woods. BEDFORD: 9/19/96, RE, imbibing on Crab Apples. Asterocampa celtis: GLOUCESTER: (no date), Gloucester, TK (sight), attracted to bait. Asterocampa clyton: BEDFORD: 6/16/96, RE. Fauquier: 6/26/94, near Markham, RU (collection record confirming an earlier sight report). GLOUCESTER: (no date), Gloucester, TK (sight), attracted to bait.

Enodia anthedon: Fauquier: 6/26/94, near Markham, RU (collection record confirming an earlier sight report). Satyroides appalachia: BEDFORD: 8/14/96, RE. Cyllopsis gemma: JAMES CITY: 9/15/95, York River State Park, TK (binoculars). Megisto cymela type-I: BEDFORD: 6/8/96, RE. Cercyonis pegala: Fairfax: August, Herndon, HP (observations, video), females nectaring frequently on white Buddleia, once on Oregano.



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Michael A. Quinn, 1708 Hunt Ave., Donna, TX 78537-2924

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c/o LEROY C. KOEHN, THE EDITOR

207 QUAIL TRAIL

GREENWOOD, MS 38930-7315



Deborah & Terry Lott  
P.O. Box 141034  
Gainesville, FL 32614-1034

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