



Southern Lepidopterists' **NEWS**

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Official Newsletter of the Southern Lepidopterists' Society

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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

LEROY C. KOEHN: EDITOR

TWO DECADES OF THE SOUTHERN LEPIDOPTERISTS' SOCIETY BY JOHN CALHOUN

I was going through some old correspondences the other day and suddenly realized how quickly 1997 had passed. I remembered an early spring hike through the woods of the Florida Panhandle when I thoroughly enjoyed the crisp breezes and sweet aroma of blooming forest trees. I also recalled the many trips that followed; exploring the slopes of the Apalachicola River, delving into mosquito-infested swamps brimming with switch cane, sloshing through wet savannas where pitcher plants grew in abundance, walking along dirt roads on hot and oppressively humid days in early summer, crossing streams on fallen logs to reach a distant bank that somehow looked more productive (even though it was not), and craning my neck toward the crowns of white cedar trees with the hope of catching a glimpse of a tiny hairstreak swirling frustratingly out of reach. I also visited California for the first time where I strolled through towering redwood forests and flower-filled mountain meadows. Surely, my memories pale in comparison to others who visited rainforests in Brazil or grasslands in Africa. Nonetheless, my 1997 was memorable and productive. 1998 promises to be equally outstanding, not only for myself, but for the Southern Lepidopterists' Society as well.

In 1998, the Southern Lepidopterists' Society celebrates its twentieth anniversary. Charter members are reminded of our humble beginnings when only a few dedicated individuals attended meetings. These meetings and field trips continue to encourage members to visit new areas and make new friends. Information exchange between members has improved the accuracy of research and inspired many new projects. During our celebration, we also must take time to recall our many departed friends who helped build this organization and greatly contributed to our understanding of the Lepidoptera of the southeast, including Andre Blanchard, Lucian Harris, Jr., Chuck Zeiger, Charles Kimball, Arthur Joe Patterson, and John (Jack) Heinrich.

Like all organizations, the Southern Lepidopterists' Society has experienced many ups and downs during the past twenty years. We now enjoy a healthy organization, brimming with a wealth of friendship and knowledge. Few special interest groups remain alive for two decades. The survival of this organization is a result of the faith and dedication of its members. During the next year, please use the newsletter to share your experiences with us all. I offer a tip of the hat to each of you and take special pride in continuing to serve as Chairman. I wish you, and the Southern Lepidopterists' Society, the best in 1998.

SPHINGIDAE OF CAPROCK CANYONS STATE PARK, TEXAS
AND IMMEDIATE SURROUNDINGS.

BY

J. BARRY LOMBARDINI

Caprock Canyons State Park (1), an area comprising 13,906 acres is located in the southeastern portion of Briscoe County, in West Texas. The State of Texas purchased the land in 1975, and the Park opened to the public in 1982 with facilities such as camping, swimming, areas for horse back riding, and a small store. The small community of Quitaque (population 513) is located 3 miles to the south of the Park. Two major urban populations in the area are the City of Lubbock (population 200,000), located approximately 96 miles to the southwest (~2 hour drive) and the City of Amarillo (population 180,000) located approximately 100 miles to the northwest (~2 hour drive).

Landscape: Caprock Canyons State Park is named for the terrain of the area, that is, for the escarpment which makes up ridges and arroyos formed in ancient times by the faulting and fracturing of the earth's crust. This harsh, rugged area features exposed red sandstones and silts tones, processes of the exposed geological formations of the Permian Age. Within the Park, geological evidence of earlier eras can also be observed such as shales of the Triassic Age, caliche caprock of the Pliocene epoch, and sediments that fill depressions of the Pleistocene era. The escarpment, in this area of the panhandle of Texas, which runs north-south separates the flatland of the Llano Estacado or Staked Plain to the west and the rolling plains to the east. The elevation within Caprock Canyons State Park is approximately 2180 ft in the east and increases to approximately 3180 ft at the western border.

Within Caprock Canyons State Park is Lake Theo, a small lake which covers approximately 120 acres in years of normal rainfall and is used by both day-use and overnight guests for swimming, boating, and fishing. The creeks in the Park are small and only have water if there is sufficient rainfall. In ancient times the tributaries of the Little Red River and Holmes Creek contributed to the erosion involved in forming the canyons and badlands.

Vegetation: At first glance when entering Caprock Canyons State Park one is initially overwhelmed by the appearance of the lack of vegetation. Minimal rainfall and poor soil are the contributing factors to this paucity of vegetation. However, upon closer inspection, there is, indeed, a wide variety of plants, and there are reported to be five different zones of plant life within the Park. These zones are the following: 1) high plains prairie - contains short grasses, 2) scarp woodlands - Mohr's Oak and one-seed juniper are found along with other numerous shrubs, 3) undulating plains - contain mesquite, sand sage, and grasses, 4) badlands - characterized by poor soil and consequently limited grasses. Sparse vegetation including redberry juniper, mesquite, and cacti are also found here, and 5) the bottom lands - populated with cottonwood, plum, hackberry, Rocky Mountain juniper, Mohr's Oak, and tall grasses.

The author visited Caprock Canyons State Park and the immediate area on numerous occasions in 1996 and 1997 collecting moths in the campgrounds with a blacklight. Collecting specimens was also accomplished by visiting buildings with outside lights such as the Ranger Station at the Park entrance and convenience stores in the nearby towns of Quitaque and Turkey.

The following listed species of Sphingidae (Hawkmoths) have been collected. The sites of capture of these specimens are Caprock Canyons State Park, designated by the initials {CCSP}, and the neighboring towns of Quitaque and Turkey (10 miles to the east of the Park) identified by the initials {Qq} and {Tk}. The species recorded from Quitaque and Turkey should also be found in the nearby Park. Additional records for the Park are included which were published in the Southern Lepidopterists' News (2) by Ed Knudsen and Charles Bordelon (identified by their initials in the parentheses, EK&CB). Specimens collected by the author are identified by the initials JBL. Dates of capture are located in brackets. The numbering system is that of the Check List of the Lepidoptera of America North of Mexico edited by R. W. Hodges and colleagues (3). Specimens collected by the author were identified with the aid of the monograph entitled: The Moths of America North of Mexico, Fascicle 21 Sphingoidea, by R.W. Hodges (4).

LIST OF SPECIES

- | | |
|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| 7771 <i>Agrius cingulatus</i> (Fabricius) {CCSP} (JBL) [5-X-97] | 7828 <i>Pachysphinx modesta</i> (Harris) {CCSP} (EK&CB) [10,11-V-96] |
| 7775 <i>Manduca sexta</i> (Linnaeus) {CCSP} (JBL) [31-VIII-96] | 7729 <i>Pachysphinx occidentalis</i> (Henry Edwards) {Tk} (JBL) [14-IX-96]; {CCSP} (JBL) [7-IX-97] |
| 7776 <i>Manduca quinquemaculata</i> (Haworth) {CCSP} (JBL) [3,30-VIII-96] | 7837 <i>Erinnyis obscura</i> (Fabricius) {CCSP} (JBL) [3-VII-96] |
| 7786 <i>Ceratomia amyntor</i> (Geyer) {CCPS} (JBL) [3-VIII-96] | 7858 <i>Eumorpha satellitia</i> (Linnaeus) {CCSP} (JBL) [30-VIII-96] |
| 7790 <i>Ceratomia hageni</i> Grote {CCSP} (EK&CB) [10,11-V-96] | 7862 <i>Eumorpha achemon</i> (Drury) {CCSP} (EK&CB) [10, 11-V-96] |
| 7793 <i>Paratreia plebeja</i> (Fabricius) {Qq} (JBL) [8-IX-96] | 7864 <i>Eumorpha vitis</i> (Linnaeus) {Tk} (JBL) [3-VIII-96; 14-IX-96] |
| 7804 <i>Sphinx libocedrus</i> Henry Edwards {CCSP} (JBL) [30-VIII-96] | 7894 <i>Hyles lineata</i> (Fabricius) {CCSP} (JBL) [3,30,31-VIII-96; 5-X-97] |
| 7812 <i>Sphinx drupiferarum</i> J.E. Smith {CCSP} (EK&CB) [10,11-V-96] | |
| 7821 <i>Smerinthus jamaicensis</i> (Drury) {CCSP} (EK&CB) [10,11-V-96]; (JBL) [28-VII-96, 1-IX-97] | |

ACKNOWLEDGMENTS

The author thanks David H. Riskind, Director of the Natural Resources Program, Texas Parks and Wildlife Department, for his approval of these studies. Collecting in Caprock Canyons State Park was allowed under permit no. 22-96 issued to the author by the Texas Parks and Wildlife Department.

REFERENCES

- 1.) Caprock Canyons State Park, Texas State Publications Clearinghouse, PWD-BR-P4501-3/92.
- 2.) E. Knudsen and C. Bordelon, State Coordinator Reports, Southern Lepidopterists' News, vol. 18 #2, p. 13 (1996).
- 3.) Check List of the Lepidoptera of America North of Mexico. R.W. Hodges, T. Dominick, D.R. Davis, D.C. Ferguson, J.G. Franclemont, E.G. Munroe, and J.A. Powell, E.W. Classey Limited & The Wedge Entomological Research Foundation, London (1983).
- 4.) R.W. Hodges, The Moths of America North of Mexico, Fascicle 21 Sphingoidea, E.W. Classey Limited and R.B.D. Publications, Inc., London (1971)

(Editors note: Due to an error by the printing company, six species were omitted from the article. It is the Editors decision to reprint the article in it's entirety.)

LATE SUMMER FIELD MEETING IN THE TEXAS PANHANDLE AUGUST 21/22 & 23, 1998

A late summer/fall field meeting will be held the weekend of 21/22 & 23 August 1998 at Caprock Canyons State Park in the Texas Panhandle and will be hosted by Barry Lombardini. A collecting/special use permit for the park has been granted to the Southern Lepidopterists' Society for this meeting. Butterfly species on the wing will be limited to late summer species, including several nice *Amblyscirtes*. However, with over 40 species of *Schinia* and almost as many species of *Arctiid*, and the dark of the moon, this will be a moth collectors weekend.

This meeting will be an adventure. Caprock Canyons State Park is located in Briscoe County in the panhandle near the town of Quitaque. With the exception of a Bed-n-Breakfast east of Quitaque (see below), there is little in the way of accommodations close to the park. (Cont. on Pg. 4)

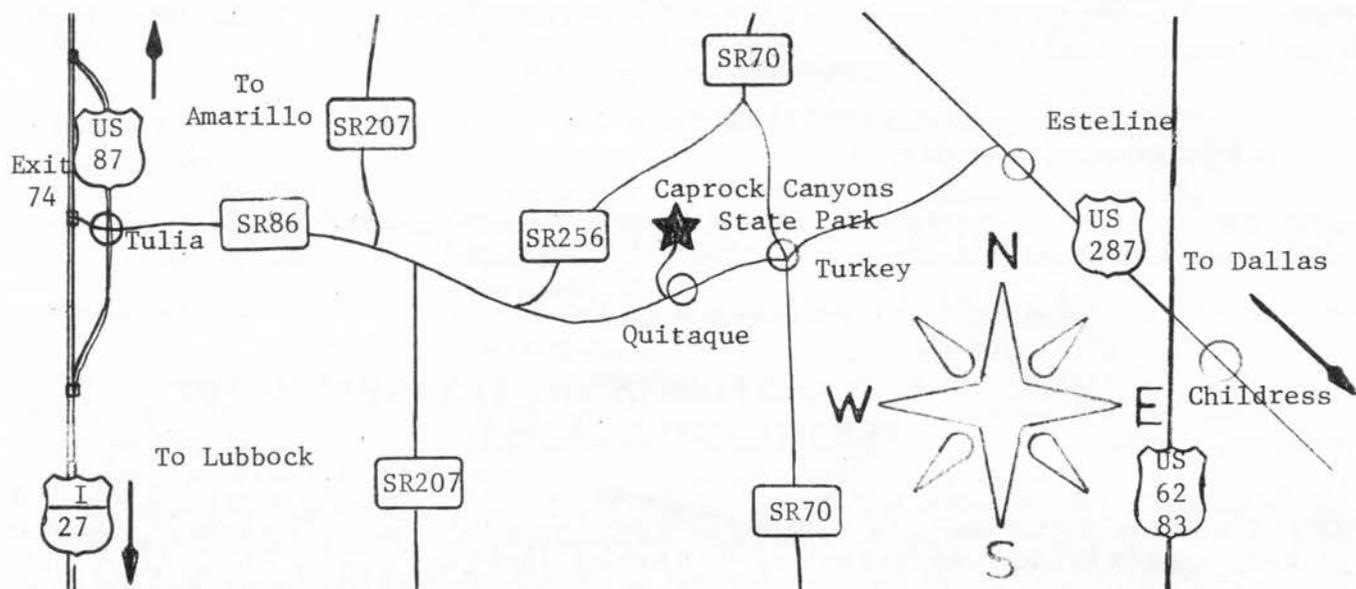
However, we have reserved the Bunk House and four camp sites in the camping area. The Bunk House has six bunk beds that can sleep 12 people and there is room on the floor for another twenty or more, providing they bring an air mattress or pad. The Bunk House is air conditioned and has two bath rooms, but only one has a shower. There is a stove and cooking utensils and limited plates, forks, spoons, etc. You will need to bring sleeping bag or bedding, pillow, towels, wash cloths, and plastic cups. The small (very small) town of Quitaque is three miles from the park but has limited services. To resolve the need for travel for meals, the Southern Lepidopterists' Society and Barry Lombardini will provide the evening meals on Friday and Saturday and breakfast on Saturday and Sunday. Due to the remote location, all attendees may need to lend a hand when it comes to meals. If you require additional nourishment, you will need to bring it with you. We suggest that all attendees bring plenty of fluids to drink as the Texas Panhandle can be very hot and very dry at this time of the year. The cost per person to stay at the Bunk House, including meals, is \$10.00 per night.

For those who require more basic comforts and privacy, there is a bed & breakfast, several gas stations/convenience stores, two small local restaurants (closed on Sunday's), and a TV repair shop (should your TV need repairing) in Quitaque. There are several larger communities with motels and restaurants within an hour and a half drive of the park. They are listed below.

If you are planning on attending the meeting, you must notify Barry Lombardini by 15 August 1998. This will enable us to plan for meals, collecting activities, collecting equipment and transportation. Please send your payment in advance as confirmation. If you plan on camping you must contact Barry Lombardini by 15 June 1998. We have only reserved four camp sites. This is the height of the summer season and there is only a small number of camp sites at the park, we can reserve additional sites, however, we must do so early, but we may still be unable to reserve additional site by 15 June 1998. Contact Barry at: Barry Lombardini, 3507 41st Street, Lubbock, TX 79413; Home Phone: 806-795-4981; Office Phone: 806-743-2425

This should be an exciting meeting, the remoteness of the park, limited facilities and a number of enthusiastic Lepidopterists', an excellent collecting window (dark of the moon.), and some great fellowship will make this a meeting to remember.

DIRECTIONS TO CAPROCK CANYONS STATE PARK



From Dallas follow US 287 to Esteline, just north of Esteline, turn left on SR86, follow SR 86 west approximately 30 miles through Turkey to Quitaque. Turn right at sign to Caprock Canyons State Park in Quitaque. Park is 3 miles north of Quitaque. From Interstate 27; Exit 74 at SR 86 to Tulia. Continue approximately 43 miles east on SR86 to Quitaque. Turn left at sign in Quitaque to Caprock Canyons State Park. Park is 3 miles north of Quitaque. Look for Southern Lepidopterists Logo signs to park and to the Bunk House. Ask for directions to the Bunk House at the park Entrance.

MOTELS WITHIN TWO HOURS DRIVE OF CAPROCK CANYONS STATE PARK

Quitaque, Texas: Approximately 10 minutes south of Caprock Canyons State Park.

Quitaque Quail Lodge, 2 miles east of Quitaque on SR86.
1 or 2 Persons...\$70.00 to \$90.00
Telephone 806-455-1261

Childress, Texas: Approximately one hour east of Caprock Canyons State Park.

Best Western, 1.5 Mi. W. on US 287, 1805 Ave. F NW.
1 person.....\$49.00 Telephone: 817-937-6353
2 persons....\$52.00 Toll Free : 800-528-1234

Comfort Inn, 1.5 Mi. W. on US 287, 1804 Ave F NW.
1 person.....\$45.00 Telephone: 817-937-6363
2 person.....\$54.00 Toll Free : 800-228-5150

Econo Lodge, 1.3 Mi. W. on US 287, 1612 Ave F NW.
1 person.....\$38.00 Telephone: 817-937-3695
2 persons....\$42.00 Toll Free : 800-446-6900

Canyon, Texas: Approximately 1 hour & 15 min. northwest of Caprock Canyon State Park

Buffalo Inn, on US 87, 300 23rd Street.
1 person.....\$42.00 Telephone: 806-655-2124
2 persons....\$44.00

Clarendon, Texas: Approximately one hour north of Caprock Canyon State Park

Western Skies Motel, ½ Mi. NW on US 287 & SR 70
1 person.....\$35.00 Telephone: 806-874-3501
2 persons....\$39.00

Memphis, Texas: Approximately 1 hour & 15 min. north east of Caprock Canyons State Park

Best Western De Ville Motel, ½ Mi. NW on US 287.
1 person.....\$36.00 Telephone: 806-259-3583
2 persons....\$46.00 Toll Free : 800-528-1234

Plainview, Texas: Approximately 1 hour & 30 min. south west of Caprock Canyons State Park

Best Western Conestoga Inn, just south of US 70, on east access road to I-27, Exit 49
1 person.....\$50.00 Telephone: 806-293-9454
2 persons....\$58.00 Toll Free : 800-528-1234

Holiday Inn Express, on US 70 at Jct. of I-27 & US 87, Exit 49

1 person.....\$43.00 Telephone: 806-293-4181
2 persons....\$68.00 Toll Free : 800-465-4329

20th ANNUAL MEETING OF THE SOUTHERN LEPIDOPTERISTS' SOCIETY OCTOBER 3 & 4, 1998 IN GAINESVILLE, FLORIDA

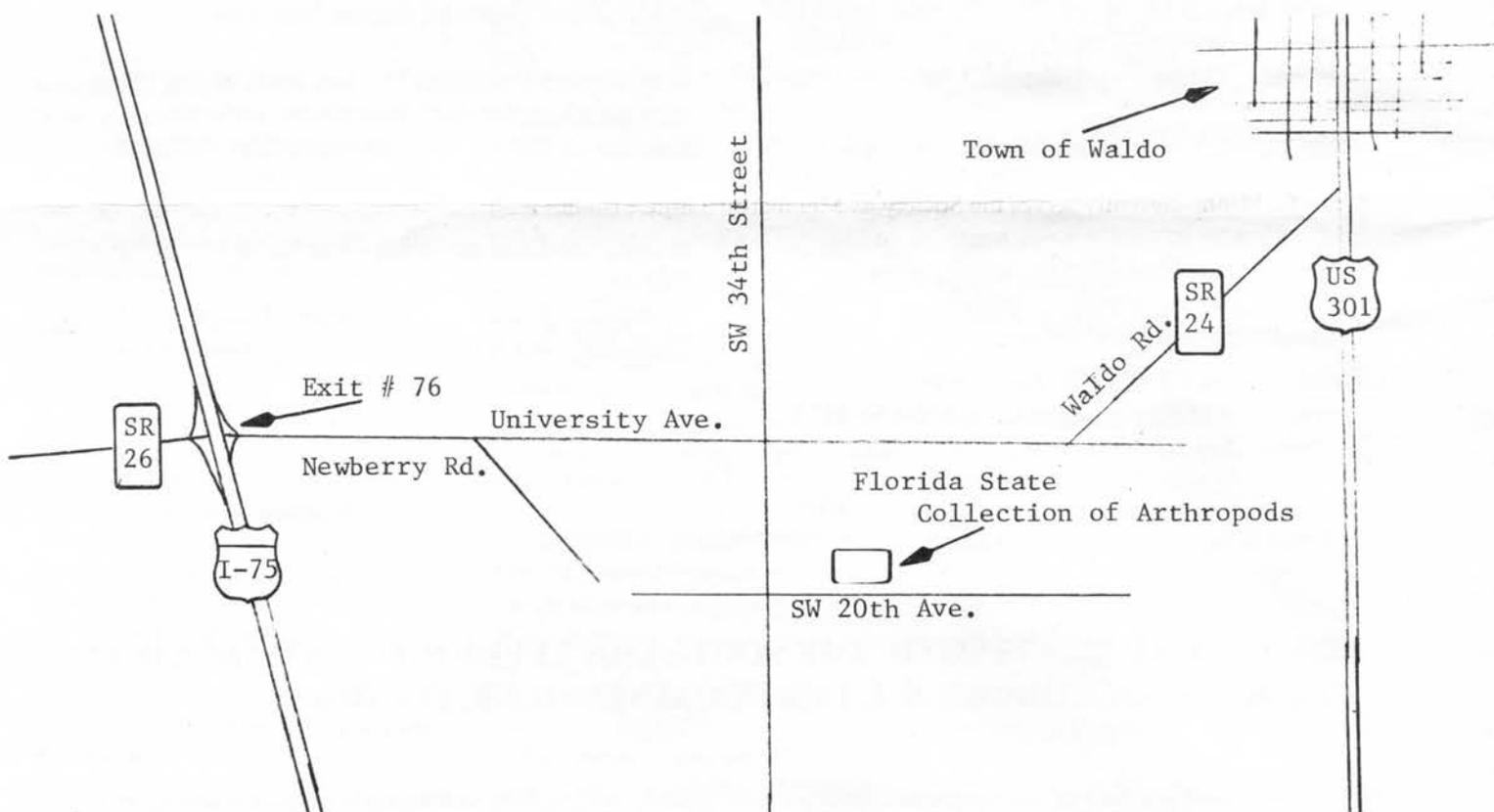
The 1998 Annual Meeting of the Southern Lepidopterists' Society will be held in the Doyle Conner Auditorium at the Division of Plant Industry, Gainesville, Florida (see map). As always, the meeting provides an excellent opportunity to get together and share information, field experiences, and personal research projects. This is our 20th year as an organization and we are looking forward to a very successful meeting. The keynote speaker will be Dr. Paul A. Opler, author of numerous publications on the Lepidoptera of North America, including the books "Butterflies East of the Great Plains (1984) and "A Field Guide to Eastern Butterflies" (1992). His presentation promises to be fascinating. Several special activities also are being planned to celebrate our 20th anniversary. There will be a business meeting with election of officers and officers' reports. Locations for future field trips also will be discussed. In addition, we will be presenting the 1998 Abbot Award. Following the meeting, we will enjoy a dinner banquet at a local restaurant. Field trips to nearby Florida localities are being organized for Sunday. (Cont. on Pg. 6)

Once again, we will be dedicating the meeting to an important lepidopterist who greatly contributed to our knowledge of the Lepidoptera of the state hosting the meeting. This year, we honor Dr. William Wittfeld of "Indian River, Florida" (Georgiana, Brevard Co.). From 1880-1892, Wittfeld supplied thousands of Lepidoptera specimens to William H. Edwards who retained the majority of the butterflies, forwarding most of the moths to Henry Edwards. As a result, "Indian River, Florida" serves as a vague type locality for a myriad of taxa described by these and other prominent lepidopterists. John Calhoun will present a short biographical sketch of Wittfeld and all those in attendance will receive a copy of a published paper about Wittfeld.

The Florida State Collection of Arthropods will be open for viewing Saturday morning. It is extensive and contains large series of most species recorded in the southeastern United States. This offers a great opportunity to identify specimens you may have, or just peruse this excellent collection.

We are still finalizing the meeting agenda. If you are interested in presenting a paper or short talk, please contact John Calhoun (977 Wicks Dr., Palm Harbor, FL 34684; home telephone, 813-785-0715; e-mail, bretcal@gte.net) prior to 1 August 1998. This promises to be a great meeting. Plan now to attend!!

MAP & DIRECTIONS TO THE FLORIDA STATE COLLECTION OF ARTHROPODS (FSCA)



From US 301 turn west on Waldo Rd./S.R. 24 to Gainesville. From Waldo Rd. turn right on University Ave. Follow University Ave. to SW 34th Street. Turn left on SW 34th Street and go south to traffic light at SW 20th Ave. And turn left into FSCA parking lot.

From I-75 use Exit #76 to Newberry Rd., east on Newberry Rd. To University Ave.. East on University Ave. to SW 34th Street. Turn right on SW 34th Street and go south to traffic light at SW 20th Ave. Turn left into FSCA parking lot. Watch for Southern Lepidopterists' logo signs to guide you.

1998 ABBOT AWARD CANDIDATES

The Abbot Award will again be presented at the 1998 Annual Meeting of the Southern Lepidopterists' Society. According to our constitution, "the board will submit a ballot containing the name or names of at least one, but not more than three, eligible recipients to the members with the announcement of the annual meeting. The candidate receiving the largest number of votes by return of this ballot to the Secretary will be the recipient." The John Abbot Award is presented no more than once a year to any individual who has demonstrated excellent service to the Southern Lepidopterists' Society and/or is recognized for outstanding contributions towards our understanding of the Lepidoptera fauna of the southern United States. The candidates need not be members of the Society.

Past recipients of the John Abbot Award are Charles P. Kimball (1981), Charles V. Covell, Jr. (1982), Bryant Mather (1983), Roy O. Kendal (1984), Andre Blanchard (1985), Ed Knudson (1986), Dale H. Habeck (1987), J. Richard Heitzman (1988), Thomas C. Emmel (1990), Howard V. Weems (1991), Douglas C. Ferguson (1992), and John B. Heppner (1997). Please take the time to submit your vote and recognize the hard work of another worthy Lepidopterist.

This years' candidates are:

James K. Adams has published a number of papers on the Lepidoptera of North America and provides much support to the Southern Lepidopterists' Society, including hosting field trips. His interests include Arctiidae, Lycaenidae, Limacodidae, Noctuidae, Sphingidae, insect defenses, Neotropical Lepidoptera, and biodiversity conservation in the Neotropics.

Marc C. Minno currently serves the Society as Member-at-Large. He has authored and co-authored numerous papers on the Lepidoptera of the southeast, including the book "Butterflies of the Florida Keys." His interests include Hesperidae, ecology, life history, and conservation.

Jeffrey R. Sloten, D.D.S. continues to serve the organization as Treasurer. His knowledge of the Lepidoptera of the southeast is extensive and he has authored and co-authored several papers on the subject. His interests include Hesperidae, Satuniidae, Sphingidae, Catocala, and Schinia.

Enclosed in this newsletter is your Abbot Award Ballot. Please take the time to vote for the candidate of your choice. The ballot can be folded with the Secretary's address to the outside, staple or tape securely, apply postage and mail. Or put your ballot in an envelope and mail to the Secretary.

Please send ballots to the Secretary:

Bill Russell, 772 Yorkshire Rd. NE, Atlanta, GA 30306

ANNUAL DUES TO REMAIN AT \$12.00

There has been some discussion as to how dues were increased from \$10.00 in 1993 to \$12.00 in 1994. Several members have declined to pay the increase. The officers support the increase regardless of how it was accomplished and suggest that those who are opposed to the increase present their opinions at the business session of the Annual Meeting in Gainesville, Florida this October. Until there is a vote to change the dues, they will remain at \$12.00.

We need the support of all the members. The officers are committed to moving the Society forward. We have lost a large portion of our membership and are committed to making the Society grow and become a viable and respected organization. This is your Society; voice your opinion in the Newsletter or at the Annual Meeting.

NEWSLETTER UP-DATE

I am sorry for the delay in getting the Newsletter out to you. The delay was caused by my relocation to Florida. In mid-March, my wife and I left Mississippi to move to Florida. Although the move was planned, the actual date was moved up several weeks. As a result, I lost several weeks just getting settled in and by the time I completed the Newsletter, it was 30 April 1998. I also wanted to utilize columns beginning with Vol. 20, No. 1. However, due to the time constraints caused by the move, I was unable to do so. As a result, I will not change the format until Vol. 21.

The season is upon us and many of you are in the field. Remember to keep the state coordinators 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 state coordinator hear from you.

We need to hear from you. Your views and opinions on our science and organization are important. Guest editorials are welcome. Vol. 20, No. 2 is the next Newsletter prior to the annual meeting. It will contain the additional annual meeting information. This is the society's 20 year anniversary and this will be a special meeting. Please plan to attend the annual meeting in Gainesville, Florida.

The newsletter deadlines for the remainder of Vol. 20 are as follows: No. 2: 30 June 1998, No. 3: 15 September 1998, and No. 4: 15 December 1998. I will keep the deadline dates. The newsletter will be on time.

1997 TREASURER REPORT

Bank Balance as of 1 January 1997.....\$2607.39

Expenses:

- A) Miscellaneous postage.....\$96.09
- B) Postage (Newsletter).....\$349.51
- C) Telephone.....\$63.23
- D) Meeting expenses.....\$317.06
- E) Printing newsletters.....\$2042.11
- F) Stationary.....\$101.64
- G) Awards.....\$182.85

Total expenses for 1997.....\$3152.49

Total income for 1997.....\$1657.00

Bank balance as of 1 January 1998.....\$1299.90

Revenues:

- A) Membership dues.....\$1657.00
- B) Individual Contributions.....\$162.00
- C) Annual meeting donations.....\$26.00

Individual contributions:

Howard Grisham Jack R. Jones
 Leroy C. Koehn Paul Milner
 Ben Williams Ben Zeigler

Any questions or corrections to the report, contact:

Jeffrey Slotten
 5421 N.W. 69th Lane
 Gainesville, FL 32653
 Telephone: (352) 338-0721

STATE COORDINATOR REPORT

ALABAMA: C. Howard Grisham, 573 Ohatchee Road, Huntsville, AL 35811;

(Editors Note): Howard Grisham is now the State Coordinator for Alabama. Howard is a very active Lepidopterist and has been contributing information for Alabama for the past year. Please send Howard your reports and activities for Alabama. A Bio-sketch will appear in the next newsletter.

Records are from Howard Grisham; all are from the Bingham Mtn. Area (just W of Hollytree), Jackson Co. ("Jackson"), or the Maysville/Berry Mtn. area, Madison Co ("Madison"). The following list contains species of interest (range extensions, uncommon species, etc.), with likely State records in bold.

SESSIIDAE: Vitacea scepisiformis, 1 viii. 1996, Madison. COSSIDAE: Prionoxystus macmurtrei, 24 iii. 1997, Madison. LIMACODIDAE: Packardia geminata, 14 v. 1997, Jackson; Adoneta bicaudata, 25 vii. 1997, Jackson. PYRALIDAE: **Metrea ostreonalis** (2), pictured in MONA fascicle 13.1, and indicated as occurring in the extreme NE U.S. and SE Canada, both specimens 25 vii. 1997, Jackson. TYRIDIDAE: Dysodia oclatana, 17 vi. 1997, Madison. GEOMETRIDAE: Selenia kentaria, 19-26 iii. 1997, Madison and Jackson; Anagoga occiduaria, 11 iv. 1997, Jackson; **Plagodis kuetzingi**, 11 iv. and 11 vii. 1997, Jackson. NOTODONTIDAE: Gluphisia septentrionis, 27 vi. 1997, Madison. ARCTIIDAE: Lycomorpha pholus, 8-13 ix. 1997, Jackson; Hypoprepia miniata, 27 ix. 1997 (late date?), Madison; Eurythra phasma, 12 iv. 1997 (Madison) and 17 iv. 1997 (Jackson); **Grammia oithona**, 8 ix. 1996 and 12 ix. 1997, Madison. NOCTUIDAE: **Zanclognatha atrilineela**, 13 vi. 1997, Jackson; Catocala serena, 1 viii. 1997, Jackson; C. judith, 27 vi. and 3 vii. 1997, Jackson; C. amestris, 11 vii. 1997, Jackson; **Eosphropteryx thyatyroides**, many specimens with an extended flight from 20 vi. into ix., 1997, Jackson; **Papaipema polynnica** and **P. rutila**, 13 ix. 1997, Jackson; P. marginidens, 22 x. 1996, Jackson; Euplexia benesimilis, 27 vi. 1997, Jackson; Lithophane bethunei, 8 iii. 1997, Madison; L. querquera, 20 iii. 1997 (Madison) and 3 iv. 1997 (Jackson); L. antennata, 28 xi. 1997, Jackson; L. grotei, 24 xii. 1997 and 2 i. 1998, Jackson; L. lemmeri, 29 xi. 1997, Jackson; Pyreferra pettiti, 29 xi. 1997, Jackson; Eupsilia morrisoni, 6 xi. 1997, Jackson; Schinia thoreau, 15 viii. 1997, Jackson.

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

On 15-16 March, John Calhoun visited the Florida Panhandle. The season was slightly advanced, although the extremely cold weather experienced the prior week (nighttime temperatures into the mid-20's with wind chills dipping into the teens) seemed to have delayed some species. A few blooming trees, such as redbud, were dropping flowers as a result of the cold weather. During the trip, the weather was perfect with sunny skies and temperatures in the low 70's. Twenty-six species were observed, including the following: Megathymus yuccae, single male, near Marianna, Jackson County; Erynnis brizo brizo, two fresh males, near Bloxham, Leon County; Erynnis zarucco (small spring form, easily mistaken for Erynnis baptisiae), near Marianna, Jackson County; a single Feniseca tarquinius was believed to have been seen near Marianna, Jackson County; Mitoura grynea grynea, single worn female, near Marianna, Jackson County; Incisalia henrici margaretae, single adult near Sanborn, Wakulla County; Celastrina neglecta, single fresh male visiting bird droppings along a wooded trail near Marianna, Jackson County; Nymphalis antiopa, single worn male at Whitehead Lake, along the Ochlochonee River, Liberty County—this is the same location where he found a male in March of 1997.

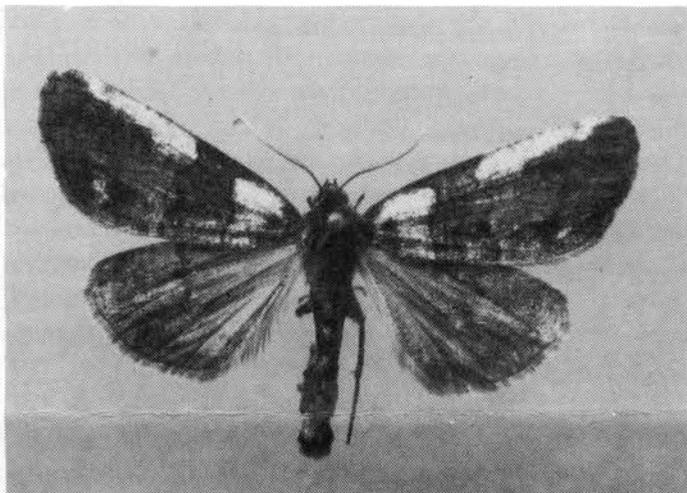
Another search by John for the elusive Falcapica midea proved unsuccessful. This species is extremely rare in Florida where only four specimens have been found, all within the last twenty years, along the Ochlochonee River in Wakulla and Liberty Counties. The last specimen was taken a couple of years ago by Kilian Roever of Arizona. Several areas explored by John appear appropriate, but no adults or early stages were located. Another year perhaps!

On 28 March 1998, Jeffrey Sloten and Leroy Koehn visited Lake DeLancy area of the Ocala National Forest in Putnam County and found Incisalia nippon, Erynnis juvenalis, and Erynnis brizo.

On 7 March 1998, Leroy Koehn visited several slash pine areas near Homestead and Florida City in Dade County and found Strymon acis bartrami, Ephyriades brunea floridensis, and Anaea floridalis. He also took the following moths at UV lights: Syntomeida ipomoeae, Lymire edwardsii, Pygarctia abdominalis, Seirarctia echo, and Cautethia grotei.

GEORGIA: James K. Adams, 1702 Crow Valley Rd. #704, Dalton, GA 30720

Records are from James Adams or Irving Finkelstein (IF), and represent additional unusual records (range extensions, unusual dates, uncommon species, etc.). Records are from the Dalton/Rocky Face, Whitfield County area unless otherwise specified. "Car." represents Carbondale, at I-75 exit 134, Whitfield Co.; "Mur." represents the Murray/Whitfield Co. line, nr. the Conasauga river, on Hwy. 76.



Ceratonyx satanaria ♂

LYCAENIDAE: Glaucopsyche lygdamus, 27 ii. 1998; Leptotes cassius theonus, 29 ix. 1997, Atlanta (425 Springdale NE, [Irving Finkelstein's house]), IF, northern stray. NOCTUIDAE: Eupsilia tristigmata (second Georgia record), 28 i. 1998 (at bait); Lithophane lemmeri (2 at Car.), 16 xii. and 31 xii. 1997; L. baileyi (2), 5 i. (at bait) and 27 ii. 1998; L. bethunei (several), 25-28 ii. 1998; L. patefacta, 27 ii. 1998; L. signosa, 27 ii. 1998; Pyreferra pettiti, 27 ii. 1998; first Feralia major this year recorded 4 i. 1998; Orthosia garmani (several) 26-28 ii. 1998. Cerastis tenebrifera, 5 iii. 1998 (Car.). NOTODONTIDAE: Symmerista albifrons, 5 iii. 1998 (Car.). GEOMETRIDAE: Ceratonyx satanaria, 27 ii. (2; one at Mur.), 4 iii and 5 iii. (Car.) 1998; Nacophora quernaria, 27 ii. 1998 (East Dalton); Paleacrita merriccata (likely the 2nd Georgia record); 27 ii. 1998.

LOUISIANA: Vernon Brou, 74320 Jack Loyd Rd., Abita Springs, LA 70420

Vernon Brou reported a new state record, Lithophane quequera from St. Tammy Parish. This brings the total species of Lithophane from Vernon's yard to 9 when considering that the genus was unknown from Louisiana previously.

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

Bryant Mather reported a new state record; Acleris semiannila (Robinson), Warren County, Bovina 30 Dec 1971. Det. Michael Sabourin.

Leroy C. Koehn reported finding tents of Megathymus yuccae on a small creek that drained into the Black Bear Creek in Tishomingo County and along Sandy Creek drainage into the Talahatchee River in Talahatchee County in late February.

Leroy C. Koehn reported finding fresh individuals of Zerene cesonia in his yard on several warm days in January (3, 9, & 16). He also collected several Polygonia comma and Nymphalis antiopa in bait traps in his yard on 5 February 1998.

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

I recently received a copy of the paper "The Butterflies of Roanoke and Montgomery Counties, Virginia" by Carroll E. Wood, Jr., and Carl W. Gottschalk, dated 1942, published in Entomological News. This paper contains detailed collection data for many species recorded in that area at that time, namely from the city of Salem and immediate surrounding environs. Paul Opler's original Eastern Butterfly Atlas contained Roanoke county records derived from "The Butterflies of Virginia" by Austin H. Clark and Leila F. Clark, dated 1951. However, the Clarks designated all of the Wood & Gottschalk records from the city of Salem as being in "Roanoke County", which surrounds Salem. Thus, all city records have been designated as Roanoke County records to the present day. Since the city now has status equal to Virginia counties, I have extracted all Salem records to be mapped accordingly on the Virginia Atlas. Interestingly, no records were removed from Roanoke County. A summary list of all Salem city records follows: Epargrveus clarus, Achalarus lyciades, Thorybes bathyllus, Thorybes pylades, Erynnis icelus, Erynnis brizo, Erynnis horatius, Erynnis martialis, Pyrgus centaureae, Pyrgus communis, Pholisora catullus, Nastra lherminier, Lerema accius, Ancyloxypha numitor, Hylephila phyleus, Hesperia metea, Hesperia sassacus, Polites peckius, Polites themistocles, Polites origenes, Polites mystic, Atalopedes campestris, Atrytone logan, Poanes hobomok, Poanes zabulon, Euphyes ruricola, Atrytonopsis hianna, Amblyscirtes hegon, Amblyscirtes vialis, Battus philenor, Eurytides marcellus, Papilio polyxenes, Heraclides crespontes, Pterourus glaucus, Pterourus troilus, Pontia protodice, Artogeia rapae, Falcapica midea, Colias philodice, Colias eurytheme, Phoebis sennae, Phoebis philea, Eurema diara, Pyrisitia lisa, Abaeis nicippe, Feniseca tarquinius, Lycaena phlaeas, Calycopis cecrops, Mitoura grynea, Incisalia augustinus, Incisalia irus, Incisalia henrici, Incisalia nippon, Parrhasius m-album, Strymon melinus, Everes comyntas, Celastrina neglecta (derived from dates), Glaucopsyche lygdamus, Euptoieta claudia, Speyeria cybele, Speyeria aphrodite, Speyeria idalia, Phyciodes tharos, Euphydryas phaeton, Polygona interrogationis, Polygona comma, Nymphalis antiopa, Vanessa virginiensis, Vanessa cardui, Vanessa atalanta, Junonia coenia, Basilarchia a. astyanax, Basilarchia archippus, Asterocampa celtis, Megisto cymela ("type-I" spring taxon), Ccercyonis pegala.

LIST OF MEMBERS

The Southern Lepidopterists' Society publishes a **List of Members** each year. The list is in alphabetical order and includes all current members as of 31 December 1998. On that date there were 130 members. The use of this list by members is encouraged. Report changes of address, interest, telephone numbers, and typographical errors to the Treasurer, Jeffrey Slotten, 5421 NW 69th Lane, Gainesville, Florida, 32653.

James K. Adams
1702 Crow Valley RD. #704
Dalton, GA 30720
Home phone: (706) 278-6255
Office phone: (706) 272-4427
Arctiidae, insect defenses, neotropical
Lepidoptera; esp. Lycaenidae,
Limaconidae, Noctuidae, and
Sphingidae. Biodiversity conservation
in the Neotropics.

R. A. Anderson
836 Amelia Ct. NE
St. Petersburg, FL 33702
Home phone: (813) 525-0785
Roph., esp. Theclinae, Hesperioidea;
coll., exch.

Richard T. Arbogast
2008 SW 76th Terrace
Gainesville, FL 32607-3479
Home phone: (352) 331-4767
Office phone: (352) 374-5719

Linda B. Auld
Barber Laboratories
1900 S. Carrollton Ave.
New Orleans, LA 70118
Home phone: (504) 861-4448
Raising butterflies and moths

George Balogh
6275 Liteolier
Portage, MI 49024
Home phone: (616)323-1432
E-Mail Address: bugdr@net-link.net
Pyralidae; Geometridae; General interest
in Lepidoptera incl.
Micro-Lepidoptera; Great Lakes Region
Fauna.

Robert L. Beiriger
4068A Palm Bay Circle
West Palm Beach, FL 33406
Home phone: (561) 640-4860
Lep: coll., rear; beetles: coll.; insect
photography, life histories.

Bob Belmont
P.O. Box 2626
Naples, FL 34106
Home phone: (941)-455-9225
Office phone (941)-643-2828
E-Mail belmont @ naplesnet.com
Geometridae of America North of Mexico.

Renee Bielecki
10755 SW 34th Street
Miami, FL 33165
Home phone: (305) 226-0774
E-Mail: BFLYNMIAMI@AOL.COM
Butterfly gardening, photography, interested in increasing our knowledge on butterfly rearing and farming and larval plants. I am turning my hobby into a business.

Frank R. Bodnar
1201 Ridge Road
Apollo, PA 15613
Home phone: (412) 478-3824
Rearing, exch., ova, pupa

Richard Boscoe
150 Ridge Pike # A101
Lafayette Hill, PA 19444
Home phone (610) 828-0788
Butterflies and skippers; rearing and life histories.

Byron H. Bratlie
9705 Lake Bess Rd.
Winter Haven, FL 33884

Vernon Brou
74320 Jack Loyd Rd.
Abita Springs, LA 70420
Home phone: (504) 892-8732
Office phone: (800)-999-5979 ext 6537
Insects of Louisiana, esp. Lepidoptera; design and use of collecting devices

Richard L. Brown
Mississippi Entomological Museum
Box 9775
Mississippi State University, MS 39762
Home phone: (601) 323-8965
Office phone (601) 325-2085
Moths of SE US. esp. Tortricidae.

Robert S. Brown
19940 Adams Rd.
Fort Myers, FL 33908

Robert S. Bryant, Editor
Maryland Entomologist
522 Old Orchard Rd.
Baltimore, MD 21229-2410
Maryland Moth Survey.

John V. Calhoun
977 Wicks Drive
Palm Harbor, FL 34684-4656
Home phone: (813) 785-0715
Office phone: (813) 556-6168
E-MAIL: bretcal@gte.net
Butterfly and skipper distribution in Florida; ecology; biogeography, history of entomology.

Dale Clark
10142 Estacado Drive
Dallas, TX 75228
Home phone: (214) 320-9066

Ray Coyle
1604 Jacquelyn Way
Modesto, CA 95355

William S. Cummins
Apt M-132 4311 Bayou Blvd
Pensacola, FL 32503
Home phone: (904) 969-1897

Kevin J. Cunningham
3204 E. Park Ave. #195
Houma, LA 70363-3738
Home phone: (504) 876-2759
Office phone: (504) 879-2495
Butterflies, Saturniidae, Sphingidae, Catocala of the Gulf Coast states; hybrids, gynandromorphs, color variants, forms.

Harry N. Darrow
62900 Overseas Hwy., Unit 24
Marathon, FL 33050
Home phone: (305) 743-7096
Photography

Mark Deering
2455 N. Aurelius Rd. Apt. G1
Holt, MI 48842
Home phone: (517) 694-7477
Office phone: (517) 353-3159
Collecting (Papilionidae esp.), photography, trade, ecology, mate choice behavior, buy, sell. Butterfly house management and permit requirement. Mate preferences and predation within Batesian Systems.

Joseph F. Doyle III
13310 Bar C DR.
San Antonio, TX 78253
Home phone: (210) 679-7413
Lep. of Texas, esp. Limenitis, Lycaenidae, Hesperidae, Sphingidae; life history, collect.

Boyce A. Drummond
Natural Perspective
1762 Upper Twin Rock Road
Florissant, CO 8016-9256
Home phone: (719) 748-3663
Office phone: (719) 689-9270
Reproductive biology, behavior, & life History, Evolution of butterflies.

Douglas C. Ferguson
807 Copley Lane
Silver Springs, MD 20904
Office phone: (202) 382-1777
FAX: (202) 786-9422
North American Geometridae, Arctiidae; Systematics, biogeography, rearing, photography(larvae)

Dr. Thomas C. Emmel
Dept. of Zoology
University of Florida
Gainesville, FL 32611
Home phone: (352) 377-6300
Office phone: (352) 392-5894

John Filiatrault
4608 Fabric Street
Laval, Quebec, H7C1C8
CANADA

Irving L. Finkelstein
425 Springdale Dr. NE
Atlanta, GA 30305-3816
Home phone: (404) 237-0694
Roph., Nearctic & Neotropical, esp. Papilionidae & Lycaenidae; Collecting, rearing, exchanging

Hermann Flaschka
2318 Hunting Valley DR.
Decatur, GA 30033
Home phone: (404) 636-4289
Sesiidae.

Hugh Avery Freeman
1605 Lewis Dr.
Garland, TX 75041-4229
Home phone: (214) 278-4914
Hesperoidea, taxonomy and distribution of Megathymidae and Hesperidae

Ron Gattelle
126 Wells Rd.
Goose Creek, SC 29445
Home phone: (803) 553-8817

Lep., esp. Hesperidae, Lycaenidae,
Satyridae; taxonomy, collect, exch.,
correspondence welcome.

Richard Gillmore
2255 College Drive
Lake Havasu City, AZ 86403
Home phone: (520) 680-9015

Jeffrey Glassberg
4 Delaware Rd.
Morristown, NJ 07960
Home phone: (201) 285-0890
Field Identification, Distribution,
Conservation.

Zane B. Greathouse
Star Route Box 1120
Earleton, FL 32631
Home phone: (352) 377-3396
Office phone: (352) 475-2088

C. Howard Grisham
573 Ohatchee Road
Huntsville, AL 35811
Home phone: (205) 776-9534
Office phone: (205) 837-5100
Collecting lepidoptera

Stephen P. Hall
North Carolina Natural Heritage
Program
Division of Parks and Recreation
P.O. Box 27687
Raleigh, NC 27611-7687

Donald G. Harrington
Adjunct Curator
Heard Natural Science Museum &
Wildlife Sanctuary
One Nature Place
McKinney, TX 75069-8840
Home phone: (214) 562-5566
FAX (214) 548-9119
Curation of collections. Arthropods of
Tall Grass Prairies. Roph. and especially
Hesperidae.

John B. Heppner
Florida State Collection of Arthropods
PO Box 147100
Gainesville, Florida 32614-7100
Office phone: (352) 372-3505
Micros.

Harvey Hertz
P.O. Box 13123
St. Petersburg, FL 33733

Ronald F. Hirzel, Jr.
2176 Shelby Street
Columbus, GA 31903-3323

The Natural History Museum
(No. 2 A/C) Cromwell Rd.
London, SW7 5BD ENGLAND

Larry Hollister
5725 SE 165th Court
Ocklawaha, FL 32179
Home phone: (352) 625-6157
Office phone: (352) 873-5295

Robert C. Hollister
1500 S.E. 24th Rd.
Ocala, FL 34471-6006
Home phone: (352) 622-7298

Dr. John Holyday
5407 N. Oketo Avenue
Chicago, IL 60656-1746
Home phone: (773) 774-8387
Lepid.: esp. Sesiidae and other diurnal
moths; attraction to pheromones,
experiments with traps involving
sesiidae.

John Hyatt
439 Forest Hills Dr.
Kingsport, TN 37663-2200
Home phone: (423) 239-6924
FAX (423) 229-4558
Lycaenidae, Colias, distribution

Peter Hubbell
Rt. 8, Box 346
Huntsville, TX 77340

David C. Iftner
8 Alpine Trail
Sparta, NJ 07871
Home phone: (201) 729-1350
Rhop. of NJ & their life histories,
habitats, nectar sources, distribution;
also prairie & wetland spp., esp.
Hesperidae, Lycaenidae.

Tetsuya Imai
387 Forest Ave.
Paramus, NJ 07652
Home phone: (201) 634-9144

Dr. Michael L. Israel
421 East Shore Rd.
Great Neck, NY 11024-2128
Home phone: (516) 487-9538
Rhop., macro.; rearing, collect.

Jack R. Jones
304 Robinhood Road
Jackson, MS 39206
Home phone: (601) 366-6331
Moths (Saturnidae, Sphingidae,
Catocalina principally)

Joann Karges
2533 McCart
Fort Worth, TX 76110-2228
Home phone: (817) 923-8474
General entomology, concentrating on
Leps., plant-lep. relationships,
rearing-life histories, photography.

Roy O. Kendall
5598 Mt. McKinley Dr. NE
San Antonio, TX 78251-3626
Home phone: (210) 684-2518
Lep.; life history, parasites, predators,
distribution.

Harry King
875 South Jefferson
Mason, MI 48854
Home phone: (517) 676-3075
Special Interests: Life cycles, especially
Boloria and Speyeria. Also, bog species.

James C. Kirby, M.D.
749 Brightwaters Drive
White Stone, Virginia 22578
Home phone: (804) 435-0287

Ed Knudson
8517 Burkhardt
Houston, Texas 77055
Home phone: (713) 464-3529
Office phone: (713) 242-5800
Lepidoptera of Florida & Texas.

Leroy C. Koehn
6085 Wedgewood Village Circle
Lake Worth, FL 33463-7371
Home phone: (561) 966-1655
Lepidoptera; light trap manufacture,
correspondence welcome.

Tom W. Kral
6600 N. Galaxy Rd.
Tucson, AZ 85741
Rhop., macro., esp. Satyridae (esp. Lethe, Cyllopsis, Neonympha, Cercyonis), Apaturinae, Hesperioidea (esp. Megathymus and Agathymus), Catocala, Arctiidae; correspondence welcome.

Jeremy Kuhn
6202 Ashford Point Dr.
San Antonio, Texas 78240-5332
Home Phone: (210) 523-7387
Work Phone: (210) 208-2590

John S. Kutis
9783 SE HWY 441
Belleview, FL 32620
Home phone: (904) 245-2617

Harry E. Legrand, Jr.
331 Yadkin Dr.
Raleigh, NC 27609
Home phone: (919) 832-3202
Office phone (919) 715-8687
e-mail: Larry-legrand@mail.ehnr.state.nc.us
Lep. distribution and ecology, esp. North Carolina and the southeast

John B. Lombardini
3507 41st St.
Lubbock, TX 79413
Home phone: (806) 795-4981
Office phone: (806) 743-2425
FAX: 806-743-2744
Butterflies and moths; general.

Deborah & Terry Lott
P.O. Box 141034
Gainesville, FL 32614-1034
Home phone: (352) 481-1021
Debbie: Pterophoridae; systematics, life history, rearing. Terry: Pterophoridae; host plants.

Alvin Ludtke
6524 Stoneman Dr.
North Highlands, CA 95660
Home phone: (916) 344-1626
FAX: (916)-344-8478
E-Mail aludtke@earthlink.net
Riodinidae, Choreutidae, Central America esp. Honduras, California and Western U.S.A., trap design, collecting techniques.

Dr. Hal Mahan
The Compleat Naturalist
2 Biltmore Plaza
Asheville, NC 28803
Home phone: (704) 285-9470
Office phone: (704) 274-5430

Craig Marks
141 E. Pamela Drive
Lafayette, LA 70506
Home phone: (318) 989-9642
Office phone: (318) 237-4070
Collecting & gardening, primarily butterflies

Bryant Mather
213 Mt. Salus Dr.
Clinton, MS 39056-5007
Home phone: (601) 924-6360
Office phone: (601) 634-3264
E-mail: matherb@exl.wes.army.mil
Lep., all families, esp. of MS; coll., exch.

Michael L. McInnis
12388 Henderson Rd.
Clifton, VA 20124
Home phone: (703) 802-9446
Office phone: (703) 968-5411

Eric Metzler
1241 Kildale Sq. N.
Columbus, Ohio 43229-1306
Home phone: (614) 888-3642
E-Mail spruance@infinet.com
Noctuoidea, Cochylini, moths from prairie habitats.

Dr. Jacqueline Y. Miller
Allyn Museum of Entomology
Florida Museum of Natural History
3621 Bay Shore Rd.
Sarasota, FL 34234
Office phone: (941) 355-8475
FAX: (941) 355-8475
E-Mail j.miller@virtu.sar.usf.edu
Lepid. esp. Lycaenidae, Hesperidae, Nymphalidae, Castiniidae, Systematics, Biogeography, gardening

Dr. Lee D. Miller
Allyn Museum of Entomology
Florida Museum of Natural History
3621 Bay Shore Rd.
Sarasota, FL 34234
Office phone: (941) 355-8475
Systematics, biogeography of Lepidoptera, esp. Satyridae & Hesperidae.

Paul F. Milner
272 Skye Drive
Pisgah Forest, NC 28768
Home phone: (704) 877-5953
Butterflies, all groups, North and South America, Caribbean; coll., photography, rearing, also Sphingidae and Saturniidae.

Milwaukee Public Museum
Attn.: Library
800 W. Wells Street
Milwaukee, WI 53233
Telephone: (414) 278-2736

Marc C. Minno, Ph.D.
600 NW 35 Terr.
Gainesville, FL 32607
Home phone: (352) 375-3028
E-Mail afn10853@afn.org
Butterflies; Hesperidae; Life Histories; Photography; Butterfly Gardening.

Steve Mix
Beaufort Butterfly Co.
P.O. Box 2236
Beaufort, SC 29901-2236
Telephone: (803) 986-0555
Macro., Roph.

Robert C. Mower
378 N. 650 E.
Orem, UT 84057
Arctiidae, Saturniidae, Sphingidae; exchange, life cycles.

Capt. Clint J. A. Murphy
424 S. Sappington Rd.
Oakland, MO. 63122
Conservation of insect habitat; special interest in endangered insect species; lobbying of state and U.S. government to develop and fund insect protection program; butterflies, botany, esp. prairie species.

Thomas M. Neal
1705 NW 23rd Street
Gainesville, FL 32605
Home phone: (352) 375-1916
Lep., esp. Geometridae, Noctuidae;
collect, rear.

Dr. Ray Neck
5603 Effingham
Houston, TX 77035
Home phone: (713) 723-5103
Habitat preservation, distribution,
butterfly gardening

John D. Neely
3215 N. Charles St. #405
Baltimore, MD 21218
Home phone: (410) 366-9131
Moths esp. Schinia (Noctuidae:
Heliothinae)

Stanley S. Nicolay
1500 Wakefield Dr.
Virginia Beach, VA 23455
Home phone: (804) 464-6087
Roph., esp. Lycaenidae, Hesperidae;
collect, exch.

James H. Norwood III, D.D.S.
708 E. Anderson St.
Weatherford, TX 76086
Home phone: (817) 594-8960
Moths of Texas.

Paul A. Opler
3354 Valley Oak Drive
Loveland, CO 80538-8921
Home phone: (303) 226-2433
Geography, butterflies, moths,
photography, conservation, systematics.

David K. Parshall
4424 Rosemary Pkwy
Columbus, OH 43214
Home phone: (614) 262-0058
Arctic, Ohio & Eastern butterflies &
skipper, conservation, ecology, &
photography.

Steven Passoa
The Ohio State University
USDA-APHIS-PPQ
1315 Kinnear Road
Columbus, OH 43212
Taxonomy of immatures, life history,
microlepidoptera

Valerie Passoa
602 Jasonway Avenue
Columbus, OH 43214
Breeding and rearing Saturniids, life
history, larval host plants, photography.

Rick Patterson
400 Winona Rd.
Vicksburg, MS 39180
Home phone: (601) 638-6848
Trading Lepidoptera(Rhops. only)

Harry Pavulaan
494 Fillmore Street
Herndon, VA 20170
Home phone: (703) 709-0124
Office phone: (301) 713-2829
e-mail address: Pavulaan@aol.com
Holarctic Papilionoidea, Hesperioidea,
esp. Papilionidae, Lycaenidae (esp.
Celestrina complex); rearing,
conservation, geographical distribution,
mapping, butterfly gardening, coll,
exch., correspondence welcome.

John W. Peacock
185 Benzler Lust Rd.
Marion, Ohio 43302-8369
Home phone: (614) 389-4886
Roph., macro, esp. Catocala,
Saturniidae, Sphingidae; life history,
rear, collect, habitat preservation.

Paul F. Pfenninger
4085 Floral Drive
Boynton Beach, FL 33436
Home phone: (561) 732-4123

Maria Plonczynski
Drew Hildebrandt
710 Laney Dr.
Clinton, MS 39056-6024
Home phone: (601) 924-2924
Butterfly & moth collecting, esp.
Lycaenidae & Noctuidae; carabid
beetles of the area.

James J. Popelka
48 Winding Way
Morris Plains, NJ 07950
Home phone: (718) 330-0734
Office phone: (212) 575-0723

Floyd W. Preston
832 Sunset Dr.
Lawrence, KS 66044
Home phone: (913) 843-6212
Butterflies of N. A. north of Mexico

Patti Phillips-Putnam
3646 NW 54th Ln.
Gainesville, FL 32653
Butterfly gardening, checklists.
Home phone: (352) 372-1092

John E. Rawlins
Invertebrate Zoology, Carnegie
Museum
4400 Forbes Ave.
Pittsburgh, PA 15213-4080
Office phone: (412) 622-3259
Home phone: (412) 852-1407
E-mail: rawlinsj@clpgh.org
All taxa of Lepidoptera world wide;
Noctuidae, Geometridae, rearing,
photography, & systematics.

Dave Rice
204 Cotton St.
Itta Bena, MS 38941
Home phone: (601) 254-7428
Photography, Nymphalidae,
Asteroampa, behavioral
thermoregulation, puddling behavior.

Dr. Roy W. Rings
Shadowbrook Lot 76
6710 Ellenton-Gillette Road
Palmetto, Florida 34221

Pete Ritenour
RR1 Box 1276
Brazoria, TX 77422
Home phone: (409) 964-3848
Discovering butterflies & moths of
Texas.

Jeffrey R. Robb
2515 Rockwood LN.
Denton, Texas 76201
Home phone: (940) 566-3205

Kilian Roever
3739 W. Townley Ave.
Phoenix, AZ 85051
Home phone: (602) 973-4297
FAX: (602) 973-3070
Roph., esp. Hesperioidea, Lycaenidae.

Richard L. Romeyn, MD
W5306 Emerald Ct.
LaCrosse, WI 54601-2482
Home phone: (608) 787-0248
Office phone: (608) 796-8609
Collecting lepidoptera, distribution &
ecology; aberrant forms.

Dr. Gary N. Ross
6095 Stratford Ave.
Baton Rouge, LA 70808
Home phone: (504) 927-8179
Butterfly behavior and ecology, life histories.

Bill Russell
772 Yorkshire Rd. NE
Atlanta, GA 30306
Home phone: (404) 876-5420
Office phone: (404) 876-3655
E-Mail WHRINATL@AOL
Roph. of New World, collect, exch., photography, flight mechanics.

Frank Rutkowski
234 Fifth St.
Jersey City, NJ 07302-2404
Lep.; life history, plant relationships.

Brian Scholtens
Biology Dept.
College of Charleston
Charleston, SC 29424
Home phone: (803) 856-0186
Office phone: (803) 953-5451
Butterflies, Pyralidae, Life histories, Faunal surveys

Nathan M. Schiff
501 Cypress, Apt. 1201
Greenville, MS 38701
Home phone: (601) 686-3175

Mack Shotts MD
514 W. Main St.
Paragould, AR 72450
Home phone: (501) 236-3900
Office phone: (501) 239-8503
Lep., esp. Catocala; buy, trade.

Jeff Sloten, D.D.S.
5421 NW 69th lane
Gainesville, Florida 32653
Home phone: (352) 338-0721
Office phone: (904) 328-1500
e-mail: Sloten@connections.com
Roph., esp. Hesperidae, Saturniidae, Sphingidae, Catocala, Schinia.

Michael J. Smith
1608 Presidio Way
Roseville, CA 95661
Home phone: (916) 786-7950
Office phone: (916) 338-4200
Saturniidae, Sphingidae, Arctiidae

John A. Snyder
Furman Univ.
Dept. of Biology
Greenville, SC 29613
Home phone: (864) 294-3248
e-mail: john.snyder@Furman.edu
Insect biochemistry, developing collection.

J. Bolling Sullivan
200 Craven St.
Beaufort, NC 28516
Home phone: (919) 728-2539
Lepidoptera.

James M. Taylor
4 Tangle Tree Ln.
Savannah, GA 31411
Home phone: (912) 598-0693
Noctuidae.

William J. Triggs
2501 NW 27th Terrace
Gainesville, Florida 32605
Home phone: (352) 378-7397

Jon D. Turner, MD
310 Cole Drive
Huntsville, AL 35802

James P. Tuttle
3838 Fernleigh St.
Troy, Michigan 48083
Home phone: (810) 689-6687
U.S. Saturniidae & Sphingidae; biology, photography

Richard D. Ullric
5308 Affinity Ct.
Centreville, VA 20120
Home phone: (703) 830-0887
Lepidoptera; collect.

John B. Vernon
1135 McClelland Dr.
Novato, CA 94945
Roph. of N.A., esp. Hesperia; collect, exch. of legally collected specimens.

Richard L. Waldrep
15804 Ensor Mill Rd.
Sparks, MD 21152
Roph., esp. Lycaenidae, distrib., rearing, coll.; exch, buy

Reed A. Watkins
9258 Cloy Road
Dayton, Ohio 45458
Home phone: (937) 885-2301
Lepidoptera(all): Especially Pterophoridae

Dr. Howard V. Weems, Jr.
P.O. Box 2309
Hawthorne, FL 32640-2309
Home phone: (352) 481-5488
Diptera, neotropical Lepidoptera.

Dr. Scott R. Wehrly
2705 Hemon St.
Valrico, FL 33594
Home phone: (813) 651-4259
North American Leps.

Frances Welden
7826 Willow St.
New Orleans, LA 70118
Home phone: (504) 861-7413.
Lep.; life history, photography, gardening, migration studies & annual counts.

James R. Wiker
212 Railroad Street
Athens, IL 62613
Home phone: (217) 636-7044
Midwestern Lepidoptera and literature(old & new) on North American Leps.

Benjamin D. Williams
P.O. Box 211
Pomfret Center, CT 06259
Home phone: (860) 963-2472
Arctiidae, Schinia, Catocala; collect, rear, exchange.

William D. Winter, Jr., M.D.
10 Longwood Drive Apt. #383
Westwood, MA 02090-1144
Home phone (617) 326-6053
Lep.; life history, photography, gardening.

Michael William Wittman
12220 New Sulfur Springs Road
Adkins, TX 78101

Hugh C. Wyatt
P.O. Box 21
Danville, VA 24543-0021
Home phone: (804) 799-8170
Office phone: (804) 799-6508
Lepidoptera photography, collecting,
habitat identification, conservation.

Roger Zebold
675-B Sprague Rd.
Wilmington, OH 45177
Home phone: (513) 382-6056
All Leps. of E. U.S., Speyeria, esp.
idalia, diana; habitat loss, species
decline & other environmental
concerns.

J. Benjamin Ziegler
64 Canoe Brook Parkway
Summit, NJ 07901-1434
Home phone: (908) 273-2288
Roph., esp. Lycaenidae, Theclinae,
Eumaeini; taxonomy, life history,
systematics, host plant relationships,
political influences on lepidopteroogy.

Kirk Zufelt
47A Claver Ave.
Toronto, Ontario M6B 2V9
Phone: (416) 784-0341

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SOUTHERN LEPIDOPTERISTS' SOCIETY
c/o LEROY C. KOEHN, THE EDITOR
6085 Wedgewood Village Circle
Lake Worth, FL 33463-7371

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

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