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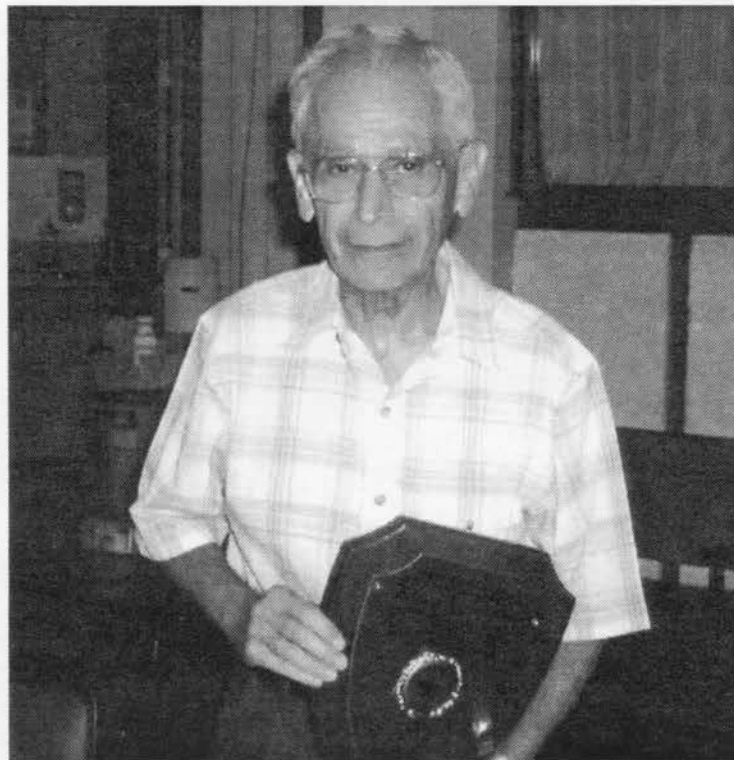
December 31, 2003

**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 (WEBSITE: www.southernlepsoc.org/)**

J. BARRY LOMBARDINI: EDITOR

2003 JOHN ABBOT AWARD RECIPIENT IRVING L. FINKELSTEIN

I wish to thank the members of the Southern Lepidopterists' Society for honoring me with the John Abbot Award



this year, especially so with two equally or, in my estimation, more deserving people on the ballot of nominees. It was an enormous surprise, and I'm deeply grateful to those members who thought my small contributions to the society and to my great passion, lepidoptera, were worthy of this prestigious award.

That passion has persisted for over 60 years now, and it shows no signs of abating! Indeed, with my headlong plunge into the world of moths in only the last ten years or so, I've embarked on a pursuit that will last me many lifetimes -- if only I could make a deal, like Dr. Faustus with Mephistopheles, for a few extra lifetimes! My special thanks are due to James Adams, who moved to Georgia in 1990, and whose encyclopedic knowledge of the moths and his infectious enthusiasm opened up this vast new arena of interest for me.

Although I discovered and fell in love with lepidoptera at the age of seven, I had a very difficult time fulfilling that love. Growing up in an era and within a milieu in which butterfly collecting was considered a "sissy" and perverse activity for a boy and adolescent,

my life was made even more difficult because my mother was unsympathetic and in fact detested all insects, even butterflies and moths. My essay, "Memories of Childhood . . . and Cecropias," (SLS NEWS, 24/4, Dec. 2002, 86-89) provides a hint of the obstacles I faced and had to overcome. Pursuing formal study and a career in entomology was out of the question, though that was what I wanted most of all. It was decided that I had some artistic talent, and I was sent off to art school, Pratt Institute, to get a degree in advertising design. Afterward, three excruciating years as a graphic designer in New York art studios and ad agencies convinced me I had to get out or go mad! I applied to graduate schools, and wound up at New York University, where I earned both my M.A. and Ph.D. degrees in art history.

I did not complete my education until I was 33, when I began my teaching career -- a year at Brandeis University, three at Southern Methodist University, and the final twenty-five years at Georgia State University. A rather late start in life, many would agree, but once I was employed and independent, I could finally come out of the closet and proclaim proudly, "I am a lepidopterist," and I began to collect openly, seriously and to make up for lost time. In 1972, I joined the Lepidopterists's Society and met many fine, like-minded people, amateur and professional. When I moved to Georgia, I was befriended by Lucien Harris, Jr., author of *The Butterflies of Georgia*, 1972, Abner Towers and Hermann Flaschka, all deceased now, and we regularly collected together, took field trips, and spent lots of time examining specimens and talking about our experiences. I avidly exchanged butterflies in the 1970's and '80's with collectors in the United States, Spain, France, Israel, Japan and elsewhere, and the collection grew exponentially. In 1978, I participated in the charter meeting of the SLS in Gainesville, organized by Dave Baggett, and met many more lepidopterists who were as enthusiastic and dedicated as I was -- many are still active today, twenty-five years later.

A major event in my life took place in June, 1980, when I participated in the first of many collecting expeditions to the tropics led by Tom Emmel. We explored various locations in Ecuador, both east and west of the Andes, and the trip was such an eye opener and so gratifying I subsequently took part in expeditions to Tingo Maria, Peru, to Rondonia, Brazil, to Yasuni, Ecuador, the Dominican Republic, Belize, Costa Rica and French Guiana. Also in 1980, while collecting with Abner Towers at the Ochoopee Dunes in southeastern Georgia, I encountered a locally common day-flying Geometrid moth which, showy as it was and flying just off heavily traveled U.S. Highway 1, turned out to be a species new to science. Charles Covell and I described the moth, *Narraga georgiana* (*Journal of Research on the Lepidoptera*, 23/2, 1984, 161-168), and Abner Towers and I worked out the life history.

An important component of my lepidoptera work has been in life history study, and in this connection, I've become associated over the years more with the Diana Fritillary, *Speyeria diana*, than any other species. Highlights of this work have been the emergence of spectacular gynandromorphs, mosaics and other aberrations so rarely encountered in the field.

I retired from teaching at the end of 1996, and have since devoted myself full-time to collecting, rearing, updating and upgrading my collection and preparing it for its eventual donation to the McGuire Center for Lepidoptera Research, when I am no longer able to curate it effectively. I have been a Research Associate of the Florida State Collection of Arthropods since 1979, and have been donating all my "extras" on a regular basis. And the last few years have also seen me becoming more active in the SLS in supporting the fine work of the terrific folks among its members. Now I am fulfilled!

DEFINITIONS:

Legume: Any of a large family of herbs, shrubs, and trees, including the peas, beans, vetches, and clovers with usually compound leaves, flowers having a single carpel, and fruit that is a dry pod splitting along two sutures. A plant in the pea or bean family (Fabaceae).

Lunule (lunula): Any structure or marking in the shape of a crescent (as the whitish half-moon at the base of a fingernail). A crescent-shaped mark.

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The Southern Lepidopterists' Society
is open to anyone with an interest in
the Lepidoptera of the southern
region of the United States.
Membership dues are annual:

Regular	\$15.00
Student	\$12.00
Sustaining	\$25.00
Contributor	\$50.00

A newsletter, The News of the
Southern Lepidopterists' Society is
published four times annually.

Information about the Society may be
obtained from the Membership
Coordinator or the Society Website:
www.southernlepsoc.org/

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Congratulations to Irving once again for being named the 2003 John Abbot
recipient.

NEW YEAR'S RESOLUTION

*"I am going to write an article with photographs
in the coming New Year for the Southern Lepidopterists'
News."*

Now, that's what I want to hear. If each member of the Society would write
an article - long or short - I would not have to beg for material. Members,
please remember the newsletter is yours and thus I need your cooperation.
Please send me articles, pictures of your collecting trips and/or specimens,
observations on behavior or life history, field trip reports. How about a book
report - an article on some historical person of lepidopteran fame. I always
need material so please stick to your New Year's resolution. Amen - The
Editor.

REPORT ON THE 2003 ANNUAL MEETING OF THE SOUTHERN LEPIDOPTERISTS' SOCIETY, GAINESVILLE, FLORIDA

BY

IRVING L. FINKELSTEIN, ACTING SECRETARY/SECRETARY ELECT

The first-ever joint meeting of the Southern Lepidopterists' Society and the Association for Tropical Lepidoptera was held September 27 and 28, 2003, in the Doyle Conner Auditorium of the FSCA, Division of Plant Industry, Gainesville, Florida. This meeting, the 25th Annual Meeting of the SLS, was a landmark in the society's quarter century history, and was well attended, with several charter members present. Members who signed in were as follows:

James K. Adams

Andy Anderson

Bob Belmont

Bob Beiriger

Ron and Grace Boender

Richard Boscoe

John Calhoun

Terry and Sandra Doyle

Tom Emmel

David Fine

Irving Finkelstein

Rick Gilmore

John Heppner

Deborah and Terry Lott

Lee and Jackie Miller

Marc Minno

Tom Neal

Akers Pence

Floyd and June Preston

Jeff Slotten

Many SLS members are also ATL members, and so the complete attendance roll contained 44 names by meeting's end.

The joint meeting was called to order punctually at 9:00 Saturday morning, with brief announcements by Emily Heffernan, the Program Coordinator, who turned the podium over to Jackie Miller, moderator of the morning program, with Bob Beiriger moderating the afternoon session. The two day meeting contained a total of 14 fine presentations. As there was no central theme, the papers were almost as diverse as the world's butterfly fauna! There was an update on the conservation status of the Miami Blue, surveys of the Castniinae of Mexico and the diversity of butterflies of the Rondonia tropical forest and of the Bahama Islands. And there were papers on very specific issues such as the explanation and validity of *Pterourus appalachiensis*. One of the most original and inspiring papers was "Tracking Monarchs Isotopically" by Cristina Dockx, in which she reported her research with thin layer chromatography, to "fingerprint" the milkweed species used by Monarchs, and subsequent isotope analysis of the hydrogen and carbon in their wing tissues to determine which are migrants to Cuba and which are native Cuban residents. A complete list of the papers presented may be found on the SLS website (www.southernlepsoc.org/).

Highlighting the Saturday afternoon session was the awards presentation for 2003, two by the ATL -- the Jacob Huebner Award to Dr. Ian F. B. Common and the Henry Bates Award to Dr. David H. Janzen -- and one by SLS, the John Abbot Award, presented to yours truly (see my comments on page 102, this issue).

It should be mentioned that food and friendship always comprise a memorable part of the annual meetings. This year was no exception. Saturday's lunch buffet was held at DPI, provided courtesy of Tom Neal and Subway Sandwich Shops, and all the attendees were contentedly stuffed and very grateful. Dinner was a true feast, at the Voodoo Restaurant and Lounge, with some of the best sushi many of us have had in a long time. The evening banquet was punctuated by Dr. George Krizek's superb slide presentation of "Skippers from South and Central America."

The Sunday session, again moderated by Jackie Miller, began with the business meetings of the respective societies, the SLS component led by Bob Beiriger, with lively discussions and votes on several key issues. The first, and the one that drew the greatest input, concerned the appropriateness of publishing descriptions of new species and subspecies by SLS. It was pointed out that taxonomic changes need to be made in a peer reviewed scientific journal, not a regional newsletter. James Adams moved that we do not accept such articles for publication in the News for

the time being. The motion passed. James Adams additionally pointed out, however, that the SLS Bulletin (though not published in many years [ever?]) is available for publishing articles dealing with matters of nomenclature, including description of new species. Another issue of concern was the widespread perception that SLS is essentially a Florida society, and a question was raised about the current method of nominating and electing officers. However, this was clarified by the unfortunate fact that it has been extremely difficult to find people from outside Florida willing to serve as officers, and that meetings held outside the state have been poorly attended. In his Treasurer's Report, Jeff Slotten told the membership of the disturbing trend of fewer members paying their dues -- currently only 91 out of 155 members. Because of the high cost of printing the *NEWS*, the treasury is critically low, only \$1,138 as of August. A motion was made and passed that a warning stamp or label be placed in the final issue of the *NEWS* before expiration of the membership. Under new business, the possibility of a spring field trip to south Florida was discussed but not decided. The slate of officers for 2004 was voted and approved unanimously and is as follows:

Bob Beiriger -- Chairman
Barry Lombardini -- Editor
Irving Finkelstein -- Secretary
Jeff Slotten -- Treasurer
Paul Milner -- Membership Coordinator
Marc Minno -- Member - at - Large
Dave Morgan -- Website Manager

The final order of business was the motion to once again hold a joint meeting of the ATL and SLS in 2004, in Gainesville at about the same time of year, the specific dates to be determined based on the calendar of UF home football game weekends. The motion passed.

At the official conclusion of the meeting, most attendees joined Tom Emmel for a guided tour of the McGuire Center for Lepidoptera Research. The building is still a work in progress and its current state left it difficult to visualize the completed specific spaces and details, but all came away from the tour very impressed with the size and scope of the facility, and eager to return to see the finished product sometime in the spring of 2004. We can hardly wait!

Please See Color Insert A for photographs of participants at the meeting.

(Irving L. Finkelstein, 425 Springdale Dr. NE, Atlanta, GA 30305-3816)

NOW THIS IS AN OFFICE!!!



Your Newsletter Editor relaxing in his work office at TTUHSC. The question has been brought to my attention: "*How do you find anything?*". No problem - I know where everything is - the organized mind remembers everything!!! However, my greatest fears are: 1) that the fire marshal will declare me a menace/hazard and lock me out, 2) my chairman will want me to move to a different office, and/or 3) the Building and Grounds people will want to re-carpet my office. All of these would be a disaster and truly my worst nightmare. There is also the possibility that I might die, slide down in my chair, a few

hundred/thousand papers fall on top of me, become fossilized, and consequently not be found for months.

CATOCALA MESSALINA IN LOUISIANA

BY

VERNON ANTOINE BROU JR.

The uncommon species *Catocala messalina* Guenee (Fig. 1) has been reported for Kansas, Virginia and Texas by Forbes, 1954. Sargent 1976, reported it from Florida, South Carolina, Virginia, and Texas. Covell 1984, reported it from the same states and Louisiana (based on this authors records), (Fig. 2).

This author has taken *messalina* at ultraviolet light and at rest on tree trunks. The single brood appears to culminate at the end of May to early June. Based on time of capture records for 55 adults (Fig. 3), between 2130 and 0030 hours 10 specimens per hour arrived at the light trap, while approximately 5 specimens per hour arrived in the remaining 5 ½ hours of the night (Fig 3).

Previous authors reported this species to be rare, very rare, and local. In Louisiana, *messalina* appears fairly common in the Kisatchie National Forest in Natchitoches Parish, Louisiana, but otherwise rarely encountered.

The upper forewing of *messalina* is nearly unremarkable and dull gray, with a hint of bluish tinting, the outer edge of the forewing is very dark gray, nearly black in color. The hindwing has no inner band, only a black outer band from apex to near anal angle. The remainder of the hindwing is dull yellow-orange.

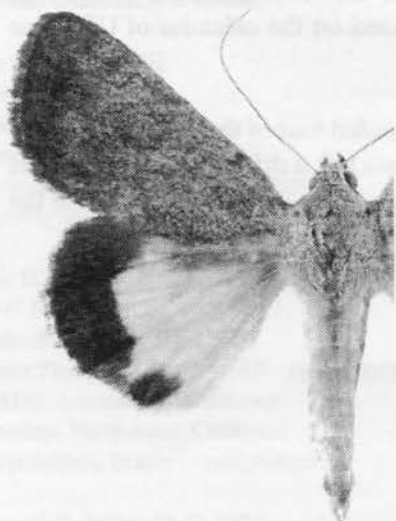


Fig. 1. *Catocala messalina* male.

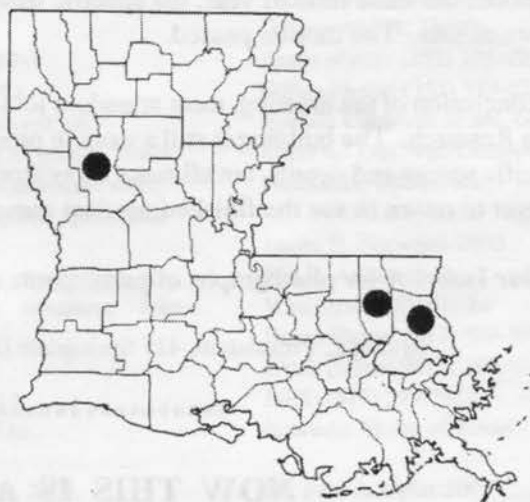
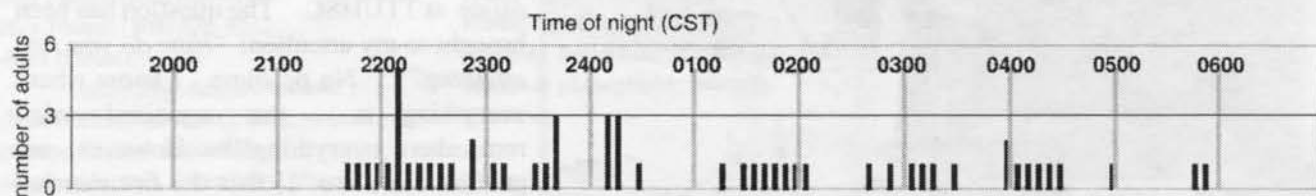


Fig. 2. Parishes in which *Catocala messalina* have been captured.



JOHN ABBOT OF GEORGIA
(1751-1840)
A PIONEERING NATURALIST IN AMERICA
BY
H. WAYNE LEIBEE

Foreword

The Southern Lepidopterist Society gives the John Abbot Award to that individual chosen by the membership pursuant to the goals of the Southern Lepidopterists' Society which are to promote scientific interest and knowledge related to our understanding the lepidoptera fauna of the southern region of the United States. 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 above stated goals. Candidates need not be members of the Society.

Past recipients of the John Abbot Award are the following:

1981	Charles P. Kimball	1991	Howard V. Weems
1982	Charles V. Covell, Jr.	1992	Douglas C. Ferguson
1983	Bryant Mather	1997	John B. Heppner
1984	Roy O. Kendal	1998	Jeffrey R. Slotten
1985	Andre Blanchard	1999	Marc Minno
1986	Ed Knudson	2000	Vernon A. Brou
1987	Dale H. Habeck	2001	Leroy C. Koehn
1988	J. Richard Heitzman	2002	John V. Calhoun and James K. Adams
1990	Thomas C. Emmel	2003	Irving L. Finkelstein

This is the story of John Abbot.

Introduction

In the summer of 1773, John Abbot literally "*missed the boat*" to America. He had paid his passage (25 guineas¹) and loaded his belongings on board. The *Royal Exchange*, undergoing thorough repairs in London, was delayed from an April departure by three months. Between April and July, Abbot had been illustrating seashells for one guinea a piece for a London client. One morning in July, at a local coffeehouse, upon inquiry as to the ship's departure schedule he was informed that the *Royal Exchange* had already sailed. Time had slipped away. It appeared his future life's plan was in peril.

John Abbot, now 22 years old, was a good deal surprised and alarmed, but he was also very lucky. It turns out the *Royal Exchange* had slipped anchor and traveled down the Thames River on its way to the coastal port of Deal, England, an important shipping center. Abbot, with his father, mother, and younger brother with him, hired a driver and carriage and raced from London to Deal a distance of about 65 miles. They found the ship at anchor off shore. Abbot immediately hired a boat, said his final goodbyes, and was rowed out to the ship where he stayed on board even though the ship did not actually sail for three days. John Abbot never saw his family or England again.

This incident is known because in 1834 at the age of 83, John Abbot wrote "*Notes on my Life*"², a hand written manuscript now located at the Museum of Comparative Zoology, Harvard University, consisting of three letters sent separately to an old friend Augustus Oemler, a Savannah pharmacist^{3,4}. He intended to continue his autobiography but the correspondence only takes us to his arrival in Georgia. Near the end of his last letter Abbot says ... "*I was now settled in Georgia for a season I might now take leave of my notes, but as the first years of my living in Georgia, contains much more Adventure, than the former part of my life, and continued through such bad and terrible time, that I often reflect, upon the goodness of providence, in bringing me safely through them*".

If only Abbot had finished his biography we would know about his adventures in America. Little is really known about this obscure, reclusive but very talented artist and naturalist except through his drawings, margin notes and a few personal and third party letters. Here follows, compiled from published information, what is generally known about John Abbot of Georgia.

The Early Years

John Abbot was born on or about 1 June 1751 to John Abbot and Ann Clousinger in London. According to art historian Vivian Rogers-Price, Abbot's baptismal records list May 31 as the date of his birth, but Abbot himself claims he was born on June 1. Rogers-Price asserts that Abbot was actually born on June 11⁵. He also had two younger sisters and a younger brother.

Abbot's father was an attorney in the Court of King's Bench (plea side or defense) and envisioned a career in law for his son. The family was quite successful with a home on the west side of London in a fashionable part of town near Piccadilly and also rented a country house in Turnham Green. Abbot's father possessed books and an art collection. Abbot states in his Notes... "*I had an early love for Books...and an early taste for drawing, which might be much increased by my father having a large & valuable collection of prints, of some of the best Masters, he had also many good paintings*". Nothing is known of his early formal education but Abbot documents that his father allowed him to receive home instruction under the tutelage of the engraver and drawing master Jacob Bonneau (1741-1786). John Abbot had developed as he describes "*a peculiar liking for insects*", and wanted to learn how to illustrate them. Bonneau helped Abbot understand the rules of drawing, perspective and engraving. Since childhood, Abbot had been interested in collecting insects. During one of his walks in the countryside he met a Mr. Van Dest who also had an insect collection and showed him plans for a butterfly net. Abbot promptly made one and probably started his own collection. Through Bonneau, Abbot met other insect collectors that wetted his appetite for collecting and drawing. One collector and book author, Dru Drury (1725-1804), a wealthy London jeweler and goldsmith, was to be the catalyst of Abbot's career. Drury showed Abbot his fabulous insect collection and storage cabinets. Abbot states in his Notes... "*That hour may be said to have given a new turn to my future life*"⁶.

Abbot had his own 26 drawer cabinet built, purchased insects from Surinam, sold duplicate specimens, bought interesting insects from other collectors and proceeded to build a good collection. He also acquired natural history books with colored plates, including a copy of the *Illustrations of Natural History* (1770) by Dru Drury⁷ with plates by Moses Harris, showing insects from Drury's collection, and the *Natural History of Carolina, Florida and the Bahama Islands* (1731) by Mark Catesby, a noted English artist. Catesby was too poor to pay an engraver, so learned the engraving process and transferred his own illustrations to copper plates and colored the plates himself. Catesby painted in the field with fresh specimens and generally provided descriptions⁸. He and other artists were a strong influence on Abbot, who was developing strong drawing skills as well.

It is clear from Abbot's Notes that he came from a family of means with the resources available to enable him to follow his talents. He apparently had the financial support of his father. Through Drury, he was able to meet influential men like George Edwards (1694-1773), a famous English ornithologist, and Henry Smeathman (1750-1787), a professional insect and plant hunter. Abbot purchased the rare Purple Emperor (*Apatura iris*) from Smeathman for one guinea, a very sizable sum for the times.

In 1769, Abbot began a clerkship in his father's law office that lasted 5 years, while continuing to collect, study and paint insects and birds. In 1770, Abbot received some notoriety when he successfully exhibited two watercolor paintings of Lepidoptera in London at the Society of Artists in Great Britain. Abbot did not like the practice of law and despite his father's desires, he made plans to travel abroad to follow his passion for natural history, collecting and drawing, undoubtedly influenced by his exposure to London collectors and artists.

A Basis for a Career

The Age of Exploration generated interest in the plants and animals of foreign lands and men of means wanted to build collections for display as well as scientific study. They were willing to pay for perfect specimens as well as

buy books displaying pictures of birds, animals and insects. After the discovery of the New World, scientists were eager to learn about the unusual creatures explorers had found. Carolus Linnaeus (1707-1778), the Swedish taxonomy pioneer, proposed the grand *Systema Natura* for the classification of plants and animals. European scientists eagerly sought specimens, descriptions, and drawings of new species, and dedicated artists stepped up to meet their demands.

Dru Drury, in his preface to the *Illustrations* states, "*It is universally allowed that the study of nature is one of the most pleasing employments that can engage the mind of man. All corners of the world are visited by our ships; the remotest shores of Europe, Asia, Africa, and America are not unknown to our countrymen; but feel the effects of that insatiable thirst for traffic and gain, that animates the present generation. Every lover, therefore of this study, must naturally hope, that such occasions of increasing the knowledge of nature, may not be neglected.*"

Collectors, most of whom returned to England, were sent worldwide looking for exotic plants, animals, birds, and to a lesser degree insects. John Abbot was entrepreneurial enough to think he could make a living by gathering and preserving birds and insects, recording them in watercolors and selling his paintings or specimens to wealthy patrons back in England. He already was earning a small income with his illustrations and insect collecting.

Abbot In America

Abbot sold his large cabinet, drawings, and insect collection, had three smaller cabinets constructed for his trip abroad. Based on Abbot's skills, the Royal Society of London and two English naturalists, Thomas Martyn and Dru Drury, commissioned Abbot to collect natural history specimens in North America⁹. He left England in July 1773 deciding to travel to colonial Virginia. Six weeks later, on 9 September, the *Royal Exchange* arrived at the mouth of the James River, Virginia. During the voyage he met the Goodall family and subsequently traveled with them up the James River to Old James Town, the first English settlement in America and by then abandoned. He stayed on with the family in Virginia for two years. During this time he attempted to ship two cabinets of insects to England, but both shipments were lost at sea when the ships sank in storms. A third shipment to Martyn did arrive safely in England. Abbot got discouraged because insect collecting in Virginia was not to his liking, lost shipments meant lost commissions, and revolution was in the air. He attempted to go back to England but failed to link up with a ship's captain. He subsequently decided in December 1775 to migrate southwest to Georgia with a Goodall cousin but Abbot had to pay all their travel expenses. The group arrived 30 miles south of Augusta in present-day Burke County early in February 1776, five months before the Declaration of Independence was signed.

Abbot boarded with William Goodall near Brier Creek for several years. He remained in Georgia for the rest of his life, moving to Chatham County in 1806 and to Bulloch County in 1818¹⁰. He married Sarah Warren in 1779. Their son John was born the same year. Abbot secured a 200 acre land grant on the north side of Brier Creek in 1785 and moved his family there. He engaged in subsistence farming and worked as a schoolmaster¹¹. Georgia became Abbot's home and base, where he collected and painted for 63 years. With his cabin as a base, he collected insect, bird, and spider specimens in the valleys of the Savannah and Ogeechee Rivers, Brier Creek in Burke and Screven counties, and Black Creek in Bulloch County.

Abbot's wife died in 1817. His son John became a merchant, trader of slaves and an attorney. John Jr. was brought to trial about 1819 for nonpayment of debt. It is assumed that Abbot paid his son's debts and thereby influenced his own financial downfall. John Abbot Jr. died in 1826 of liver problems¹². In his latter years, Abbot, by now overweight, rheumatoid, and partially deaf, moved into a cabin on the land of his friend William McElveen. He did continue to work in the field and collect locally until his death in 1840 at the age of 89. His 1839 will granted all his belongings, which were few, to McElveen including his slave Betsy and his remaining papers, letters, notebooks and paintings. His friend Oemler from Savannah, upon hearing of Abbot's death, attempted to buy up the papers but McElveen's children had already used them up for drawing, and had destroyed them¹³. John Abbot was buried in the McElveen private family cemetery in an unmarked grave. In 1957, a cenotaph¹⁴ monument to John Abbot was placed in the cemetery bearing a bronze likeness of Abbot, from the only known original portrait which is self-drawn. Also in 1957 a Georgia Historical Marker was erected in honor of John Abbot about one-third mile away located on Arcola Road about 1 mile south of U.S. 80.

The John Abbot State Historical Marker is inscribed as follows:

JOHN ABBOT (1751-1839)
ORNITHOLOGIST, ENTOMOLOGIST, ARTIST
 1/3 Mi.

In the old McElveen Cemetery, one-third of a mile northeast of this marker, is the grave of John Abbot, pioneer naturalist of Georgia. Abbot was born in London June 1, 1751, and in early youth became devoted to the study and delineation of insects. At sixteen he already had become proficient with water colors and had collected, painted and exhibited his work in London.

Longing for new collecting grounds, he came to Virginia in 1773 and, after three years there, he settled in Georgia. During the next sixty years he devoted himself to the study of birds, insects and plants, and some of his specimens even today are found in the great museums of Europe.

One publication entitled THE NATURAL HISTORY OF THE RARER LEPIDOPTEROUS INSECTS OF GEORGIA, with 104 plates, is compiled from Abbot's notes and was brought out by Sir James E. Smith in 1797. Thousands of other paintings, mostly of birds and insects, remain unpublished and are widely scattered. Two albums of Abbot's paintings still remain in Georgia, one of birds at the University of Georgia at Athens and one of insects at Emory University.

016-2A GEORGIA HISTORICAL COMMISSION 1956



Georgia Historical

Marker Image provided by the courtesy of the Statesboro Regional Library



John Abbot's image as shown on the cenotaph courtesy of the Statesboro Herald

Abbot's Body of Work

Having collected and painted for 67 years in America, John Abbot left behind a prodigious amount of work consisting of over 5000 watercolor illustrations¹⁵ of crabs, dragonflies, birds, beetles, spiders, flies, wasps, grasshoppers, and of course moths and butterflies. His Lepidoptera illustrations included morphological stages and host plants. He noted ecological changes in his field notes and wrote essays on foods, behavior, breeding habits, and bird migration that were of great use to his British correspondents. His watercolors were usually accompanied with dates and places of capture plus interesting descriptive or behavioral notes. Residing in museum or private collections, most of his art work has not been published or even seen by the public. It is estimated that only about 200 or 4% of Abbot's illustrations have been published. His work is a monumental delineation of the natural history of the area surrounding Savannah, Georgia. It can rightly be considered an environmental and ecological treasure of information.

As an artist, Abbot first sketched his natural history subjects in graphite and then meticulously applied watercolor that enabled him to capture textures. He ground pigments and mixed paint, experimenting with recipes to achieve the proper coloration for butterflies and beetles, animals known for their iridescence. Abbot's dragonflies and beetles fairly glow from the page. He drew them from fresh or living specimens in their natural colors. In her book *John Abbot: Birds, Butterflies and Other Wonders*, Pamela Gilbert provides images of previously unpublished watercolors from the Natural History Museum in London. The Mourning Cloak and Buckeye butterflies look like they would fly off the page, appearing so real.

Abbot bred insects in order to have a constant supply of fresh specimens. He also would prepare custom watercolors based on the request of the client¹⁶. For example, some customers did not want plants depicted. He kept a pattern book and numbered his watercolors so that patrons could order what they wanted¹⁷.

Customers usually provided cork-lined shipping boxes, and Abbot had to carefully pin and arrange the creatures, as damaged animals would not be paid for. Abbot achieved a reputation for expert packaging. His livelihood depended upon his ability to fulfill his customers' requests. If paintings were to be shipped with specimens, he removed the cork linings, inserted the papers, and restored the linings. Not only were the paintings protected, but also hidden from customs officials. Abbot's customers rarely paid duty fees. The boxes were covered with packing material and

wrapped in a tar soaked cloth to prevent condensation and water damage¹⁸. He charged \$6.00 per hundred insects, no matter their size or rarity. Abbot was also a skilled preparator of bird skins. Abbot's watercolors reside in about 20 prestigious institutions world wide, but primarily in England and the United States, as well as private hands.

Abbot never published his own work but supplied other authors with illustrations or specimens. Only one work bears his name, the two-volume *The Natural History of the Rarer Lepidopterous Insects of Georgia*, which was authored by James Edward Smith, the co-founder of the Linnean Society, in 1797. This rare book features engravings of 104 of Abbot's watercolors. While Abbot is generally acknowledged as a coauthor, the frontplate states "...collected from the observations of Mr. John Abbot many years resident of that country". Abbot is not included in the by-line, even though it was his intellectual property that made up the book. Abbot did provide the plates and the manuscript for the book, but stated that Smith should apply the scientific names and edit as he saw fit. He also demurred from being credited too often¹⁹. Printed with both English and French texts, it was not a financial success. Abbot had no control over the engravings²⁰ or the final production of the plates, nor the coloring. Using only the purest pigments for his illustrations, Abbot was a master at conveying subtlety of color and surface texture, which he did generally without the addition of gum arabic to add gloss or transparency. Colors of the original illustrations are still bright and clear, with virtually no fading. The engraved plates, today highly prized and rare, do little justice to the original watercolors²¹. It was the first important publication on American entomology. A third volume was planned but was never published.

Abbot was influenced by images issued by Drury and Catesby. **Insert B** contains two images (1 and 2) Abbot would have seen from Drury's *Illustrations of Natural History* (1770), which Abbot owned. They illustrate Lepidoptera sent to Drury for his collection and were done by the renowned engraver Moses Harris, considered one of the best. Not identified in the book, the written description states that they were not described by science at that time. Drury was just starting to use the Linnean nomenclature system. Notice the geometric placement on the page which was then fashionable. **Insert B** contains two images (3 and 4) Abbot would have seen from his copy of the *Natural History of Carolina, Florida and the Bahama Islands* (1731) by Mark Catesby. Catesby added plant materials to his plates, but not necessarily host plants. There are no morphological stages shown.

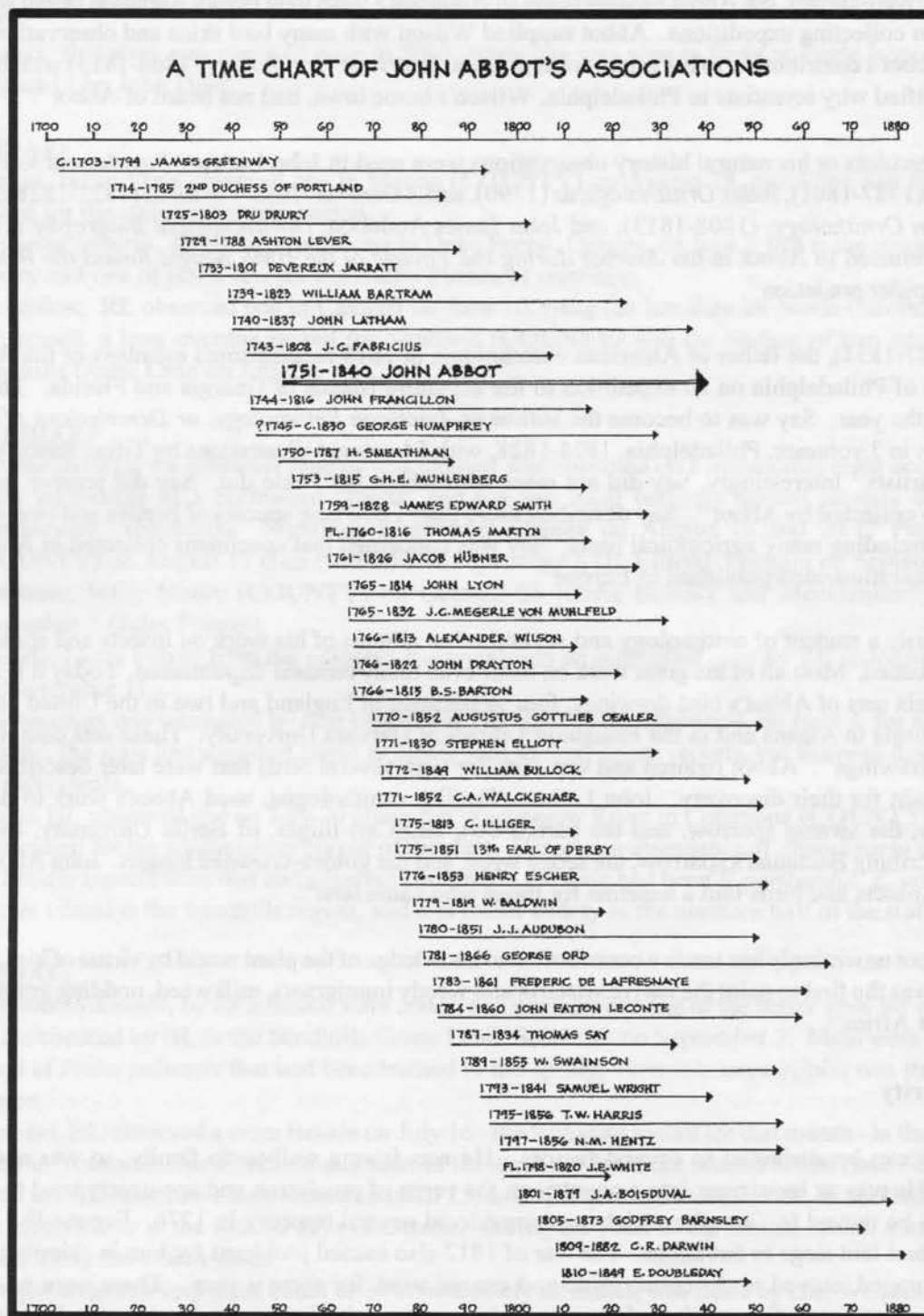
Inserts C and D are copper plate engravings of Abbot's watercolors from *The Natural History of the Rarer Lepidopterous Insects of Georgia* (1797). They were engraved by John Harris Sr, an English print maker and colorist²². Each plate depicts a single species of butterfly or moth in final caterpillar, pupal and adult stages with a host food plant. No eggs or instars are shown. Abbot included common names and Smith applied the scientific nomenclature. Abbot many times included both male and female of the species as well as underwing views and the occasional closed-wing perching position in later illustrations, which was uncommonly shown. The images of Abbot's watercolors shown, very rare now, were available for sale on the internet and permission to use was graciously provided through the courtesy of www.RarePrintsGallery.com and Cory Baggett²³. The images have been cropped to eliminate blank space and Abbot's common name for the insect shown has been added in the legend.

Abbot's images are scientifically accurate while being pleasing to look at. They really are gems of natural history illustration, and were done much earlier than either Alexander Wilson or J. J. Audubon. They were very much in demand at the time. Abbot's illustrations appeared in Jean Alphonse Boisduval and John Eatton LeConte, *Histoire generale et iconographique des lepidopteres et des chenilles de l'Amerique Septentrionale* (1833); William Swainson, *Zoological Illustrations* (1820-1821); and Edward Doubleday, *The Entomologist* (1840). Charles Athanase, Baron Walckenaer, *Histoire naturelle des insectes: Apteres* (1847), used Abbot's spider watercolors to describe new species, and Thomas Martyn, *Psyche* (1797), illustrated insects collected by Abbot. Johann Christian Fabricius, *Entomologica systematica emendata et aucta* (1793), and Jacob Hilbner, *Sammlung exotischer Schmetterlinge* (1806) and *Zutrage sur Sammlung exotischer Schmetterlinge bestehend in Bekindigung einzelner Fliegmuster neue oder rarer nicht europaischer Gattugen* (1818-1837), completed by Carl Geyer between 1825 and 1837, published descriptions of insect species from specimens prepared by Abbot²⁴.

Before Abbot left England, he formed a business relationship with John Francillon (1744-1816) to act as his agent. Francillon was a jeweler and insect collector. He distributed Abbot's specimens and paintings to naturalists in England and Europe, as well as probably becoming Abbot's best customer, acquiring over 3000 paintings of birds

and insects. He had the insect illustrations bound into seventeen separate red leather volumes. On his death, the volumes, representing over 2600 watercolors in fifteen insect orders, were acquired by the British Museum. Francillon estimated that 90% of the insects were undescribed at that time. Of the insect illustrations, approximately 1000 or 38% were of the order Lepidoptera. The British Museum also acquired the bird paintings at a much later date.

Abbot's Associations and Influence



Printed with permission and courtesy of *Bartonia*, John Latham editor

John Abbot worked in obscurity in rural Georgia and apparently had little desire to publish his work. The timeline

above from a paper by Joseph Ewan, published in *Bartonia*, the Journal of the Philadelphia Botanical Club, illustrates the people associated with Abbot and his work²⁵, either directly or indirectly. Many were simply collectors, others were publishers of natural history books, several were scientists, some were just visitors, others were only correspondents, but all had a hand in furthering the study of nature. John Abbot was in the background supplying drawings, specimens and information.

His contemporaries, John James Audubon (1780-1851) and Alexander Wilson (1766-1831), the father of American ornithology, were well-known, but Abbot painted many of Audubon's birds long before Audubon began working and he took Wilson on collecting expeditions. Abbot supplied Wilson with many bird skins and observations. Wilson acknowledged Abbot's contribution to his multi-volume work *American Ornithology* (1808-1813) with high praise. Wilson was mystified why scientists in Philadelphia, Wilson's home town, had not heard of Abbot²⁶.

Abbot's bird watercolors or his natural history observations were used in John Latham, *Supplement to the General Synopsis of Birds* (1787-1801), *Index Ornithologicus* (1790), and *A General History of Birds* (1821-1828); Alexander Wilson, *American Ornithology*, (1808-1813); and John James Audubon, *Ornithological Biography* (1831-1839). Charles Darwin referred to Abbot in his *Journal during the Voyage of the HMS Beagle Round the World* (1845), regarding wasp-spider predation²⁷.

Thomas Say (1787-1834), the father of American entomology, in 1818 accompanied members of the Academy of Natural Sciences of Philadelphia on an expedition to the off-shore islands of Georgia and Florida. They were in Savannah late in the year. Say was to become the author of *American Entomology, or Descriptions of the Insects of North America*, in 3 volumes, Philadelphia, 1824-1828, with 54 colored illustrations by Titian Ramsey Peale and other American artists. Interestingly, Say did not meet with Abbot but Peale did. Say did receive insects from Oemler, probably collected by Abbot²⁸. Say described more than 1,000 new species of beetles and over 400 insects of other orders, including many agricultural pests. Say was concerned that specimens collected in America were being described and illustrated/published in Europe²⁹.

Abbot was primarily a student of entomology and several other albums of his work on insects and spiders are still extant, but unpublished. Most all of his great work on birds even today remains unpublished. Today it is known that there are at least six sets of Abbot's bird drawings, four in libraries in England and two in the United States, at the University of Georgia in Athens and in the Houghton Library at Harvard University. These sets contain a total of more than 1000 drawings³⁰. Abbot painted and was familiar with several birds that were later described by others who accepted credit for their discovery. John Latham, English ornithologist, used Abbot's work to describe the LeConte sparrow, the swamp sparrow, and the barred owl, and Carl Illiger, of Berlin University, used Abbot's specimens in describing Bachman's sparrow, the sedge wren, and the golden-crowned kinglet. John Abbot's studies and paintings of insects and birds laid a baseline for those who came later³¹.

Interestingly, Abbot unwittingly has made a contribution to knowledge of the plant world by virtue of his Lepidoptera illustrations. He was the first to paint the native wisteria and weedy immigrants, milkweed, nodding grass and spider flower from West Africa³².

Abbot's Obscurity

Abbot's obscurity can be attributed to several factors. He was from a well-to-do family, so was not driven by financial needs. He was an immigrant into a country on the verge of revolution and apparently tried to stay out of harm's way when he moved to Georgia, which was considered neutral territory in 1776. Eventually, the British invaded Georgia and laid siege to Savannah. The war of 1812 also caused problems for him in shipping to Europe, he became discouraged, moved to the countryside and ceased work for about a year. There were no convenient scientific society meetings in Savannah and no natural history organizations. America's naturalists congregated around Philadelphia³³. And, primarily, he apparently was not interested in publishing his work. Taxonomists credit the first person to describe or illustrate a new species. So, for example, Wilson is listed as the discoverer of the Savannah sparrow, the black-billed cuckoo, the solitary vireo, and the pine warbler, even though Abbot had drawn them earlier and probably had shown them to Wilson. If Abbot had published his discoveries, he would probably

be the best known naturalist in America.

Vivian Rogers-Price, preparer of the abbreviated biography of Abbot for the American National Biography, writes "John Abbot was a shy and retiring person who preferred the solitude of field, forest, and swamp to the bustle of Savannah. His primary interest lay in collecting, observing, and painting insects, arachnids, and birds. He accepted monetary payment for his efforts but never actively pursued publication of his discoveries as Alexander Wilson, John James Audubon or Thomas Say did. Abbot's observations, detailed in his notes and essays, his watercolors, and his collected specimens were of great value to his European and American correspondents but were never widely known during his lifetime. Abbot's research in natural history meant that the insect, arachnid, and bird species of Georgia were more thoroughly recorded at an earlier date than those in any other region of North America. His notes and watercolors now provide us with valuable records of species that are, in some instances, endangered or extinct or have not been seen in Georgia in many years. In his best watercolors, Abbot created fresh and elegant compositions that he drew with accuracy and colored with an eye for detail and beauty. Abbot's recognition as a pioneer artist-naturalist came belatedly, as his influence on the developing sciences of arachnology, ornithology, entomology, and botany became known."³⁴ Abbot sought perfect accuracy in his paintings so that every subject could be identified by others.

Gail Fishman writes "Abbot never sought fame during his lifetime, and in the intervening years, recognition of his outstanding contributions to art and science has been sporadic and short-lived. He left few writings behind, and while he was known to and respected by many in the natural history circles, Abbot preferred the periphery. His desire to remain in the background has almost come to pass, much to the frustration of modern researchers. Abbot confined himself to a small area of the country and studied it well. Those who are acquainted with his life and work know just about everything there is to know."³⁵ Unfortunately for us, but at least he did not become an attorney!

Afterthoughts

Readers are encouraged to read *John Abbot: Birds, Butterflies and Other Wonders* by Pamela Gilbert for many interesting details of his life. Most of the individuals shown on the timeline are mentioned. Since most of Abbot's art work is unpublished, a really great colored plate book could be produced showing his work. Should Abbot's *The Natural History of the Rarer Lepidopterous Insects of Georgia* be republished using modern reproduction techniques? In 1997, *John Abbot's Birds of Georgia* edited by Vivian Rogers-Price was published by the Beehive Foundation of Savannah, Georgia. This selection of his bird drawings from the Houghton Library at Harvard University is the first publication in book form of any of his bird drawings.

Notes

1. A guinea was an English gold coin issued from 1663 to 1813, first struck out of gold from Guinea, West Africa. In 1717 its value was set at 21 shillings, one twentieth of a pound, or about \$5 American at the time.
2. Gilbert, Pamela. *John Abbot: Birds, Butterflies and Other Wonders*. London: Merrell Holberton Publishers, 1998, pg. 117-124.
3. *Ibid.* pg 82.
4. Oemler had entrusted the papers to Thaddeus W. Harris in 1834, with hopes that Abbot would receive some recognition for his work, but they were forgotten until found in the locked files of Harvard University's Museum of Comparative Zoology in 1948. C. L. Remington published the autobiographical fragment as "Notes on My Life" in *Lepidopterists' News* in 1948.
5. Rogers-Price, Vivian and William W. Griffin. John Abbot: Pioneer-Naturalist of Georgia. *Antiques* magazine, October, 1983.
6. Gilbert, Pamela. *John Abbot: Birds, Butterflies and Other Wonders*. London: Merrell Holberton Publishers, 1998, pg. 118.
7. *Ibid.* pg. 18.
8. S. Peter Dance, *The Art of Natural History*, The Overlook Press, 1978. pg. 51.
9. American National Biography, 1999, Vol. 1, pg. 13.
10. Rogers-Price, Vivian. *John Abbot in Georgia: The Vision of a Naturalist Artist*. Catalogue of an exhibition at the Madison-Morgan Cultural Center (Madison, Georgia,) September 25 - December 31, 1983.
11. American National Biography, 1999, Vol. 1, pg. 13.

12. Gilbert, Pamela. *John Abbot: Birds, Butterflies and Other Wonders*. London: Merrell Holberton Publishers, 1998, pg. 74-76
13. *Ibid.* pg. 80.
14. A cenotaph is a marker that is near but not on the exact spot where a person is buried.
15. Rogers-Price, Vivian and William W. Griffin. *John Abbot: Pioneer-Naturalist of Georgia*. *Antiques* magazine, October, 1983, pg. 771.
16. Gilbert, Pamela. *John Abbot: Birds, Butterflies and Other Wonders*. London: Merrell Holberton Publishers, 1998, pg. 98
17. *Ibid.* pg. 102.
18. Fishman, Gail, *Journeys through Paradise, Pioneering Naturalists of the Southeast*, University Press of Florida, 2000, pg. 105.
19. Gilbert, Pamela. *John Abbot: Birds, Butterflies and Other Wonders*. London: Merrell Holberton Publishers, 1998, pg. 58.
20. Engraving method: Copper was the first metal used. The engraver cuts into the metal, in mirror image, the picture which is to be printed. Ink is then wiped across the plate filling the engraved lines. The excess ink is then wiped off and the plate passed through two rollers (press) with a piece of dampened paper on top of it. On removal from the press, the paper shows the printed image the 'right' way round. The paper is allowed to dry and then watercolor is applied.
21. *Ibid.* pg. 94.
22. Rogers-Price, Vivian and William W. Griffin. *John Abbot: Pioneer-Naturalist of Georgia*. *Antiques* magazine, October, 1983, pg. 771.
23. Warren N. Baggett Rare Prints, P.O. Box 1348, Franklin, TN 37065.
24. American National Biography, 1999, Vol. 1, pg. 14.
25. Ewan, Joseph, *The Natural History of John Abbot: Influences and Some Questions*, *Bartonia*, No.51., 1985, pg. 42.
26. Gilbert, Pamela. *John Abbot: Birds, Butterflies and Other Wonders*. London: Merrell Holberton Publishers, 1998, pg. 64.
27. American National Biography, 1999, Vol. 1, pg. 14.
28. Ewan, Joseph, *The Natural History of John Abbot: Influences and Some Questions*, *Bartonia*, No.51., 1985, pg. 41.
29. Gilbert, Pamela. *John Abbot: Birds, Butterflies and Other Wonders*. London: Merrell Holberton Publishers, 1998, pg. 56.
30. Coolidge, Herman, *Four Naturalists and their Drawings of American Birds*, Georgia Historical Society, 1970, pg. 8.
31. Fishman, Gail, *Journeys through Paradise, Pioneering Naturalists of the Southeast*, University Press of Florida, 2000, pg. 110.
32. Ewan, Joseph, *The Natural History of John Abbot: Influences and Some Questions*, *Bartonia*, No.51., 1985, pg. 41.
33. *Ibid.* pg. 38.
34. American National Biography, 1999, Vol. 1, pg. 14.
35. Fishman, Gail, *Journeys through Paradise, Pioneering Naturalists of the Southeast*, University Press of Florida, 2000, pg. 94.

[Note: the author would to acknowledge and thank the following for graciously allowing him to publish the photographs and images mentioned in the article on John Abbot: Cory Baggett, Warren N. Baggett Rare Prints, P.O. Box 1348, Franklin, TN 37065; James Healy, Executive Editor, Statesboro Herald, 1 Herald Square, Statesboro, GA 30458; Roger Latham, Editor, *Bartonia*, Journal of the Philadelphia Botanical Club, Brookhaven Road, P.O. Box 57, Rose Valley, PA 19086-0057; Janice Strickland, Statesboro Regional Library, 124 South Main Street, Statesboro, GA 30458.]

(H.Wayne Leibee, 799 Juana Ave, San Leandro, CA 94577-5122)

[Editor's Note: H. (Hank) Wayne Leibee was my sophomore roommate in college, St. Mary's College of California, many, many years ago. Hank stayed in northern California and I moved to Texas via Maryland and unfortunately we lost contact. It has been more than 35 years since I last saw my old friend and we have only come into e-mail correspondence this last year when he located me through the internet and then joined the Southern Lepidopterists' Society. Hank has a keen interest in the historical founding fathers of lepidoptera and I much appreciate his very fine contribution on the biography of John Abbot of Georgia which he wrote for our Southern Lepidopterists' News.]

DEFINITIONS:

Piedmont: A plateau between the sea and the mountains, specifically along the base of the Appalachians; at the base of a mountain or mountains (a piedmont stream, a piedmont area, plain, etc.)

LET THIS BE A LESSON - A REAL SAD DILEMMA: CARELESS DESTRUCTION OF A LIFETIME'S WORK

BY
VERNON ANTOINE BROU JR.

During early 2002, I was visited by a researcher from the (NMNH) National Museum of Natural History, *aka* Smithsonian, wishing to view my Louisiana micro Lepidoptera and noting during the visit that I possessed the only extensive collection of Louisiana Heliethinae in existence. Work was beginning on this group at the NMNH for the upcoming (MONA) Moths of North America fascicle on Heliethinae. I was subsequently contacted and visited by several individuals regarding this same investigatory work. My personal collection of this group of moths represented the cream of the crop portion (quality-wise) of about 40 species of Heliethinae in large series taken over 46 years (33 years of continual year-round light trapping - a lifetime of collecting representing 630,000 trap hours) from throughout the state of Louisiana, including potentially six new undescribed species of *Schinia*. In August 2002, I received an e-mail from this researcher requesting to see my material, stating that he had just data based another of our society member's Heliethinae collection and had it back to him in a week. In September I replied stating my concerns for the safe shipment and return of my material as well as discussion of the potential new species I possessed and my only interest in any possible new species was my long stated intention of investigating and possibly authoring a description of only one particular species. Subsequent to these discussions with the researcher, in September 2002 I agreed to package up about 2300 specimens over the next four to six months and get them to him in the spring. In March 2003, I shipped a large well packaged and insured parcel to him at priority mail rate, containing 19 smaller specially prepared shipping boxes with 2399 pinned, and spread, labeled and determined Heliethinae specimens. Each of the smaller shipping boxes was individually wrapped and sealed to ward off humidity and pest infestation during transit, as well as permanently affixed bold name and address labels of sender across entire lid of each of the enclosed 19 boxes.

In March 2003, I received an e-mail indicating **"the specimens arrived well except for 3 loose abdomens"**, the researcher noting **"I will take photos of many of your specimens as they are very well prepared and in excellent condition"**. At the end of July 2003, the researcher indicated he data based all of the specimens and would begin to return some of the material in August 2003. On October 1, 2003, I e-mailed the researcher that no specimens had arrived in August or September, requesting status report. October 7, still no reply, resent same e-mail. Reply October 7, indicated most material would be shipped back to me **"next week"**. I replied, **"My inquiry was not to hurry you, but just a check on status. I am more concerned about the safe return than the quickness of return, before or after Christmas is fine."**

On November 3, 2003, I received an e-mail from the researcher stating **"Your specimens of Heliethinae have been sent to you in 5 boxes. I don't know exactly when they left.... I have kept 35 specimens of seven species for further study"**. On that same day November 3, 2003, I received the same large parcel I originally sent the 19 boxes in via the US Postal Service. It was mailed from NMNH on October 14, 2003, back to me at fourth class rate (junk mail rate) - the parcel was in transit *via* the postal system for three weeks. The parcel was unsealed and open with most packing peanuts missing and 5 of my pinning boxes and 2 other unlabeled junk pinning boxes in the bottom of the mostly empty parcel in a tumble. It appears that the tape used by the NMNH was an improper type for the surface of the box it was being used on, as it apparently came off during shipment, small remnants of the cheap water-based glue craft tape placed over the existing plastic tape are still evident, hanging on side edges of parcel. The box appears to have simply opened up and spilled its contents anywhere over a dozen states during the three weeks in the junk mail system.

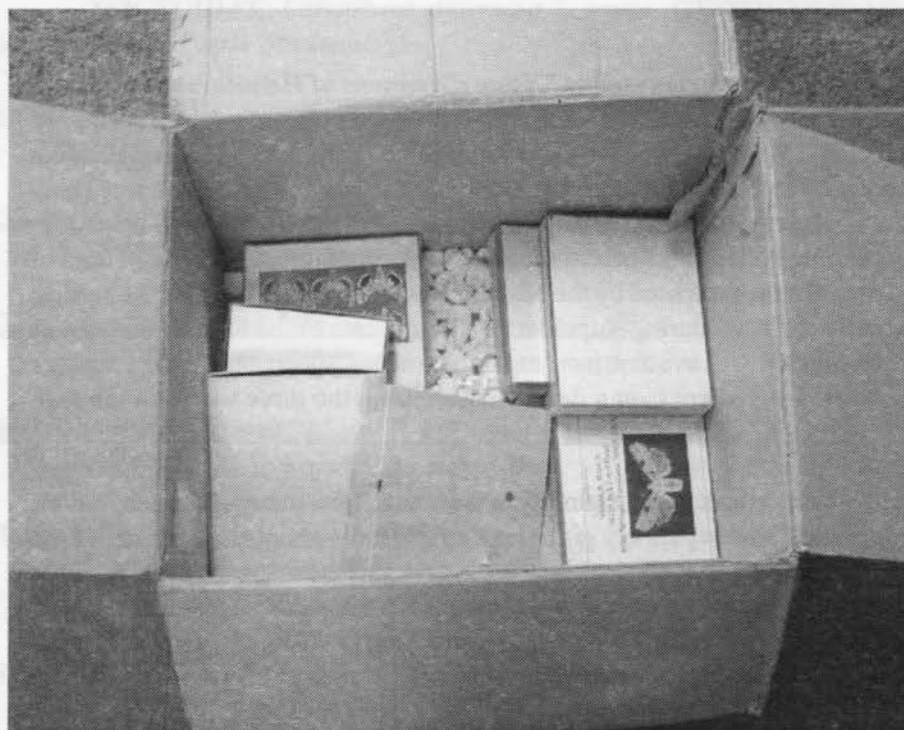
Exactly what was in this doomed parcel? How many boxes were originally in the parcel, how many specimens? Well it appears no one knows, as the useless paperwork sent separately gives no useful details about the contents of the sent parcel. And the e-mail information from the researcher contradicts the paperwork. What I actually received in the pinning boxes was 585 of my specimens with many dozens of those destroyed, piles of wings, antennae and abdomens. Of the remaining unbroken specimens, the rest are also ruined, now suffering from droopy wing syndrome being exposed to humidity in an open parcel over the 3 week journey.

There were numerous errors involved in this tragedy:

1. I stupidly believed the assurances given to me by the researcher regarding the safety of my property, and even worse I assumed I was dealing with a competent scientific professional and the prestigious Smithsonian Institution.
2. An unknown entity - the shipping clerk was not party to the prior discussions regarding the loan, only the borrower himself. The shipping clerk at best was untrained in proper methods of packaging and shipping museum specimens, and/or was derelict in the performance of his responsibilities. He used no common sense or forethought about what he was doing.
3. Inadequate and improper shipping materials used by shipping clerk of the NMNH.
4. Irreplaceable scientifically and commercially valuable specimens were shipped at junk mail rate. This mail is sometimes simply discarded by the postal service.
5. No common sense or forethought by the responsible researcher about any issues concerning his assurance of safe return of the irreplaceable borrowed material despite all of his assurances in prior negotiation of the loan.
6. Paramount in this fiasco was the irresponsibility shown by the researcher who accepted personal responsibility in prior negotiations, but was too busy to be bothered by with the matter after he got what he wanted. He let someone not a party to the loan arrangements be responsible and unsupervised handle the return of the irreplaceable specimens. He was unaware about anything concerning the return of the specimens, not even knowing the specimens had already shipped three weeks prior to his e-mail notification to me that they were being returned.

I am writing about this because Southern Lepidopterists members in most of our member states are also participating with this same researcher and project. We should all be concerned about the callous disregard for someone's irreplaceable personal property and lack of forethought and common sense exhibited by some researchers we are dealing with, even if it is with a most prestigious institution as the Smithsonian Institution, whose current policy is to ship irreplaceable, valuable specimens at the 4th class junk mail rate.

I might add that I previously lost about 700 Louisiana specimens of noctuidae, arctiidae, and geometridae, including more than a dozen new undescribed species by another well respected researcher at the NMNH who recently died. His answer to me was he didn't know what he did with them. After that he refused to respond to letters and e-mails in subsequent recent years.



Shown here is the parcel as received.

Immediately, I shot off an e-mail to the researcher accusing him of gross irresponsibility and demanding the return of the immediate remainder of my material. I then forwarded a copy of this e-mail to the registrar at the NMNH. The researcher replied with an apology, and that he would personally package up and ship the remaining specimens. What followed were several e-mails and phone call by the registrar's office concerning the safe return of the remaining material.

Ten days later six excellently packaged parcels arrived without any noteworthy problems. I was now able to make a brief cursory accounting of

what was missing from the previous box received open traveling 3 weeks through the junk mail system: 117 missing specimens and 585 destroyed or damaged. I can only assume the 117 missing specimens were among what fell out of the open parcel in probably 2 pinning boxes. Among the missing material included all of my 41 *Schinia bimatrix*, a quite rare species. So it seems, of the original 2,399 specimens sent in March 2003, I am left with 1,697 specimens. Perhaps I should be thankful I lost only one-third of my valuable collection. Think this can't or won't happen to you? My ending comment is: I will never again let myself be a victim in these matters.

SCHINIA ARCIGERA (GN.) IN LOUISIANA

BY

VERNON ANTOINE BROU JR.

The Heliothinae species *Schinia arcigera* (Gn.) (Fig. 1) feeds in its larval stage upon common aster species. According to Hardwick (1996), this small flower moth occurs from Nova Scotia and much of Canada, the United States, and south to Mexico City. The brown forewings of both male and female are similar in color and maculation, with a distinct white curved antemedian line and white postmedian line. The forewing basal area is very dark brown,

as is a broad band adjacent proximally and distally of the postmedian line. The remaining forewing median and outer areas are lighter brown in color. The hindwing of the male has a very dark broad outer band, the inner area is yellow as is the abdomen. The hindwing of the female is entirely black as is most of the abdomen.

The dates of capture are shown in Fig. 2., indicating a single brood peaking very early October. The parishes in which *arcigera* have been taken are shown in Fig. 3.

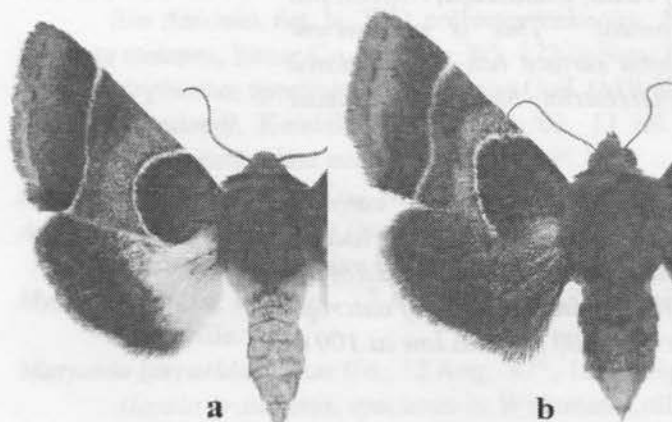


Fig. 1. *Schinia arcigera*, a. male, b. female

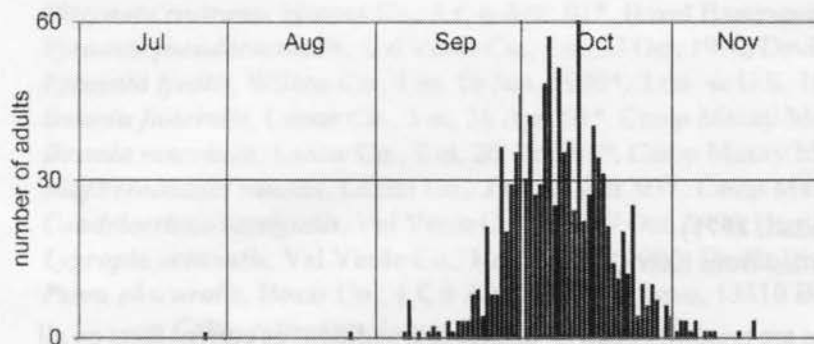


Fig. 2. *Schinia arcigera* taken at sec.24T6SR12E, 4.2 mi.NE Abita Springs, Louisiana, n = 1039

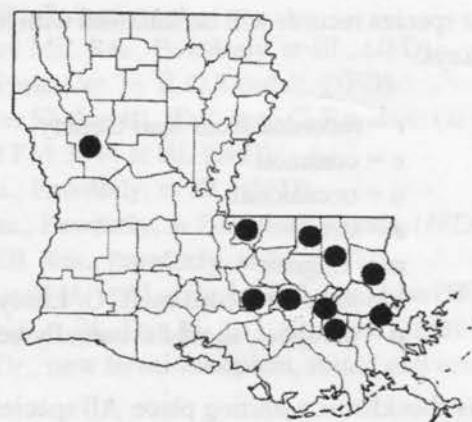


Fig. 3. Parishes in which *S. arcigera* have been recorded.

Literature cited

Hardwick, D.F. 1996. A Monograph to the North American Heliothentinae. privately printed. 279pp., 25 plates.

(Vernon Antoine Brou Jr., 74320 Jack Loyd Road, Abita Springs, Louisiana, 70420; e-mail: vabrou@bellsouth.net)

KERR COUNTY TEXAS BUTTERFLY CHECKLIST
BY
FAMILY WITH SPECIES NOTES
BY
J. F. DOYLE III

Preface

This checklist has been produced for the promotion of the study, interest and appreciation of the lepidoptera of the area. Kerr Co. lies within the boundaries of the Edwards Plateau of Texas and the area referred to as the Hill Country. A description of both is provided here (Johnston).

"The Edwards Plateau, lying east of the continental divide, is a plateau sloping gently eastward, dropping on average about 180 cm per km, but steeper at the western margin. The southern and eastern margins, and to a lesser extent the other parts, are much dissected by the following rivers: Colorado of Texas, Guadalupe, Nueces, Rio Grande/Pecos, and tributaries hereof. This is an ancient evolutionary arena. Most of the land surface has been exposed continuously for occupation by terrestrial biota for at least 65,000,000 years.

The southern and eastern margins are dissected by canyons separated by flat or undulating divides. The dissected part is locally known as the Texas Hill Country; roughly half of the total area of the Edwards Plateau. Virtually the entire surface consists of outcrops of Cretaceous limestone. Elevation: 250-800 m, or as low as 100 m in the bottom of the canyon mouths."

The species records will be followed with lettered keys referring to abundance and notes by the author. Description of keys:

- r = recorded from Kerr County
- c = common
- o = occasional
- s = stray
- m = migrant
- h = historic record by H. G. Lacey (Kendall, 1971)
- p = prospect, should eventually be recorded from Kerr County.

This checklist is a starting place. All species notes are primarily open to change and additions as current facts on all aspects of lepidoptera are still poorly known. The author will be pleased with any updates. That is the purpose of checklists.

In the late nineteenth century there developed a line of longitude in the United States that represented the boundary between the moist east and the arid west. The line was the 100th Meridian, one hundred degrees of longitude west of Greenwich. In 1879 U.S. Geological Survey head John Wesley Powell established the boundary in a report of the west that has carried to this day.

The line was not solely selected for its neat round number - it actually approximates the twenty inch isohyet (a line of equal precipitation). To the east of the 100th Meridian, average annual precipitation is in excess of twenty inches. Thus, this line of longitude represented the boundary between the non-irrigated east and irrigation-necessary west.

The closeness of Kerr Co. to this line partially explains many of the occurrences of west-east species in the county.

Nomenclature

The order of the list follows Miller and Brown 1981 *Catalogue/Checklist of the Butterflies of North America* and supplement to the list by Ferris (1989), both published as *Memoirs of the Lepidopterists' Society* with the exception of skippers appearing after the butterflies. Some butterfly names are from a recent work by Opler and Warren 2003 *Butterflies of North America. 2. Scientific Names List for Butterfly Species of North America, north of Mexico*. Common names correspond to the *Common Names of North American Butterflies* by Glassberg 1995.

PAPILIONOIDEA - Butterflies (Superfamily)

PAPILIONIDAE (Subfamily Papilioninae) - Swallowtails:

Battus philenor Pipevine Swallowtail r, c, h
Battus polydamas Polydamas Swallowtail r, s, h
Eurytides marcellus Zebra Swallowtail r, s
Papilio polyxenes Black Swallowtail r, c, h
Papilio cresphontes r, c, h
Papilio ornythion Ornythion Swallowtail r, s
Papilio glaucus Eastern Tiger Swallowtail r, o, h (Near western limit)
Papilio multicaudata Two-tailed Swallowtail r, c, h
Papilio troilus Spicebush Swallowtail r, o, h (Near western limit)
Papilio palamedes Palamedes Swallowtail r, s

PIERIDAE - Whites & Sulphurs:

Appias drusilla Florida White p, s (recorded from Real Co.)
Pontia protodice Checkered White r, o, h
Pieris rapae Cabbage White r, o
Ascia monuste Great Southern White r, m, h
Ganyra josephina Giant White p, o (recorded from Bexar and Uvalde Cos.)
Anthocaris midea Falcate Orangetip, r, c
Colias eurytheme Orange Sulphur r, c, h
Zerene cesonia Southern Dogface r, c, h
Anteos clorinde White Angled-Sulphur r, o, m, h
Anteos maerula Yellow-angled Sulphur r, o, m
Phoebis sennae Cloudless Sulphur r, o, s, h
Phoebis philea Orange-barred Sulphur p, o, s (recorded from Bexar and Real Cos.)
Phoebis agarithe Large Orange Sulphur r, o, s, h
Kricogonia lyside Lyside Sulphur r, o, m, h
Eurema mexicana Mexican Sulphur r, o, s, h
Eurema proterpia Tailed Orange p, o, s (recorded from Bexar, Comal and Uvalde Cos.)
Eurema lisa Little Yellow r, c, s, h
Eurema nise Mimosa Yellow p, o, s (recorded from Bexar and Kendall Cos.)
Eurema nicippe Sleepy Orange r, c, h
Nathalis iole Dainty Sulphur r, c, h

LYCAENIDAE (Subfamily Miletinae) - Harvesters:

Feniseca tarquinius Harvester r, o

LYCAENIDAE (Subfamily Theclinae) - Hairstreaks:

- Atlides halesus* Great Purple Hairstreak r, c, h
Chlorostymon simaethis sarita Silver-Banded Hairstreak p (recorded from Bexar and Real Cos.)
Phaeostymon alcestitis Soapberry Hairstreak r, c, h
Satyrium titus Coral Hairstreak r, s, h (recorded 7 mi. sw of Kerrville on Turtle Creek)
Satyrium calanus Banded Hairstreak r, c, h
Satyrium favonius Oak Hairstreak r, c, h
Callophrys xami Xami Hairstreak p (recorded from Kendall Co., collected by M.A. Rickard of Houston Texas)
Callophrys henrici Henry's Elfin r, c, h
Callophrys g. gryneus Juniper Hairstreak r, c, h
Parrhasius m-album White M Hairstreak r, o, h
Strymon melinus Gray Hairstreak r, c, h
Strymon alea Lacey's Scrub-Hairstreak p (recorded from Bexar and Uvalde Cos., larval foodplant is *Bernardia myricifolia*)
Strymon istapa (= *columella*) Mallow Scrub-Hairstreak r, o, h
Calycopis isobea Dusky-blue Groundstreak r, o, h
Tmolus echion Red-Spotted Hairstreak r, s
Ministrymon azia Gray Ministreak r, s

LYCAENIDAE (Polyommata) - Blues:

- Brephidium exile* Western Pygmy-Blue r, o, m (common in south Texas coastal counties)
Leptotes cassius Cassius Blue r, o, s
Leptotes marina Marine Blue r, o, s, h
Zizula cyna Cyna Blue p, s (larvae feed on blossom buds of Acanthaceae)
Hemiargus ceraunus Ceraunus Blue r, c, h
Hemiargus isola Reakirt's Blue r, c, h
Everes comyntas Eastern Tailed-Blue r, o, h [larvae feeds on blossom buds and seeds of Lespedeza, a low-growing leguminous vine, reported by Doyle (1968)]
Celastrina ladon Spring Azure r, o, s
Celastrina neglecta 'Summer' Spring Azure r, o, s (recorded by the author from northwestern Bexar County, Texas in 1971)

RIODINIDAE - Metalmarks:

- Calephelis nemesis* Fatal Metalmark r, c, h
Calephelis perditalis (= *nilus*) Rounded Metalmark r, o, s
Calephelis rawsoni Rawson's Metalmark r, o, h (reared by R.O. Kendall from vicinity of Turtle Creek on *Eupatorium havanense*)

NYMPHALIIDAE - Brushfoots:

(Subfamily Libytheinae) - Snouts

- Libytheana carinenta* (= *bachmanii*) American Snout r, o, m, h
Libytheana carinenta mexicana r, s, m, h

(Subfamily Heliconiinae) - Longwings and Fritillaries

- Agraulis vanillae* Gulf Fritillary r, c, m, h
Dryas julia Julia Heliconian r, o, m, h
Heliconius charithonia Zebra Heliconian r, o, m, h

Euptoieta claudia Variegated Fritillary r, c, m, h

Euptoieta hegesia Mexican Fritillary r, o, m, h

(Subfamily Nymphalinae) - Brushfoots

Polydryas minuta Dotted Checkerspot r, s, m, h (recorded 7 miles sw of Kerrville along Turtle Creek. Uses *Penstemon* sp. in west and north Texas)

Thessalia theona bolli Boll's Checkerspot r, o, h (larval foodplant is Ceniza in south Texas and Hill Country)

Chlosyne lacinia Bordered Patch r, c, h

Chlosyne endeis Banded Patch p, s (recorded from Edwards Co., collected by H.G. Lacey in 1902, probably at Paint Creek)

Chlosyne janais Crimson Patch r, s, h (resident in Medina and Uvalde Cos.)

Chlosyne gorgone Gorgone Checkerspot r, s, h

Chlosyne nycteis Silvery Checkerspot r, o, h

Dymasia dymas Tiny Checkerspot r, o, h

Texola elada Elada Checkerspot r, o, h

Anthanassa texana Texan Crescent r, c, h

Phyciodes vesta Vesta Crescent r, c, h

Phyciodes phaon Phaon Crescent r, c, h

Phyciodes tharos Pearl Crescent r, c, h

Phyciodes picta Painted Crescent p (recorded by the author from Real Co.)

Polygonia interrogationis Question Mark r, c, h

Polygonia comma Eastern Comma r, h

Nymphalis antiopa Mourning Cloak r, o, m, h

Vanessa virginiensis American Lady r, o, m, h

Vanessa cardui Painted Lady r, o, m, h

Vanessa atalanta Red Admiral r, c, m, h

Junonia coenia Common Buckeye r, c, h

Anartia jatrophae White Peacock p (recorded from Bandera and Medina Cos.)

Siproeta stelenes Malachite r, o, s

(Subfamily Limenitidinae) - Admirals

Limenitis arthemis astyanax Red-spotted Purple r, c, h

Limenitis archippus watsoni Viceroy r, c, h

Adelpha bredowii California Sister r, s, h (can be common under certain dry conditions as larvae are susceptible to viral attacks in wet years)

Marpesia chiron Many-banded Daggerwing r, o, m, h

Marpesia petreus Ruddy Daggerwing r, o, s, h

(Subfamily Biblidinae)

Biblis hyperia Red Rim p, o, s (recorded from Bexar, Medina and Uvalde Cos.)

Mestra amymone Common Mestra r, o, m (Larval foodplant is *Tragia ramosa*)

Dynamine dyonis Blue Eyed Greenwing p, s (may stray from extreme so. Texas and inhabit until killing freeze, has been known to migrate as far north as Dallas-Ft. Worth and College Station, Texas. Doyle (1979) reared *D. dyonis* on *Tragia betonicifolia*, [larval foodplant incorrectly cited in article as *Tragia ramosa*], recorded from Bexar and Uvalde Cos.)

(Subfamily Charixinae) - Leafwings

Anaea troglodyta Tropical Leafwing r, o, h (permanent resident in Panther Canyon, New Braunfels, Texas, Comal

Co. Larval foodplant is *Croton fruticosus*)

Anaea andria Goatweed Leafwing r, c, h

(Subfamily Apaturinae) - Emperors

Asterocampa celtis Hackberry Emperor (includes *alicia*, *antonia*) r, c, h

Asterocampa leilia Empress Leilia r, o, h

Asterocampa clyton Tawny Emperor (includes *flora*, *texana*, *louisia*) r, c, h

(Subfamily Satyrinae) - Satyrs

Hermeuptychia sosybius Carolina Satyr r, o, h

Megisto cymela Little Wood-Satyr r, o, s, h (western distribution limit)

Megisto rubricata Red Satyr r, c, h

Cercyonis pegala Common Wood-Nymph r, o, h

(Subfamily Danainae) - Milkweed Butterflies

Danaus plexippus Monarch r, c, m, h

Danaus gilippus Queen r, c, h

Danaus eresimus Soldier r, o, s, h recorded from Bexar Co. in late fall, early winter)

HESPERIOIDEA - Skippers (Superfamily)

HESPERIIDAE - Spreadwing Skippers (Family):

(Subfamily Pyrginae)

Proteides mecurius Mercurial Skipper r, o, s, h

Epargyreus clarus Silver-spotted Skipper r, o, h

Polygonus leo Hammock Skipper r, o, s

Chionides catillus White-striped Longtail r, o, h

Chionides zilpa Zilpa Longtail r, o, s, h

Urbanus proteus Long-tailed Skipper r, o, h

Urbanus dorantes Dorantes Longtail r, o, h

Urbanus procne Brown Longtail r, o, s

Astraptes fulgerator Two-barred Flasher p (recorded from Uvalde Co. west and Comal Co. east of Kerr Co.)

Autochton cellus Golden Banded-Skipper r, h (no recent records)

Achalarus lyciades Hoary Edge r, h (no recent records)

Achalarus casica Desert Cloudywing r, h (no recent records)

Achalarus toxus Coyote Cloudywing r, o, h (larval foodplant is *Pithecellobium flexicaule*)

Thorybes pylades albosuffusa Northern Cloudywing r, o, h

Gorgythion begga Variegated Skipper p, s (recorded from Real Co.)

Cogia outis Outis Skipper r, o, h

Staphylus mazans Mazans Scallopwing p (recorded from Kimble and Tom Green Cos., easily confused with *S. hayhurstii*)

Staphylus hayhurstii Hayhurst's Scallopwing r, o

Systasea pulverulenta Texas Powdered-Skipper r, o, h (larval foodplants are *Wissidula* and *Abutilon*)

Eantis tamenund Sickie-winged Skipper r, o, s, h

Grais stigmaticus Hermit Skipper r, o, s, h

Timochares ruptifasciatus Brown-banded Skipper r, o, s

Chiomara asychis White-patched Skipper p (recorded from Bexar and Uvalde Cos.)

Gesta invisus False Duskywing r, o, h

- Erynnis brizo* Sleepy Duskywing r, h (no recent records)
Erynnis juvenalis Juvenal's Duskywing r, o
Erynnis telemachus Rocky Mountain Duskywing p (recorded in Real Co. in 2003)
Erynnis meridianus Meridian Duskywing r
Erynnis scudder Scudder's Duskywing r
Erynnis horatius Horace's Duskywing r
Erynnis tristis Mournful Duskywing r
Erynnis martialis Mottled Duskywing r, o (no recent records)
Erynnis funeralis Funereal Duskywing r, o, h
Pyrgus communis Common Checkered-Skipper r, c, h
Pyrgus albescens White Checkered-Skipper p (recorded from Bandera, Edwards and Real Cos.) Can be confused with *P. communis* which is usually larger and darker. On occasions determination can only be done by capture of male specimen and dissection done to examine and compare genitalia. Life history work is badly needed for this species.)
Pyrgus philetas Desert Checkered-Skipper r, o
Heliopetes domicella Erichson's White-Skipper r, o, s (no recent records)
Heliopetes laviana Laviana White-Skipper r, o, h
Heliopetes macaira Turk's-cap White-Skipper p (larval foodplant is *Malvaviscus arboreus* var. *drummondii*)
Celotes nesus Common Streaky-Skipper r, o, h
Pholisora catullus Common Sootywing r, o, h

(Subfamily Hesperinae) - Grass-Skippers

- Nastra julia* Julia's Skipper r, o, s
Lerema accius Clouded Skipper r, c, s
Ancyloxypha numitor Least Skipper r,
Copaeodes aurantiaca Orange Skipperling r, o, h
Copaeodes minima Southern Skipperling r, o, s
Hylephila phyleus Fiery Skipper r, c, h
Hesperia woodgatei Apache Skipper r, o (recorded from Kerrville as early as 1902 by H.G. Lacey or C. Stanley Coppock)
Hesperia viridis Green Skipper r, c, h
Polites vibex Whirlabout r, o, s, h
Wallengrenia otho Southern Broken-Dash r, o, s, h
Atalopedes campestris Sachem r, o, s
Anatrytone logan (=delaware) Delaware Skipper r, o, h
Euphyes vestris (=ruricola) Dun Skipper r, o, h
Amblyscirtes aenus Bronze Roadside-Skipper r, o, h
Amblyscirtes oslari Oslar's Roadside-Skipper r, o, h
Amblyscirtes nysa Nysa Roadside-Skipper r, o, h
Amblyscirtes eos Dotted Roadside-Skipper r, o (no recent records)
Amblyscirtes celia Celia's Roadside-Skipper r, o
Lerodea eufala Eufala Skipper r, c, h
Calpodus ethlius Brazilian Skipper reported from Bexar and Uvalde Cos. Plant some canna lilies in your yard and it will show up sooner or later.)
Panoquina ocola Ocola Skipper r, o, m, h (recorded from Bexar Co. in late fall, early winter)
Panoquina lucas (= *sylvicola*) Purple-washed Skipper p, o, m (species note same as *P. ocola*)

(Subfamily Megathyminae) - Giant-Skippers

- Megathymus yuccae* (incl. *coloradensis*) *kendalli* Yucca Giant Skipper r, h (single brooded, early spring)
Megathymus streckeri texanus Strecker's Giant-Skipper r, (single brooded, early spring, larval foodplant is twisted-leaf yucca, recorded from Kerrville State Park)

Agathymus remingtoni estellae Coahuila Giant-Skipper p (recorded from Edwards Co., larval foodplant is *Agave lecheguilla*, look for it in northwestern part of the county)

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Acknowledgments

Appreciation is expressed to the River Nature Center for their assistance in the production of this work. Thanks is also given to R. O. Kendall of San Antonio for some of the information in the species notes.
(J. F. Doyle III, 13310 Bar C Dr., San Antonio, Texas, 78253)

WELCOME TO NEW MEMBERS

The Southern Lepidopterists' Society would like to welcome the following new members:

Kreg D. Ellzey
3416 Gum Springs Loop
Hombeck, LA 71439

David Guzo
530 North Monroe St.
Arlington, VA 22201

Craig W. Marks
106 Duncan Circle
Lafayette, LA 70503-1367

Bill Lindemann
884 Loudon Rd.
Fredericksburg, TX 78624

Robert T. Allen, Ph.D.
Academy of Natural Sciences
Department of Entomology Research Associate
1900 Benjamin Franklin Parkway
Philadelphia, PA 19103

Dr. Thaddeus Charles Jones
20742 Prince Creek Drive
Katy, TX 77450

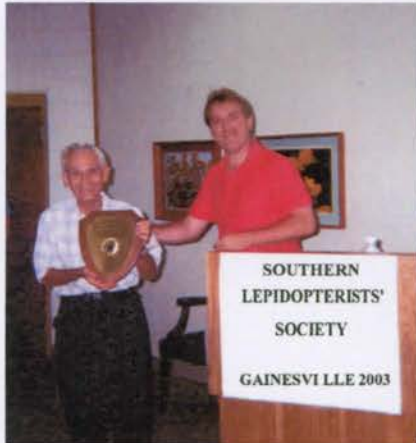
David Hanson
1427 Evergreen Ave
Mission, TX 78572

John Watts
7972 Pierson Way
Arvado, CO 80005

Larry Line
6827 Redberry Road
Clarksville, MD 21029

Ron Boender
Trade Winds Park
3600 W. Sample Road
Coconut Creek, FL 33073





James Adams presenting Irving Finkelstein the SLS 2003 Abbot Award.



Bob Beiriger, Chairman of Southern Lepidopterists' Society.



Floyd and June Preston and Richard Boscoe outside Division of Plant Industry.



Bob Belmont, geometrid expert, attending the SLS meeting in Gainesville (2003).



Bob Beiriger, John Watts, and James Adams (James is caught in the headlights again).



Richard Boscoe and Andy Anderson catching up on small talk at the SLS meeting.



Richard Boscoe and David Fine (lots of enthusiasm).



James Adams and Irving Finkelstein at the Voodoo Restaurant (Voodoo!!!).



Bob Beiriger, David Fine and Andy Anderson (Gainesville, FL, September 2003).



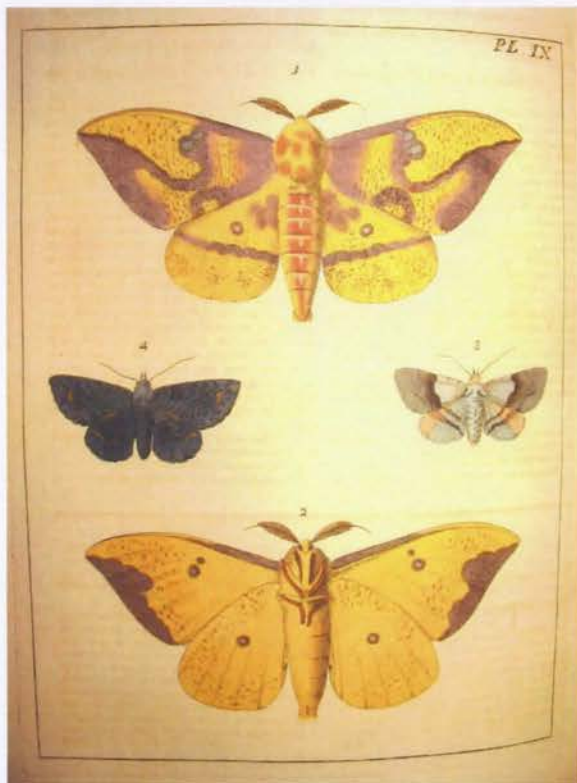
John Heppner and Irving Finkelstein.



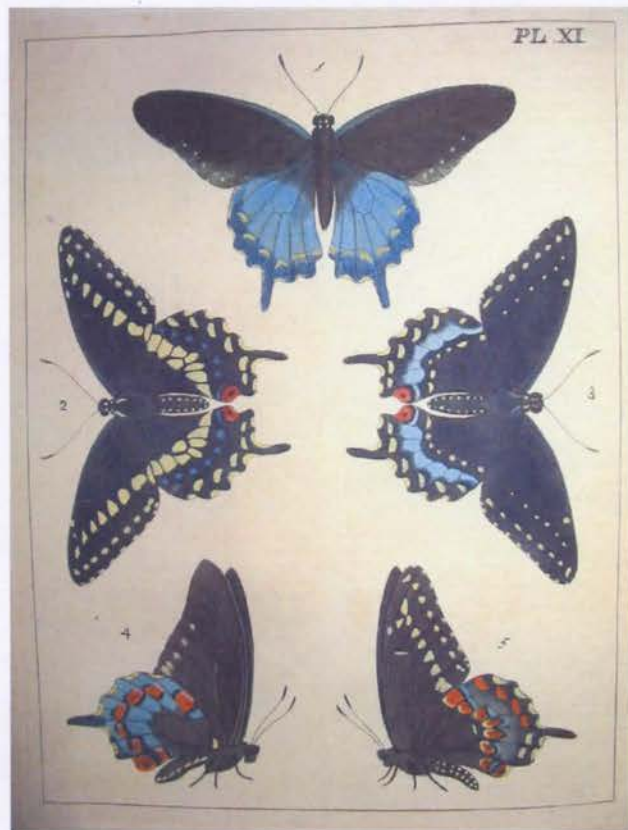
Jackie Miller giving her presentation on Castniidae moths.



June and Floyd Preston and George Krizek.



1. Plate 9 from Volume One of Drury's *Illustrations of Natural History* (1770). Both moth species were collected in New York. Notice that dorsal and ventral sides are shown. Photograph by H. Wayne Leabee.



2. Plate 11 from Volume One of Drury's *Illustrations of Natural History* (1770). The butterflies were obtained from New York, Maryland and Virginia. Photograph by H. Wayne Leabee.



3. Plate number 86 from the *Natural History of Carolina, Florida and the Bahama Islands* (1731) by Mark Catesby. These plates were engraved, printed and colored by Catesby himself. Photograph by H. Wayne Leabee.



4. Plate number 83 from the *Natural History of Carolina, Florida and the Bahama Islands* (1731) by Mark Catesby. Catesby introduced plant materials into his watercolors, but not necessarily host plants. Photograph by H. Wayne Leabee.



Abbot's Great Brown Emperor Moth



Abbot's Humble-Bee Hawk Moth



Abbot's Black Emperor Moth



Abbot's Swallowtailed Skipper



Abbot's White-Bordered Skipper



Abbot's Peacock Emperor Moth



Abbot's Fringe Tree Hawk Moth



Abbot's Great American Fritillary



Abbot's Black and Blue Admirable



Abbot's Tobacco Hawk Moth



Abbot's Little Blue Argus Butterfly



Abbot's American Comma Butterfly

EACLES IMPERIALIS (DRURY) AND *E. I. NOBILIS* NEUMOEGEN IN LOUISIANA

BY
VERNON ANTOINE BROU JR.

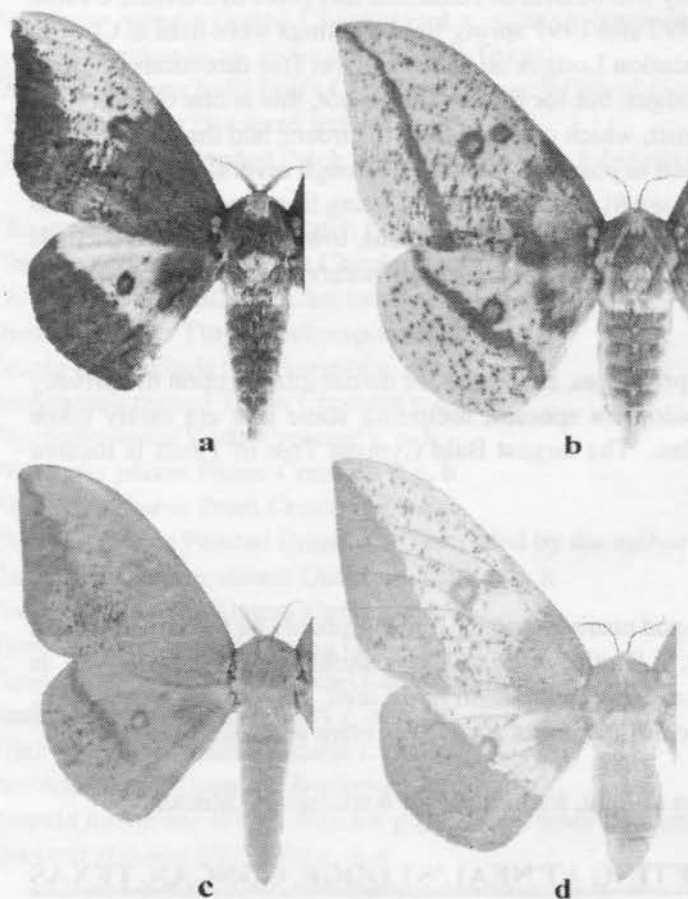


Fig. 1. *Eacles imperialis imperialis* a. male, b. female, *Eacles imperialis nobilis* c. male, d. female.

The well known imperial moth *Eacles imperialis* (Drury)(Fig. 1a, b) occurs over much of Louisiana. Also, in Natchitoches Parish (Fig. 2) the subspecies *Eacles imperialis nobilis* Neum. (Fig. 1c, d) has been collected by this author in the Kisatchie National Forest. Males of *nobilis* can often appear a rusty brown in color, with the yellow areas of nominate *imperialis* replaced entirely with rusty orange color. Ferguson (1971) discusses the "highly developed polymorphism" of *nobilis* populations, where there are three forms, distinguishable in appearance. Capture dates are shown in Fig. 3.

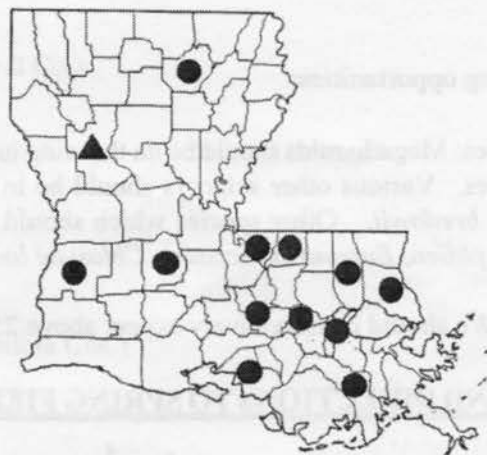


Fig. 2. Parishes in which *E. i. imperialis* ● and *E. i. nobilis* ▲ have been recorded.

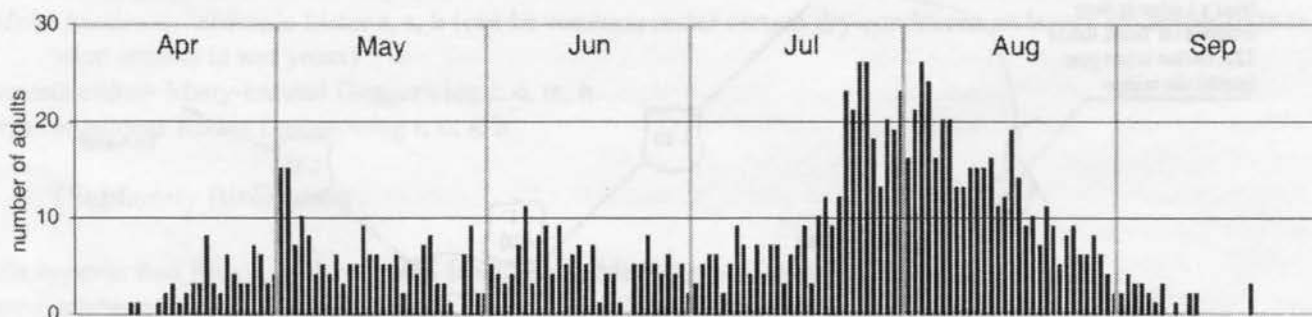


Fig. 3. *Eacles i. imperialis* taken at sec.24T6SR12E, 4.2 mi.NE Abita Springs, Louisiana, n = 1137.

Literature Cited

Ferguson,D.C. in Dominick, R. B. et al., 1971. *The Moths of America North of Mexico*, fasc. 20.2A, Bombycoidea (in part).

(Vernon Antoine Brou Jr., 74320 Jack Loyd Road, Abita Springs, Louisiana, 70420; e-mail: vabrou@bellsouth.net)

SPRING FIELD MEETING (2004) TO BE HELD IN CONCAN, TEXAS**HOST - TERRY DOYLE**

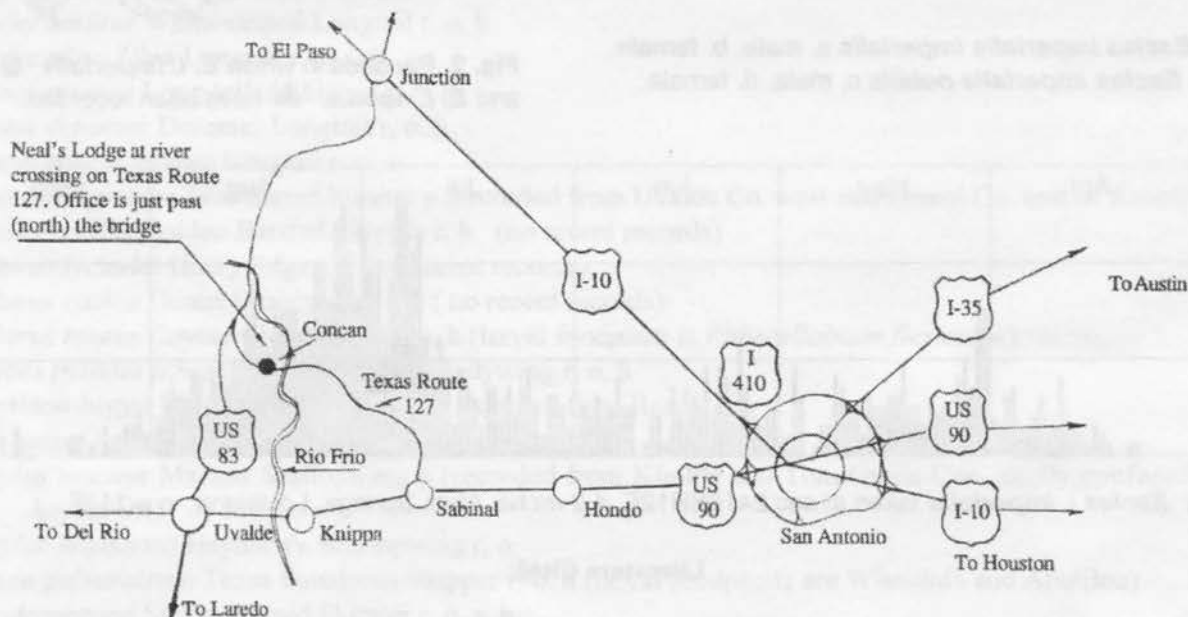
A spring field meeting of the Southern Lepidopterists' Society will be held in Texas and take place in Concan, Uvalde County, the weekend of May 21, 22, and 23, 2004. The 1992 and 1997 spring field meetings were held at Concan and were well attended. The location will be at Neal's Vacation Lodges on 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 61 cabins accommodating from 2 to 6 persons (\$60-\$300/night). Trailer hookups (7 hookup sites at \$30/night) are also available. Linens, towels and kitchen utensils are supplied. (The management has said that they will offer a special spring birder/nature group discount of 20% off each cabin.)

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 probably be too late to collect immatures. Various other skippers should be in the area. *Papilio multicaudatus* should be present as well as *Adelpha bredowii*. Other species which should be on the wing include: *Strymon alea*, *Heliconius charitonius*, *Phoebis philea*, *Eurema mexicanum*, *Chlosyne lacinia*, *Thessalia theona*, *Phyciodes vesta* and *Mestra amymone*.

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

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.

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 March. Call Mary Anna Roosa at (830) 232-6118 for more information and reservations, between 8 AM-5 PM daily [Also see Neal's web site: www.nealslodges.com; E-mail: nealslod@hctc.net]. 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 22nd at 5 PM.

If you plan to stay with the group or need directions or other information, contact: Terry Doyle, 13310 Bar C Dr., San Antonio, Texas 78253 [Phone: (231) 679-7413, E-mail: TDoyle3@aol.com].

[Note: This announcement for our Spring field meeting was plagiarized from the SL News Vol. 18 NO.4 December 31, 1996. It was updated and changed for our 2004 meeting. I thank the original writer for lessening my work - The Editor.]

TREASURER'S REPORT

Current Treasurer's Report from January 1st, 2003 to November 30, 2003:

Beginning Balance as of January 1st, 2003 = \$1644.25

Dues and Contributions = \$2858.05

Expenses = \$2371.44

Ending Balance as of November 30, 2003 = \$2130.86

Dues and Donations:

- a) We collected \$200.55 at our joint meeting with the Tropical Lepidopterists' Society in September
- b) Dues \$1919
- c) Donations \$738.50

Expenses:

- a) Bank Fees \$10.75
- b) Postage for Newsletters and other Mailings \$741.92
- c) Printing Newsletters \$1433.95
- d) Abbot Award 2003 \$95.94
- e) Annual Meeting Expenses \$65.88
- f) Postage Due Stamp For Delinquent Members \$23

Respectfully submitted,

Jeff Slotten

REMINDER: 2004 DUES are now due. Please send remittance to Jeff Slotten, Treasurer, 5421 NW 69th Lane, Gainesville, FL 32653.

WEBSITE: Got nothing better to do!!! Check out the Website of the Southern Lepidopterists' Society (www.southernlepsoc.org/).

SOME INTERESTING RECORDS FROM TEXAS

BY

JOSEPH F. DOYLE III

Some of these are new records for the author and others as reported to him. Others are records of uncommon or migratory strays. Some are natural dispersal records as a result of Hurricane Erika that came inland just below Brownsville, TX, in extreme ne Mexico on August 16, 2003. It produced rains over a two day period at the author's home in western Bexar Co. that totaled 30". Twenty two new county records for Gillespie County are recorded here for the first time. Many central Texas Hill Country lepidoptera have not been recorded in recent times. Hopefully this will be corrected by diligent field work. Additionally, many other counties in Texas have the same degree of need. New county records indicated by asterisk. Various new larval foodplant records are reported here. Thanks extended to R.O. Kendall for determinations and access to some species field notes and E.C. Knudson and J. Donald Lafontaine for determinations.

Contributors: JFD, J.F. Doyle; JEG, Dr. J.E. Gillaspay; HA, Harold Aschen; PMK, P.M. Kalisek; JK, Jeremy Kuhn; WLL, William L. Lindemann; VLN, V.L. Nedbalek; PLP, Patty Leslie Pasztor; RSP, Richard S. Peigler; SS, S. Stautzenberger; MWW, Michael William Witteman.

Filatima biforella, Hudspeth Co., 1 f, 13 Apr. '02*, Indio Mts. Research Sta., el. 4040', 25 mi. sw of Van Horn, at BL (JFD). Determined by E.C. Knudson.

Lactura psammitis, Bexar Co., 1 m, 16 Mar., 1 m, 18 Mar., 1m, 21 Mar. 1996, 13310 Bar C Dr., *ex larvae*, found and reared on *Bumelia languinosa* var. *rigida*, larva fed on foliage. Det. by R.O. Kendall, (JFD).

Sphingicampa heiligbrodti, La Salle Co., 1 f, 14 Sep. '99*, S.H. 97, 6 mi. e. of Fowlerton at BL. Live Oak Co., 1 m, 3 Sep. '99*, 1 m, 30 Apr., 1 m, 18 Aug. '03, rest stop, I.H. 37, 5 mi. so. of S.H. 99 exit (JFD).

Manduca rustica, Victoria Co., 3 Oct. '03*, taken by a student of Harlen Aschen, a teacher in Victoria, photo, (HA).

Erinnyis ello, La Salle Co., 14 Sep. 1999*, 1 f, county park, Fowlerton, at BL (JFD).

Erinnyis obscura, Bexar Co., 1 f, 13 Dec.'03, Helotes, late record (JFD).

Spodoptera ornithogalli, Medina Co., 4 May '02, *ex larva*, 5 mi. e. of Sabinal on U.S. 90, new larval foodplant, *Castilleja purpurea*, larva found and reared on blossoms, immature seeds and foliage (JFD).

Paranthrene simulans, Lamar Co., 1 m, 26 Apr.'03*, Camp Maxey Mil. Res., Powderly, Dogwood Borer lure, form *palmii* (JFD).

Synanthedon pictipes, Lamar Co., 1 m, 26 Apr.'03*, Camp Maxey Mil. Res., Powderly, E<Z<3,13,ODDA (JFD).

Synanthedon decipiens, Bexar Co., 1 m, 23 Mar*., 1 m, 28 Sep., 1 m, 23 Oct. '03, 13310 Bar C Dr., ZZ,ODDA (JFD). 1 m, 14, 18, 21, 24, 25 Jul., 1 m, 6 Sep., 4 m, 9 Sep., 4 m, 16 Sep., 1 m, 17, 18 Sep., 2 m, 19 Sep. '03, 3442 Green Springs Dr., PB-PATA, (RSP).

Podesia syringae, Lamar Co., 6 m, 26 Apr.'03*, Camp Maxey Mil. Res., Powderly, EZ,ODDA, (JFD).

Cabares potrillo, Gillespie Co., photo, 4 Nov. '03*, nectaring on cowpen daisy, *Verbesina encelioides* (WLL). Northwest range extension, previously known from only five Texas counties; Bexar, Cameron, Comal, Hidalgo and Starr.

Eantis tamenund, Bexar Co., 31 Oct. '03, sight record, Eisenhower Park, San Antonio (PLP & JFD). Fall migrant, also taken at 13310 Bar C Dr., 1 f, 16 Sep. 1995 (JFD).

Pyrgus communis, Gillespie Co., 20 May.'02*, 4 miles w. of Fredericksburg off U.S. 290, photo, (WLL).

Pyrgus oileus, Gillespie Co., Mar. '01*, photo, 4 miles w. of Fredericksburg off U.S. 290, (WLL).

Lerema accius, Gillespie Co., 23 Oct.'02*, 4 miles w. of Fredericksburg off U.S. 290, photo, (WLL).

Copaeodes aurantiacus, Gillespie Co., 24 May'02*, Lady Bird Johnson Mun. Pk., photo, (WLL).

Amblyscirtes eos, Gillespie Co., 15 May, '02*, 4 miles w. of Fredericksburg off U.S. 290, photo, (WLL).

Calpodis ethlius, Gillespie Co., 15 Aug. '02*, 4 miles w. of Fredericksburg off U.S. 290, photo, (WLL).

Panoquina ocola, Gillespie Co., 4 Nov.'03*, 4 miles w. of Fredericksburg off U.S. 290, photo, (WLL).

Calycopis isobea, Gillespie Co., 4 Nov.'03*, 4 miles w. of Fredericksburg off U.S. 290, photo, (WLL).

Libytheana carinenta, Gillespie Co., 18 Aug.'02*, 4 miles w. of Fredericksburg off U.S. 290, photo, (WLL).

Nymphalis antiopa, Gillespie Co., 20 Jun.'01*, sight record, (WLL).

Limnitis arthemis astyanax, Gillespie Co., 13 Jun.'01*, sight record, (WLL).

Limnitis archippus, Gillespie Co., 15 Jun.'02*, Lady Bird Johnson Mun. Pk., photo, (WLL).

- Mestra amymone*, Gillespie Co., 5 Sep.'02*, sight record, (WLL).
- Mitoura grynea castalis*, Gillespie Co., 25 Mar.'02*, 4 miles w. of Fredericksburg off U.S. 290, photo, (WLL).
- Fixsenia ontario autolytus*, Gillespie Co., 12 May'02*, 4 miles w. of Fredericksburg off U.S. 290, photo, (WLL).
- Strymon istapa*, Gillespie Co., 4 Nov.'03*, 4 miles w. of Fredericksburg off U.S. 290, photo, (WLL).
- Leptotes marina*, Gillespie Co., 7 Jun.'02*, Lady Bird Johnson Mun. Pk., photo, (WLL).
- Hemiargus ceraunus*, Gillespie Co., 21 Jul.'02*, Lady Bird Johnson Mun. Pk., photo, (WLL).
- Eurema mexicana*, Bexar Co., 19 Nov. '03, 13310 Bar C Dr., photo (JFD). Fall migrant. Gillespie Co., 5 Jun.'03*, 4 miles w. of Fredericksburg off U.S. 290, photo, (WLL).
- Eurema proterpia*, Gillespie Co., photo, 16 Nov. '03, (WLL), northwestern range extension. Bexar Co., 12 Nov. '03, photo, Eisenhower Park (PLP).
- Everes comyntas*, Bexar Co., 10 Oct.'03, Mc Callister Park, San Antonio (JK).
- Calephelis perditalis*, Bexar Co., 3 Oct.'03, O.P. Schnabel Park, San Antonio (JK).
- Dryas iulia*, Bexar Co., 10 Oct.'03, Mc Callister Park, San Antonio (JK).
- Heliconius charithonia*, Bexar Co., 10 Oct.'03, Mc Callister Park, San Antonio (JK), 29 Oct. '03, 13310 Bar C Dr., nectaring on Boneset, *Eupatorium havanense*, latest fall record at this location (JFD). 20 Nov. '03. 126 Calumet Place, nectaring on *Pentas lanceolata* (PLP).
- Thessalia theona bolli*, Gillespie Co., 2 Aug. '03*, photo, Cross Mountain (WLL).
- Anartia jatrophae*, Bandera Co., 22 Oct. 1939*, Medina, specimen in lepidoptera collection at St. Mary's University, San Antonio, det. by JFD, collector unknown, fall migrant to central Texas.
- Siproeta stelenes*, Bexar Co., 15 Nov. '03, 12220 New Sulphur Springs Rd., Adkins, resting on Live Oak, *Quercus virginiana*, specimen in Wittman Coll. (MWW). Fall migrant.
- Adelpha bredowii*, Kendall Co., 30 Nov.'03, 11 mi. no. of Comfort, resting on Buttonbush, *Cephalanthus occidentalis*, late occurrence, worn (PLP).
- Dynamine dyonis*, Bexar Co., 10 Oct.'03, Mc Callister Park, San Antonio (JK).
- Adelpha fessonia*, Kleberg Co., 1 f, 17 Oct. 1969* (VLN), 1 ?, 17 Dec., 1970 (PMK), 1 m, 5 Feb. 1972 (JEG), specimens in Archive Collection of Texas A & M University Kingsville.
- Myscelia ethusa*, Bee Co., 27 Oct. 1973* (SS), specimen in Archive Collection of Texas A & M University Kingsville.
- Marpesia zerynthia*, Bexar Co., 12 Aug. '87*, 12220 New Sulphur Springs Rd., Adkins, nectaring on white brush, *Aloysia gratissima*, specimen in Wittman Coll. (MWW).
- Danaus eresimus*, Bexar Co., 19 Nov. '03, 13310 Bar C Dr., photo (JFD). Fall migrant.
- Argyrotaenia quercifolia*, Lamar Co., 1 m, 26 Apr.'03*, Camp Maxey Mil. Res., Powderly, at BL, (JFD).
- Platynota rostrana*, Nueces Co., 1 f, 6 Apr. 01*, Hazel Bazemore Co. Park, Det. by R.O.Kendall, (JFD).
- Pyrausta pseuderosnealis*, Val Verde Co., 1 m, 27 Oct. 1990, Devils River SNA at BL. Det. by E.C. Knudson (JFD).
- Pyrausta tyralis*, Wilson Co., 1 m, 16 Jun. 1995*, 2 mi. se U.S. 181 and FM 3444 at BL (JFD).
- Desmia funeralis*, Lamar Co., 3 m, 26 Apr.'03*, Camp Maxey Mil. Res., Powderly, at BL, (JFD).
- Desmia maculalis*, Lamar Co., 1 m, 26 Apr.'03*, Camp Maxey Mil. Res., Powderly, at BL, piney woods, (JFD).
- Blepharomastix ranalis*, Lamar Co., 3 m, 26 Apr.'03*, Camp Maxey Mil. Res., Powderly, at BL, (JFD).
- Condylorrhiza vestigialis*, Val Verde Co., 1 m, 27 Oct. 1990, Devils River SNA, at BL. Det. by E.C. Knudson (JFD).
- Lygropia octonalis*, Val Verde Co., 1 m, 27 Oct. 1990, Devils River SNA at BL. Det. by E.C. Knudson (JFD).
- Psara obscuralis*, Bexar Co., 1 f, 9 Aug. 1999, ex larva, 13310 Bar C Dr., new larval foodplant, found and reared on *Celtis reticulata*, larva fed on foliage (JFD).
- Euchromius ocellus*, Val Verde Co., 1 m, 27 Oct. 1990, Devils River SNA, at BL. Det. by E.C. Knudson (JFD).
- Omphalocera cariosa* Uvalde Co., 1 m, 30 Jul. 1994, Concan, at BL, Det. by E.C. Knudson. 1 f, 29 Mar. 1998, ex larva, near Medina/Uvalde Co. line, new larval foodplant, found and reared on *Castilleja purpurea* (JFD).
- Semiothisa punctolineata*, Val Verde Co., 1 m, 27 Oct. 1990, Devils River SNA, at BL. Det. by E.C. Knudson (JFD).
- Semiothisa multilineata*, Lamar Co., 1 m, 26 Apr.'03*, Camp Maxey Mil. Res., Powderly, at BL, (JFD).
- Semiothisa cyda*, Hudspeth Co., 1 f, 13 Apr. '02*, Indio Mts. Research Sta., el. 4040', 25 mi. sw of Van Horn, at BL (JFD).
- Narraga fimentaria*, La Salle Co., 1 m, 14 Sep. '99*, S.H. 97, 6 mi. e. of Fowlerton at BL (JFD).
- Chloraspilates bicoloria arizonaria*, Hudspeth Co., 2 m, 1 f, 13 Apr. '02*, Indio Mts. Research Sta., el. 4040', 25 mi. sw of Van Horn, at BL (JFD).
- Euchlaena obtusaria*, Lamar Co., 1 m, 26 Apr.'03*, Camp Maxey Mil. Res., Powderly, at BL, (JFD).

- Probole alienaria nyssaria*, Lamar Co., 1 m, 26 Apr.'03*, Camp Maxey Mil. Res., Powderly, at BL, (JFD).
- Philatraea paucimacula*, Hudspeth Co., 5 m, 2 f, 13 Apr. '02*, Indio Mts. Research Sta., el. 4040', 25 mi. sw of Van Horn, at BL (JFD).
- Caripeta aretaria*, Lamar Co., 1 f, 26 Apr.'03*, Camp Maxey Mil. Res., Powderly, at BL, (JFD).
- Idaea demissaria*, Wilson Co., 1 f, 16 Jun. 1995*, 2 mi. se U.S. 181 and FM 3444 at BL (JFD).
- Datana diffidens*, SarPatricio Co., 1 f, 22 Jun.'97*, ex larva, Portland, new larval foodplant, found and reared on Live Oak, *Quercus virginiana* (JFD).
- Hippia packardii*, Bexar Co., 1 m, 30 Apr. 1996*, ex larvae, 13310 Bar C Dr., found and reared on *Sapindus drummondii*, larva fed on foliage (JFD).
- Macrurocampa marthesia*, Lamar Co., 1 m, 26 Apr.'03*, Camp Maxey Mil. Res., Powderly, at BL, (JFD).
- Schizura unicornis*, Val Verde Co., 1 m, 27 Oct. 1990, Devils River SNA, at BL. Det. by E.C. Knudson (JFD).
- Tathorynchus exsicattus*, Kinney Co., 1 m, 19 May, 1990, Kickapoo Caverns S.P. at BL. Det. by E.C. Knudson (JFD).
- Holomelina opella*, Lamar Co., 1 f, 26 Apr.'03*, Camp Maxey Mil. Res., Powderly, at BL, (JFD).
- Euerythra trimaculata*, Bexar Co., 1 f, 11 May, 2000, Applewhite Rd., 2.5 mi. s. of S.H. 1604, Wilson Co., 3 f, 16 Jun. 1995*, 2 mi. se U.S. 181 and FM 3444 at BL (JFD).
- Pygarctia spraguei*, La Salle Co., 1 f, 14 Sep. '99*, S.H. 97, 6 mi. e. of Fowlerton at BL (JFD).
- Bomolocha bijugalis*, Lamar Co., 1 m, 26 Apr.'03*, Camp Maxey Mil. Res., Powderly, at BL, (JFD).
- Anomis illita*, Val Verde Co., 2 f, 27 Oct. 1990, Devils River SNA, at BL. Det. by E.C. Knudson. (JFD).
- Hypsoropha monilis*, Lamar Co., 1 f, 26 Apr.'03*, Camp Maxey Mil. Res., Powderly, at BL, (JFD).
- Melipotis indomita*, Hudspeth Co., 1 m, 13 Apr. '02*, Indio Mts. Research Sta., el. 4040', 25 mi. sw of Van Horn, Val Verde Co., 1 f, 27 May 1990, Devils River SNA, Wilson Co., 2 m, 16 Jun. 1995* 1 m, 30 May '01, 2 mi. se U.S. 181 and FM 3444 at BL (JFD).
- Melipotis jucunda*, Wilson Co., 1 f, 16 Jun. 1995*, 2 mi. se U.S. 181 and FM 3444 at BL (JFD).
- Bulia deducta*, Kinney Co., 1 m, 1 f, 19 May, 1 m, 29 Sep. 1990, Kickapoo Caverns S.P. Kenedy Co., Det. by E.C. Knudson, 1 f, 20 Apr.'01*, Kenedy Ranch, San Pedro Camp, Val Verde Co., 1 m, 1 f, 27 Oct. 1990, Devils River SNA at BL. (JFD).
- Bulia similaris*, La Salle Co., 1 m, 14 Sep. '99*, S.H. 97, 6 mi. e. of Fowlerton at BL (JFD).
- Hypocala andremona*, Val Verde Co., 2 f, 27 Oct. 1990, Devils River SNA, at BL (JFD).
- Catocala consors*, Wilson Co., 4 m, 30 May '01*, 2 mi. se U.S. 181 and FM 3444 at BL (JFD).
- Catocala epione*, Harris Co., 1 m, 25 Apr. 1972, Memorial Park, Houston, (JFD).
- Catocala muliercula*, Bowie Co., 1 m, 5 Aug. 1992, Atlanta S.P. at BL. Det. by E.C. Knudson (JFD).
- Catocala messalina*, Kenedy Co., 1 f, 20 Apr.'01*, Kenedy Ranch, San Pedro Camp, at BL (JFD).
- Catocala micronympha*, Kennedy Co., 1 m, 20 Apr.'01*, Kenedy Ranch, San Pedro Camp, Kinney Co., 1 f, 19 May 1990, Kickapoo Cavern S.P. Det. by E.C. Knudson, Wilson Co., 1 m, 1 f, 30 May'01*, 2 mi. se U.S. 181 and FM 3444, Uvalde Co., 1 f, 23 Jun 1995 at BL (JFD).
- Catocala micronympha* f. *gisela*, Uvalde Co., 1 m, 21 May, 1995, Concan at BL (JFD).
- Catocala amica*, Wilson Co., 2 m, 16 Jun. 1995*, 30 May'01, 1 m, 3 f, 2 mi. se U.S. 181 and FM 3444 at BL (JFD).
- Catocala amica* f. *suffusa*, Wilson Co., 1 m, 16 Jun. 1995*, 2 mi. se U.S. 181 and FM 3444 at BL (JFD).
- Cydosia aurivitta*, Kinney Co., 1 m, 29 Sep. 1990, Kickapoo Caverns S.P., Wilson Co., 4 m, 30 May '01*, 2 mi. se U.S. 181 and FM 3444 at BL
- Acontia lanceolata*, Brewster Co., 2 m, 3, 13 Oct. 1996, ex larvae, 8 mi. e. of Lajitas, new larval foodplant, found and reared on Narrowleaf Globe Mallow, *Sphaeralcea angustifolia* (JFD).
- Acontia areli*, Hudspeth Co., 1 f, 13 Apr. '02*, Indio Mts. Research Sta., el. 4040', 25 mi. sw of Van Horn, at BL (JFD). Determined by Dr. J. Donald Lafontaine
- Acontia cretata*, Wilson Co., 1 m, 16 Jun. 1995*, 1 m, 30 May'01, 2 mi. se U.S. 181 and FM 3444 at BL (JFD).
- Bagisara buxea*, Brewster Co., 1 f, 8 Oct. 1996, 2 m, 10 Oct. 1996, ex larvae, F.M. 170, 8 mi. e. of Lajitas. 1 m, 13 Oct. 1996, ex larva, 36 mi. w. of Sanderson on U.S. 90. 1 f, 25 Mar. 1997, ex larva, Lajitas, new larval foodplant, found and reared on Narrowleaf Globe Mallow, *Sphaeralcea angustifolia*, larvae fed on foliage (JFD).
- Acronicta vinnula*, Bexar Co., 1 m, 3 Jun. 1995, 13310 Bar C Dr. at BL (JFD).
- Magusa orbifera*, Val Verde Co., 1 m, 1 f, 27 Oct. 1990, Devils River SNA at BL. Det. by E.C. Knudson (JFD).

- Spodoptera ornithogalli*, Medina Co., 1 m, 4 May '02*, 5 mi. e. of Sabinal, new larval foodplant, found and reared on *Castilleja purpurea*, larva fed on blossoms and foliage (JFD).
- Stibadium navium*, Kinney Co., 1 f, 27 Oct. 1990, Kickapoo Caverns S.P. at BL. Det. by E.C. Knudson (JFD).
- Platysenta videns albipuncta*, Medina Co., 1m, 11 Nov. '02*, *ex larva*, Hondo Creek at U.S. 90, found and reared on Broomweed, *Amphiachyris dracunculoides* (JFD).
- Oncocnemis pernotata*, Kinney Co., 1 f, 27 Oct. 1990, Kickapoo Caverns S.P. at BL. Det. by E.C. Knudson (JFD).
- Oncocnemis toddi*, Val Verde Co., 1 m, 27 May 1990, Devils River SNA at BL. Det. by E.C. Knudson (JFD).
- Lacinipolia teligera*, Val Verde Co., 1 m, 27 Oct. 1990, Devils River SNA at BL. Det. by E.C. Knudson (JFD).
- Lacinipolia implicata*, Val Verde Co., 1 f, 27 Oct. 1990, Devils River SNA at BL. Det. by E.C. Knudson (JFD).
- Agrotis malefida*, Lamar Co., 1 m, 26 Apr. '03*, Camp Maxey Mil. Res., Powderly, at BL, (JFD).
- Anicla infecta*, Bexar Co., 1 m, 8 Aug. 1993*, 13310 Bar C Dr., at BL, Det. by E.C. Knudson (JFD). Wilson Co., 1 f, 16 Jun. 1995*, 2 mi. se U.S. 181 and FM 3444 at BL (JFD).
- Peridroma saucia*, Lamar Co., 1 m, 26 Apr. '03*, Camp Maxey Mil. Res., Powderly, at BL, (JFD).
- Helicoverpa zea*, Wilson Co., 1m, 1 f, 16 Jun. 1995*, 2 mi. se U.S. 181 and FM 3444 at BL (JFD).
- Heliothis virescens*, Bexar Co., 1 m, 30 Aug. 1967*, *ex larva*, 6438 Flintrock, new larval foodplant, found and reared on Bird-Of-Paradise, *Caesalpinia gilliesii*, larva fed on immature seeds. 1 f, 4 Oct. 1996, *ex larva*, 13310 Bar C Dr., new larval foodplant, *Sida*, *Sida felicaulis*, larva fed on immature seeds. 1 f, 7 Oct. 1996, *ex larva*, 13310 Bar C Dr., new larval foodplant, *Croton* sp., larva fed on immature seeds (JFD).
- Heliothis phloxiphaga*, Medina Co., 1 f, 25 Apr. 1996, *ex larva*, 100 yds. E. of Medina/ Uvalde county line. Uvalde Co., 3m, 20 Apr. '00*, 1m, 24 Apr. '00, all *ex larvae*, S.H. 127 at C. R. 388, 10 mi. no. of Sabinal, new larval foodplant, larvae found and reared on Indian Paintbrush, *Castilleja purpurea*, larvae fed on blossoms, immature seeds and foliage (JFD).
- Heliothis toralis*, La Salle Co., 1 f, 14 Sep. '99*, S.H. 97, 6 mi. e. of Fowlerton at BL (JFD).
- Schinia volupia*, Wilson Co., 3 m, 16 Jun 1995*, 3 m, 30 May '01, 2 mi. se U.S. 181 and FM 3444 at BL (JFD).

(Joseph F. Doyle III, 13310 Bar C Dr., San Antonio, Texas)

REPORTS OF STATE COORDINATORS

Alabama: C. Howard Grisham, 573 Ohatchee Road, Huntsville, AL 35811, E-Mail: chgrisham@Comcast.net

Arkansas: Mack Shotts, 514 W. Main Street, Paragould, AR 72450, E-Mail: cshotts@grnco.net

Florida: Robert Beiriger, 16356 Trafalgar Drive, East, Loxahatchee, FL 33470, E-Mail: bostrichid@mail.ifas.ufl.edu

Georgia: James K. Adams, 346 Sunset Drive SE, Calhoun, GA 30701, E-Mail: jadams@em.daltonstate.edu (Please check out the new GA leps website at: <http://www.daltonstate.edu/galeps/>)

James Adams reports the following:

A couple of corrections to the report in the previous newsletter:

Papaipema furcata, Sept. 17 (erroneously listed under GA Hwy. 515, 6 mi. S. Jasper), should be GA Hwy. 60, 5 mi. S.E. Dahlonga, Lumpkin Co.

Synanthedon decipiens, (erroneously listed as Aug. 20-21, Gates Chapel Rd.) should be Sept. 15, 2003, Atlanta, Fulton Co.

This has been a particularly good year lep-wise in Georgia. Even in my neighborhood I've encountered some excellent species, and the statement from the last field report that "there could be some good migrant records yet this fall" was fulfilled by species like *Mouralia tinctorides* and *Chytonix sensilis* on my back porch – these are species of south coastal Georgia typically. And the Tropical Checkered Skipper (*Pyrgus oileus*) experienced an outbreak in

S. GA, with many new county records for a species that had been found only a couple of other times in the state (see last portion of this report). Several other uncommon species were encountered (with many new county records), and one new state record (*Epirrita autumnata*) was established (don't forget that *Eurema mexicana* was a new state record in the previous report); it is also possible that *Diastema tigris* had not been recorded in the state before this fall. Records are from James Adams (no notation), Irving Finkelstein (IF), Jim Vargo (JV), Lance Durden, John Hyatt, Marc Minno, Jim Flynn, Earl Horn, Giff Beaton, and Pierre Howard. Most records presented here represent new or interesting records (range extensions, unusual dates, uncommon species, county records, etc.) or newly identified species, mostly for NW Georgia. Known County and State records are indicated. All records/dates listed below are mine and/or 2003 unless otherwise specified.

Calhoun, Gordon Co., GA (my house):

NOCTUIDAE: *Mouralia tinctorides*, Nov. 11 (COUNTY, few known from GA); *Callopietria floridensis*, Nov. 3 (LATE!); *Papaipema marginidens*, Oct. 29 (COUNTY); *Chytonix sensilis*, Sept. 24 (COUNTY, many more records from Ohoopee Dunes, etc.; see below); *Lithophane viridipallens*, Nov. 20; *Eupsilia vinulenta*, Nov. 19; *Metaxaglaea inulta*, Nov. 1. **GEOMETRIDAE:** *Idaea bonifata*, Sept. 8 (COUNTY).

Cane Area, End of Tate Bend Rd. Calhoun, Gordon Co. GA:

NOCTUIDAE: *Mocis marcida*, Nov. 1 (COUNTY); *Papaipema* sp. (#3 of Quinter; cane feeder), Oct. 4.

Carbondale, Exit 326 off of I-75, Whitfield Co., GA:

NYMPHALIDAE: *Danaus plexippus*, Nov. 11 (LATE). **SPHINGIDAE:** *Agrius cingulatus*, Sept. 29. **NOCTUIDAE:** *Anomisillita*, Oct. 21; *Ascalapha odorata*, Oct. 16; *Catocala robinsoni*, Nov. 12 (LATE); *Papaipema cerrusata*, Oct. 29, *Meropieon cosmion*, Nov. 6 (COUNTY); *Metaxaglaea semitaria*, Nov. 12.

Camp Sidney Dew, Floyd Co., Oct. 25 (most are COUNTY records):

LASIOCAMPIDAE: *Tolype notialis*, *T. velleda*. **NOCTUIDAE:** *Papaipema cerrusata*, *P. marginidens*, *P. polymniae* (LATE), *P. cataphracta*, *Agnorisma bollii*.

Rocky Face Ridgeline (near or at top of Dug Gap), just SW of Dalton, Whitfield Co.:

NOCTUIDAE: *Dyspyralis puncticosta*, Sept. 24; *Xylotype capax*, Nov. 5; *Oligia fractillinea*, Sept. 24; *Heliocheilus lupatus*, Sept. 24. **PYRALIDAE:** *Choristostigma roseipennalis*, Sept. 24.

Wildwood, I-24 exit 169, Dade Co., Nov. 14, 16:

NOCTUIDAE: *Lithophane antennata*, *L. grotei*. **GEOMETRIDAE:** *Phigalia denticulata* (very EARLY, not normally out until late January!)

Salacoa Road at Salacoa Creek, 5 miles SE of Fairmount, NE corner of Bartow Co., Oct. 18:

NOCTUIDAE: *Papaipema polymniae* (LATE), *P. cataphracta*.

GA Hwy. 515, 6 miles S of Jasper, Pickens Co., IF:

SPHINGIDAE: *Eumorpha fasciata*, October 8.

Gates Chapel Rd., 8 mi. NW of Ellijay, Gilmer Co., IF:

NOCTUIDAE: *Trichordestra legitima*, Sept. 6.

Wal-Mart Shopping area, 0.5 mi. E. Dahlonega, Lumpkin Co.: Nov. 1, IF:

NOCTUIDAE: *Papaipema eupatorii*.

Rabun Bald, Rabun Co., Nov. 8 (with IF):

Very few moths were out, but this trip was made with basically one target in mind – the geometrid moth *Epirrita autumnata*, which had been collected in Highlands, NC at this time of year. We were successful!

NOCTUIDAE: *Lithophane antennata* (COUNTY). **GEOMETRIDAE:** *Epirrita autumnata* (2 specimens; STATE).

Dillard, Rabun Co., Nov. 8, **IF**:

NOCTUIDAE: *Metaxglaea semitaria* (**COUNTY**).

I-75 exit 285 (Red Top Mountain State Park exit), Bartow Co., Nov. 22 (**IF**):

GEOMETRIDAE: *Eutrapela clemataria* (**LATE!**)

Atlanta, Fulton Co. (**IF**'s house and nearby):

NYMPHALIDAE: *Danaus plexippus*, Nov. 20 (**LATE!**). **NOCTUIDAE**: *Anticarsia gemmatilis*, Nov. 20 (**LATE**); *Macronoctua onusta*, Oct. 21, 2003 (**COUNTY**; second I know of for the state though it should be much more common). **GEOMETRIDAE**: *Idaea scintullinaria*, 31 May 2000 and 4 Sept. 2003 (**COUNTY**). **PYRALIDAE**: *Palpita illibalis*, July 18.

Ohoopsee Dunes Natural Area, Tract 3 (Hall's Bridge Rd), 8 mi. W of Swainsboro, Emanuel Co., with **IF** and **JV**, October 11, 2003: Records I would consider significant are marked with "***".

SPHINGIDAE: *Enyo lugubris*. **LASIOCAMPIDAE**: *Tolyte velleda*. **LYMANTRIIDAE**: *Dasychira tephra*, *D. manto*. **ARCTIIDAE**: *Clemensia albata*, *Cisthene subjecta*, *Hypoprepia fucosa*, *Holomelina aurantiaca*, *H. laeta*, *Grammia parthenice intermedia*, *G. placentia*, *Leucanopsis longa*. **NOCTUIDAE**: *Abablemma brimleyana**, *Redectis pygmaea**, *R. vitrea*, *Schrankia macula*, *Arugisa watsoni**, *Argyrostromis flavistriaria*, *A. carolina*, *Mocis marcida*, *M. latipes*, *Anticarsia gemmatilis*, *Catocala vidua*, *Enigmogramma basigera*, *Argyrogramma verrucae*, *Acronicta afflicta*, *A. brumosa*, *A. tritona*, *Eumicremma minima*, *Chytonix sensilis**, *Elaphria excessa**, *E. festivoideus complex*, *Leucania extincta*, *Leucania incognita*, *Amolita fessa*, *Eucoptocnemis dapsilis**, *Trichosilia geniculata*, *Xestia youngii**, *Schinia siren*, *S. ar*, *S. arcigera*, *Schinia sp. near saturata*. **GEOMETRIDAE**: *Iridopsis pergracilis*, *Cymatophora approximaria*, *Euchlaena sp.*, *Idaea violacearia**, *I. taturata*, *Eulithis gracilentia*. **LIMACODIDAE**: *Isochaetes beutenmulleri* (**LATE!**). **PYRALIDAE**: *Melitara prodenalis*, *Dioryctria amatella*, *D. taedivorella*, *Glyphodes sibillalis*, *Pyrausta laticlavata*, *Epipagis huronensis*. **TORTRICIDAE**: *Eucosma mobilensis*, *Sparganothis lamberti**. **GELECHIIDAE**: *Aroga sp.*, near *coloradensis* (incredibly abundant!). **SESSIIDAE**: *Synanthedon acerni*.

Ohoopsee Dunes NA, Tract 4 (Covena Tract), 9 mi. SW of Swainsboro, Emanuel Co., with **IF**, Oct 12-14, 2003:

HESPERIIDAE: *Problema byssus**, *Pyrgus albescens** (**COUNTY**), *Copaeodes minimus*. **PIERIDAE**: *Colias caesonis*. **LYCAENIDAE**: *Hemiargus ceraunus*.

SPHINGIDAE: *Enyo lugubris*, *Xylophanes tersa*. **LASIOCAMPIDAE**: *Tolyte notialis*, *Artace cribraria*. **ARCTIIDAE**: *Cisthene packardii*, *C. subjecta*, *Clemensia albata*, *Grammia parthenice intermedia*, *G. placentia* (abundant!), *Leucanopsis longa*. **NOCTUIDAE**: *Idia americalis*, *I. diminuendis*, *I. rotundalis*, *I. lubricalis*, *Polypogon (Zanclognatha) near theralis*, *Renia salusalis*, *Schrankia macula*, *Lesmone detrahens*, *Argyrostromis carolina*, *Argyrostromis sp.* (purplish sheen on forewings; I have no idea as to species; one also collected by John Hyatt at Kittle Island [see below]), *Caenurgina chloropha* (warm brown morph), *Mocis marcida*, *Acronicta brumosa*, *A. tritona*, *Nigetia formosalis*, *Eumicremma minima*, *Chytonix sensilis**, *Oligia fractillinea*(?), *Nedracramulosa*, *Elaphria festivoideus complex*, *Leucania extincta*, *L. multilinea*, *Amolita fessa*, *Condica videns*, *Lacinipolia explicata*, *L. laudabilis*, *L. meditata*, *Orthodes crenulata*, *Eucoptocnemis dapsilis* (common), *Trichosilia geniculata*, *Agrotis ypsilon*, *Schinia scissoides*, *S. ar*, *S. siren*. **GEOMETRIDAE**: *Macaria* (formerly *Semiothisa*) *bicolorata*, *Iridopsis defectaria*, *Cymatophora approximaria*, *Nemoria lixaria*, *Idaea taturata*. **PYRALIDAE**: *Melitara prodenalis*, *Diasemiopsis leodocusalis*, *Pyrausta laticlavata*. **TORTRICIDAE**: *Eucosma quinquemaculana** (second **COUNTY** in state). **GELECHIIDAE**: *Aroga sp. near coloradensis*. **SESSIIDAE**: *Synanthedon exitiosa*.

Twin City, Emanuel Co., at lights, with **IF**, Oct. 13 & 14, 2003:

NYMPHALIDAE: *Vanessa atalanta*. **LASIOCAMPIDAE**: *Tolyte notialis*. **SPHINGIDAE**: *Eumorpha fasciata*, *Enyo lugubris*. **NOTODONTIDAE**: *Peridea angulosa*. **ARCTIIDAE**: *Grammia parthenice intermedia*, *Leucanopsis longa*. **LYMANTRIIDAE**: *Dasychira dorsipennata*. **NOCTUIDAE**: *Catocala maestosa*, *Phlogophora periculosa*, *Chytonix sensilis**, *Phosphila turbulenta*, *Lacinipolia laudabilis*, *Schinia nubila*. **GEOMETRIDAE**: *Little orange ennomine**, *Lobocleta ossularia*. **SESSIIDAE**: *Synanthedon exitiosa*.

Statesboro, Bulloch Co., Lance Durden's house, Oct. 13, 2003:

NOCTUIDAE: *Diastema tigris** (**COUNTY** [STATE?]); *Chytonix sensilis**. **GEOMETRIDAE:** *Macaria* (formerly *Semiothisa*) *distributaria*, *Synchlora aerata*, *Idaea tacturata*. **PYRALIDAE:** *Diasemiopsis leodocusalis*, *Paraponyx allionealis*.

Cordele, Crisp Co., Sept. 28, 2003, with IF:

SPHINGIDAE: *Enyo lugubris*, *Eumorphia fasciata*. **NOCTUIDAE:** *Diphthera festiva*, *Elaphria mucicolora*, *Schinia nubila*. **PYRALIDAE:** *Samea baccatalis*.

Kittles Island, near Meridian, McIntosh Co., John Hyatt:

NOCTUIDAE: *Hypemula cacuminalis*, May 25, 2002; *Argyrostroma* sp. (violet sheen, same as from Ochoopee Dunes tract 4 above); *Phosphila turbulenta*, Sept. 7, 2003. **GEOMETRIDAE:** *Macaria* (formerly *Itame*) *varadaria*, July 4, 2002; *Idaea violacearia*, July 20, 2002.

The Tropical Checkered Skipper (*Pyrgus oileus*) had an outbreak year in Georgia – just a few years ago it was unknown from the state. The following records for Georgia were compiled by Marc Minno (MM), Jim Flynn (JF), Earl Horn (EH), Giff Beaton (GB), and Pierre Howard (PH). All 2003 records are **COUNTY** records (except for Glynn Co.).

Appling Co.: TNC Moody Forest Reserve Office, ca. 10 miles NE of Baxley, 21 August (MM)

Ben Hill Co.: 31 47.845N 83 07.725W, Oct. 18 (JF & EH)

Emanuel Co.: Co. Rd. 198, 32 29.780N 82 20.219W, Nov. 23 (JF & EH)

Glynn Co.: Altamaha Regional Park, Nov. 12 (GB)

Jeff Davis Co.: Co. Rd. 172, 31 49.093N 82 31.737W, Oct. 25 (JF & EH)

Long Co.: Altamaha River @ US 301, Nov. 13 (GB)

Randolph Co.: CR 33, 31 40.572N 84 52.481W, Nov. 15 (JF & EH); Co. Rd. 68, 31 37.307N 84 55.389W, Nov. 15 (JF & EH); Co. Rd. 45 @ Co. Rd. 94, 31 43.068N 84 41.708W, Nov. 15 (JF & EH)

Tattnall Co.: GA 196 s. of Glennville, late Aug

Terrell Co.: Cemetery Rd., 31 49.682N 84 20.119W, Nov. 2 (JF & EH); Lake Chenube, McGills Pond Rd., Nov. 2 (JF & EH); Sam McGill Rd., 31 49.629N 84 19.010W, Nov. 2 (JF & EH); Chenube Creek @ Jones Mill Rd., Nov. 2 (JF & EH)

Webster Co.: CR 15, 31 55.659N 84 34.612W, Nov 15 (JF & EH)

Wheeler Co.: Co. Rd. 84, 32 03.211N 82 40.128W, Nov 8 (JF & EH); Co. Rd. 85, 32 02.202N 82 39.961W, Nov. 8 (JF & EH)

Wilcox Co.: Addison Lake @ Co. Rd. 225, 31 58.162N 83 17.926W, Oct. 18 (JF & EH); Statham Shoals, Oct. 18 (JF & EH)

John Hyatt reports the following for Georgia: Kittles Island, McIntosh Co., GA, Nov. 25-28: A few butterflies were still flying, including *H. charitonius*, *P. semnae eubule*, *A. vanillae*, *E. lisa*, and a few bedraggled *E. proteus*. A moth trap yielded only a dozen or so common fall things, velvet-bean moths, etc. I collected several Polka-dot Wasp Moth larvae (*S. epilais*) on *Nerium oleander* for rearing, but no adults were seen.

Louisiana: Michael Lockwood, 215 Hialeah Avenue, Houma, LA 70363, E-Mail: mikelock34@hotmail.com

Michael Lockwood sends in the following sighting by Kreg Ellzey from Hornbeck, Louisiana: *Euphyes dukesi* (Dukes' Skipper) sighted off Hunter's Road, Tensas River NWR, Madison Parish, Louisiana. Also a sighting by Mark Konikoff of *Cosmosoma myrodora* in Lafayette Parish, Lafayette, Louisiana, on November 9, 2003.

Mississippi: Rick Patterson, 400 Winona Rd., Vicksburg, MS 39180, E-Mail: rpatte42@aol.com

North Carolina: Steve Hall, North Carolina Natural Heritage Program, Div. of Parks & Recreation, 1615 MSC, Raleigh, NC 27699-1615, E-Mail: Stephen.Hall@ncmail.net

The following selected butterfly records for the summer and fall of 2003 were submitted by Harry LeGrand. Place names refer to counties unless otherwise stated, and records are not new county reports unless indicated. WC = Will Cook, RE = Randy Emmitt, HL = Harry LeGrand, JP = Jeff Pippen.

PAPILIONIDAE:

Papilio cresphontes, likely a record state total was the 50 estimated at Bald Head Island, Brunswick, on July 5 by Buddy Garrett.

PIERIDAE:

Zerene cesonia, this stray was reported once in 2003, when one was seen in flight at Eagle Island, Brunswick, on August 16 by John Dole.

LYCAENIDAE:

Atlides halesus, Jason Love observed one in Macon (COUNTY) on August 28, providing just the second county record for the state's mountain region.

Fixsenia favonius ontario, JP photographed one in Duke Forest, Orange, on June 2; this is the second record for that county and one of just a few for the state's Piedmont province.

Callophrys niphon, RE observed one in Caswell on June 10, tying the late date for North Carolina.

Callophrys hesseli, a long overdue record for Scotland (COUNTY) was the finding of two adults by HL in the Sandhills Game Land on July 27.

NYMPHALIDAE:

Heliconius charithonius, for whatever reason, this vagrant was observed on a remarkable eight occasions, implying some semblance of a northward "flight" and not just local butterfly garden escapes or offspring from transplanted vegetation. Sightings came from Orange on August 10 and 20 (? Patterson), Forsyth (COUNTY) on August 15 (Jim Nottke) and September 6 (E. Elliott), Durham on September 21-23 (Tom Krakauer, WC), Moore (COUNTY) on October 26 (Chris Helms), and Mecklenburg (COUNTY) on November 1 (Jules Fraytet).

Speyeria cybele, likely a stray from the adjacent Piedmont was an individual seen by RE in Johnston (COUNTY) on September 11.

Euphydryas phaeton, one was noted by Ron Gatrell at Hemphill Bald, Haywood, on June 3, for a rare state report.

Vanessa cardui, the state had a modest flight in 2003, with several dozen reports, but the peak daily count was just 10 individuals.

Enodia creola, HL observed one on July 20 along the Waccamaw River in Columbus (COUNTY), a long overdue first record for the southeastern corner of the state. Despite an abundance of *Arundinaria* spp. in the region, all *Enodia* reports from that and adjacent counties in the state had been *E. portlandia*. *E. creola* is not scarce farther inland in the Sandhills region, and it is found widely in the northern half of the state's Coastal Plain.

HESPERIIDAE:

Hesperia attalus slossonae, by far a record state count, and presumably one of the better ones for this taxon, was 49 adults counted by HL in the Sandhills Game Land, Scotland, on September 3. Most were in a very thinned stand of *Pinus palustris* that had been burned in the spring; *Vernonia angustifolia* was the primary nectar source.

Hesperia meskei, HL observed a worn female on July 16 - the first state record for that month - in the Sandhills Game Land in Scotland. Most individuals seen in the state are from the second brood (late September through October). HL also had a state record count of 25, mostly females, on October 20, in Scotland. Had he visited the general area in the first 10 days of October, during the peak of the second brood, a much higher count could likely have been made.

Atrytone arogos arogos, a very good count of 10 adults, likely all males, was made by HL, WC, and RE at the state's only currently known site in Carteret, on August 24.

Problema byssus, this species had not been previously found on the four Croatan National Forest butterfly counts held in late August; however, observers (HL, WC, and RE) found them at perhaps a dozen sites, tallying an excellent 31 individuals on August 24, in Carteret and Craven. Also, just the second county record for the

Sandhills region was one seen in Scotland (**COUNTY**) by HL on September 11.

Amblyscirtes carolina, a record state (and probably national) counts of 113 adults was made by WC, RE, and HL at Croatan National Forest on August 24.

Amblyscirtes alternata, HL discovered a colony of this rare species in Scotland, on private land, on August 26; at least four adults were seen. However, despite much field work on public lands at Sandhills Game Land, he could not find this species this year.

Oligoria maculata, RE carefully observed one in Moore (**COUNTY**) on September 13, an innermost record for the state and just the second county report from the state's Sandhills region. The species is locally numerous in the lower half of the Coastal Plain.

Calpodus ethlius, RE observed caterpillars at Canna stands in Durham (**COUNTY**), Orange (**COUNTY**), and Moore (**COUNTY**). Adults were observed in New Hanover on August 23 (HL), Mecklenburg (**COUNTY**) on September 12 (Rob Van Epps), Wilson (**COUNTY**) on September 13 (WC), and Tyrrell (**COUNTY**) on September 14 (WC).

South Carolina: Ron Gattelle, 126 Wells Rd., Goose Creek, SC 29445, E-Mail: gattelle@tils-ttr.org

Tennessee: John Hyatt, 5336 Foxfire Place, Kingsport, TN 37664, E-Mail: jhyatt@eastman.com

John Hyatt reports the following: Kingsport, Sullivan Co., TN: A few *Colias philodice* were still on the wing November 23, but everything was down after several hard freezes over Thanksgiving.

Texas: Ed Knudson, 8517 Burkhart Road, Houston, TX 77055, E-Mail: eknudson@earthlink.net

Virginia: Harry Pavulaan, 494 Fillmore Street, Herndon, VA 22070, E-Mail: pavulaan@aol.com

COMMENT: Butterfly surveys continued throughout much of the west-central portion of the state by several very active, organized observers. The surveys have been expanded to other areas that have remained virtual butterfly "voids" as far as published records go, and have helped to fill gaping holes in the state's distributional record. Though these observers have proven themselves reliable, unfortunately all current survey work is conducted entirely by sight, though photography is employed in cases. I may still be the only reporting person in the entire state using a net to verify difficult groups to some degree of certainty! Though some observers are very "conservative" in their identifications, many records again have had to be discounted as questionable. Most Virginia sightings have been reported via the valeps@yahoogroups.com discussion group.

Spring was characterized by many weeks of endless gray overcast weather, continual rains and cold damp winds, interrupted with only rare breaks of sunshine separated by long intervals. This began in early April after commencement of normal spring brood emergences of many species, and lasted almost throughout June. Rare sunny days were characterized by a virtual absence of any butterflies. The first butterfly seen in my Herndon butterfly garden was on May 11 - a *Battus philenor*! The dearth of butterflies carried on through July (which I dubbed the "great butterfly crash of 2003") until exactly August 3, when there was a dramatic surge in numbers and diversity. Most disturbing during the season was a complete absence of most Hairstreaks, Nymphalids and Skippers, with rare appearances of some multi-brooded species prior to August. After August, some species apparently recovered. *Mitoura gryneus* was not observed in Herndon during spring, but the summer brood emerged approximately one month late, with first adults being observed on 7/20/03. *Atalopedes campestris*, normally the most common species in many areas, was virtually absent except for a single individual observed in Herndon on 5/30/03 and then as scattered individuals at season's end (9/5/03-10/13/03), with one late November straggler.

The only exceptions were regionalized irruptions of *Epargyreus clarus* and *Basilarchia arthemis astyanax*, and localized irruptions of *Asterocampa celtis* and *Clossiana bellona*. *E. clarus* numbers exploded in August (2nd brood), with record numbers counted in my butterfly garden, often swarming on *Buddleia* shrubs. In September, there was a similar, though smaller local irruption of *B. arthemis astyanax* in suburban areas of Fairfax County, mainly multiple

females feeding on *Buddleia* shrubs, apparently becoming a favorite nectar source. Is the introduction of popular *Buddleia* shrubs in gardens bringing about a change in habits of *astyanax*, which now seems to be becoming a frequent butterfly in suburban butterfly gardens?

Mass-intoxication of Nymphalid butterflies on fermenting apples was observed at an apple orchard in Markam on 10/5/03. 50+ *B. arthemis astyanax*, 300+ *P. interrogationis*, 200+ *Polygonia comma* and smaller numbers of *E. claudia*, *V. atalanta*, *C. virginensis*, and *P. progne* were observed feeding on fallen fruit beneath trees. Many of these were impaired in flight, with many more resting on outer leaves of trees and were easily handled. Interestingly, a large colony of 100+ *C. bellona* appeared to ignore the fermenting fruit.

KEY: AK = Alan Kessler; BG = Bruce Grimes; BK = Barry Kinzie; CK = Clyde Kessler; DK = Dot Kasten; FS = Fred Singer; HP = Harry Pavulaan; LB = Lisa Barker; MS = Mike Smith; NM = Nathan Miller; PB = Paul Bedell; RC = Ray Callahan; RG = Ron Gatrell; RS = Richard Schiemann; SP = Sandra Pavulaan; TM = Tom Mizell.

NOTES: Virginia's Independent Cities bear status that is equivalent to counties. These are indicated as **CITY** records. All Latin names follow most recent published treatments as verified and presented in the Taxonomically Correct Index of Scientific Butterfly Names of The International Lepidoptera Survey.

BUTTERFLIES:

PAPILIONIDAE - *Battus philenor*: Chesterfield Co. (**COUNTY**), Pocahontas State Park, 9/5/03 (PB - sight).

PIERIDAE - *Pieris rapae*: Fairfax Co., Herndon, last butterfly of the season on 12/1/03 (HP - sight), battling cold, gusty NW wind at 50F degrees; Loudoun Co., Sterling, 3/10/03 (HP - sight), lone individual flying at 30F degrees against strong NW wind, full sun; Williamsburg (**CITY**), 10/12/03 (HP - sight). *Colias eurytheme*: Fairfax Co., Herndon, last seen in 2003 on 11/27/03 (HP - net/release); Williamsburg (**CITY**), 10/12/03 (HP - sight). *Colias philodice*: Patrick Co. (**COUNTY**), Fairystone WMA, 10/19/03 (AK, CK - sight). *Eurema nicippe*: Greene Co. (second county record), Mattie's Run, 6/26/03 (MS, RS - sight); Richmond City, 3/9/03 (PB - sight); Williamsburg (**CITY**), 10/12/03 (HP - sight).

LYCAENIDAE - *Feniseca tarquinius*: Greene Co. (second county record), Mattie's Run, 6/26/03 (MS, RS - sight). *Incisalia niphon*: Rockingham Co. (**COUNTY**), no date given/2003 (MS - sight). *Mitoura gryneus*: Fairfax Co., Herndon, late second brood 7/20/03 - 8/13/03 (HP - observed); Greene Co. (**COUNTY**), 7/12/03 (DK, MS, RS, TM - sight). *Fixsenia favonius ontario*: Fairfax Co., Herndon, 6/6/03 (HP - net/release). *Calycopis cecrops*: Franklin Co. (**COUNTY**), 8/24/03 (CK - sight). *Erora laeta*: Fauquier Co. (**COUNTY**), George Thompson WMA, 4/27/03 (HP - collected), nectaring on Autumn Olive flowers; Rappahannock Co. (second county record), Shenandoah National Park, near Sperryville, 4/30/03 (HP - observed resting on damp earth along trail, flew approx. 1" above ground into woods). *Everes comyntas*: Williamsburg (**CITY**), 10/12/03 (HP - sight). *Celastrina lucia*: Fauquier Co. (**COUNTY**), George Thompson WMA, 4/27/03 (HP - 2 specimens collected), further confirming existence of low-level population in northern Virginia. *Celastrina neglecta*: Franklin Co. (second county record), 7/6/03 (CK - sight).

HELICONIDAE - *Heliconius charitonius*: Fairfax Co. (second county record, first documented occurrence), Reston, 7/30/03 (LB - photographed), nectaring on *Buddleia*.

NYMPHALIDAE - *Speyeria cybele*: Fauquier Co., Markham, 10/5/03, worn female (HP - sight). *Speyeria aphrodite*: Montgomery Co., Dry Valley, 7/4/03 (CK, FS - sight). *Clossiana bellona*: Fauquier Co., Markham, localized population irruption in apple orchard 100+ counted on 10/5/03 (HP, SP - observed). *Polygonia interrogationis*: Williamsburg (**CITY**), 10/12/03 (HP - sight). *Polygonia comma*: Fairfax Co., Herndon, 10/25/03

(HP - observed nectaring on *Chrysanthamum*); Greene Co. (second county record), Mattie's Run, 6/26/03 (MS, RS - sight); Washington Co. (second county record), Brumley Mountain, 6/28/03 (AK, BG, CK - sight). *Polygonia progne*: Fauquier Co., George Thompson WMA, near Markham, 8/16/03 (HP - collected), also Markham, 10/5/03 (HP - close observation). *Cynthia cardui*: Henry Co., (COUNTY), Philpott Reservoir, 10/19/03 (AK, CK - sight); Williamsburg (CITY), 10/12/03 (HP - sight). *Cynthia virginienensis*: Williamsburg (CITY), 10/12/03 (HP - sight). *Junonia coenia*: Williamsburg (CITY), 10/12/03 (HP - sight). *Basilarchia arthemis astyanax*: Fairfax Co., Herndon, population irruption observed in HP butterfly garden daily, feeding exclusively on white *Buddleia* flowers, 8/29/03-10/13/03 with peak of 6 on 9/17/03 and 9/22/03, also one female observed imbibing on fresh exterior acrylic house paint on paint roller, 10/11/03 (HP); Fauquier Co., Markham, population irruption observed in apple orchard, 50+ conservative estimate on 10/5/03 (HP - observed); Henry Co. (COUNTY), Bowens Creek, 11/8/03 (CK - sight); Washington Co. (second county record), Brumley Mountain, 6/28/03 (AK, BG, CK - sight). *Asterocampa celtis*: Fauquier Co., George Thompson WMA, near Markham, localized population irruption, 100+ counted on 8/23/03 (HP, SP - observed). *Asterocampa clyton*: Greene Co. (second county record), Mattie's Run, 6/26/03 (MS, RS - sight).

SATYRIDAE - *Cercyonis pegala*: Tazewell Co. (COUNTY), Burkes Garden, 7/13/03 (CK, AK, BG - sight). *Cercyonis pegala* nr.-*carolina*: Grayson Co. (COUNTY), Fox Knob, 6/8/02 (RG - reported). *Hermeuptychia sosybius*: Chesterfield Co. (COUNTY), Pocahontas State Forest, 100+ counted on 9/5/03 (PB - sight); Radford (CITY), Dan Daniel Park, 10/4/03 (AK, BG, CK, RC - sight). *Enodia anthedon*: Grayson Co. (COUNTY), Fox Knob, 6/8/02 (RG - reported).

DANAIDAE - *Danaus plexippus*: Williamsburg (CITY), 10/12/03 (HP - sight).

HESPERIOIDEA - *Epargyreus clarus*: Fairfax Co., Herndon, first brood scarce 6/14/03-7/6/03, population irrupted during second brood 8/6/03-9/23/03 (with peak of 50+ observed in HP butterfly garden daily on 8/15/03 - 8/17/03), rare third brood individual freshly-emerged on 10/13/03; Fauquier Co., George Thompson WMA, near Markham, population irruption, 500+ counted on 8/16/03, 300+ counted on 8/23/03 (HP, SP - observed). *Achalarus lyciades*: Franklin Co. (second county record), Ferrum, 6/22/03 (CK - sight). *Urbanus proteus*: Botetourt Co., Troutville, Woodpecker Ridge Nature Center, 8/10/03 (BK - sight), 8/12/03 (TF - photographed); Williamsburg (CITY), 10/12/03 (HP - sight). *Achalarus lyciades*: Rockingham Co. (COUNTY), "July 2003" (MS - sight). *Thorybes pylades*: Franklin Co. (second county record), Ferrum, 6/22/02 (CK - sight); Greene Co. (second county record), Mattie's Run, 6/26/03 (MS, RS - sight). *Erynnis brizo*: Rappahannock Co. (COUNTY), Shenandoah National Park, Sperryville, 4/30/03 (HP - close observation). *Erynnis horatius*: Franklin Co. (COUNTY), 7/6/03, 8/24/03 (CK - sight); Madison Co. (COUNTY), Shenandoah National Park, Rapidan Road, 5/20/03 (MS, RS - sight); Page Co. (second county record), Shenandoah National Park, Big Meadows Recreation Area, 5/20/03 (MS, RS - sight). *Erynnis baptisiae*: Franklin Co. (COUNTY), 8/24/03 (CK - sight); Patrick Co. (second county record), 8/24/03 (CK - sight). *Pyrgus communis*: Williamsburg (CITY), 10/12/03 (HP - sight). *Ancyloxypha numitor*: Franklin Co. (COUNTY), 8/24/03 (CK - sight). *Pholisora catullus*: Franklin Co. (COUNTY), 7/6/03 (CK - sight). *Thymelicus lineola*: Bath Co. (COUNTY), 7/6/03 (RE - sight), 7/16/03 (MS, NM, RS - sight). *Hylephila phyleus*: Augusta Co. (COUNTY), "October 2003" (MS - sight); Fairfax Co., Herndon, 8/15/03, 8/22/03, 9/9/03, 9/26/03, 10/9/03, 10/13/03, 10/20/03 (HP, net/release); Franklin Co., (COUNTY), Philpott Reservoir, 10/19/03 (AK, CK - sight), Ferrum, 10/24/03 (CK - sight); Patrick Co., (COUNTY), Fairystone Wildlife Management Area, 10/12/03, 10/19/03 (AK, CK - sight); Rockingham Co. (COUNTY), Elkton, "August 2002" (MS - sight); Williamsburg (CITY), 10/12/03 (HP - sight). *Atalopedes campestris*: Fairfax Co., Herndon, last seen in 2003 on 11/20/03 (HP - net/release); Williamsburg (CITY), 10/12/03 (HP - sight). *Wallengrenia egeremet*: Washington Co. (COUNTY), Brumley Mountain, 6/28/03 (AK, BG, CK - sight). *Polites vibex*: Williamsburg (CITY), 10/12/03 (HP - sight). *Polites themistocles*: Chesterfield Co. (COUNTY), Pocahontas State Park, 9/5/03 (PB - sight). *Polites peckius*: Chesterfield Co. (COUNTY), Dutch Gap Conservation Area, 11/23/03 (PB - photo). *Pompeius verna*: Franklin Co. (COUNTY), 7/6/03 (CK - sight). *Calpodus ethlius*: Williamsburg (CITY), 10/12/03 (HP - sight). *Panoquina ocola*: Botetourt Co., Troutville, 10/5/03 - 10/8/03, 10 counted during period (BK - sight); Fairfax Co., Herndon, 8/8/03, 8/15/03,

8/17/03, 8/18/03, 8/22/03, 9/26/03, 10/9/03, 10/13/03, 10/20/03, 10/24/03 (HP, sight, net/release); Patrick Co., (COUNTY), Fairystone Wildlife Management Area, 10/12/03, 10/19/03 (AK, CK - sight); Rockingham Co. (COUNTY), Elkton, 8/16/03, 8/17/03 (MS - sight); Williamsburg (CITY), 10/12/03 (HP - sight).

NO EXCUSES???

The Newsletter has been late the last two issues. I have at least 6 to 8 reasons or excuses why, but they are still excuses. I am trying to get the newsletter out in a timely fashion which means within a week of the due date (March 31, June 30, September 30, and December 31). However, there are last minute problems that **always** arise - *called* excuses. [The Editor]

THANK YOU CONTRIBUTORS!!!

I wish to thank the many contributors for the articles that they sent to me for publication in the Southern Lepidopterists' News. The Newsletter is a reflection of the membership. Hopefully, the membership has enjoyed the SL News of 2003. [The Editor]

PROBLEMS???

If there are any problems with the newsletter - defective, missing pages, *etc.* Please contact Jeff Slotten, 5421 NW 69th Lane, Gainesville, FL 32653. Also if you change your address please notify Jeff. Returned mail costs the Society precious resources.

TIME FLIES WHEN HAVING A GREAT TIME

Hard to believe that I have been the Editor for 3 years - 12 issues. You may have noted that there is a progression in total number of pages of each succeeding issue. If this trend continues in another three years each issue will be approximately 100 pages. Obviously this cannot continue for a number of reasons: 1) not enough material coming into the Editor's office, 2) cost of printing, and 3) my time. Right now I have been fortunate that a number of members are sending me interesting material and our Treasurer appears to have sufficient funds to cover the costs. However, Jeff periodically e-mails me with an admonition to go easy and not break the bank. As can be observed from the Treasurer's report we are solvent and should be in good shape going into 2004.

If you as members have any suggestions as to how to improve the quality of the newsletter please feel free to send me your comments, criticism, *etc.* If your potential improvements won't lead our Society into bankruptcy, I will certainly entertain the suggestions. [The Editor]

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Interests: Lepidoptera of the American tropics; also of the U.S., especially Georgia and Kansas; defenses against predation. Butterflies - especially Lycaenidae, Pieridae; Moths - especially Arctiidae, Noctuidae, Limacodidae.

Tim Adams 2002
1291 Amberlea Dr E
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population dynamics of stored product
moths; trapping detection monitoring.

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Micro-Lepidoptera; Great Lakes Region
Fauna.

Kevin Barry 2003
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Mexico.

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Interests: butterfly photography, butterfly
distribution, rearing

Raelene Bencivenga 2002
3137 San Pedro St.
Clearwater, FL 33759
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Interests: Natural/Native Gardening.

Clay Black 2004
7477 Jomel Drive
Springhill, FL 34607
Office Phone: (352) 796-7211
Interests: Status and Distribution of
Butterflies and Moths in FL and KY,
inventories and checklists of Nature
Preserves.

Charles Bordelon, Jr. 2003
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Houston, TX 77055
Home Phone: (713) 822-8731
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Interests: All lepidoptera, especially of
Texas.

Richard Boscoe 2003
150 Ridge Pike # A101
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Interests: Butterflies and skippers; rearing
and life histories.

Bret Boyd 2003
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Byron H. Bratlie 2004
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rearing, surveys of moths.

Sara Bright 2003
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Vernon Brou 2003
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Office E-Mail: vbrou@ochsner.org
Interests: Insects of Louisiana, esp.
Lepidoptera; design and use of collecting
devices.

Richard L. Brown 2003
Mississippi Entomological Museum
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Mississippi State University, MS 39762
Home Phone: (662) 323-8965;
Office Phone (662) 325-2085
FAX: (662) 325-8837
E-Mail: moth@ra.msstate.edu
Interests: Tortricidae, faunistics of SE
moths, esp. in grasslands.

Robert S. Bryant 2004
Maryland Entomologist
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Interests: Maryland Moth Survey. Rearing
Saturniids and Brahmaeids.

Arnold E. Burkart 2003
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John V. Calhoun 2003
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Interests: Butterfly and skipper distribution
in Florida; ecology; biogeography, history
of entomology.

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Dale Clark 2003
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gardening, rearing, photography.

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University
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Home Phone: (336) 922-3021
Office Phone: (336) 758-5315
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Interests: Arctiidae, Chemical And
Acoustic Communication.

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E-Mail: covell@louisville.edu
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& biology of Geometridae (subfamily
Sterrhinae); faunal studies of SE States,
esp. Kentucky; coll, photog., list.

Kevin J. Cunningham 2003
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Interests: Butterflies of the U.S. esp. the
Gulf States.

Harry N. Darrow 2002
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Home Phone: (305) 743-7096
Interests: Photography

Ms. Jan Dauphin 2003
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Interests: Butterflies and butterfly
gardening.

Chris Davis 2002
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Connie A. Deere 2003
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Joseph F. Doyle III 2003
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Interests: Lep. of Texas, esp. Limenitis,
Lycaenidae, Hesperidae, Sphingidae; life
histories.

Boyce A. Drummond 2002
Natural Perspectives
P.O. Box 271644
Fort Collins, CO 80527-1644
Home Phone: (719) 510-2268
Work: (970) 491-1150
FAX: (970) 491-3349
E-Mail: bdrummond3@aol.com or
boyce@lamar.colostate.edu
Interests: Reproductive biology, behavior,
and ecology of butterflies; photography;
insects and butterflies on stamps.

Gail L. Duggins 2002
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Interests: Butterfly watching, gardening,
photography; member & secretary of Alala
Chapter of NABA (North American
Butterfly Association). Graduate student
research on "Affect of Time Since Burn On
Richness & Abundance Of Butterflies In
Pine Flatwoods."

Kreg D. Ellzey 2003
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Charles A. Ely 2003
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Texas, Arkansas; mapping distributions.

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history, conservation biology, genetics,
and behavior of butterflies.

Mark C. Etheridge 2002
401 Main St., P.O. Box 164
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Douglas C. Ferguson (deceased 2002)

John Filiatrault 2002
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David Fine 2003
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Interests: General interest in lepidoptera.

Irving L. Finkelstein 2003
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Atlanta, GA 30305-3816
Home Phone: (404) 237-0694
Interests: Roph., Nearctic & Neotropical,
esp. Papilionidae & Lycaenidae.
Collecting, rearing, exchanging and
Southeastern moths.

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Ron Gatrell 2003
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Lycaenidae, Satyridae; taxonomy, collect,
exch., correspondence welcome.

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heliethinae, rearing.

John Glaser 2004
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eastern U.S.

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Interests: Anything with six legs that I can
stick a pin through.

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Interests: Butterflies of Virginia

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lichen feeders.

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Ken Hansen 2003
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McKinleyville, CA 95519-2209
Phone: (707) 839-3964
Interests: Rearing; life histories,
especially *Papilio*, Saturnids, Sphingids,
Arctiids, *Hemileuca*, Exchange of ova,
pupae, etc.

David Hanson 2003
1427 Evergreen Ave.
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Home Phone: (956) 581-0945
Mobile Phone: (956) 330-4416
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Butterflies of the Lower Rio Grande.

John B. Heppner 2003
Florida State Collection of Arthropods
PO Box 147100
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Home Phone: (352) 373-5630
E-Mail: jbhatl@aol.com
Interests: Micros.

Ron Huber 2003
2521 Jones Place West
Bloomington, MN 55431-2837
Home Phone: 952-886-0783
E-Mail: huber033@umn.edu
Interests: butterflies, saturniids, sphingids, sesiids, *Schinia*, also Cicindelidae of the world.

John Hyatt 2004
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Interests: Lycaenidae, lepidoptera of Georgia Sea Islands; exchange, coll.

Dr. David C. Iftner 2003
8 Alpine Trail
Sparta, NJ 07871-1620
E-Mail: iftner@worldnet.att.net
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Interests: Rhop. of NJ & their life histories, habitats, nectar sources, distribution; also prairie & wetland spp., esp. Hesperidae, Lycaenidae.

Dr. Michael L. Israel 2003
4430 Hwy 68
Jackson, LA 70748-3712
Home Phone: (225) 658-7594
Interests: Butterflies, macro moths; rearing, collect.

Joel M. Johnson 2003
59 E. 400 N.
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Home phone: (801) 465-3526
E-Mail: jmjbug@inet-1.com
Interests: working on survey of macro-moths of Utah. Photography, Noctuoidea, Geometridae, Cossidae, Cercyonis, Notodontidae.

Jack R. Jones 2003
13452 Natchez Court
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Interests: Moths (Saturniidae, Sphingidae, *Catocala* and general).

Dr. Thaddeus Charles Jones 2004
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Wayne Keller 2003
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Ed Knudson 2003
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Houston, TX 77055
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Interests: Lepidoptera of Texas.

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Home Phone: (502) 570-9123
Office Phone: (800) 811-9187 Ext. 108
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E-Mail: Leptraps@aol.com
Interests: Lepidoptera; light trap manufacture, correspondence welcome.

Tom W. Kral 2002
6600 N. Galaxy Rd.
Tucson, AZ 85741
Interests: Rhop., macro., esp. Satyridae (esp. *Lethe*, *Cyllopsis*, *Neonympha*, *Cercyonis*), *Apaturinae*, *Hesperioidea* (esp. *Megathymus* and *Agathymus*), *Catocala*, *Arctiidae*; correspondence welcome.

Harry E. Legrand, Jr. 2003
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Fax: (919) 715-3085
E-Mail: harry.legrand@ncmail.net
Interests: Lep. distribution and ecology, esp. NC and the southeast.

Henry Leibe 2003
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Deborah & Terry Lott 2004
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Terry - Pterophoridae; host plants.

Alvin Ludtke 2002
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Interests: Riodinidae, Central America, rearing, collecting, Aristolochiaceae ecology.

Craig W. Marks 2003
106 Duncan Circle
Lafayette, LA 70503-1367
Home Phone: (337) 959-0642
Business Phone: (337) 654-4848
E-Mail: cwmapple@aol.com
Interests: butterflies, collecting, counting.

Bryant Mather (deceased 2002)

John A. McConnell 2003
13566 Hickory Legend
San Antonio, TX 78247
Home Phone: (210) 545-6894
Work Phone: (210) 821-5543
E-Mail: jamconn@txdirect.net

Michael L. McInnis 2003
3620 Eagles Trace
Floyds Knob, IN 47119
Home Phone: (812) 923-0653
Office Phone: (502) 357-9901
FAX: (502) 357-9900
E-Mail: mmcinnis@erora.com

Joe A. McKoy 2002
634 Ranch Rd
Del Valle, TX 78617
Home Phone: (512) 247-3888
Interests: Rearing moths and butterflies,
butterfly and moth gardening.

Eric H. Metzler 2003
1241 Kildale Sq. N.
Columbus, OH 43229-1306
Home Phone: (614) 888-3642
E-Mail: spruance @ infinnet.com
Interests: Noctuoidea, Cochylini
(Tortricidae), Prairie Lepidopterans.

Donald H. Miller, Ph.D. 2003
P.O. Box 578, 59 High Street
Lyndonville, VT 05851
Home Phone: (802) 626-9003
Office Phone: (808) 626-9333
E-Mail (Home):
 miller.D@ mail.lsc.vac.edu
E-Mail (Office): entdon @ kingcon.com
Interests: General, butterflies,
macro-lepidoptera, (*Hemileuca*, *Pieris*,
Ascia monuste, *Oeneis*, *Celestrina*
conservation ecology.

Dr. Jacqueline Y. Miller 2004
Allyn Museum of Entomology
Florida Museum of Natural History
3621 Bay Shore Road
Sarasota, FL 34234
Office Phone: (941) 355-8476
FAX: (941) 355-8475
E-Mail: jmiller@virtu.sar.usf.edu
Interests: Lepidoptera, especially
Hesperiidae, Nymphalidae, Castniidae,
Lycaenidae; systematics, biogeography,
life history, gardening.

Dr. Lee D. Miller 2004
Allyn Museum of Entomology
Florida Museum of Natural History
3621 Bay Shore Road
Sarasota, FL 34234
Office Phone: (941) 355-8476
FAX: (941) 355-8475
E-Mail: lmiller@virtu.sar.usf.edu
Interests: Systematics, biogeography of
Lepidoptera, esp. Satyridae, Hesperidae.

Paul F. Milner 2003
272 Skye Drive
Pisgah Forest, NC 28768
Phone: (828) 877-5953
E-Mail: pamilner@citcom.net
Interests: Butterflies, all groups, North
and South America, Caribbean; coll.,
photography, rearing, also Sphingidae
and Saturniidae.

Milwaukee Public Museum, Attn.:
Library 2003
800 W. Wells Street
Milwaukee, WI 53233
Phone: (414) 278-2736

Marc C. Minno, Ph.D. 2003
600 NW 35 Terr.
Gainesville, FL 32607
Home Phone: (352) 375-3028
E-Mail: afn10853@afn.org
Interests: Butterflies; Hesperidae; Life
histories; photography; butterfly
gardening.

Steve Mix 2003
P.O. Box 2236
Beaufort, SC 29901-2236
Home Phone: (843) 522-0432
Office Phone: (843) 986-0555
Interests: Collecting esp. moths.

William T. Mixon 2002
815 South Center Street
Thomaston, GA 30286
Home Phone: (706) 647-4009
Work Phone: (706) 656-0605
E-Mail: tmixon@accessunited.com
Interests: Lunas, gardening, art.

Dave Morgan 2003
4935 Shadowood Parkway
Atlanta, GA 30339
Work Phone: (770) 951-9816
Interests: Observation, photography,
collecting, butterflies.

Robert C. Mower 2002
378 N. 650 E.
Orem, UT 84097
E-Mail: Mower754@Alpine.K12.UT. US
Phone: (801) 225-3892
Interests: Arctiidae, Saturniidae,
Sphingidae; exchange, life cycles.

Thomas M. Neal 2003
1705 NW 23rd Street
Gainesville, FL 32605
Home phone: (352) 375-1916
Office Phone: (352) 373-2233
E-Mail: Chouwah @ aol. com
Interests: Lep., esp. Geometridae,
Noctuidae; collect, rear.

James H. Norwood 2002
708 E. Anderson St.
Weatherford TX 76086
Home Phone: (817) 594-8960
Work Phone: 9817) 599-8388
FAX: (817) 599-7622
Interests: Moths of Texas.

Dr. Paul A. Opler 2002
3354 Valley Oak Drive
Loveland, CO 80538-8921
Home Phone: (970) 667-8448
E-Mail: Paulevi@webaccess.net
Interests: Systematics, Distribution,
Conservation, Websites.

David K. Parshall 2002
4424 Rosemary Pkwy
Columbus, OH 43214-2614
Home Phone: (614) 262-0058
Interests: Arctic, Ohio and Eastern
butterflies and skippers; conservation,
ecology, and photography.

Rick Patterson 2003
400 Winona Rd.
Vicksburg, MS 39180
Phone: (601) 638-6848
E-Mail: rpatte42@aol.com
Interests: Trading Lepidoptera (Rhops. only).

Harry Pavulaan 2002
494 Fillmore Street
Herndon, VA 20170
Home phone: (703) 709-0124 Wk Phone: (301) 713-2829
E-Mail: pavulaan@aol.com
Interests: Collecting, observing, gardening, geographical distributions, mapping, host plant associations, Butterflies (esp. *Celastrina*, *Cercyonis*, *Megisto*).

John W. Peacock 2003
185 Benzler Lust Rd.
Marion, OH 43302-8369
Home Phone: (740) 389-4886
E-Mail: lepnut@worldnet.att.net
Interests: Roph., macro, esp. *Catocala*, Saturniidae, Sphingidae; life history, rear, collect, habitat preservation.

James Akers Pence 2003
318 S.E. 71st St.
Gainesville, FL 32641-7798
Phone: (352) 376-8327
E-Mail: pence@ufl.edu
Interests: Butterfly biology, population dynamics, distribution-particularly the relationship between *Mitoura gryneus gryneus* and *Mitoura gryneus swadlowi*.
Butterfly gardening and conservation.

Linda K. Peterson 2002
10075 Plantation Dr.
Daphne, AL 36526
Home Phone: (251) 626-7973
Business Phone: (251) 694-3848
E-Mail: linda.k.peterson@sam.usace.army.mil
Interests: watching and eventually photographing.

Robert Petree 2003
501 N. Magnolia Ave. Suite A
Orlando, FL 32801
Business Phone : (407) 425-2731
E-Mail : Aurenbloom@aol.com
Interests: lepidoptera collecting.

Paul F. Pfenninger 2003
4085 Floral Drive
Boynton Beach, FL 33436
Home Phone: (561) 732-4123
Interests: Exotic butterflies, rearing of silk moths, esp. Automeris; buy, trade.

Maria Plonczynski & Drew Hildebrandt 2004
710 Laney Dr.
Clinton, MS 39056-6024
Home phone: (601) 924-2924
Interests: Butterfly & moth collecting, esp. Lycaenidae & Noctuidae; carabid beetles of the area.

Martha M. Pollard 2002
1114 San Antonio Lane
The Villages, FL 32159
352-259-2685
E-Mail: Makepo@aol.com
Interests: Studying butterfly behavior and raising butterflies.

James J. Popelka 2003
48 Winding Way
Morris Plains, NJ 07950
Office Phone: (212) 575-0723
Evening Phone: (718) 330-0734

Floyd W. Preston 2003
832 Sunset Dr.
Lawrence, KS 66044
Home phone: (785) 843-6212
Interests: Butterflies of N.A. north of Mexico.

Mike Quinn 2003
TPW Invertebrate Biologist
3000 S. I-35, Suite 100
Austin, TX 78749
Phone: (512) 892-7078
E-Mail: Mqnature@hiline.net;
Ccspider@hiline. Net

Barbara and Lee Ragsdale 2002
5617 Montana Avenue
New Port Richey, FL 34652
Phone: (727) 841-7390
E-Mail: LRags57416@aol.com

Dr. John E. Rawlins 2003
Carnegie Museum Natural History
4400 Forbes Ave.
Pittsburgh, PA 15213-4080
Home Phone: (724) 852-1407
Office Phone: (412) 688-8668
FAX: (412) 688-8670
E-Mail: rawlinsj@carnegiemuseums.org
Interests: Lepidoptera of the World, especially immature Noctuoidea, Geometridea, rearing, photography, systematics.

Bill Rhodes 2002 (new member)
50 Louis Drive
Montville, NJ 07045
Business Phone: (201) 847-5643
E-Mail: William_Rhodes@bd.com
Interests: tropical lepidoptera, zoogeography, biodiversity.

Dr. Roy W. Rings 2002
Shadowbrook Lot 76
6710 Ellenton-Gillette Road
Palmetto, FL 34221
Home Phone: 941-723-6655
E-Mail: lfrings@msn.com

Jeffrey R. Robb 2002
2515 Rockwood LN.
Denton, TX 76201
Home Phone: (940) 566-3205
Work Phone: (940) 898-2148
FAX: (940) 898-2130
E-Mail: JRobbe@twu.edu
Interests: Butterflies, Saturniidae, Sphingidae, rearing, collecting, exchanging.

Kilian Roever 2004
3739 W. Townley Ave.
Phoenix, AZ 85051
Home phone: (602) 973-4297
FAX: (602) 973-3070
Interests: Roph., esp. Hesperioidea, Lycaenidae.

Richard L. Romeyn, MD 2004
W5306 Emerald Ct.
LaCrosse, WI 54601-2482
Home Phone: (608) 787-0248
Work Phone: (507) 457-8525
FAX: (608) 787-1862
E-Mail: rlromeyn@aol.com
Interests: Collecting lepidoptera; distribution & ecology; aberrant forms.

David Rupe 2003(new student member)
2406 West C Street, Apt. B
Russellville, AR 72801
Home Phone: (479) 967-3916
Business Phone: (870) 446-5122
E-Mail: dav_rupe@hotmail.com
Interests: lycaenids and riodinids.

Bill Russell 2003
772 Yorkshire Rd. NE
Atlanta, GA 30306
Home phone: (404) 876-5420
Office Phone: (404) 876-3655
E-Mail: WHRINATL@AOL.COM
Interests: Roph. of New World, collect, exch., photography, flight mechanics.

Frank Rutkowski 2003
234 Fifth St.
Jersey City, NJ 07302-2404
Interests: Lep.; life history, plant relationships.

Dr. Mark V. Sanderford 2003
208 Mt. Vernon Drive
Danville, VA 24541
Home Phone: (804) 797-5107
Work Phone: (804) 797-8545
E-Mail: Oleander@gamewood.net
Interests: Arctiid Acoustic Communication, Photography, Plant-Insect Interactions.

Nathan M. Schiff 2003
501 Cypress, Apt. 1201
Greenville, MS 38701
Phone: (601) 686-3175

Brian Scholtens 2003
College of Charleston
Charleston, SC 29424
Home Phone: (843) 856-0186
Work Phone: (843) 953-5451
E-Mail: scholtensb@cofc.edu
Interests: Butterflies, Pyralidae, Conservation, Faunistics.

Mack Shotts MD 2003
514 W. Main St.
Paragould, AR 72450
Home Phone: (870) 236-3900
Office phone: (870) 239-8503
E-Mail: cshotts@grmco.net
Interests: Lep., esp. *Catocala*; buy, trade.

Suzette Slocomb 2002
219 W. 68th St.
Kansas City, MO 64113
Phone: (816) 523-2948
Interests: Raising/Releasing Butterflies, and butterfly gardening.

Jeff Slotten, D.D.S. 2003
5421 NW 69th Lane
Gainesville, FL 32653
Home Phone: (352) 338-0721
Office Phone: (904) 328-1500
E-Mail: jslotten@bellsouth.net
Interests: Roph., esp. Hesperidae, Saturniidae, Sphingidae, *Catocala*, *Schinia*.

Michael J. Smith 2003
1200 Creekside Drive, Apt. #3027
Folsom, CA 95630
Home Phone: (916) 984-4418
Office Phone: (916) 983-0401

John A. Snyder 2003
Furman Univ.
Dept. of Biology
Greenville, SC 29613
Office Phone: (864) 294-3248
E-Mail: john.snyder@furman.edu
Home phone: (864) 294-3248
Interests: moth distribution, insect biochemistry.

Michael E. Soukup 2002
1371 Dicus Mill Rd.
Severn, MD 21144
Home Phone: 410-729-1877 Work
Phone: 410-729-1877
E-Mail: mikayak@mdo.net
Interests: Collecting moths; Rearing Saturniids-mostly U.S.

Don Stillwaugh, Jr. 2001
604 Summerhill Court Apt. D
Safety Harbor, FL 34695
Home Phone: (727) 726-7408
Office Phone: (727) 943-4663
FAX: (727) 943-4659
E-Mail: Blandingi@ij.net
Interests: Status & Distribution of FL leps.

J. Bolling Sullivan 2004
200 Craven St.
Beaufort, NC 28516
Home Phone: (252) 728-2539
E-Mail: SULLIVAN14@earthlink.net
Interests: biology and taxonomy of lepidoptera.

Carleton Swafford 2005
11808 McGee Rd
P.O. Box 47
Collegedale, TN 37315

James M. Taylor 2004
4 Tangle Tree Ln.
Savannah, GA 31411
Home phone: (912) 598-0693
E-Mail: drivingiron@earthlink.net
Interests: Moths.

Dr. Milton D. Taylor 2002
200 Woody Rd. Apt. #44
Pendleton, SC 29670
Home Phone: (864) 646-9063
Work Phone: (864) 646-2184
FAX: (864) 646-2277
E-Mail: tropical toxicologist@earthlink.net

Pam F. Traas 2001
326 4th Ave. N.
Safety Harbor, FL 34695
Home Phone: (727) 725-2807
Work Phone: (727) 669-1947
E-Mail: pfttraas@aol.com
Interests: conservation, migratory research, field trips, gardening and the impact of exotic flora.

Jon D. Turner 2002
310 Cole Drive
Huntsville, AL 35802
Home Phone: (256) 883-9131
Office Phone: (256) 533-3388
Interests: Riodinidae.

James P. Tuttle 2003
4285 North Homestead Ave.
Tucson, AZ 85749
E-Mail: jtuttle@theriver.com
Home Phone: (520) 749-1806
Interests: U.S. Saturniidae & Sphingidae; biology, photography.

Richard D. Ullrich 2005
5308 Affinity Ct.
Centreville, VA 20120
Home Phone: (703) 830-0887
Work Phone: (202) 205-1120
Interests: Lepidoptera; collect.

John B. Vernon 2003
1135 McClelland Dr.
Novato, CA 94945-3307
Home Phone: (415) 897-1081
E-Mail: oberjean@jps.net
Interests: Butterflies and moths, esp. skippers and Sesiids, collect and trade.

Richard Waldrep 2002
42 Farcorners Loop
Sparks, MD 21152
Phone: (410) 472-2328
E-Mail: rwaldrep@erols.com
Interests: Rhop. esp Lycaenidae,
Neotropics, distrib. Coll., exchange, buy.

Reed A. Watkins 2002
229 Shoals Road
P.O. Box 205
Crumpton, MD 21628-0205
Home Phone: (410) 928-5739
E-Mail: RWATKINS@INTERCOM.NET
Interests: All lepidoptera, especially
Pterophoridae.

John Watts 2003
7972 Pierson Way
Arvado, CO 80005

Roland "Ro" Wauer 2003
315 Padre Lane
Victoria, TX 77905
Home Phone: (361) 572-3400
E-Mail: lwauer@viptx.net
Interests: Photography of butterflies of
West Texas and Gulf Coast.

Dr. Howard V. Weems, Jr. 2003
P.O. Box 2309
Hawthorne, FL 32640-2309
E-Mail: Fiveweems@aol.com
Home Phone: (352) 481-5488
Office Phone: (352) 372-3505
Interests: General collecting of
Lepidoptera in the New World, butterfly
gardening. Camilla and I have helped
several schools and Florida garden clubs
start butterfly gardens. Camilla and I
continue to give programs on butterflies
and butterfly gardening (typically 1 hour
and 15 minutes) to schools and garden
clubs from Naples to Pensacola. We have
been doing this nearly 20 years.

Dr. Scott R. Wehrly 2003
33025 Jodee CT.
Leesburg, FL 34788
E-Mail: srwehrly@msn.com
North American Leps.

Frances Welden 2003
7826 Willow St.
New Orleans, LA 70118
Home phone: (504) 861-7413
Interests: Conservation, gardening for
butterflies, migration, life histories,
photography .

James R. Wiker 2004
R. R. #1 Box 965
Greenview, IL 62642
Phone: (217) 968-1579
Interests: All lepidoptera esp. of Illinois,
Papaipema.

Benjamin D. Williams 2003
P.O. Box 211
Pomfret Center, CT 06259
Phone: (860) 963-2472
E-Mail: nnwbdw@neca.com
Interests: Arctiidae, *Schinia*, *Catocala*;
collect, rear, exchange.

Hugh C. Wyatt 2003
174 Beverly Road
Danville, VA 24541
Home Phone: (804) 799-8170 Work
Phone: (804) 799-5188
E-Mail: hwyatt@mindspring.com
Interests: Lepidoptera photography,
raising, collecting, habitat identification,
conservation.

**AFTER THOUGHT -- INTERESTING ITEM IN THE NEWS OF THE
LEPIDOPTERISTS' SOCIETY**

James A. Scott is selling his butterfly collection and asking for bids (News of the Lepidopterists' Society Vol. 45, Number 4, Winter 2003). His collection consists of 145,269 specimens of which 37,164 are mounted and the rest papered. His advertisement states that most of the specimens are from North America. *Got to be one heck of a collection!!!*

The Southern Lepidopterists' News is published four times annually. Membership dues are \$15.00 annually. The organization is open to anyone with an interest in the Lepidoptera of the southern United States. Information about the Society may be obtained from, and dues may be sent to: Jeffrey R. Slotten, Treasurer, 5421 NW 69th Lane, Gainesville, FL 32653.

SOUTHERN LEPIDOPTERISTS' SOCIETY

c/o J. BARRY LOMBARDINI, THE EDITOR

3507 41st Street

Lubbock, Texas 79413