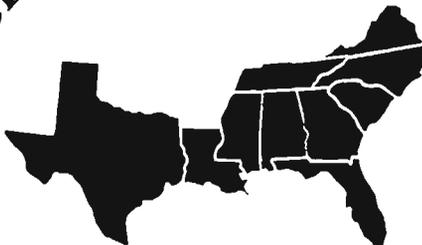




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Southern lepidopterists' news




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

1985 ANNUAL MEETING  
LABOR DAY WEEKEND (AUG. 31-SEPT. 2)  
NEAR ST. MARKS N.W.R., FLORIDA

ALL of you who are interested in attending the 1985 field meeting of the Southern Lepidopterists are urged to write or call Dave Baggett for complete details (packets with maps, lodging information, etc. will be provided). Full plans will be worked out pending knowledge of how many are planning to come. Dave can be reached at (813) 974 2237 (work) or at (813) 977 5433 (home), or you can write at 14406 N. 22nd. St. #169, Lutz, Florida 33613.

Initial plans will be to meet at the entrance of St. Marks National Wildlife Refuge at noon on Saturday, August 31st. The objective will be to search for new county records in Wakulla, Franklin, Liberty, and Gulf counties during the Labor Day holiday weekend, August 31 to September 2. The only county which we have a reasonable butterfly list of at this time is Liberty; it will be easy to obtain new records, even for many common species. We will organize into searching parties at St. Marks, then spend most of Saturday afternoon in the field. We are considering a contest of sorts for the groups participating at this time. Since the area has not been well-collected previously, the field meeting will offer a great chance to do some exploring, and no doubt some surprises will be found!

A scouting trip to the area over the 4th of July weekend indicated that there is no need to concentrate within the confines of the refuge area, and we will not plan any collecting on the refuge. Those wishing to apply for permits can write to Mr. Red Gadden, St. Marks NWR, P.O. Box 68, St Marks, Fl 32355. Rick Gillmore and I found many interesting spots along rural roads which hold good potential.

On Sunday, we will meet at noon at Torreya State Park (site of the '83 meeting) where we can conduct the business meeting at either the group picnic area or in the pavilion. As soon as the meeting has concluded, we will again split into groups and will collect outside of the park. On park collecting will be limited to those who have applied for permits in advance. We'll plan to eat out this year at one of the seafood houses in Blountstown or Bristol on Sunday evening.

Monday morning will be spent in the field, and we'll begin the homeward trek sometime after noon. This means there will be plenty of field time, both with groups and on your own, a change from previous field trips. I will have topographic and county road maps handy to plot field strategies, as well as certain localities marked off. We will attempt to gather records from everyone before heading home on Monday.

The areas where we will be visiting are definitely well off the beaten paths of civilization, and camping is recommended for those also interested in moth collecting.

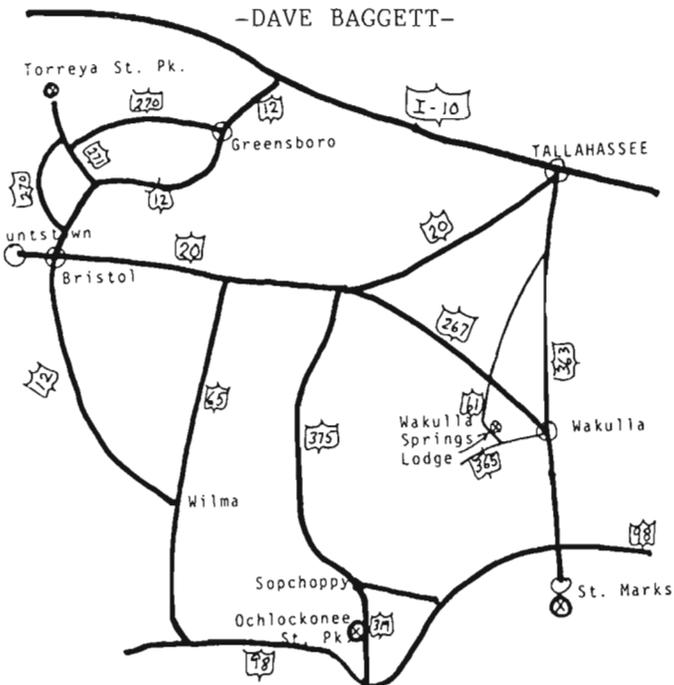
(MEETING CONT'D ON PAGE 6)

## MEETING CONT'D

You can use either the state parks such as Torreya or Ochlockonee or "rough it" in the Apalachicola National Forest. The nearest motels include the Snowbird Motel in Bristol (call 904-643-2330 for reservations and rates) or the Wakulla Springs Lodge (904-640-7011). The latter is an ideal set-up for those wanting to bring family, but reservations are a must due to the holiday weekend. The Lodge has an excellent restaurant, natural history displays, a beautiful spring to swim in, plus the glass-bottom boat rides. Camping on the state parks will run about \$8.00 per site with electricity; the Snowbird Motel rates will be about \$20. for double occupancy; the Wakulla Springs Lodge rates are between \$30.(single) to \$42. (double).

Below is a general direction map of the area showing parks, the refuge, and lodging areas. Those with families could easily stay at motels in the Tallahassee area, which is a little farther away, but still within a hour's drive of the noon meeting points for both Saturday and Sunday activities. Remember, we only hold one meeting during the year, so y'all come on down, y'hear? Those interested in providing door prizes for use at the annual meeting should also contact me,

-DAVE BAGGETT-



BOOK REVIEW  
SPECIES OF SPECIAL CONCERN  
IN PENNSYLVANIA

H. H. GENOWAYS & F. J. BRENNER, EDS., 1985.

CARNEGIE MUSEUM OF NATURAL HISTORY,  
SPECIAL PUBLICATION NO. 11, PITTSBURG.

(HARD COVER, \$30.00)

THIS is a handsome, well-illustrated text treating the flora and fauna of Pennsylvania in chapter groupings of the respective biotic elements. Sections include chapters on plants, invertebrates, reptiles and amphibians, birds, fish, and mammals. For our purposes, I am only commenting on the chapter on invertebrates, and specifically, those references pertaining to lepidoptera.

The invertebrate chapter was compiled and edited by Paul A. Opler, with contributions made by various specialists, each noted at the end of the respective species sketch. All of the sketches re lepidoptera were made by either Paul Opler or by Dale F. Schweitzer; a total of 25 species of butterflies (16) and moths (9) are treated in depth, and several others are mentioned. The sketches were prepared primarily by these two authorities, aided by comments made through a poll of lepidopterists living in Pennsylvania or very familiar with the fauna of that state. All selections appear to be well-considered in lieu of growing concerns for rare and restricted species; one will also quickly note that "rarity" in this case specifically applies to relative abundance in Pennsylvania, for some species are quite common in other regions of the United States and Canada.

Reasons are given in the introduction for the categorical status, which include endangered (no lepidoptera), threatened, vulnerable, status undetermined, or extirpated. Habitat destruction, the chestnut blight disease, acid rain, and heavy pesticide applications (especially for Gypsy Moth control) are given as major reasons for the decline of extirpation of the species treated. Butterflies treated in-

(Cont'd top of next page)



ZONE REPORTS:

## ZONE I: TEXAS, COORDINATORS: Ed Knudson and Mike Rickard \*

Most of Texas experienced a rather wet spring, with most of the collecting trips reported below complicated by bad weather. In Houston and south Texas rainfall during May was sparse and temps well above normal. The first William H. Cross Expedition was in Texas during mid May and was led by Dr. Paul Lago. Three Lepidopterists: Dr. Richard Brown, Paul Adamski and Sowoon Cho were part of the expedition party. One night was spent in San Jacinto Nat'l. Forest and Kerville St. Pk., three nights in the Welder Wildlife Refuge, near Sinton. Thousands of Leps. were collected, including many interesting moths, some of which will be reported later.

The following MOTHS were collected by Knudson. All are probable new STATE records.

Morris Co., Dangerfield St. Pk., 21,22-V-85: Antispila nysaeoliella (Heliozelidae); Endothenia impudens, Petrova houseri, Argyrotaenia alisellana (Tortricidae); Polia detracta (Noctuidae). Harris Co., Bellaire, Knudsons backyard, 8-10-V-85: Cosmopterix gemmiferella (Cosmopterigidae); Pammene felicitana (Tortricidae); Hemphill Co., Gene Howe Wildlife Mgmt. Area, 18-V-85: Chrysaster ostensackenella (Gracillariidae); Sitochroa chortalis, Platytes vobisne, Hulstia undulatella (Pyralidae); Chytolita morbidalis, Xestia adela (Noctuidae).

## ZONE II: ALA., LA., MISS., TENN. COORDINATORS: Vernon Brou, Bryany Mather, Charles Watson &amp; John Hyatt \* TENNESSEE:

Hyatt reported a poor spring with very little flying due to very dry conditions. On April 20 Hyatt and Watson found the following in Unicoi Co.: Artogeia virginiensis, Boloria bellona toddi, and Incisalia augustinus (NEW COUNTY RECORD). On May 4th Hyatt collected a couple miles across the TN border in Lee Co., Virginia, and again found B. b. toddi. He noted this insect is getting abundant here again after being common in the late 70's and then almost missing in the early 80's. At the same site he also found Incisalia henrici, Mitoura gryneus, Poanes zabulon but not the expected P. hobomok. On June 29, Hoss Cove, Washington Co., Speyeria aphrodite and S. diana were found in fresh condition. Diana is having a very early season with males and females having been found at this site as early as June 23 by Watson!

## ZONE III: GEORGIA, COORDINATORS: Scott Brown and Abner Towers \* -No reports were received from Ga.-

## ZONE IV: FLORIDA, COORDINATOR: Dave Baggett \*

Dave Baggett reported that the dry spring did not seem to produce a "bad" spring. Skippers and hairstreaks were excellent and Catocala are BOOMING with the best year for Catocala since 1978. Al Stoghill found Cyllopsis gemma and Amphipyra pyramidoides as NEW COUNTY RECORDS for Tallahassee. John Hyatt was at Sanibel Is., Lee Co., from June 8-15 and noted very poor collecting with Brephidium pseudofoea being the exception as it was very abundant. Mike McInnis and Loran Gibson found Euphyes pilatka, E. arpa, Poanes a. howardi, Atrytone arogos, Atrytonopsis loammi north of Tampa n CR 581 on 26-27 April. Zeiger and Stevens reported Incisalia henrici on March 9th east of Ft. George Island along Hecksher Drive. Gillmore, Slotten and Baggett took I. nippon at Lake Delancy, Putman Co. on March 3rd. Blacklighting at Lake Delancy Gillmore and Baggett took many nice moths on March 2nd, including Zale calycanthata, Chaetagnela tremula, Crambidia pura, Lycia ypsilon carlotta among others. Gillmore took a single Sphecodina abbotti at his home in Winter Springs in early march. Slotten provided another NEW COUNTY RECORD for Cyllopsis gemma, Citrus Co., May. Gillmore, Baggett, Slotten and Profant took the following choice bugs at light, in spite of a consistant downpour, at Torreya St. Pk., Liberty County, 8-9 June: Manduca jasminearum, Paonias astylus (Sphingidae); Catocala dejecta (4th from florida), C. neogama, C. ulalume, C. piatrix plus others including a late record for C. andromedae; Callosamia angulifera, Anisota stigma, A. pellucida and LOTS of both C. regalis and E. imperialis, one C. sepulchralis (Saturniidae); Parasa chloris was taken which seems rare in Florida. One Atlides halesus & one Asterocampa celtis were also taken at UV lights, in spite of the rain!

## ZONE V: SOUTH CAROLINA, N. CAROLINA, VIRGINIA, COORDINATORS: Ron Gatrell, Bo Sullivan, John Coffman \* SOUTH CAROLINA:

Gatrell reported a relatively early but dry spring with a Colias eurytheme being the first spring specimen sighted on Feb. 1 near his home in Berkeley Co. One female topotype of Megathymus yuccae March 9th, Aiken Co.

(\* See a copy of the membership list for addresses)

THE SOUTHERN LEPIDOPTERISTS' NEWS  
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