ASSOCIATION FOR TROPICAL LEPIDOPTERA

NOTES

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December 2011

FALL MEETING OF THE SOUTHERN LEPIDOPTERISTS' SOCIETY AND THE ASSOCIATION FOR TROPICAL LEPIDOPTERA, OCTOBER 14-16, 2011

The annual meeting took place at the McGuire Center for Lepidoptera and Biodiversity, organized by Jacqueline Y. Miller and Deborah L. Matthews with the help of the organizing committee (Charles V. Covell, Jr., Christine Eliazar, Peter Eliazar, Thomas C. Emmel, Marc C. Minno, Thomas M. Neal, Brian Scholtens, Jeff Slotten, J. D. Turner, Nancy Turner). There was a field trip to Yankeetown and Gulf Hammock and a night collecting trip to Kanapaha Botanical Gardens. The following presentations were given at the meeting:

Andrew D. Warren: "Life on the Edge: an introduction to the East Coast's only endemic sand dune obligate butterfly, *Atrytonopsis* sp. undescribed 1, the Crystal Skipper (Lepidoptera: Hesperiidae: Hesperiinae)"

James Hayden: "*Penestola* and *Sufetula* in Florida"

Stephanie D. Stocks: "A New Emerging Pyralid Pest in the United States: European Pepper Moth (*Duponchelia fovealis*)"

Brian Scholtens, John Snyder, Joe Culin & Tom Smith: "Moth Survey of Congaree National Park"

Thomas M. Neal & Jeffrey Slotten: "Life History Notes on North American *Euerythra* spp. (Erebidae: Arctiinae)"

John Calhoun: "A Year in the Life of a Young Lepidopterist: Theodore L. Mead's journal of 1871"

Charles V. Covell, Jr.: "The Oldham County, Kentucky, July 4th Butterfly Count: An Update, with Possible Evidence of Climate Change"

Deborah L. Matthews & Jacqueline Y. Miller: "Lepidoptera Associated with *Melanthera* in Northern Honduras"

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FIRST REPORT OF *SAROBA MACULICOSTA* AND *BARSINE LINEATUS* FROM ANDAMAN AND NICOBAR ISLANDS, INDIA

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The Andaman and Nicobar Islands are known for rich biodiversity resources. The archipelago comprises 572 islands and extending over 800 km. The Andaman Islands are the extension of the submerged Arakan Yoma Mountain range of Myanmar and the Nicobars are the continuation of the Mentawai Islands to the south and southeast of Sumatra. The topography of the Andaman and Nicobar Islands is hilly and undulating, the elevation in Andamans is from 0 to 732 m and Saddle Peak is the highest in North Andaman Islands. In the Nicobars the elevation rises from 0 to 568 m, Mt Thuillier being the highest peak on Great Nicobar Island. The habitats represented in the islands include bays, mangroves, moist deciduous forests and evergreen forests. These islands are tropical, that is, warm, moist and equable. The proximity of the sea and the abundant rainfall prevent extremes of heat. The mountainous parts of the southern group of islands get about 300 cm of rain annually whereas the islands of north get lesser rainfall. Flora and fauna in Andaman bear close biogeographical affinities with Myanmar and Thailand while Nicobar has affinities with Indo-Malayan regions.

During the regular field surveys, as a part of major studies on the terrestrial fauna of the Andaman and Nicobar Islands, we have recorded noctuid moth *Saroba maculicosta* Walker 1903 and arctiid moth *Barsine lineatus* Walker 1855, which is the first report for these moths in India. Swinhoe (1888) and Hampson (1894b) have reported *Saroba maculicosta* from Ceylon in the Catalogue of Moths of India and Fauna of British India respectively. *Saroba maculicosta* and *Barsine lineatus* have not been reported in the recent studies on the moth fauna of Andaman and Nicobar Islands and India by Bhummanawar *et al*. (1991), Chandra and Kumar (1992), Chandra and Rajan, (1995), Chandra (1993, 1994, 1996, and 1997), Srivastava, (2002). The identified specimens were deposited in the National Zoological Collection at Zoological Survey of India, Andaman and Nicobar Regional Centre, Port Blair, Andaman & Nicobar Islands. The data on specimens are as follows:

Saroba maculicosta: Material examined: 1ex., Collected from Sippighat South Andaman (Lat.: 11° 36.501' N; Long.: 92° 40.564'E), Wing expanse: 37 mm. Date of collection: 25.07.2009; Collected by: Suresh Kumar Shah; Registration Number: 2398. This species differs from *Saroba finipalis* and *Saroba trimaculata* in their wing pattern (Rothschild *et al*., 1903).

Barsine lineatus: Material examined: 3exs, collected from Great Nicobar Island (Lat.: 06° 59.353' N; Long.: 93° 52.388' E). Wing expanse: 24mm. ***Date of collection***: 18.01.2009; Collected by: C. Sivaperuman and party. Registration Number: 2405.

ACKNOWLEDGEMENTS

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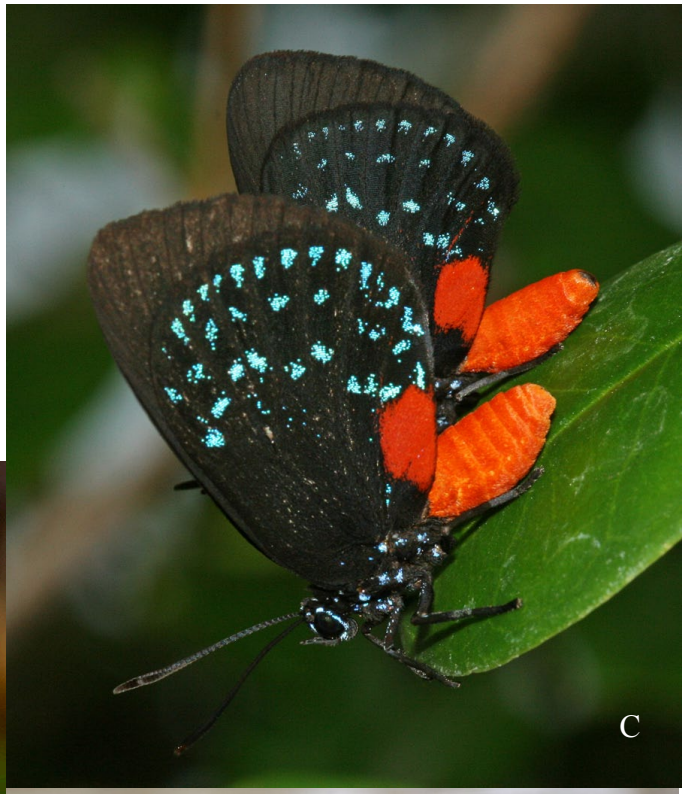
Fig. 1. Dorsal view of *Saroba maculicosta*

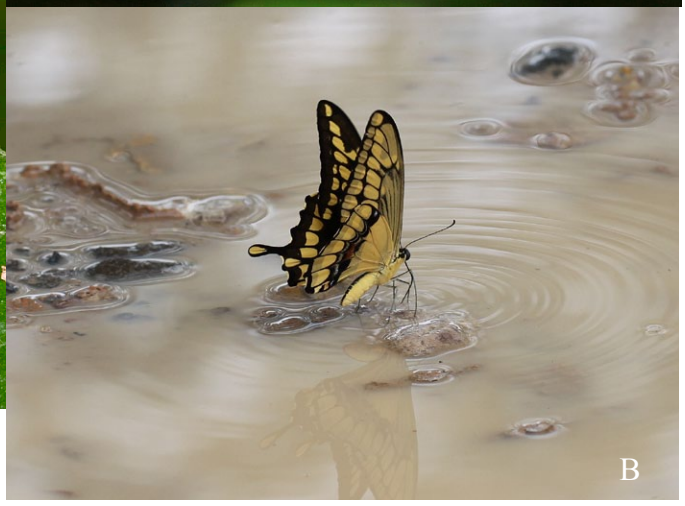
Fig. 1. Dorsal view of *Barsine lineatus*

Jon D. Turner: "Raiting, Flaiting, Fleeking and Flenting: Do We Need New Terminology for Mate Locating Behavior in Lepidoptera?"
Elena Ortiz-Acevedo & Keith R. Willmott: "Molecular Systematics of the Butterfly Tribe Preponini (Nymphalidae: Charaxinae)"
Keith R. Willmott, S.P. Mullen & N. Rosser: "Evolutionary Hstory and the Equatorial Peak in Neotropical Butterfly Species Richness
"**Maria F. Checa:** "Effects of Season and Microhabitat on Butterfly Communities in a Neotropical Dry Forest"
Lawrence E. Reeves: "Lepidoptera of Mount Kanlaon National Park, Negros Occidental, Philippines"
Akito Y. Kawahara & Daniel Rubinoff: "An Extraordinary Radiation of Hawaiian Purse-cased *Hyposmocoma* (Lepidoptera: Cosmopterigidae)"
J. Court Whelan & Thomas C. Emmel: "Recent reports on the status of the Monarch butterfly (*Danaus plexippus*) overwintering colonies and nearby towns after catastrophic storms and flooding in January of 2010"
Marc C. Minno: "Update on Listed Species Rules and the Status of Imperiled Butterflies in Southern Florida"
James K. Adams: "Up, Down, All Around: Trends in the Abundance of Select Georgian Leps"
Mirian M. Hay-Roe: "Butterfly Farming at the Yanesha Native Community: An Effort to Mitigate Deforestation in the Chanchamayo Region, Junin, Peru"
Arthur M. Shapiro: "Signal and Noise in a Mediterranean Climate: What Are California Butterflies Telling Us?"

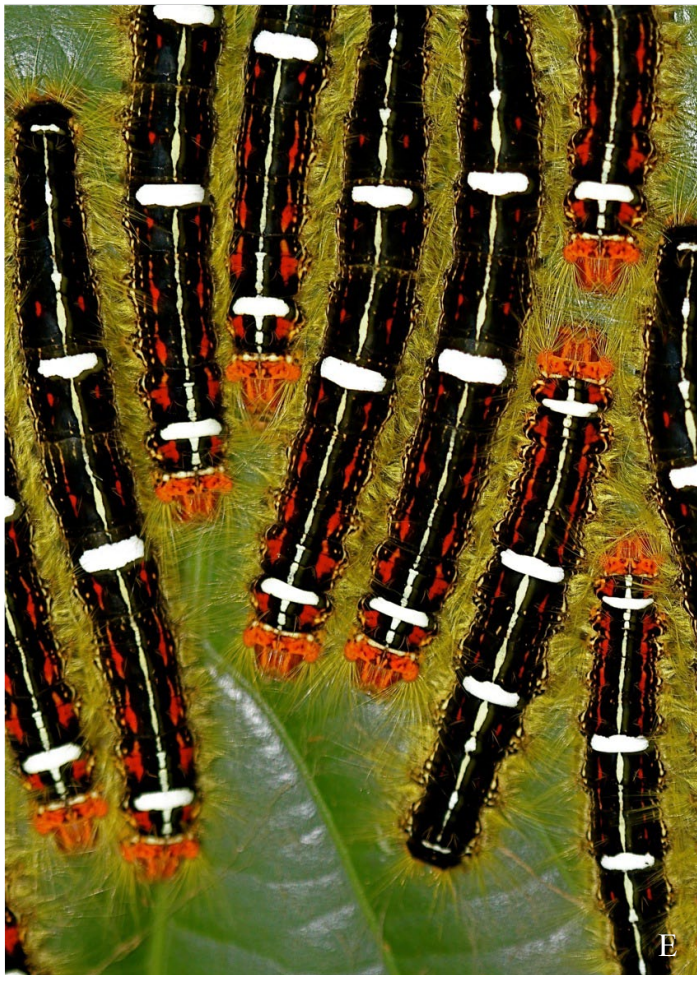
2010 Annual ATL - McGuire Center Photocontest

The 2011 photo contest attracted 64 entries from 12 photographers. As usual, it was judged by three independent judges in three categories (Butterflies, Moths, and Immatures) based on scientific and aesthetic merits of the pictures. An overwhelming majority of pictures were, once again, submitted in the 'Butterflies' category. It is important to keep in mind for the future contests that submissions in the 'Moths' and 'Immatures' categories are most likely to win. The photographs submitted to the contest were on display throughout the ATL/SLS annual meeting. All winners received monetary prizes as well as one-year free ATL membership, including all its annual publications. All winning entries are published in this issue of the ATL Notes. The next photo contest will be held in September 2011.





(A) Butterflies 1st place **Bill Berthet** *Bia actorion (*Ecuador, Upper Napo river); (B) Butterflies 2nd place **Kevin Painter** *Heraclides thoas* (Panama); (C) Butterflies 3rd place **Kathy Malone** *Eumaeus atala* (Florida)



(A) Moth 2nd place **Lary Reeves** *Xylophanes tersa* (Florida); (B, C) Moth and Immatures 1st places **Alexandr Chuvinin** *Daphnis nerii* (Israel);(D) Immatures 2nd place **Joshua Feingold** *Eumaeus atala* on Zamia (Florida); (E) Immatures 3d place **Lary Reeves** (Costa Rica).

Next ATL Photo Contest will take place in August-September 2012. Visit www.trople.org for details.