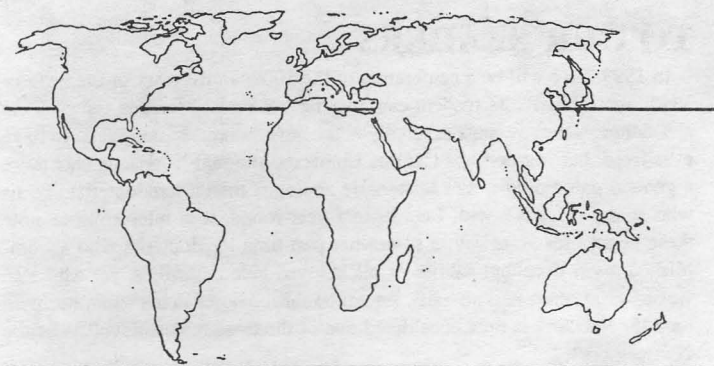




LEPIDOPTERA NEWS

December 1998

No. 4

S E L: One of Our Sister Lepidoptera Societies

The Societas Europaea Lepidopterologica, or SEL, is the main European society for lepidopterists. Although without the historical age of the Lepidopterological Society of Japan, Osaka, Japan (founded 1945), or the Lepidopterists' Society, Los Angeles, California, USA (founded 1947), the SEL has been very active since first organizing in September 1976, in Bonn, Germany. Its quarterly journal, *Nota Lepidopterologica*, is well known and has published numerous important contributions on Palearctic Lepidoptera since 1977. Most articles in the SEL journal have been either in German or English, but more recently most are in English.

There are other Lepidoptera journals in Europe. For example, *Alexanor* (published by the Muséum National d'Histoire Naturelle, Paris, since 1959), *Atalanta* (published by the German Research Center for Lepidoptera Migration, Munich, Germany, since 1965), *Nachrichten des Entomologischen Vereins Apollo* (published by the Entomologischer Verein Apollo, Frankfurt, Germany, since 1980, as second series from its original start in 1897), *Neue Entomologische Nachrichten* (published by the Museum Eitschberger, Markt-leuthen, Germany, since 1975; also publisher of the Lepidoptera book series *Herbipoliana* since 1984), *Oedippus* (published by the Gesellschaft für Schmetterlingsschutz, Schweinfurt, Germany, since 1990), and *SHILAP Revista de Lepidopterologica* (published by the Sociedad Hispano-Luso-Americana de Lepidopterologica, Madrid, Spain, since 1973). Likewise, some recent additions have included *Actias* (published by KMK Scientific Press, Moscow, since 1994) and *Entomologica Romanica* (published by the Romanian Lepidopterological Society, Cluj, Romania, since 1996). There also is the book series *Esperiana* (published by H. Hacker, Staffelstein, Germany, since 1990), and the Japanese journal on Asian and east Palearctic moths, *Tinea* (published by the Japan Heterocerists' Society, Tokyo, Japan, since 1953). There have been some other smaller journals over the last 20 years, by societies now defunct or by individuals, though unfortunately not continuing publication. A few other European journals publish on all insects but mainly contain Lepidoptera papers: in particular *Facetta* (published by the Entomologische Gesellschaft Ingolstadt, Ingolstadt, Germany, since 1984), *Galathea* (published by the Nürnberger Entomologists, Nuremberg, Germany, since 1985), *Lambillionea* (published by the Union of Belgian Entomologists, Tervuren, Belgium, since 1901), *Linneana Belgica* (published by R. Leestmans, Vilvoorde, Belgium, since 1983), and *Phegea* (published by the Flemish Society of Entomology, Antwerp, Belgium, since 1973).

The SEL, however, is the only European-wide society for all European and Palearctic lepidopterists. The initial organizational

meetings in 1976 were attended by 20 of the leading European lepidopterists. Various committees were formed, such as the editorial committee in charge of the society journal, and many more persons were included in some of these committees than could attend the first meetings. Under the leadership of the late John Heath, a European Invertebrate Survey was initiated under SEL auspices; one culmination of this survey, as well as direction for a European catalog at the 1984 Wageningen, Netherlands, meeting, was the recent distributional catalog of European Lepidoptera, under the editorship of O. Karsholt and J. Razowski (1996. *The Lepidoptera of Europe: a Distributional Checklist*).

Besides its respected journal, *Nota Lepidopterologica*, the SEL organizes well-attended Lepidoptera congresses every two years. The past meetings have ranged over a number of European countries. The first European Congress of Lepidopterology was held in Paris, in 1978. In 1996, the meeting was at a conference center in Miraflores, near Madrid, Spain. In 1998, the SEL Congress was held at a conference center in Malle, near Antwerp, Belgium. The 1998 meeting was attended by nearly 200 from all over Europe, with a few from Japan. However, the only American attendee was your Executive Director!

The next meeting will be in 2000, probably June or July, in a conference center within the forest of Bialowieza, eastern Poland. This locale is an ancient forest on the former border with Russia (now the border of Belarus). It is a venue that more Americans may want to attend since it will be in the only remaining virgin lowland remnant of the formerly widespread European oak-beech forest. Some trees are nearly 500 years old and have amazingly been spared the ravages of wars and logging all these years. The area was formerly a royal hunting reserve. SEL organizers state that some collecting may be possible, although the forest is now a national park and the hope of permission for any sampling may not be fulfilled.

Papers to be expected at these meetings range over most groups of moths and butterflies, and in such subject areas as Lepidoptera ecology, conservation, local faunas, and taxonomy. The large contingent of members attending also provides a timely occasion to meet most of the main workers on Lepidoptera in Europe. The last meeting, in Belgium, had attendees from nearly every country in Europe, including eastern Europe, plus Japan, and from nearly all the major museums across the continent.

The SEL is a society that should be supported by American lepidopterists, particularly those interested in Holarctic fauna. Currently, the SEL has about 700 members worldwide, although most are from Europe.

ATL EXPEDITIONS: Jan 1999 – CHILE: deserts, high Andes and the Lake District!

LEPIDOPTERA NEWS

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JOURNAL SEPARATES (1990-95 only): \$1 first page, 25¢ each added page. Specify author and citation. Past journal issues: \$10 each (1990-92), \$15 each (1993-95), \$20 each (1996-97). *TL News*: \$5 per year.

CONTENTS for the journals will be issued in 1998.

EXPEDITIONS:

CHILE (Santiago, Concepción, and Lake District) January 1999
VENEZUELA: cancelled due to lack of progress, or any decision, on the permit process from the Venezuelan government.

TO OUR READERS

In 1999 there will be a celebration of the 100th anniversary of the birth of Vladimir Nabokov, as readers can note further on p. 5 of this issue of the newsletter. Nabokov most assuredly is the most famous lepidopterist to have ever lived, barring perhaps Carolus Linnaeus, although Linnaeus was more a general entomologist and taxonomic zoologist than a lepidopterist. To us who study and work with Lepidoptera year-round, it is interesting to note these honors for Nabokov, a somewhat part-time lepidopterist who accomplished many excellent studies of his beloved blue butterflies, yet who also was a world renowned novelist. As Kurt Johnson notes in his announcement on p. 5, Nabokov is now considered one of the two greatest novelists of the 20th century!

Nabokov is well known as a novelist and his many readers will have discovered that he was a collector of butterflies as well, although they may not be fully aware of the extent of his research efforts in Lepidoptera. We can all be proud that the study of Lepidoptera is recognized by everyone familiar with Nabokov, yet he is famous mostly as a novelist not as a lepidopterist. But, what of Merian, Fabricius, Esper, Hübner, Cramer and Stoll, Drury, Smith, Donovan, Latreille, Duponchel, Stephens, Treitschke, Ochseneimer, Freyer, Westwood, Guenée, Ménétrière, Doubleday, Herrich-Schäffer, Walker, Boisduval, Guérin-Méneville, Millière, Hewitson, Stainton, Möschler, Wallengren, Felder, Snellen, Butler, Heinemann, Moore, Zeller, Scudder, Kirby, Staudinger, Godman and Salvin, Grote, Edwards, Aurivillius, Wileman, Pagenstecher, Spuler, Leech, Rothschild, Oberthür, Hampson, de Nicéville, Le Cerf, Jordan, Hering, Dognin, Wright, Walsingham, Packard, Seitz, Strand, Rebel, Prout, Bryk, Ragonot, Matsumura, Janse, Meyrick, Turner, Turati, Tutt, Druce, Schaus, Dyar, Van Eecke, Bang-Haas, Draudt, Verity, Tams, Ford, Warren, Holland, Caradja, Comstock, Forbes, McDunnough, Hayward, Costa Lima, Clarke, Field, Todd, Diakonoff, Carcasson, Hemming, Evans, Förster, Hovanitz, Klots, Higgins, Clench, Heath, Hogue, Klimesch, Popescu-Gorj, and a host of others? Yes, these deceased lepidopterists are known mostly only to us who delve into their works.

Perhaps the only lepidopterist more generally known today, besides Nabokov, is Paul Ehrlich, but mostly for his work on behalf of world population control. There are many well known specialists today for different groups of Lepidoptera, but few persons are aware of our work. It seems only with ancillary pursuits, such as novel writing or conservation work, is the general public aware of anyone doing anything with Lepidoptera. The only other awareness lately has been in regard to butterfly collectors! So, take any opportunity to talk to people about what you do with Lepidoptera, whether research or as an avocation, so others become more aware of what is yet to be done to know all the Lepidoptera worldwide and what needs to be done for their conservation! What people do not know will not be valued.

J. B. Heppner

Executive Director

NOTES

1. **1999 Annual Meeting**: April 16-18 in Gainesville.

2. **1999 Annual Photo Contest**: deadline is March 15, 1999.

3. **Address changes**: members are urged to keep their address current for the mailing of journals and the newsletter. With new postal fees, it now costs your society over \$4 to pay the postage on returned journals in the USA and remit them to your new address when we are not notified of address changes ahead of time! This is the kind of thing that can require higher dues to cover costs, so please help us all out and let us know when you move.

4. **ATL Journals**: the journals in 1999 will revert to our original format plan of only about 48 pages for each issue. We have had some very large issues since 1990 but our membership has not increased sufficiently to warrant such productions. Supplements are mostly paid for by the authors directly. All this is of limited concern to most of our members, but authors of papers for *Tropical Lepidoptera* will need to be more patient: there are many submissions of papers so the page constraints will necessitate longer waits for publication. *Holarctic Lepidoptera*, however, can well use additional papers, particularly from Europeans and others in the Palearctic region.

5. **Cover Photos**: members can note that color photos for future journal covers are always sought. ATL does not pay any royalties for the use of such photos but you do have the gratification of having your photo selected for one of the front or back covers. Photos should be exceptionally sharp.

LETTERS

ATL JOURNALS AND SCIENCE

Thank you very much for publishing Noel McFarland's letter, "Academic Dry-Rot Still Alive and Well in 1998." Noel is completely correct, and I agree with his comments.

Several years ago, when you first started publishing *Tropical Lepidoptera*, I was talking with the editor of one of the hard science journals, and he dismissed ATL's publications as somewhat lacking in scientific merit.

I mentioned that while some of the articles were not as serious as those in the other journals, ATL's journals served an extremely important function. I said to him, "When young students are looking for interesting reading material in their libraries, and they see the usual assortment of bland covers on the rack, and then see *Tropical Lepidoptera* sitting on the shelf with its large, gorgeous color covers of incredibly beautiful living butterflies and moths, which periodical do you think they'll pick up first? Which journal do you think will best serve as a gateway journal for enticing young naturalists into lepidopterology?" He admitted I had a point and acknowledged that the biggest threat to Lepidoptera after environmental degradation was human apathy. What better way to shake this apathy than to display the miraculous beauty and incredible diversity by publishing gorgeous photographs on and inside the large format of ATL's journals.

Keep up the good work, and don't mind the comments of the detractors.

Thomas E. Dimock
Ventura, California

MORE ON GOLD MOTHS

In *Holarctic Lepidoptera* Vol. 5 (1997, No. 1, p. 15), you state that "their biologies remain unknown." I take it you were unable to find anything published on the life histories of the species of *Neumoegenia*. Other *Stiriini* are known. I can give you some information on *N. poetica*. In the late summer of 1974 in Miller Canyon, Huachuca Mts. [southeast Arizona], I found two somewhat peculiar larvae feeding on *Bidens leptoccephala* Scherff. [Compositae]; they pupated, and I was surprised when moths of *N. poetica* appeared. I brought the eggs of *N. poetica* back to Ithaca with me, but I was unable to find a local species of *Bidens* that the newly hatched larvae would accept. *Bidens leptoccephala* is a delicate filmy species, somewhat prostrate in growth habit, fern-like in general appearance. Voucher specimens are in the Bailey Hortorium, Cornell University; and I have a kodachrome of the larva.

I am one of the people that think *N. poetica* and related species are brassy-green!

John G. Franclemont
Ithaca, New York

[Editor: The gold moth article has stirred up other comments regarding their biologies. In my writing of the article, it was not recalled that a recent MONA part had covered these colorful moths (see *Moths of America North of Mexico*. 1995. Fasc. 26.1. Noctuoidea. Noctuidae (part): Cucullinae, Stiriinae, Psaphidinae, by R. W. Poole) and that the biology of *N. poetica* was noted therein: the host report is the same as noted above. However, the related species of the genus *Chalcopasta* remain unknown biologically. Wing colors range from gold to brassy-green, depending on the light angle.]

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*FIELD: Manual of Butterflies & Skippers of Kansas (1940)	SOLD	6. American Bombyces (lacking Sphinges) (1913-37)	U 2100.00
*FORBES: Lepidoptera of New York. Pt. 1-4 (1923-60) set	120.00	Pp. 1-632, 641-832, 897-1088, 1113-1296 (orig. wrappers)	
FORBES: Lepidoptera of New York. Pt. 1 (1923)	50.00	Plates 1-74, 76-89, 99-111, 111A, 112-117, 117A-D, 118-130, 130A, 131-134, 138-141, 143-158, 180-182, 185.	
FORBES: Lepidoptera of New York. Pt. 2 (1948)	25.00	All in original wrappers as issued in parts (82 pts. present); most wrappers somewhat frayed, but last issues from 1937 are in mint condition. Text and plates are good but with some frayed edges (some sections are not cut on top edge, as originally issued by the publisher)	
FORBES: Lepidoptera of New York. Pt. 3 (1954)	25.00		
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Saturniid Moths of the World. Part III

by Bernard D'Abrera

1998. 171pp (88 pl) (26 x 35cm). Goecke & Evers, Keltern, and Hill House, London and Melbourne. £148 (ca. \$235) cloth.

This is the book — or rather, the last third of it — that I have been waiting for all my life. Like d'Abrera's other books, it is essentially a pictorial atlas. The moths are shown life-size and in color and, except for 13 instances, all four wings are depicted. Almost all the larger specimens (as in *Attacus*, *Archaeoattacus* and *Coscinocera*) are displayed complete, only one or two to the page. The photographs are crystal clear and the color magnificent. Eliminate stereoscopy by closing one eye and one would seem to be looking at the actual moths. The genera covered are *Actias*, *Agapema*, *Archaeoattacus*, *Argema*, *Attacus*, *Caligula*, *Callosamia*, *Calosaturnia*, *Copaza*, *Coscinocera*, *Cricula*, *Epiphora*, *Eriogyna*, *Eudia*, *Eupackardia*, *Graellsia*, *Hyalophora*, *Lemaireia*, *Loepa*, *Neoris*, *Opodiphthera*, *Pararhodia*, *Perisomena*, *Rhodinia*, *Rothschildia*, *Samia*, *Saturnia*, *Solus* and *Syntherata*. Among them are undoubtedly some of the most beautiful lepidoptera in the world.

It may seem anomalous that Part III of the trio should precede Part II. D'Abrera explains this in a foreword. Claude Lemaire, he informs us, is still working on his monograph on the Hemileucinae, a taxa that will dominate Part II. It is reasonable, therefore, for d'Abrera to delay his own work so as to include what will certainly be the latest and most authoritative approach to this group.

Saturniidae Mundi Part III makes its appearance in a drastically limited edition — only 1500 copies, a tiny number for so stunning and ground-breaking a book. Its cost will undoubtedly strike many as extreme, about \$235 in U.S. dollars. Yet is it really? A work like this, highly specialized, oversize, and with so many color plates, is very costly to produce. Having brought out a much more modest book myself (which required a \$20,000 subvention), the price doesn't seem really out of line to me. However that may be, I predict that it will be gobbled up quickly by saturniidologists, professional and amateur, and will shortly establish itself as an indispensable and classic work.

The photographed specimens in *Saturniidae Mundi* are mostly those found in the nearly unrivalled collection of the British Museum of Natural History which, however, like all collections, has its lacunae. D'Abrera has supplemented the Museum's holdings with specimens from collectors and breeders from a number of countries. I notice that these are invariably fresh, immaculate specimens. A few (actually very few) of the museum specimens are in sorry shape. Probably the worst is *Neoris shadulla*, a holotype dating from 1872, which resembles a scrap of disintegrated lace. Respect for historical authenticity is a noble thing, but in this case it leaves this not-altogether-scientific person feeling deprived of some of the beauty that might have been available.

A fanatic and superspecialist, I have been scouting out saturniids all my rather long life, yet there are many here that I have never heard of, much less seen, moths that are of truly darling glamour. The female *Copaxa muellerana* is a knock-out. So is the huge and fiery *Copaxa simson*. An extraordinarily impressive moth is *Loepa oberthuri*, a giant, golden yellow and orange creature with jet-black "calligraphy" written all over both wings. Among the moon moths, every one of which is splendid, the crowning glory has to be the *Actias chapae* from northern Vietnam. Except for its great long tails, it somewhat resembles in shape the equally rare *Ornithoptera paradisea* male birdwing butterfly, and is a delicate almost sky blue with flushes of pink here and there. It shares the page only with the contrasting flame-colored *Actias groenendaeli*, a happy juxtaposition that, judging by the rest of the book, was not accidental.

Most of the text is confined to the left hand page, and it is usually very brief. It deals mostly with taxonomy, the moth's geographical

distribution, and the names and dates connected with its earliest reporting — material that is no doubt of crucial importance to bonafide entomologists. To me, it is most enjoyable when the human side of d'Abrera bursts out in one of his famous crotchets. It doesn't happen often, but occasionally he lets himself go, usually against evolution or one of its more dogmatic proponents, in which case he is acerbic as can be. These explosions of deeply held convictions may seem inappropriate to the more scientifically austere, but I think they season the great work with spice and personality as well as challenging one's own dogmas, and I kind of wish there were more of them.

From my standpoint, d'Abrera's book has only one major, but unavoidable, shortcoming. Except for the first frontispiece, which shows a magnificent *Attacus lorquinii* clinging to a tree trunk, all the moths are dead. That means, in many cases, shrivelled, discolored and distorted bodies and antennae and, of course, the stiff, four-square, ungraceful "anatomical position" that has been standard scientific practice for centuries. Lepidoptera are no exception to the rule that all organisms look vastly better alive than dead. But I fully understand the almost insurmountable obstacles in the way of creating a comprehensive atlas similar to this one but depicting only live moths.

Perhaps what is needed is for lepidopterist photographers in every country to pool their individual work in a grand international cooperative effort. I am thinking of such gifted men as Kirby Wolfe and Leroy Simon, whose photographs of living moths (not to mention larvae) are truly breathtaking, but which one sees only here and there, now and then. If the moths and their habitats only last long enough, such a united, global effort is not really outside the realm of possibility, and I think is eventually inevitable. But don't expect it any time soon. Look how long we've had to wait for a work like D'Abrera's, and we still have only two-thirds of it!

In the meantime, I sit by the fireside on this cold, dark and drizzly late November day and peruse a handsome book, so much of which evokes the warmth and color of the tropics. And I am reminded of the words of the old song: "If this isn't love it will have to do until the real thing comes along."

JOHN CODY, M.D.
2704 Woodrow Court
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NABOKOV CENTENARY YEAR

FEATURING A FULL SCHEDULE OF EVENTS, AND
THREE NEW BOOKS ON HIS LEPIDOPTERY

The 100th anniversary of the birth of Vladimir Nabokov, on April 23, 1899, will be celebrated worldwide during the year 1999 with tributes, exhibitions and other events in different cities and countries throughout the world—among them New York City and Ithaca, New York; Cambridge, England; Paris; Montreux, Switzerland; Munich; and St. Petersburg, Russia. There will also be three new books on Nabokov's contributions to lepidopterology. Nabokov, and Ireland's James Joyce, are now considered by literary scholars as the greatest writers of the 20th Century. Nabokov was, of course, also a lepidopterist. During the early 1940's he was de facto curator of Lepidoptera at Harvard's Museum of Comparative Zoology, during which time he published several significant studies on North American and South American "blue" butterflies (Lycaenidae). His work on butterflies waned only with the increasing demands of his literary success. Nabokov died in 1977. During the past half decade there has been an ever widening appreciation of the significance of Nabokov's contributions to science, especially of the implications of his seminal studies of South American Lycaenidae.

The centenary year will feature three new books on Nabokov's lepidoptery. One, *Nabokov's Butterflies*, edited by Brian Boyd (author of the Princeton University Press biography of Nabokov) and lepidopterist Robert Michael Pyle (Beacon) will publish for the first time a large number of previously unavailable articles by Nabokov concerning butterflies, both literary and scientific. Commentary by Boyd, Pyle and others will frame the importance of this never-before-seen work. A second book, *Nabokov's Blues*, by lepidopterist Kurt Johnson, and Steve Coates of the *New York Times* (Zoland Books), will tell the story of Nabokov's work through the eyes of scientists who completed most of his South American research, with chapters on Nabokov's personal and scientific biography and the use of butterfly literary motifs in his fictional works. This book will focus on the Nabokov scientific story around central topics in biology—issues in evolution, biogeography, and the biodiversity crisis. The third book, *Vera's Butterflies*, edited by Sarah Funke and Glenn Horowitz (Glenn Horowitz), will publish for the first time the imaginative butterfly drawings made by Nabokov over the years and presented later in his life to his wife, Vera. Commentary by a number of prominent authors and scientists will accompany this lavish work.

Lepidopterists who want to get a feel for the vivid portrayals of Lepidoptera in Nabokov's writing are guided to his books *The Gift* (1938) and *Speak, Memory* (1951, 1966). Lepidoptera also figured prominently in *Pale Fire* (1962) and *Ada* (1969) (all Knopf/Vintage). Nabokov's most famous novel, of course, is *Lolita* (1958, Knopf/Vintage), which was recently ranked by literary scholars as the fifth most important novel in history.

Celebrations in New York, the publishers' capital of the world, will be most prominent, including long-term exhibits at the New York Public Library, Berg Archives, and Horowitz Booksellers, along with various conferences and programs, kicking off in April with readings by prominent authors and celebrities at New York City's Town Hall. The new books on Nabokov's lepidoptery should be available in bookstores beginning with the summer and fall of 1999.

1999 LEPIDOPTERA WORKSHOP

BIOLOGY OF BUTTERFLIES AND MOTHS

June 27 - July 3, 1999

The annual Lepidoptera Workshop, at the Nature Place, in Florissant, Colorado, will be held from June 27 to July 3, 1999. Join Drs. Boyce A. Drummond, Thomas C. Emmel, and Frederick W. Stehr for an exciting week of studying, observing, and photographing butterflies and moths in a fabulous setting in central Colorado. Day trips to alpine passes, subalpine meadows, montane woodlands, foothill canyons, and desert shrublands are supplemented by evening lectures and workshops on a variety of topics, including *Diversity and Evolution of Butterflies and Moths*, *Ecology and Behavior of Lepidoptera*, *Biology of Immature Lepidoptera*, *Using Lepidoptera in Education and Conservation*, and *Techniques for Studying, Photographing, and Drawing Butterflies and Moths*.

For a complete description of activities and facilities, and an application form, please call or write, The Nature Place, P. O. Box 167, Florissant, CO 80816 (Tel: (719) 748-3475), or e-mail Boyce Drummond at bdrummond3@aol.com.

APPRECIATION TO REVIEWERS

The following kindly reviewed one or manuscripts that were submitted for publication in ATL journals (*Holarctic Lepidoptera* or *Tropical Lepidoptera*) during 1998:

- | | |
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| Z. Balint (Hungary) | K. Johnson (USA) |
| H. Barlow (Malaysia) | G. Lamas (Peru) |
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For its peer-reviewed international journals, ATL sends manuscripts to at least two reviewers. With controversial or complicated manuscripts, sometimes several reviewers are chosen who have the necessary expertise to properly evaluate them. Since reviewers remain anonymous unless they wish their names disclosed to the author of a manuscript, this annual listing is the only recognition normally afforded them for their often extensive, uncompensated time in reviewing manuscripts for the society and for science in general. We very much appreciate their generous help!

NEW LITERATURE - 1997

References included herein are from the 1997 primary Lepidoptera literature of books and major journals. The bibliography is divided into sections for the subject matter of the papers cited: General, Personalia, Morphology/Physiology, Economic, Holarctic, and Tropical papers. The economic section includes only those papers on Lepidoptera pests that may be of more general interest to members. Not listed are about as many papers as are listed herein involving Lepidoptera in such subjects as pest control, molecular biology, silkworm culture, etc., or where a lepidopteran is only used as the subject of various experimental studies. Within the Holarctic and Tropical sections, the papers (mostly taxonomic) are listed alphabetically by family and author, or under the more general headings of Heterocera, Lepidoptera, and Rhopalocera. Papers are listed once except in rare instances where the subject matter pertains to more than one section or family. Notations are made in square brackets after some citations for the country or countries involved, or the family being discussed, when this is not obvious from the title. Papers listed with English titles but with text in other languages, have the text language noted in square brackets at the end of that citation. Papers are dated with dates of issue, thus some citations show a cover date at the end different from the actual date of issue (papers not noting the true issue date in the issue have the correct date in square brackets). J.B.H.

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2 CLADISTICS OF THE CERATOCAMPINAE (*Lepidoptera: Saturniidae*)

by Manuel A. Balcázar-L. and Kirby L. Wolfe

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3 CONTRIBUTIONS TO STUDIES OF WEST AFRICAN BUTTERFLIES

by Andrei Sourakov, with Thomas C. Emmel and Torben B. Larsen

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44 pp (23 Dec 1997)

1998 – Volume 9

1 A CONTRIBUTION TO RIODINID SYSTEMATICS (*Lepidoptera: Riodinidae*)

by Jason P. W. Hall, with K. R. Willmott and D. J. Harvey

\$ 10.00 (\$18.00 non-members)

48 pp (Dec 1998)

2 NOTES ON NEOTROPICAL SKIPPERS. 2 (*Lepidoptera: HesperIIDae*)

by George T. Austin *et al.*

\$ 10.00 (\$18.00 non-members)

52 pp (Dec 1998)

1999 – Volume 10

1 LEPIDOPTERA OF BELIZE

1. Catalog of Butterflies

2. Catalog of the Emperor Moths and Hawk Moths

by Jan Meerman

\$ 7.50 (\$13.50 non-members)

60 pp (1999)

BOOK NEWS

DIE SCHWÄRMER DER WESTLICHEN PALAEARKTIS: Bausteine zu einer Revision (Lepidoptera: Sphingidae)

by F. Danner, U. Eitschberger, and B. Surholt. 1998. 2 v (372+722pp, with 122 col. pl., 449 halftone pl.) (21 x 30cm). U. Eitschberger, Marktleuthen. DM 620 (ca. \$365) cloth.

This 2-volume revision of the European hawk moths is the culmination of a 10-year long study. The plate volume holds 122 color plates, all excellent, and only the first 42 plates are of museum specimens of adults, the remaining color plates are all of larvae and some photographs of adults in nature. There are 293 genitalia plates of halftone photographs, with a further 156 plates of SEM photographs of various parts of the immature stages. The faunal range covers the western Palearctic but some species from the Far East are also included, for a total of 165 species. There are descriptions of 7 new species and 3 new subspecies. All taxa are thoroughly described and detailed in the text volume. The text is in German.

THE CLASSIFICATION AND IDENTIFICATION OF CHINESE BUTTERFLIES

by I. Chou, editor. 1998. 349pp (90 pl.), large format. Henan Tech. & Science Publ., Henan. \$150 cloth (includes shipping).

Prof. I. Chou has written this sequel to the 1994 book, *Monographia Rhopalocerorum Sinensium*, providing a detailed monograph of the genera of Chinese butterflies. Out of 388 genera recorded, 366 have wing venations illustrated and all 388 genera are treated in detail, with representative genitalia illustrations as well. Characters for all genera and tribes are detailed. Notes on included species includes a total of 1317 species, which is 92 more than discussed in the 1994 book. The classification of some genera and tribes is rearranged. The color plates include 848 figures. Text is in Chinese with English summary. Orders with payment can be sent to: Institute of Entomology, Northwestern Agricultural University, P. O. Box 55, Yangling, Shaanxi 712100, China PRC.

MOTHS OF AMERICA NORTH OF MEXICO

Fasc. 27.3. NOCTUOIDEA, Noctuidae (part): Noctuinae (part—Noctuini)
by J. D. Lafontaine. 1998. 348pp (incl. 8 col. pl.) (21 x 28cm). Wedge Entomological Research Foundation, Washington. \$100 paper.

The Noctuidae portion of the series for North American moths continues with this contribution on the cutworm moths of the tribe Noctuini. The revision includes 169 species in 31 genera, with descriptions of 4 new genera and 21 new species. The color plates show all adults (lacking 1) and larvae for 24 species. Halftone plates show the genitalia for all species. There are keys to adults and known larvae. This part covers the second third of the subfamily Noctuinae for North America: the first part, treating the large genus *Euxoa* was already published in 1987. As with the first part, most of the species are western and northern in distribution, a few being Holarctic.

SATURNIIDAE MUNDI: Saturniid Moths of the World. Pt. III

by B. D'Abrera. 1998. 171pp (88 pl.) (26 x 35cm). Goecke & Evers, Keltern, and Hill House, London and Melbourne. £148 (ca. \$235) cloth.

This third part of the world photo-atlas of the Saturniidae covers most of the larger genera, in Saturniinae. Part III is released ahead of Part II, the Hemileucinae, since that subfamily still requires more work. Part I was issued previously. The excellent color plates depict all specimens full size, mainly specimens from the collection of the British Museum (Natural History (now called the Natural History Museum), London, England, although a few added specimens are included from other collections. Reviews will be needed to determine the extent of errors, already compiled for Part I, although overall the book is another magnificent atlas, as the author has done for the butterflies.

THE BUTTERFLIES OF PAPUA NEW GUINEA: their Systematics and Biology, by M. Parsons. [1998]. 22 x 30.5cm, 736pp (26 line drawing pl., 136 pl.). Academic Press, London and San Diego. £185 (ca. \$295) cloth.

The first comprehensive and modern butterfly work for Papua New Guinea, treating the eastern half of the island of New Guinea. The book covers 820 species, all illustrated in 3,309 color photographs on the 136 color plates. A checklist also includes the 139 added species found only in western New Guinea, for a total of 959 species known for the island. There is considerable text and many illustrations for the known immature stages and biologies. There are detailed introductory sections on New Guinea butterfly biogeography, conservation, biodiversity, and associated subjects, and a history of New Guinea butterfly field work, from early explorers to modern studies.

NOTE: The date of this new book is [1998]. Academic Press has issued the book with a 1999 date on the title page, yet has released it for sale already since October 1998! Thus, the correct date for the title will have to be [1998], in square brackets. Academic Press is unfortunately reverting to dating books as was done nearly 200 years ago. For example, works like that of Donovan, and others, were often dated when the title page was printed, not when all the parts were issued: Donovan's *The Natural History of British Insects* has an 1813 date on the title page but publication began in 1792, thus dating is [1792]-1813 for the series. More recently, works like Seitz have continued this procedure: e.g., his *American Bombyces and Sphinges*, vol. 6 of his *Macrolepidoptera of the World*, is dated 1940 on the title page, but was published from 1913-39 (correct dates are printed on each fascicle, thus no square brackets); in this case, only the title page and preface by M. Draudt were issued in 1940! In most cases where square brackets are needed to accurately date a work, one usually has a work that was actually issued *after* the date printed in the work. In the Parsons book, we revert to the more unusual case where a work has been inaccurately postdated by the publisher! Bibliographers and users, be aware!

BOOKS FOR 1999

FLUTTERING ENCOUNTERS IN THE AMAZING ARCHIPELAGO, by Jan Pasternak

This book is expected in 1999, with 200 color photographs of living butterflies from the rainforests of New Guinea, Sulawesi, and Java. Included are spectacular photographs of *Ornithoptera* and other birdwings, their early stages, habitats, etc. The author includes memoirs of field observations on life histories, ecology, and other aspects of tropical butterflies. A book for all enthusiasts of birdwings and other tropical butterflies.

Estimated price: \$110. For more information and ordering, write to Jan Pasternak, Riegrova 12, CZ-61200 Brno, Czech Republic.

MEETINGS

1999 Association for Tropical Lepidoptera: April 16-18, Gainesville, Florida, USA
Lepidopterists' Society, August 4-8, Sierra Vista, Arizona, USA

2000 Association for Tropical Lepidoptera: April 14-16, Gainesville, Florida, USA
Societas Europaea Lepidopterologica, June?, Bialowieza Forest, eastern Poland

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