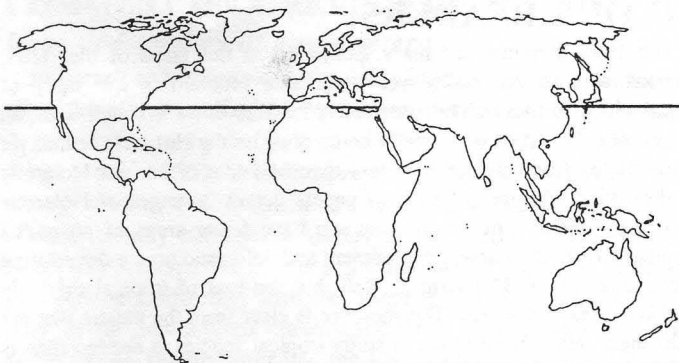




LEPIDOPTERA NEWS

December 1997

No. 4

CONSERVATION OF SEYCHELLES LEPIDOPTERA

To date, 507 Lepidoptera species have been recorded in the Seychelles; these are a mixture of widespread African/Asian species, introductions and a high proportion (55%) of endemic species. Research into species diversity has occurred in short intensive bursts (in 1905, 1908-9, 1955-9 and since 1990). Only in the last two years have attempts been made to evaluate the conservation status of the native species. Many remain virtually unknown with just a few scattered records; however, 51 species have been classified as threatened in the *Seychelles Red Data Book 1997*, 42 of which are Seychelles endemics. Of these, 48% have only been recorded on the island of Silhouette.

Silhouette is the third largest of the granitic Seychelles islands; it is also the second highest. It supports substantial populations of many threatened species and is one of the most important biodiversity hotspots in the Indian Ocean. The Nature Protection Trust of Seychelles established the Silhouette Conservation Project in 1997. This has the long-term aims of restoring the island to its near-natural state. Restoration work will be carried out in partnership with the island's management, the Islands Development Company, which invited the NPTS to establish the project. This is a long-term project and much research work is needed before most restoration projects can be implemented.

One of the research programmes initiated on Silhouette has been a survey of the status of the Lepidoptera. In 1996 and 1997, 15 species were located on Silhouette for the first time, bringing the island's total to 184 species (97% native). Several threatened species were located and some important habitats identified. The most important discovery was made in July 1997 when a major population of the rare indigenous bee hawkmoth *Cephonodes hylas virescens* was found feeding on flowers of the alien shrub *Lantana camara*. During research on this population, a second species was located, *C. tamsi*. This is a large red bee hawkmoth endemic to Seychelles. Prior to the discovery of the Silhouette population, this species was known from a single individual reared from a larva on Mahé island in 1911. Since then, this species has been searched for by many amateurs and professionals; the inevitable conclusion of their failure was that *C. tamsi*

was extinct. It may well be extinct on Mahé, but is now regularly seen on Silhouette. It appears to be much rarer than *C. hylas*, but several individuals can be seen on most days. We are now monitoring the populations of both species, carrying out research into their ecology and searching for further populations. The ecological research is an important first step in ensuring that we can take appropriate measures to ensure the continued survival of this attractive species. Rediscovering 'extinct' species on Silhouette is becoming a commonplace occurrence but it is especially exciting to find a large, brightly coloured species. This is certainly the ideal 'flagship' for Lepidoptera conservation in the Seychelles.

We have two active habitat restoration programmes that should improve conditions for threatened species on Silhouette. One is a localised area of coastal forest near the bee hawkmoth site and the other a major project to restore the Mare aux Cochons marsh. This used to be one of only two high-altitude marshes in the Seychelles until it was partially drained in the 1950s. The area is abandoned and we have just completed survey work prior to reversing the drainage of the site. This will be the largest invertebrate conservation project ever undertaken in the Seychelles as Mare aux Cochons is the only known locality for many endemic invertebrates, including 38% of the threatened endemic Lepidoptera.

The NPTS is a small non-governmental organisation dedicated to the conservation of the natural environment of the region. All our projects are funded by conservation grants or donations from our membership and the general public. The NPTS needs continued support for the Silhouette Conservation Project which offers the best chance of securing the future for the majority of threatened species in the Seychelles.

DR. JUSTIN GERLACH

The Nature Protection Trust of Seychelles, 53 River Lane,
Cambridge CB5 8HP, England

P. O. Box 207, Victoria, Mahé, Seychelles

1998 ATL Photo Contest: entries due by March 15, 1998. Revised awards: now \$750 in cash prizes!

Photo Contest entries are due each year on the same date, March 15. Also, Grand Prize!

ATL EXPEDITIONS:

1999 – CHILE, January

1999 – VENEZUELA, July: first trip in over a decade to this diverse country!

LEPIDOPTERA NEWS

Editor: J. B. Heppner
Assoc. Editor: Thomas C. Emmel

Published by the
Association for Tropical Lepidoptera, Inc.
Publication Office: c/o Florida State Collection of Arthropods
P. O. Box 141210, Gainesville, FL 32614-1210, USA
Tel: (352) 392-5894 FAX: (352) 392-0479 www.troplep.org
Frequency: Quarterly (March, June, September, December)
e-mail: jbhatl@aol.com ISSN: 1062-6581
The Association for Tropical Lepidoptera, Inc., is a non-profit corporation for the study and conservation of tropical and subtropical Lepidoptera of the world. Contributions are tax-deductible. Advertising is accepted.

ASSOCIATION FOR TROPICAL LEPIDOPTERA

BOARD OF DIRECTORS

Vitor O. Becker (Brazil)	Gerardo Lamas (Peru)
Don R. Davis (USA)	Olaf H. H. Mielke (Brazil)
Boyce A. Drummond, III (USA)	Eugene G. Munroe (Canada)
Peter J. Eliazar (USA)	Jon D. Turner (USA)
Thomas C. Emmel (USA)	

Chairman and Executive Director: J. B. Heppner

ADVISORY COUNCIL

Andrés O. Angulo (Chile)	George O. Krizek (USA)
Yutaka Arita (Japan)	Tosio Kumata (Japan)
G. S. Arora (India)	Torben B. Larsen (England)
Henry S. Barlow (Malaysia)	Claude Lemaire (France)
Dubi Benyamini (Israel)	Jorge Llorente B. (Mexico)
Ronald Boender (USA)	Martin Lödl (Austria)
E. de Bros (Switzerland)	Wolfram Mey (Germany)
Keith S. Brown Jr. (Brazil)	Kauri Mikkola (Finland)
C. B. Cottrell (Zimbabwe)	Scott E. Miller (USA)
Charles V. Covell Jr. (USA)	W. M. Neukirchen (Germany)
U. Dall'Asta (Belgium)	K. T. Park (South Korea)
Philip J. DeVries (USA)	Rod E. Parrott (Canada)
Edward W. Diehl (Indonesia)	Amnuay Pinratana (Thailand)
Julian P. Donahue (USA)	Dalibor Povolný (Czech Rep.)
John S. Dugdale (New Zealand)	Jozef Razowski (Poland)
Ulf Eitschberger (Germany)	M. Alma Solis (USA)
Eric Garraway (Jamaica)	Dieter Stüning (Germany)
Lawrence E. Gilbert (USA)	Gerhard Tarmann (Austria)
Dale H. Habeck (USA)	Paul Thiaucourt (France)
Lowell N. Harris (USA)	Jürgen H. R. Thiele (Germany)
H. S. Hussein (Saudi Arabia)	Antonio Vives M. (Spain)
Hiroshi Inoue (Japan)	András Vojnits (Hungary)
Daniel H. Janzen (USA)	Hsiao-Yue Wang (Taiwan)
Kurt Johnson (USA)	Per O. Wickman (Sweden)
R. L. Kitching (Australia)	Allen M. Young (USA)

JOURNAL SEPARATES (1990-95 only): \$1 first page, 25¢ each added page. Specify author, volume, and page numbers. Past journal issues: \$10 each (1990-92), \$15 each (1993-96). *TL News*: \$5 per year.

CONTENTS for the journals will be issued in 1998.

EXPEDITIONS:

CHILE (Santiago, Concepción, and Lake District) January 1999
VENEZUELA (ATL meeting at Coro, plus other sites): July 1999

TO OUR READERS

The 1996 literature summary, published in this issue of the *News*, demonstrates an interesting yet lamentable problem in the study of Lepidoptera. In these times, we need at least 20 times as much work on the tropical faunas as is currently being done on the Holarctic fauna, yet study of the tropical faunas is less than half that of current Holarctic studies: viz., 10 pages of tropical papers versus 24 pages of Holarctic papers for 1996! And, every year we have fewer areas of unspoiled tropical forest. Of course, development and deforestation are devastating some areas of the Holarctic as well, but the loss of tropical diversity warrants greater concern. The message is clear from the papers that are published: much more effort to study tropical species is needed than is currently being done.

Amateurs in particular have done and continue to contribute much of the life history and biological data for Holarctic species. There are very few amateur Lepidopterists in the tropical countries, however, compared to the Holarctic. Consequently, many fewer field studies are carried out in the tropics. We need more of our northern amateurs to go to tropical areas and do field work. Although from Europe it is more distant to tropical regions than from North America, the effort should be made, especially for those persons who have never been in the tropics.

Some of our members may want to take the opportunity to visit the tropics by attending the planned ATL special meeting in July 1999 in Venezuela, our first meeting outside of the USA. We asked in the questionnaire about occasional meetings in tropical regions: the response generally so far has been somewhat negative, since most members thought they would not have time or could not afford the expenses involved for a long trip. Thus, our regular annual meetings will continue in Gainesville, yet perhaps once every 5 years we could have a special meeting and field trip to a tropical locale. In 1999, the Florida Entomological Society will have their annual meeting in Venezuela: the once-every-5-years non-Florida meeting. Their meeting locale will be the northern city of Coro, between Caracas and Maracaibo. We are trying to organize an ATL meeting/field trip in conjunction with the FES meeting in July 1999, so as to make it easier for us to meet by being a partner with the FES at that time. Our ATL meeting in Venezuela would probably be only one day in Coro, followed by about 10 days visiting natural sites in several areas of northern Venezuela, mainly near Barquisimeto and Mérida. Maracay, where the main insect collection is in Venezuela, would be visited before departing from Caracas. Northern Venezuela offers a variety of habitats, ranging from desert (like around Coro), to high Andean mountains (near Mérida), and tropical rain forest, plus cloud forests and at higher elevations even páramo. Please let us know if you may be interested in attending.

J. B. Heppner
Executive Director

NOTES

- 1998 Annual Meeting:** April 17-19, in Gainesville.
- 1998 Annual Photo Contest:** Do not forget to get your best photos ready for the 1998 ATL Photo Contest! Members are welcome to enter up to 4 photographs (8x10 in) taken in nature in each of three categories: butterflies, moths, and immatures. We now accept photos of temperate or tropical species. Prizes now total \$750 (\$150 first place, \$75 second place, \$25 third place, in each category), plus an added special Grand Prize for the top point winner.
- DUES:** The dues remain the same for members making timely payment (postmarked before the end of December): still \$65 for both journals. Single journal (either *Holarctic Lepidoptera* or *Tropical Lepidoptera*) dues remain at \$40 per year. It is \$75 for both only as the cover price and for members not paying on time. Please help us out by paying on time this autumn!
- ATL Home Page:** internet ATL Home Page was revised as of May 15, 1997. See it at <http://www.troplep.org>.

COMMENT ON A REVIEW OF

Keys to Families of Lepidoptera

Rebuttals to book reviews generally are not warranted or needed, since the reviewer should have his/her opinion based on the facts. A recent review by J. Holloway (1997. *The Entomologist* (London), 116:254-255), however, presents some rather skewed views of my work (1996. *Tropical Lepidoptera*, 4, Suppl. 3), so some comments may perhaps be useful to the reader. The review by Holloway presents two avenues of criticism: 1) imperfect keys, and 2) a lack of conformity with the "current global consensus" (as he puts it) of Lepidoptera classification. To demonstrate less than perfect keys, the reviewer had the Lepidoptera staff at the Natural History Museum, London, make a jolly test of the keys on obscure and unknown taxa that even all the experts there have not been able to place to family. It is not surprising to me that these "unknowns" did not key out as expected, since the keys were of course not designed for unknowns not available for study at the time the keys were written! A better judgement of the keys would result from keying various known species to family and tabulating how many keyed out to the correct family. The additional matter of the Hedyliidae, mentioned in the review, of course involves an anomalous family that is noted in the keys to be an exception among Geometroidea, but since most amateurs would see these moths to be near geometrids in general appearance, it is logical to start them in the Geometroidea key, even if they do not have tympanal organs, as the reviewer notes.

As to the second point of the review, the classification underlying the keys is not unreasonable as the reviewer states. Rather, it is the so-called "global consensus" that is more outside reason, with the current fashion of extreme splitting of families and superfamilies. I call this a "fashion" because every other generation of Lepidopterists either goes on a splitting binge or a lumping binge, all with the same basic data. So, these unnecessary oscillations are more a matter of current fashion than of science, often helping the splitter create new taxa names in the process. The same has happened among some beetle families, like the weevil family (Curculionidae), where some specialists now view this family as about 20 "families," yet all were easily defined as one family 25 years ago! My classification is based on extensive and long-term studies of many characters, both of adult and larval characters, and follows a conservative approach to family-level status for the various groups of Lepidoptera and does not segregate more and more families to their own monobasic superfamilies. Once families are split off to different "superfamilies," or genera are transferred to different "families," the relationships to their nearest relatives become obscure simply because they are in a new category: this isolation is not useful when based on insufficient data. It is better to emphasize similarities, and if necessary, to change the definition and scope of the family or superfamily to accommodate the unusual genus or family in each case, than to immediately split it off (the same is true at the genus level when odd species are encountered).

Let us see where the "global consensus" is in 20 years, perhaps when the splitting trend has given way again to a more reasonable approach to what a family (or superfamily) in Lepidoptera should involve. In the meantime, constructive comments and/or corrections on the keys would be welcome, so they can be improved for future editions.

J. B. HEPPNER

Florida State Collection of Arthropods
Gainesville, Florida, USA

ASSOCIATION FOR TROPICAL LEPIDOPTERA

HENRY BATES AWARD

In Recognition of Outstanding and Extraordinary
Efforts Toward the Knowledge and Conservation of
Tropical Lepidoptera

Henry Bates (1825-1892) did considerable work on tropical faunas, including butterflies. At age 23, he went to Brazil on a pioneering study of the Amazon basin, staying there for 11 years. Many of his biodiversity studies centered on the butterfly fauna of this region. He was the discoverer and is name-bearer of what we now call Batesian mimicry. He also provided Charles Darwin with butterfly examples of natural selection, helping Darwin in part to formulate his theory of natural selection. Bates himself published his acclaimed summary of his extensive travels in Amazonas (*The Naturalist on the River Amazons*, 1863) and his study of butterfly mimicry (published in 1862), as well as many other scientific papers. Bates is well-known to all and can serve as a good name bearer for this ATL award.

1. Award to be presented at the ATL annual meeting.
2. Award restricted to tropical faunas of Lepidoptera.
3. Award for major biological or biosystematic work that greatly increases our knowledge of any group of tropical Lepidoptera, from any region of the world's tropics (including south temperate regions like Australia, New Zealand, and Patagonia), particularly as this advances conservation efforts for the group or for Lepidoptera in general in the tropics.

JACOB HÜBNER AWARD

In Recognition of Significant Contributions for the
Advancement of the Systematics of Lepidoptera

Jacob Hübner (1761-1826) produced the only works of major biosystematic and scientific significance on the world fauna of both butterflies and moths. His major contributions (some parts published only after his death) include *Sammlung Europäischer Schmetterlinge* (1796-[1838]) (7 vol., 785 plates), *Sammlung Exotischer Schmetterlinge* (1816-[1838]) (3 vol., 438 plates), and *Verzeichniss Bekannter Schmetterlinge* (1816-[1826]) (431 + 72 pages). His taxonomy is among the best for his time period and many of the names he proposed, genus level and higher, as well as numerous species names, are still in use today. Although there are other works of major importance like his, these either do not include species from all regions of the world or else do not include both butterflies and moths. More recent works are either not as comprehensive or are not as important taxonomically. Consequently, it is appropriate to name the ATL systematics award after Hübner, thus not restricting its name to only one region or only to butterflies. Essig (1931) called him "the first great world lepidopterist."

1. Award to be presented at the ATL annual meeting.
2. Award for work on any Lepidoptera family and faunal region of the world.
3. Award restricted to completion of a monograph, or series of major revisions or biodiversity studies, on a group, or groups, of any Lepidoptera, either temperate or tropical. This award is intended to honor life-long achievement.

NEW LITERATURE - 1996

References included herein are from the 1996 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, Holarctic, Neotropical, and Economic 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 Neotropical 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 of a citation which is 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.

GENERAL

- Allen, A. A.**
1996. A personal view of recent ideas on butterfly taxonomy. *Ent. Rec. J. Var. (Surrey)*, 108:265-266.
- Baldwin, G. G.**
1996. A visit to Butterfly Gorge, Northern Territory, Australia - October 1993. *Ent. Rec. J. Var. (Surrey)*, 108:223-228.
- Baz, A., and A. Garcia-Boyero**
1996. The SLOSS dilemma: a butterfly case study. *Biodiversity Conserv. (London)*, 5:493-502. [Spain]
- Bissoondath, C. J., and C. Wiklund**
1996. Male butterfly investment in successive ejaculation in relation to mating system. *Behav. Eco. Sociobiol. (Berlin)*, 39:285-292. [Canada] [Pieridae]
- Bogner, F. X.**
1996. Interspecific advantage results in intraspecific disadvantage: chemical protection versus cannibalism in *Utetheisa ornatrix* (Lepidoptera: Arctiidae). *J. Chem. Ecol. (New York)*, 22:1439-1451.
- Brakefield, P. M., and C. J. Breuker**
1996. The genetical basis of fluctuating asymmetry for developmentally integrated traits in a butterfly eyespot pattern. *Proc. Roy. Soc. London, (B. Biol. Sci.)*, 263:1557-1563. [Nymphalidae, tropical]
- Brakefield, P. M., J. Gates, D. Keys, F. Kesbeke, P. J. Wijngaarden, A. Monteiro, V. French, and S. B. Carroll**
1996. Development, plasticity and evolution of butterfly eyespot patterns. *Nature (London)*, 384:236-242. [Nymphalidae, tropical]
- Bros, E. de**
1996. Memories of a hiking trip in Patagonia and Tierra del Fuego with collection of Lepidoptera. *Mitt. Ent. Ges. Basel*, 46:52-67. [Argentina] [in German]
- Chai, P.**
1996. Butterfly visual characteristics and ontogeny of responses to butterflies by a specialized tropical bird. *Biol. J. Linn. Soc. (London)*, 59:37-67.
- Collins, M. M.**
1996. Charles Remington's contributions to the species concept. *J. Lepid. Soc. (Los Angeles)*, 50:268-270. [USA]
- Daily, G. C., and P. R. Ehrlich**
1996. Nocturnality and species survival. *Proc. Natl. Acad. Sci. USA (Washington)*, 93:11709-11712.
- Davis, D. R.**
1996. Donation of the Atsushi Kawabe Lepidoptera Collection to the Smithsonian Institution. *J. Lepid. Soc. (Los Angeles)*, 50:270-271. [Japan; USA]
- Eitschberger, U.**
1996. Das Chou Io Entomological Museum in Ningbo oder Die Verzauberung für eine Woche in China — ein Reisebericht. *Atalanta (Munich)*, 27:665-679.
- Ellington, C. P., C. Van Den Berg, A. P. Willmott, and A. L. R. Thomas**
1996. Leading-edge vortices in insect flight. *Nature (London)*, 384:626-630. [Sphingidae]
- Emmel, T. C., A. Sourakov, and A. Dantchenko**
1996. A butterfly expedition to Armenia. *Holarctic Lepid. (Gainesville)*, 3:37-41.
- Esche, T.**
1996. Do nocturnal moths compete for blossoms?: studies on niche separation and pollination efficacy (Insecta, Lepidoptera). *Neue Ent. Nachr. (Marktleuthen)*, 35:1-195. [Germany] [in German]
- Feber, R. E., H. Smith, and D. W. Macdonald**
1996. The effects on butterfly abundance of the management of uncropped edges of arable fields. *J. Appl. Ecol. (Oxford)*, 33:1191-1205. [UK]
- Gardiner, B. O. C.**
1996. Little-known entomological literature 5. *Ent. Rec. J. Var. (Surrey)*, 108:216-219. [UK]
- Goater, B.**
1996. Two weeks entomologising in Bulgaria, 12-26 September 1995. *Ent. Rec. J. Var. (Surrey)*, 108:269-284, 306.
- Hanski, I., A. Moilanen, T. Pakkala, and M. Kuussaari**
1996. The quantitative incidence function model and persistence of an endangered butterfly metapopulation. *Conserv. Biol. (Cambridge)*, 10:578-590. [Finland]
- Hara, M.**
1996. A trip for butterflies in north-eastern China. *Yadoriga (Osaka)*, 168:9-23. [in Japanese]
- Heppner, J. B.**
1996. Keys to families of Lepidoptera. *Trop. Lepid. (Gainesville)*, 4 (Suppl. 3):1-28. (1993)
- Holl, K. D.**
1996. The effect of coal surface mine reclamation on diurnal lepidopteran conservation. *J. Appl. Ecol. (Hamburg)*, 33:25-236. [USA]
- Jarvilehto, M., and V. B. Meyer-Rochow**
1996. Northern butterflies are the brightest: the UV-sensitivity as a factor for visual ecology. *Soc. Neurosci. Abs. (Washington)*, 22:1146. [Finland]
- Kelber, A.**
1996. Colour learning in the hawkmoth *Macroglossum stellatarum*. *J. Exp. Biol. (Cambridge)*, 199:1127-1131. [Germany] [Sphingidae]
- Kelly, D. R.**
1996. When is a butterfly like an elephant? *Chem. Biol. (London)*, 3:595-602.
- Kesselring, J.**
1996. Ein Schmetterlingsgarten mitten in der Stadt (Lep.). João Pessoa, (Paraíba), Brasilien. *Galathea (Nuremberg)*, 12:89-92. [Brazil]
- Koval, T. M.**
1996. Moths: myths and mysteries of stress resistance. *Bioessays (Cambridge)*, 18:149-156.
- Kozlov, M. V.**
1996. Patterns of forest insect distribution within a large city: Microlepidoptera in St. Petersburg, Russia. *J. Biogeog. (Helsinki)*, 23:95-103.
- Larsen, T. B.**
1996a. Hazards of butterfly collecting — tribal life in Hermel, Lebanon, 1972. *Ent. Rec. J. Var. (Surrey)*, 108:17-18.
1996b. Hazards of butterfly collecting — that wonderful family feeling. *Ent. Rec. J. Var. (Surrey)*, 108:76-78. [Ivory Coast]
1996c. Hazards of butterfly collecting — "I am a tiny man", United Kingdom, 1973. *Ent. Rec. J. Var. (Surrey)*, 108:140-141.
1996d. Hazards of butterfly collecting — Syria, August, 1970. *Ent. Rec. J. Var. (Surrey)*, 108:206-207.
1996e. Hazards of butterfly collecting, Ethiopia, 1981 — Spare that bouquet. *Ent. Rec. J. Var. (Surrey)*, 108:266-267.
1996f. Hazards of butterfly collecting — tracking down a *Cymothoe* — Oban Hills, Nigeria, 1995. *Ent. Rec. J. Var. (Surrey)*, 108:219-292, pl. F.
- Lödl, M.**
1996a. Vartian Collection to the Museum of Natural History, Vienna. *J. Lepid. Soc. (Los Angeles)*, 50:90-91. [Europe]
1996b. Die Schmetterlingssammlung Vartian — nunmehr Teil der Bestände des Naturhistorischen Museums Wien. *Ent. Zeit. (Frankfurt)*, 106:206-208.
- Lowman, M. D., R. L. Kitching, and G. Carruthers**
1996. Arthropod sampling in Australian subtropical rain forests — How accurate are some of the more common techniques? *Selbyana (Sarasota)*, 17:36-42. [Lepidoptera]
- Luquet, G. C.**
1996. Les écrits lépidoptéologiques de Vladimir Nabokov. *Alexanor (Paris)*, 19:149-152 (1995).

- Miller, W. E.
1996. Population behavior and adult feeding capability in Lepidoptera. *Environ. Ent.* (Lanham), 25:213-226.
- Munroe, E.
1996. Distributional patterns of Lepidoptera in the Pacific islands. In *The Origin and Evolution of Pacific Island Biotas, New Guinea to Eastern Polynesia: Patterns and Processes*, 275-295. Rotterdam: E. J. Brill.
- Murariu, D., and A. Popescu-Gorj
1996. Muzeul de Istorie Naturala "Grigore Antipa" in Bucharest, Romania. *Holarctic Lepid.* (Gainesville), 3:43-46.
- Nieminen, M.
1996. Migration of moth species in a network of small islands. *Oecol.* (Berlin), 108:643-651. [Finland]
- Nummelin, M.
1996. The community structure of arthropods in virgin and managed sites in the Kibale Forest, Western Uganda. *Trop. Ecol.* (Varanasi), 37:203-213.
- Nylin, S.
1996. Seasonal adaptation in butterflies: a story on plasticity. *Ent. Tidskr.* (Stockholm), 117:1-10. [Sweden]
- Ozanne, C. M. P.
1996. The arthropod communities of coniferous forest trees. *Selbyana* (Sarasota), 17:43-49. [England]
- Paukstadt, U., and S. Naumann
1996. Entomologische Eindrücke von den Molukken, Indonesien. *Ent. Zeit.* (Frankfurt), 106:41-57.
- Quidet, P.
1996. Don d'une collection de lépidoptères au Muséum d'Histoire Naturelle de Nîmes. *Alexanor* (Paris), 19:159-164. [France]
- Raineri, V.
1996. The Geometridae collection of the Count Turati housed at the Regional Museum of Natural Sciences of Turin (Lepidoptera Geometridae). *Boll. Museol. Reg. Sci. Nat.* (Turin), 14:179-247. [Italy] [in Italian]
- Scoble, M. J.
1996. The 1995 Presidential Address. *Brit. J. Ent. Nat. Hist.* (Reading), 9:242-256, 1 pl. [Hedylidae color plate]
- Shreeve, T. G., R. J. H. Dennis, and A. S. Pulin
1996. Marginality: scale determined processes and the conservation of the British butterfly fauna. *Biodiversity Conserv.* (London), 5:1131-1141. [UK]
- Sibatani, A.
1996. Winding up my collecting experiences near Beijing, 1988. *Yadoriga* (Osaka), 165:6-7. [China] [In Japanese]
- Sibatani, A. et al. (eds.)
1996. *Urban Life with Butterflies Around II*. Tokyo: Lepid. Soc. Japan. 44pp. [Japan butterfly gardens] [In Japanese]
- Simon, H. R.
1996. Die artenreichsten Insekten-Ordnungen. Teil 2: Anzahl rezenter Arten mit Anmerkungen zur ökologischen Signifikanz. *Ent. Zeit.* (Frankfurt), 106:5-29.
- Smallidge, P. J., D. J. Leopold, and C. M. Allen
1996. Community characteristics and vegetation management of Karner blue butterfly (*Lycaeides melissa samuelis*) habitats on right-of-ways in east-central New York, USA. *J. Appl. Ecol.* (Oxford), 33:1405-1419.
- Sparks, T. H., J. N. Greatorex-Davies, J. O. Mountford, M. L. Hall, and R. H. Marrs
1996. The effects of shade on the plant communities of rides in plantation woodland and implications for butterfly conservation. *For. Ecol. Mgmt.* (Amsterdam), 80:197-207. [UK]
- Stan, G.
1996. Statistical methods applied in entomological researches (VIII). *Bul. Inform. Soc. Lepid. Rom.* (Cluj), 6:267-289. (1995) [in Romanian]
- Stanescu, M.
1996. The catalogue of "Ludovic Beresgászy" lepidopteran collection (Insecta: Lepidoptera). *Trav. Mus. Hist. Nat. "G. Antipa"* (Bucharest), 35:221-346. (1995)
- Tanaka, B., and Y. Arita (eds.)
1996. *Decline and Conservation of Butterflies in Japan IV*. Tokyo: Lepid. Soc. Japan. 240pp. [In Japanese]
- Tarmann, G. M.
1996a. Sammeln in Tirol — Appell an Fairness und Vernunft. *Nachr. Ent. Ver. Apollo* (Frankfurt), 17:115-116. [collecting regulations in Austria]
1996b. Sammeln in Tirol — Appell an Fairness und Vernunft. *Ent. Zeit.* (Frankfurt), 106:293-294. [collecting regulations in Austria]
- Tarrier, M.
1996. Incitation au dépôt de matériel auprès des musées et collections publiques. *Alexanor* (Paris), 19:375-376.
- Veling, K.
1996. Protecting of butterflies, from nationwide to the backyard. *Levende Natuur* (The Hague), 97:225-228. [Netherlands] [in Dutch]
- Viejo, J. L.
1996. La protección legal de los insectos en España o un viaje del deseo a la realidad (Insecta: Lepidoptera). *SHILAP Revta. Lepid.* (Madrid), 24:5-19. [Spain]
- Wagner, D. L., J. W. Peacock, J. L. Carter, and S. E. Talley
1996. Field assessment of *Bacillus thuringiensis* on nontarget Lepidoptera. *Environ. Ent.* (Lanham), 25:1444-1454. [USA]
- Wahlber, N., A. Moilanen, and I. Hanski
1996. Predicting the occurrence of endangered species in fragmented landscapes. *Science* (Washington), 273:1536-1538.
- Waring, P., G. Collins, and A. Spalding
1996. The BENHS Expedition to Belize, January-February 1996. *Brit. J. Ent. Nat. Hist.* (Reading), 9:197-203.
- Watanabe, Y.
1996. An insectarium in Bali, Indonesia. *Yadoriga* (Osaka), 167:22-25. [in Japanese]
- Wickman, P.-O.
1996. Butterfly leks. *Ent. Tidskr.* (Stockholm), 117:73-85. [in Swedish]
- Yoshimura, J., and V. A. A. Jansen
1996. Evolution and population dynamics in stochastic environments. *Res. Pop. Ecol.* (Kyoto), 38:165-182. [UK] [Pieridae]

PERSONALIA

- Arnaud, P. S., Jr.
1996. Alexandre Constantinovich Chnéour (Schneeur) (1884-1977). *J. Lepid. Soc.* (Los Angeles), 50:92-95. [Europe, USA]
- Aspöck, H.
1996. Ruth Holzinger 1921-1995. *Zeit. Arbeitsgem. Österr. Ent.* (Vienna), 48:65-72. [Austria]
- Bordón, C.
1996. In Memoriam, Luis Peña (1921 - 1995). *Bol. Ent. Venez.* (Caracas), (n.s.) 11:203-204.
- Burmeister, E.-G.
1996. Im Gedenken an Dr. Ernst Preisner. *NachrBl. Bayer. Ent.* (Munich), 45:92-93. [Germany]
- Conci, C., and R. Poggi
1996. Iconography of Italian Entomologists, with essential biographical data. *Mem. Soc. Ent. Ital.* (Genoa), 75:159-382.
- Durbesic, P., and Z. Adamovic
1996. The ecological achievements in the scientific work of Zdravko Lorkovic. *Period. Biol.* (Zagreb), 98:253-257. [Croatia]
- Eitschberger, U.
1996a. Herbert Seidlein, 1936-1995. *Atalanta* (Munich) 27:1-2. [Germany]
1996b. Dr.h.c. Kurt Harz, 2.III.1915-20.IX.1996. *Atalanta* (Munich) 27:467-469. [Germany]
- Fusonie, A.
1996. Missouri and France: the Charles Valentine Riley connection. *J. Kansas Ent. Soc.* (Lawrence), 69:109-121. [USA]
- Hausmann, A.
1996. In memoriam, Dr. Wolfgang Dierl (*20.1.1935, †26.3.1996). *NachrBl. Bayer. Ent.* (Munich), 45:50-55. [Germany]
- Hoffmann, A.
1996. In Memoriam Leonila Vazquez Garcia (1911-1995). *Fol. Ent. Mex.* (Mexico City), 93:1-6. (1995) [Mexico]
- Perju, T.
1996. In memoriam conf.dr. Gheorghe G. Boguleanu. *Bul. Inform. Soc. Lepid. Rom.* (Cluj), 6:329-331. (1995) [in Romanian] [Romania]
- Poggi, R., and C. Conci
1996. Elenco delle collezioni entomologiche conservate nelle strutture pubbliche Italiane. *Mem. Soc. Ent. Ital.* (Genoa), 75:3-157. [Italy]
- Smith, F. H. N.
1996. Paul Neville Siddons, 1914-1994. *Brit. J. Ent. Nat. Hist.* (Reading), 9:46. [England]

Whitebread, S.

1996. Dirk Hamborg (1957-1995). *Nota Lepid.* (Munich), 18:126 (1995). [Germany]

MORPHOLOGY / PHYSIOLOGY

Anon.

1996. Sensory cues used by hawkmoths pollinating night-blooming flora. *Amer. Zool.* (Washington), 36:102A. [USA] [Sphingidae]

Arikawa, K., and Y. Miyako-Shimazaki

1996. Combination of physiological and anatomical methods for studying extraocular photoreceptors on the genitalia of the butterfly, *Papilio xuthus*. *J. Neurosci. Meth.* (Amsterdam), 69:75-82. [Japan]

Arikawa, K., D. G. W. Scholten, and D. G. Stavenga

1996. Spectral origin of the red receptors in the retina of the butterfly *Papilio xuthus*. *Zool. Sci.* (Tokyo), 13:118. [Japan]

Baldassari, N., A. Marini, P. Baronio, G. Fiumi, F. Rama, and A. Capizzi

1996. Captures of carophagous Lepidoptera of chestnut by specific synthetic sexual attractants and response of others Lepidoptera: Oecophoridae, Tortricidae, Thyatiridae, Geometridae, and Lymantriidae. *Boll. Ist. Ent. Univ. Stud. Bologna*, 1996:155-181 [in Italian]

Bera, S., and N. Ghorai

- [1996]. *Acrostichum aureum* L.: Lepidopteran moth interaction from Sunderbans, West Bengal. *Indian Fern J.* (Delhi), 12:173-176. (1995)

Büttiker, W., H. W. Krenn, and J. F. Putterill

1996. The proboscis of eye-frequenting and piercing Lepidoptera (Insecta). *Zoomorphol.* (Berlin), 116:77-83.

Dabrowski, J. S., and W. Dobranski

1996. Wing pattern variation in diurnal butterflies received by experimental research, with special reference to intrapupae injections (Lepidoptera, Rhopalocera). *Atalanta* (Munich), 27:657-664, pl. 13-14. [Europe; Nymphalidae, Papilionidae, Zygaenidae]

Dey, S., R. N. K. Hooroo, and D. Wankhar

- [1996]. Scanning electron microscope studies of the external morphology of sensilla on the legs of a butterfly, *Graphium sarpedon* (Lepidoptera-Papilionidae). *Micron* (Oxford), 26:367-376. (1995) [India]

Ellington, C. P., C. Ven Den Berg, A. P. Willmott, and A. L. R. Thomas

1996. Hawkmoths, robots and concorde: how insects fly. *Amer. Zool.* (Washington), 36:8A. [UK]

Fantinou, A., J. A. Tsitsipis, and M. G. Karandinos

1996. Effects of short- and long-day photoperiods on growth and development of *Sesamia nonagrioides* (Lepidoptera: Noctuidae). *Environ. Ent.* (Lanham), 25:1337-1343. [Greece]

Faucheux, M. J.

1996. Sensilla on the ovipositor of the carpet moth, *Trichophaga tapetzella* L. (Lepidoptera: Tineidae). *Nota Lepid.* (Munich), 18:193-201 (1995).

Foster, S. P., and W. L. Roelofs

1996. Sex pheromone biosynthesis in the tortricid moth, *Ctenopseustis herana* (Felder and Rogenhofer). *Arch. Insect Biochem. Physiol.* (New York), 33:135-147. [New Zealand]

Gan, Y.-L., X.-W. Wan, Y.-H. Zhang, and M.-Y. Liu

1996. Ultrastructure of the sex-pheromone-producing gland in *Mythimna separata*. *Acta. Zool. Sinica* (Beijing), 42:119-122. [China] [in Chinese]

Gilbert, H. L., and M. Anderson

1996. The spectral efficiency of the eye of *Ephestia cautella* (Walker) (Lepidoptera: Pyralidae). *J. Stored Prod. Res.* (Oxford), 32:285-291. [UK]

Gray, T. G., R. F. Shepherd, G. Gries, and R. Gries

1996. Sex pheromone component of the western blackheaded budworm, *Acleris gloverana* Walsingham (Lepidoptera: Tortricidae). *Can. Ent.* (Ottawa), 128:1135-1142. [Canada]

Gruenewald, B., and H. Wunderer

1996. The ocelli of arctiid moths: ultrastructure of the retina during light and dark adaptation. *Tissue Cell* (Harlow), 28:267-277. [USA]

Haemmerle, B., and G. Kolb

1996. Retinal ultrastructure of the dorsal eye region of *Pararge aegeria* (Linne) (Lepidoptera: Satyridae). *Internatl. J. Insect Morphol. Embryol.* (Oxford), 25:303-315. [Spain]

Haribal, M., and J. A. Renwick

1996. Oviposition stimulants for the monarch butterfly: flavonol glycosides from *Asclepias curassavica*. *Phytochem.* (Oxford), 41:139-144. [USA]

Hildebrand, J. G.

1996. Olfactory control of behavior in moths: central processing of odor information and the functional significance of olfactory glomeruli. *J. Comp. Physiol. A. Sens. Neur. Behav. Physiol.* (Berlin), 178:5-19. [USA]

Johnson, K. S., J. M. Scriber, and M. Nair

1996. Phenylpropenoid phenolics in sweetbay magnolia as chemical determinants of host use in saturniid silkmoths (*Callosamia*). *J. Chem. Ecol.* (New York), 22:1955-1969. [USA]

Kawaguchi, Y., K. Sumida, Y. Banno, K. Koga, and H. Doira

1996. Features and growth of the stemmata in the varnished eye mutant of *Bombyx mori*. *J. Sericult. Sci. Japan* (Ibaraki), 65:441-446. [Japan] [Bombycidae]

Kinoshita, M., and K. Arikawa

1996. Two classes of photoreceptors and their special sensitivities in the visual system of the butterfly *Papilio xuthus*. *Zool. Sci.* (Tokyo), 13:118. [Japan]

Koch, P. B.

1996. Molecular mechanisms of pattern formation and pigment synthesis in butterfly wings. *Pigment Cell Res.* (Copenhagen), Suppl. 5:78-79. [Germany]

Kochansky, J., A. Hill, J. W. Neal, Jr., J.-A. Bentz, and W. Roelofs

1996. The pheromone of the eastern tent caterpillar, *Malacosoma americanum* (F.) (Lepidoptera: Lasiocampidae). *J. Chem. Ecol.* (New York), 22:2251-2261. [USA]

Kumar, V., G. P. Singh, and R. K. Datta

1996. Spinneret: the spinning apparatus of silkworm, *Bombyx mori* L. *Zhivot. Nauk.* (Sofia), 33:5-53. [in Bulgarian]

Kumazawa, K., K. Negita, T. Hasegawa, and H. Tabata

1996. Fluorescence from cover and basal scales of *Morpho sulkowskyi* and *Papilio xuthus* butterflies. *J. Exp. Zool.* (New York), 275:15-19. [Japan]

Kumazawa, K., and H. Tabata

1996. Time-related fluorescence studies of the wings of *Morpho sulkowskyi* and *Papilio xuthus* butterflies. *Zool. Sci.* (Tokyo), 13:843-847. [Japan]

Lapshin, D., and M. V. Fedorova

1996. Responses of noctuid tympanal organs (*Amphipyra perflua*: Noctuidae) to the impulse ultrasound signals. *Sensornye Sistemy* (Moscow), 10:5-17. [Russia]

Lewis, F. P., and J. H. Fullard

1996. Neurometamorphosis of the ear in the gypsy moth, *Lymantria dispar*, and its homologue in the earless forest tent caterpillar moth, *Malacosoma disstria*. *J. Neurobiol.* (New York), 31:245-262. [Canada]

Loeliger, E. A., and F. Karrer

1996. On the induction of metamorphosis of Lepidoptera by means of ecdysone and 20-hydroxyecdysone. Data on 268 hybrid and non-hybrid Sphingidae and 14 Bombyces. *Nota Lepid.* (Munich), 19:113-128. [Europe]

Luo, L.

1996. An ultrastructural study on the development of flight muscle in adult Oriental armyworm, *Mythimna separata* (Walker). *Acta Ent. Sinica.* (Beijing), 39:366-374. [China; Noctuidae] [in Chinese]

Mohri, H., M. Kubo-Irie, T. Shinkawa, and T. Nakazawa

1996. Morphological changes of eupyrene and apyrene sperm in reproductive tracts of the butterfly *Atrophaneura alcinous*. *Zool. Sci.* (Tokyo), 13:71. [Japan]

Mueller, T., and S. A. Ulenberg

1996. Antennal sensory organs in *Dichrorampha* Guenée and *Epiblema* Hübner (Lepidoptera: Tortricidae): a scanning electron microscope study. In M. J. Sommeijer and P. J. Francke (eds.), *Proceedings of the Section Experimental and Applied Entomology of the Netherlands Entomological Society (N.E.V.)*, 7:223-231. Amsterdam: Netherlands Ent. Soc.

Northcott, M. A., and J. H. Fullard

1996. The closed-loop nature of the tymbal response in the dogbane tiger moth, *Cynthia tenera* (Lepidoptera, Arctiidae). *Brain Behav. Evol.* (Basel), 48:130-136. [Canada]

Numata, H., Y. Kida, and H. Fuji

1996. Autumn diapause in the embryo of a butterfly *Minois dryas*. *Zool. Sci.* (Tokyo), 13:58. [Japan]

Ren, S.-X., and L.-J. Yuan

1996. Humoral defence of diapausing pupae of *Antheraea pernyi*. *Acta Ent. Sinica.* (Beijing), 39:354-359. [China; Saturniidae]

Sendi, J. J., K. P. Srivastava, and M. R. K. Singh

1996. Postembryonic study on the development of the female efferent genital

- system in the lemon-butterfly, *Papilio demoleus* L. (Lepidoptera). *JRL* (Beverly Hills), 32:162-169 (1993). [India]
- Shinkawa, T., and T. Nakazawa**
1996. Phylogenetic examination of the surface structure and arrangement in Lepidoptera scales (Lepidoptera). *Zool. Sci.* (Tokyo), 13:41. [Japan]
- Smedley, S. R., and T. Eisner**
1996. Sodium: a male moth's gift to its offspring. *Proc. Natl. Acad. Sci. USA* (Washington), 93:809-813. [USA; Notodontidae]
- Speidel, W., H. Fänger, and C. M. Naumann**
1996. The surface microstructure of the noctuid proboscis (Lepidoptera: Noctuidae). *Zool. Anz. (Jena)*, 234:307-315. [Germany]
- Suckling, D. M., G. Karg, A. R. Gibb, and S. J. Bradley**
1996. Electroantennogram and oviposition responses of *Epiphyas postvittana* (Lepidoptera: Tortricidae) to plant volatiles. *New Zealand J. Crop Hort. Sci.* (Wellington), 24:323-333. [New Zealand]
- Tabata, H., T. Hasegawa, N. Nakagoshi, S. Takikawa, and T. Tsusue**
1996. Occurrence of bioprotein in the wing of *Morpho* butterflies. *Experientia* (Basel), 52:85-87. [Nymphalidae]
- Tougaard, J.**
1996. Energy detection and temporal integration in the noctuid A1 auditory receptor. *J. Comp. Physiol. (Berlin)*, (A: Sensory Neural Behav. Physiol.) 178:669-677. [Denmark]
- Traut, W., and F. Marec**
1996. Sex chromatin in Lepidoptera. *Qtr. Rev. Biol.* (Chicago), 71:239-256.
- Trigo, J. R., K. S. Brown, Jr., S. A. Henriques, and L. E. S. Barata**
1996. Qualitative patterns of pyrrolizidine alkaloids in Ithomiinae butterflies. *Biochem. Syst. Ecol.* (Oxford), 24:181-188. [Brazil]
- Waters, D. A.**
1996. The peripheral auditory characteristics of noctuid moths: information encoding and endogenous noise. *J. Exper. Biol.* (Cambridge), 199:857-868. [UK]
- Waters, D. A., and G. Jones**
1996. The peripheral auditory characteristics of noctuid moths: responses to the search-phase echolocation calls of bats. *J. Exper. Biol.* (Cambridge), 199:847-856. [UK]
- Yoshida, A., M. Motoyama, A. Kosaku, and K. Miyamoto**
1996. Nanoprotuberance array in the transparent wing of a hawkmoth, *Cephanodes hylas*. *Zool. Sci.* (Tokyo), 13:525-526. [Sphingidae]

HOLARCTIC LEPIDOPTERA

ACROLEPIIDAE

- Gaedike, R.**
1996. Die Acrolepiidae und Epermeniidae der Nepal-Expeditionen der Zoologischen Staatssammlung München sowie eine neue *Epermenia* aus China (Insecta, Lepidoptera). *Spixiana* (Munich), 19:221-227. [Nepal, China]
- Langmaid, J. R.**
1996. *Acrolepia autumnitella* Curtis (Lepidoptera: Yponomeutidae) feeding on tomato (*Lycopersicon esculentum* Miller). *Ent. Gaz.* (Wallingford), 47:8. [England]

ADELIDAE

- Hirowatari, T., and K. Yamanaka**
1996. Biology of *Nemophora albiantennella* Issiki (Lepidoptera, Adelidae). 1. Host plants and daily activity pattern. *Japan. J. Ent.* (Tokyo), 64:619-626. [Japan]

ALUCITIDAE

- Luquet, G. C.**
1996. Confirmation de la présence en France d'*Alucita palodactyla* Z. Deuxième mention française d'*A. cancellata* Meyrick. Quinzième contribution à l'étude du peuplement en lépidoptères du Mont-Ventoux (Vaucluse) (Lepidoptera Alucitidae). *Alexanor* (Paris), 19:271-273.

ARCTIIDAE

- Betzholdt, P.-E., and M. Lindeborg**
1996. Is there a future for the handmaid, *Dysauxes ancilla* (Lepidoptera: Ctenuchidae), on the Baltic Island of Oland? *Ent. Tidskr.* (Stockholm), 117:103-111. [Sweden] [in Swedish]
- Clarke, C. A., A. Cronin, W. Francke, C. Philipp, J. A. Pickett, L. J. Wadhams, and C. M. Woodcock**

1996. Mating attempts between the scarlet tiger moth, *Callimorpha dominula* L., and the cinnabar moth, *Tyria jacobaeae* L. (Lepidoptera: Arctiidae). *Experientia* (Basel), 52:636-638. [UK]
- Cook, L. M., and D. A. Jones**
1996. The *medionigra* gene in the moth *Panaxia dominula*: the case for selection. *Phil. Trans. Roy. Soc. London*, (B) 1996:1623-1634. [England]
- Dubatolov, V. V.**
1996a. *Sinowatsonia*, a new genus of Arctiidae from Tibet (China) (On the systematics of the genus *Micrarctia* Seitz s.l., Part 2). *Neue Ent. Nachr.* (Marktleuthen), 37:5-8.
1996b. A review of the genus *Palearctia* Ferguson (On the systematics of the genus *Micrarctia* Seitz s.l., Part 3). *Neue Ent. Nachr.* (Marktleuthen), 37:9-37.
1996c. A list of the Arctiinae of the territory of the former U.S.S.R. (Lepidoptera: Arctiidae). *Neue Ent. Nachr.* (Marktleuthen), 37:38-87. [Russia]
1996d. A catalogue of type specimens of Palaearctic tiger moths (Lepidoptera, Arctiidae, Arctiinae) preserved in the collection of the Zoological Institute of Russian Academy of Sciences (St. Petersburg). *Ent. Obozr.* (Moscow), 75:338-356. [in Russian]
- Dunk, K. von der**
1996. *Arctia caja* in variationen (Lep., Arctiidae). *Galathea* (Nuremberg), 12:85-88. [Germany]
- Eitschberger, U., and H. Steiniger**
1996a. Arctiidae 1994. *Atalanta* (Munich), 27:33. [Europe]
1996b. Arctiidae 1995. *Atalanta* (Munich), 27:495. [Europe]
- Gomi, T.**
1996. Regional differences in diapause and post-diapause development of the fall webworm, *Hyphantria cunea* Drury (Lepidoptera: Arctiidae). *Appl. Ent. Zool.* (Tokyo), 31:462-464. [Japan]
- Gomi, T., and M. Takeda**
1996. Changes in life-history traits in the fall webworm within half a century of introduction to Japan. *Funct. Ecol.* (Oxford), 10:384-389.
- Kautt, P.**
1996. *Palearctica hauensteini* sp. n., eine neue Bärenspinnerart aus Südtibet (Lepidoptera: Arctiidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), 17:41-49. [Tibet]
- Luquet, G. C.**
1996. Géonémie de quelques lépidoptères légalement protégés en France. 1. *Phragmatobia caesarea* Goeze (Lepidoptera Arctiidae Arctiinae). *Alexanor* (Paris), 19:173-192.
- Nakayama, K.**
1996. *Nyctemera lactinica* (Cramer) (Arctiidae) from Nakamura City, Kôchi. *Japan. Heteroc. J.* (Tokyo), 189:233. [in Japanese] [Japan]
- Nardelli, U., and B. Giandolfo**
1996. Anmerkungen über die sizilianische Population von *Callimorpha dominula* L. mit Beschreibung einer neuen Unterart (Lepidoptera: Arctiidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 17:283-299. [Italy: Sicily]
- Owen, D. F.**
1996. Larval food shortage and adult dispersal in *Callimorpha dominula* (L.) (Lepidoptera: Arctiidae). *Nota Lepid.* (Munich), 18:281-288 (1995). [England]
- Pérez-López, F. J.**
1996. Presencia de *Coscinia romei* Sagarra, 1924, en el sur de la Península Ibérica (Lepidoptera, Arctiidae). *Alexanor* (Paris), 19:345-349. [Spain]
- Simmons, R., and W. E. Conner**
1996. Ultrasonic signals in the defense and courtship of *Euchaetes egle* Drury and *E. bolteri* Stretch (Lepidoptera: Arctiidae). *J. Insect Behavior* (New York), 9:909-919. [USA]
- Smith, M. H.**
1996. Notes on the scarlet tiger *Callimorpha dominula* (Linnaeus) (Lep.: Arctiidae) occurring on Salisbury Plain in Wiltshire. *Ent. Rec. J. Var.* (Surrey), 108:197-198. [UK]
- Zhang, Q.-H., F. Schlyter, D. Chu, X.-Y. Ma, and Y. Ninomiya**
1996. Female calling behaviour and response of males to synthetic pheromone and virgin females in spring and summer generations of *Hyphantria cunea* (Lep., Arctiidae). *J. Appl. Ent.* (Hamburg), 120:467-476. [Japan]
- Zilli, A.**
1996. Colour polymorphism of *Callimorpha dominula* (Linnaeus, 1758) in Italy, and the problem of polytopic subspecies (Lepidoptera, Arctiidae, Callimorphinae). *Mitt. Münch. Ent. Ges.* (Munich), 86:79-98. [Italy]

[includes Zygaenidae plate]

Zolotuhin, V. V.

1996. *Thumatha monochroa* spec. nov., a new species of arctiid moth from south-eastern Kazakhstan (Lepidoptera, Arctiidae). *Atalanta* (Munich), 27:339-341.

BLASTOBASIDAE

Adamski, D., and R. W. Hodges

1996. An annotated list of North American Blastobasinae (Lepidoptera: Gelechioidea: Coleophoridae). *Proc. Ent. Soc. Washington*, 98:708-740.

Nel, J., and G. Brusseau

1996. Quelques Gelechioïdes intéressants du Vaucluse; *Holcocera perfugella* Jonasson, 1985 (Blastobasidae), nouveau pour la faune de France (Lep., Gelechioidea). *Bull. Soc. Ent. Fr.* (Paris), 101:200.

BOMBYCIDAE

Fukuda, F., and R. Kanzaki

1996. Analysis of the orientation walking towards the odor source in a silkworm moth, *Bombyx mori*. *Zool. Sci.* (Tokyo), 13:128. [Japan]

Inoue, H.

1996. The first moth species described from "Japan." *Yugato* (Tokyo), 144:33-36. [*Bombyx mori* synonym]

Pan S.-Y., M. Tao, S. Aiqun, and J. Tongming

1996. Difference between male and female pupae of *Bombyx mori* in near infrared reflectance spectra and their pattern recognition. *Acta Ent. Sinica* (Beijing), 39:360-365. [China] [in Chinese]

BUCCULATRICIDAE

Casher, L. E.

1996. Leaf toughness in *Quercus agrifolia* and its effects on tissue selection by first instars of *Phryganidia californica* (Lepidoptera: Dioptidae) and *Bucculatrix albertiella* (Lepidoptera: Lyonetiidae). *Ann. Ent. Soc. Amer.* (Lanham), 89:109-121. [USA]

Puplesis, R., and A. Diskus

1996. Five new mining Lepidoptera (Nepticulidae, Bucculatricidae) from Central Asia. *Tijds. Ent.* (Amsterdam), 139:181-190.

COLEOPHORIDAE

Baldizzone, G.

1996. Contribuzioni alla conoscenza dei Coleophoridae. LXXXVI. I Coleophoridae di Cipro (Lepidoptera: Coleophoridae). *SHILAP Revta. Lepid.* (Madrid), 24:359-367. [Cyprus]

Coenen, F.

1996. *Coleophora tanacetii* Mühlig, 1865 et *Coleophora supinella* Ortner, 1949, espèces nouvelles pour la faune belge (Lepidoptera: Coleophoridae). *Phegea* (Antwerp), 24:89-90. [Belgium]

Ellis, C. R., and S. Bjørnson

1996. The biology, importance, and biological control of *Coleophora deauratella* (Lepidoptera: Coleophoridae), a new pest of red clover in North America. *Proc. Ent. Soc. Ontario* (Guelph), 127:115-124. [Canada]

Emmet, A. M.

1996. The identity of *Coleophora bernoulliella* (Goeze, 1783) and *C. kuehneli* (Goeze, 1783) (Lepidoptera: Coleophoridae). *Ent. Gaz.* (Wallingford), 47:89-91. [Europe]

Feehan, J.

1996. *Coleophora pyrrhulipennella* Zeller, 1839 (Lepidoptera: Coleophoridae): a life history study. *Ent. Gaz.* (Wallingford), 47:169-177. [Ireland]

Karsholt, O.

1996. *Coleophora zukowskii* Toll, 1959 rediscovered in Denmark, with description of its hitherto unknown female (Lepidoptera, Coleophoridae). *Ent. Meddr.* (Copenhagen), 64:311-315.

Smith, M. H.

1996. *Coleophora therinella* (Tengst.) (Lep.: Coleophoridae) and *Monochroa hornigi* (Stgdr.) (Lep.: Gelechiidae), new to Wiltshire. *Ent. Rec. J. Var.* (Surrey), 108:141-142. [England]

COSMOPTERIGIDAE

De Prins, W.

1996. *Cosmopterix scribaiella* (Zeller, 1850), een nieuwe soort voor de Belgische fauna (Lepidoptera: Cosmopterigiade). *Phegea* (Antwerp), 24:125-126. [Belgium]

Pascarella, J. B.

1996. The biology of *Periploca* sp. (Lepidoptera: Cosmopterigidae): a gall maker on *Ardisia escallonioides* (Myrsinaceae). *Fla. Ent.* (Gainesville), 79:606-610. [USA]

COSSIDAE

Cifuentes, J.

1996. Los hepíalidos y cósidos de Navarra (España) (Lepidoptera: Hepialidae, Cossidae). *SHILAP Revta. Lepid.* (Madrid), 24:207-212. [Spain]

DIOPTIDAE

Casher, L. E.

1996. Leaf toughness in *Quercus agrifolia* and its effects on tissue selection by first instars of *Phryganidia californica* (Lepidoptera: Dioptidae) and *Bucculatrix albertiella* (Lepidoptera: Lyonetiidae). *Ann. Ent. Soc. Amer.* (Lanham), 89:109-121. [USA]

ELACHISTIDAE

Kaila, L.

1996. Revision of the Nearctic species of *Elachista* I. The *tetragonella* group (Lepidoptera: Elachistidae). *Ent. Scand.* (Copenhagen), 27:217-238.

Traugott-Olsen, E.

- 1996a. Phylogeny of the subfamily Elachistinae s.str. Part IV: Stephensiini, with some taxonomic revision and descriptions of new taxa (Lepidoptera: Elachistidae). *SHILAP Revta. Lepid.* (Madrid), 24:129-149. [Europe, Russia, USA]

- 1996b. Three new *Elachista* species of the *collitella*-complex from Italy, France, Austria and Spain (Lep.: Elachistidae). *Ent. Rec. J. Var.* (Surrey), 108:123-131, pl. C.

EPERMENIIDAE

Gaedike, R.

- 1996a. Die Acrolepiidae und Epermeniidae der Nepal-Expeditionen der Zoologischen Staatssammlung München sowie eine neue *Epermenia* aus China (Insecta, Lepidoptera). *Spixiana* (Munich), 19:221-227. [Nepal, China]

- 1996b. *Fascicle 48. Epermeniidae*. In *Lepidopterorum Catalogus (new series)*. Gainesville: Assoc. Trop. Lepid. 20pp.

Scholz, A.

1996. Zur Identität von *Epermenia falciformis* (Haworth, 1828) (Lepidoptera: Epermeniidae). *Nota Lepid.* (Munich), 18:289-296 (1995). [Europe]

GELECHIIDAE

Anikin, V. V., and V. I. Piskunov

1996. On the fauna of gelechiid moths (Lepidoptera, Gelechiidae) from the Lower Volga region. Contribution to the knowledge of the Gelechiidae from the European part of Russia. *Actias* (Moscow), 2:3-12. (1995)

Georgiev, G. T.

1996. Bioecological features of *Gelechia senticetella* Stgr., Lepidoptera: Gelechiidae and optimal terms for control in Bulgaria. *Nauk. Gorata* (Sofia), 33:72-77. [in Bulgarian]

Huemer, P.

1996. *Monochroa lucidella immaculatella* ssp. n. aus den Verlandungszonen des Kalterer Sees in Südtirol (Pitalien) (Lepidoptera: Gelechiidae). *Zeit. Arbeitsgem. Österr. Ent.* (Vienna), 48:23-28. [Italy]

Huemer, P., and O. Karsholt

1996. *Megacraspedus bilineatella* n. sp. from Alpi Oroble (Italy) (Lepidoptera). *Boll. Soc. Ent. Ital.* (Genoa), 127:251-256. (1995)

Huemer, P., O. Karsholt, and W. Sauter

1996. The genus *Epiparasia* Rebel, 1914 in Spain (Lepidoptera: Gelechiidae). *SHILAP Revta. Lepid.* (Madrid), 24:341-345.

Kocourek, F., J. Berankova, and I. Hrdy

1996. Flight patterns of the peach twig borer, *Anarsia lineatella* Zell. (Lep., Gelechiidae) in central Europe as observed using pheromone traps. *Anz. Schädlingkunde Pflanzenschutz Umweltschutz* (Berlin), 69:84-87. [Czech Rep.]

Langmaid, J. R.

1996. *Sitotroga cerealella* (Olivier) (Lepidoptera: Gelechiidae) and *Cryptophlebia leucotreta* (Meyrick) (Lepidoptera: Tortricidae) at m.v. light in Hampshire. *Ent. Gaz.* (Wallingford), 47:50. [England]

- Li, H., and Z. Zheng
1996. A systematic study on the genus *Dichomeris* Hübner, 1818 from China (Lepidoptera: Gelechiidae). *SHILAP Revta. Lepid.* (Madrid), 24:229-273.
- Loeffler, C. C.
1996a. Host plant and habitat effects on behavior, survival, and growth of early instar *Dichomeris leuconotella* (Lepidoptera: Gelechiidae), leaf-folders on goldenrods. *J. Res. Lepid.* (Beverly Hills), 32:53-74 (1993). [USA]
1996b. Adaptive trade-offs of leaf folding in *Dichomeris* caterpillars on goldenrods. *Ecol. Ent.* (London), 21:34-40. [USA]
1996c. Caterpillar leaf folding as a defense against predation and dislodgement staged encounters using *Dichomeris* (Gelechiidae) larvae on goldenrods. *J. Lepid. Soc.* (Los Angeles), 50:245-260. [USA]
- Murase, M.
1996. The larva of *Evippe syriactis* (Meyrick) (Gelechiidae). *Yugato* (Niigata), 146:92. [Japan] [in Japanese]
- Nel, J., and T. Varenne
1996. *Psoricoptera speciosella* Teich, 1892, espèce nouvelle pour la faune de France (Lep., Gelechiidae). *Bull. Soc. Ent. Fr.* (Paris), 101:144.
- Park, K. T., and M. G. Ponomarenko
1996. The genus *Anarsia* Zeller (Lepidoptera, Gelechiidae) from Siberia and Far East. *Acta Zool. Acad. Sci. Hung.* (Budapest), 42:73-79. [Russia]
- Ponomarenko, M. G.
1996. Review of the genus *Capidentalia* Park (Lepidoptera: Gelechiidae, Dichomeriinae) with the description of two new species. *Actias* (Moscow), 2:45-51. (1995) [Eurasia]
- Ponomarenko, M. G., and K. T. Park
1996. Description of three new species of *Dichomeris* Hübner (Lepidoptera, Gelechiidae) from Korea and Russian Far East. *Korean J. Appl. Ent.* (Suwon), 35:114-118.
- Sakamaki, Y.
1996a. A revision of the Japanese species of the genus *Monochroa* (Lepidoptera, Gelechiidae). *Trans. Lepid. Soc. Japan* (Osaka), 47:243-265.
1996b. Notes on Japanese species of the genus *Monochroa* with descriptions of two new species (Lepidoptera, Gelechiidae). *Japan. J. Ent.* (Tokyo), 64:245-254.
- Simpson, A. N. B.
1996. *Caryocolum junctella* (Douglas) (Lep.: Gelechiidae) in Worcestershire (VC37) in 1994. *Ent. Rec. J. Var.* (Surrey), 108:145-146. [UK]
- Svatos, A., A. B. Attygalle, G. N. Jham, R. T. S. Frighetto, E. F. Vilela, D. Saman, and J. Meinwald
1996. Sex pheromone of tomato pest *Scrobipalpus absoluta* (Lepidoptera: Gelechiidae). *J. Chem. Ecol.* (New York), 22:787-800. [USA]
- GEOMETRIDAE**
- Allen, A. A.
1996. *Campaea margaritata* (L.) ab. *rubrociliata* Schawerda (Lep.: Geometridae) in south-east London. *Ent. Rec. J. Var.* (Surrey), 108:167-168.
- Antonova, E. M., and L. V. Bolshakov
1996. Geometrid moths (Lepidoptera) of Tula region. *Actias* (Moscow), 2:13-32. (1995) [Russia] [in Russian]
- Aston, A.
1996. *Rhodomera sacaria* (Linn.) (Lep.: Geometridae) - flight time. *Ent. Rec. J. Var.* (Surrey), 108:10. [England]
- Bérard, R.
1996. *Ekboarmia fascinataria* (Staudinger, 1859), espèce nouvelle pour la faune de France (Lepidoptera Geometridae Ennominae). *Alexanor* (Paris), 19:171.
- Brusseaux, G.
1996. Septième contribution à la connaissance des lépidoptères de Corse. Six nouvelles espèces inédites pour l'île (Lép. Geometridae, Sterrhinae et Larentiinae). *Alexanor* (Paris), 19:165-166. [Corsica, France]
- Colomb, C., and C. Tautel
1996. Présence d'*Epirrhoe pupillata* (Thunberg, 1788) dans le Massif Central (Lepidoptera Geometridae). *Alexanor* (Paris), 19:377-378. [France]
- Duquef, M.
1996. *Trichopteryx polycommata* D. & S. dans la Somme et l'Oise (Lép. Geometridae Larentiinae). *Alexanor* (Paris), 19:292. [France]
- Fazekas, I.
1996. Revision der *Nychiodes waltheri* F. Wagner 1919 Art. 1. Beitrag. Die Balkanhalbinsel (Lepidoptera: Geometridae). *Ent. Rom.* (Cluj), 1:3-16. [Balkans]
- Ferguson, D. C., and M. J. Mello
1996. The introduction and spread of *Chloroclystis rectangulata* (L.) (Geometridae), and its first reported occurrences in the United States. *J. Lepid. Soc.* (Los Angeles), 50:145-148.
- Ford, T. H.
1996. A sex-linked recessive character for melanism in the moth *Ecliptopera silaceata* (D. & S.) (Lepidoptera: Geometridae). *Ent. Rec. J. Var.* (Surrey), 108:199-201. [UK]
- Grant, B. S., D. F. Owen, and C. A. Clarke
1996. Parallel rise and fall of melanic peppered moths in America and Britain. *J. Heredity* (Cary), 87:351-357.
- Hausmann, A.
1996a. The morphology of the geometrid moths of the Levant and neighbouring countries. Part I: Orthostixinae and Geometrinae. *Nota Lepid.* (Munich), 19:3-90. [Middle East]
1996b. Systematic list of the geometrid moths of the Levant and neighbouring countries. Part I: Orthostixinae and Geometrinae. *Nota Lepid.* (Munich), 19:91-106. [Middle East]
1996c. Two new geometrid species from the Middle East (Insecta, Lepidoptera, Geometridae). *Spixiana* (Munich), Suppl. 22:3-10. [in German]
1996d. A new species of the genus *Hemidromodes* Prout, 1916 from Tanzania (Insecta, Lepidoptera, Geometridae). *Spixiana* (Munich), Suppl. 22:11-14. [in German]
- Henwood, B. P.
1996. A wild first-brood larva of *Eupithecia virgaureata* Doubleday (Lepidoptera: Geometridae). *Ent. Gaz.* (Wallingford), 47:252. [England]
- Herbulot, C.
1996. Un nouveau *Scotopteryx* de Sibérie orientale (Lepidoptera Geometridae). *Bull. Soc. Ent. Mulhouse*, 1996:24. [Russia]
- Hogstad, O.
1996. Morphological changes of *Epirrita autumnata* Bkh. and *Opherophtera brumata* (L.) (Lep., Geometridae) during a mass outbreak in a subalpine birch forest in central Norway. *Fauna Norv.* (Trondheim), (B) 43:47-57.
- Inoue, H.
1996. Four new species of the genus *Eupithecia* (Geometridae, Larentiinae) from Kashmir and Pakistan. *Trans. Lepid. Soc. Japan* (Osaka), 47:237-242.
- Karisch, T.
1996. Nachweis von *Alcis bastelbergeri* (Hirschke, 1908) in Osterzgebirge (Lep., Geometridae). *Ent. Nachr. Ber.* (Dresden), 40:63. [Germany]
- Kim, S.-S., and Y.-H. Shin
1996. Review of winter geometrid moths in Korea (Lepidoptera: Geometridae). *Korean J. Ent.* (Seoul), 26:313-333.
- King, G. E.
1996a. Some brief comments on the presence of brown dots in the terminal fascia of *Cyclophora punctaria* (Linn., 1758) (Lep.: Geometridae). *Ent. Rec. J. Var.* (Surrey), 108:47. [Spain]
1996b. *Idaea seriata* Schrank, 1802 (Lep.: Geometridae): a second or possible third brood in 1995. *Ent. Rec. J. Var.* (Surrey), 108:215-216.
- Krogerus, H.
1996. *Chloroclystis v-ata relicta* ssp. n. (Lepidoptera, Geometridae), a new taxon from SW Finland, doomed to go extinct? *Ent. Fenn.* (Helsinki), 7:63-66.
- Kusunori, Y., and N. Yasuda
1996. *Anarta carbonaria* (Christoph) (Noctuidae) and *Xanthorhoe sajanaria* (Prout) (Geometridae) found from the Hidaka Range, Hokkaido. *Japan. Heteroc. J.* (Tokyo), 189:231-232. [in Japanese] [Japan]
- Langmaid, J. R.
1996. The Channel Islands pug (*Eupithecia ultimaria* Boisduval) (Lepidoptera: Geometridae) resident in England. *Ent. Gaz.* (Wallingford), 47:239-240.
- Larsen, K.
[1996]. *Timandra griseata* Petersen, 1902 new for the Danish fauna (Lepidoptera, Geometridae). *Ent. Medd.* (Copenhagen), 63:53-55 (1995). [in Danish]
- Murase, M.
1996. Larvae of a larentiine and an ennomine species (Geometridae) associated with *Juniperus*. *Japan Heteroc. J.* (Tokyo), 190:246. [Japan]
- Neumayr, L., A. Segerer, and K. Schmalzbauer
1996. Funde von selteneren Geometridae (Lepidoptera) aus Regensburg und Umgebung. *Galathea* (Nuremberg), 12:9-14, 93-112. [Germany]

- Orhant, G.**
1996. Répartition de *Scopula tessellaria* (Boisduval, 1840) en France et chez nos voisins (Lepidoptera: Geometridae). *Linn. Belg.* (Vilvoorde), 15:329-331.
- Owen, D. F.**
1996. The rise and fall of melanic peppered moths *Biston betularia* L. (Lep.: Geometridae). *Ent. Rec. J. Var.* (Surrey), 108:23. [England]
- Patočka, J.**
1996. The pupae of the central and western European Geometridae of the tribe Chesiadini (Lepidoptera: Geometridae, Larentiinae). *Ent. Ber.* (Amsterdam), 56:149-156. [in German]
- Peterson, N. A., and A. C. Nilssen**
1996. Nonlinear temperature-dependent development of autumnal moth pupae, *Epirrita autumnata* (Lepidoptera: Geometridae). *Environ. Ent.* (Lanham), 25:147-154. [Norway]
- Riemis, A.**
1996. Geometridae of Turkey 5. Data on 38 new Turkish Geometridae species (Lepidoptera). *Phegea* (Antwerp), 24:83-87.
- Ruohomäki, K., P. Kaitaniemi, M. Kozlov, T. Tammaru, and E. Haukioja**
1996. Density and performance of *Epirrita autumnata* (Lepidoptera: Geometridae) along three air pollution gradients in northern Europe. *J. Appl. Ecol.* (Oxford), 33:773-785. [Finland]
- Ruști, D., and M. Stănescu**
1996. *Conchia mundata* Stoll, 1782 (Lepidoptera: Geometridae) at the first mention in the Romanian fauna. *Trav. Mus. Hist. Nat. "G. Antipa"* (Bucharest), 35:347-353. (1995)
- Scheuringer, E.**
1996. *Theria primaria* (Haworth, 1809) eine neue Geometride für die Fauna Südbayerns (Lepidoptera, Geometridae). *NachrBl. Bayer. Ent.* (Munich), 45:26-28. [Germany]
- Shin, Y.-H., and S.-W. Choi**
1996. New record of *Pennithera djakonovi* (Kurentzo) from Korea (Lepidoptera: Geometridae, Larentiinae). *Korean J. Ent.* (Seoul), 26:381-383.
- Skinner, B.**
1996. The pauper pug versus Fletcher's pug *Eupithecia egenaria* H.-S. (Lep.: Geometridae). *Ent. Rec. J. Var.* (Surrey), 108:284-285. [UK]
- Tammaru, T., P. Kaitaniemi, and K. Ruohomäki**
1996. Realized fecundity in *Epirrita autumnata* (Lepidoptera: Geometridae): Relation to body size and consequences to population dynamics. *Oikos* (Copenhagen), 77:407-416. [Finland]
- Tammaru, T., K. Ruohomäki, and K. Saikkonen**
1996. Components of male fitness in relation to body size in *Epirrita autumnata* (Lepidoptera, Geometridae). *Ecol. Ent.* (London), 21:185-192. [Finland]
- Tammaru, T., T. Virtanen, K. Ruohomäki, and L. Kaila**
1996. *Eupithecia veratraria* Herrich-Schäffer, 1850 new to Scandinavia, with the redescription of *E. veratraria* ssp. *arctica* Viidalepp, 1974 (Lepidoptera, Geometridae). *Nota Lepid.* (Munich), 18:297-303 (1995).
- Tautel, C.**
1996. L'Alsace, patrie de la première capture française d'*Eupithecia conterminata* (Lienig & Zeller, 1846) (Lepidoptera Geometridae). *Alexanor* (Paris), 19:365-366. [France]
- Tomisawa, A.**
1996. *Perizoma japonicum* Inoue (Geometridae) from unusually lower slope of Mt. Kaga Hakusan. *Japan Heteroc. J.* (Tokyo), 191:266. [Japan] [in Japanese]
- Trusch, R., J. Gelbrecht, and H. Wegner**
1996. Verbreitung, Biologie und Ökologie von *Dyscia fagaria* (Thunberg, 1784) in Deutschland mit einem Überblick zum Gesamtareal der Art (Lep., Geometridae, Ennominae). *Ent. Nachr. Ber.* (Dresden), 40:27-40. [Germany]
- Vasilenko, S. V.**
1996. A new geometrid species of the genus *Semiothisa* (Lepidoptera, Geometridae) from south Turkmenistan. *Zool. Zhurn.* (Moscow), 75: 1592-1595. [in Russian]
- West, B. K.**
1996a. *Argiopis aurantiaria* (Hb.) (Lep.: Geometridae): two melanistic forms in the London area. *Ent. Rec. J. Var.* (Surrey), 108:73-74. [England]
1996b. *Lomaspilus marginata* (L.) (Lep.: Geometridae) in November. *Ent. Rec. J. Var.* (Surrey), 108:91. [England]
1996c. An analysis of the forms of *Chloroclysta truncata* Hufn. (Lep.: Geometridae) at Dartford, Kent. *Ent. Rec. J. Var.* (Surrey), 108:101-105, pl. A. [England]
1996d. *Selidosema brunnearia* Vill. (Lep.: Geometridae): dimorphism in western Ireland and description of a new form. *Ent. Rec. J. Var.* (Surrey), 108:105-106, pl. A. [England]
- GRACILLARIIDAE**
Baran, T.
1996. *Aristaea pavoniella* (Zeller) (Lepidoptera: Gracillariidae) in Poland. *Polsk. Pismo Ent.* (Wrocław), 65:257-258.
- Buvat, R.**
1996. *Phyllonorycter neli* n. sp. (Lepidoptera Gracillariidae Lithocolletinae). *Alexanor* (Paris), 19:167-170. [France]
- Faeth, S. H., and K. E. Hammon**
1996. Fungal endophytes and phytochemistry of oak foliage: determinants of oviposition preference of leafminers. *Oecologia* (Berlin), 108:728-736. [Cameraria] [USA]
- Groenen, F.**
1996. *Wisteria floribunda*: a new food plant for *Phyllonorycter maestingella* (Lepidoptera: Gracillariidae). *Ent. Ber.* (Amsterdam), 56:60. [Netherlands] [in Dutch]
- Kraus, M.**
1996. Erste Nachweise der eingeschleppten Kastanien-Miniermotte *Cameraria ohridella* Deschka et Dimic (Lep., Gracillariidae) in Mittelfranken, Bayern. *Galathea* (Nuremberg), 12:82-84. [Germany]
- O'Keefe, D.**
1996. The summer brood (f. *ornatella*) of *Caloptilia falconipennella* Hb. (Lep.: Gracillariidae) in Britain. *Ent. Rec. J. Var.* (Surrey), 108:196-197. [UK]
- Reitschel, G.**
1996. On the occurrence of *Phyllonorycter robiniella* (Clemens, 1859) (Lepidoptera, Gracillariidae), a leaf miner of the black locust, in southern Germany. *Philippia* (Kassel), 7:315-318. [in German]
- Robbins, J.**
1996. *Phyllonorycter strigulatella* (Zeller) (Lep.: Gracillariidae) mining *Alnus glutinosa* and extending range in Warwickshire. *Ent. Rec. J. Var.* (Surrey), 108:305. [UK]
- Simpson, A. N. B.**
1996. The history of *Phyllonorycter sagittella* (Bjerkander, 1790) (Lep.: Gracillariidae) in Worcestershire. *Ent. Rec. J. Var.* (Surrey), 108:194-195. [UK]
- HELIOZELIDAE**
Alma, A.
[1996]. Ricerche bio-etologiche ed epidemiologiche su *Holocacista rivillei* Stainton (Lepidoptera Heliozelidae). *Redia* (Florence), 88:373-378. (1995) [Italy]
- HEPIALIDAE**
Cifuentes, J.
1996. Los hepialidos y cósidos de Navarra (España) (Lepidoptera: Hepialidae, Cossidae). *SHILAP Revta. Lepid.* (Madrid), 24:207-212. [Spain]
- Tshistjakov, Y. A.**
1996. Taxonomic study of the Far Eastern hepialid moths. Record 2. Description of *Endoclyta excrescens pallescens* subsp. n. (Lepidoptera, Hepialidae) from southern Primorye. *Japan Heteroc. J.* (Tokyo), 190:247-248. [Russia]
- Ueda, K.**
1996. A new species of *Thitarodes* Viette (Lepidoptera, Hepialidae) from Japan. *Bull. Kitakyushu Mus. Nat. Hist.* (Kitakyushu), 15:35-41. [in Japanese]
- Yang, D., C. Li, S. Chang, and Y.-X. Yang**
1996. Studies on the Chinese species of the genus *Hepialus* and their geographical distribution. *Acta Ent. Sinica*. (Beijing), 39:413-422. [China] [in Chinese]
- HESPERIIDAE**
Brockmann, E., R. Thust, and P. M. Kristal
1996. Zur Biologie von *Pyrgus warrenensis* (Verity 1928) (Lepidoptera: Hesperidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 17:183-189. [Austria]

- Devyatkin, A. L.**
1996. Taxonomic notes on the genus *Erynnis* Schrank, 1801 (Lepidoptera, Hesperidae). *Atalanta* (Munich), 27:605-614, pl. 11. [Russia]
- Hill, J. K., C. D. Thomas, and O. T. Lewis**
1996. Effects of habitat patch size and isolation on dispersal by *Hesperia comma* butterflies: implications for metapopulation structure. *J. Anim. Ecol.* (Oxford), 65:725-735. [UK]
- Shuey, J. A.**
1996. Another new *Euphyes* from the southern United States coastal plain (Hesperidae). *J. Lepid. Soc.* (Los Angeles), 50:46-53.
- Tennent, W. J.**
1996. On the distribution of *Carcarodus tripolina* Verity, 1925, in north-west Africa (Lepidoptera: Hesperidae). *Ent. Gaz.* (Wallingford), 47:9-11. [Algeria, Morocco, Tunisia]
- HETEROCERA**
- Agassiz, D. J. L., R. J. Heckford, and J. R. Langmaid**
1996. Microlepidoptera review of 1994. *Ent. Rec. J. Var.* (Surrey), 108:177-193. [UK]
- Arenberger, E., and J. Wimmer**
1996. Erster Nachtrag zur Mikrolepidopterenfauna Zyperns. *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 17:209-224. [Cyprus]
- Beaumont, H. E.**
1996. *Hypsopygia costalis* (Fabr.) (Lep.: Pyralidae) and *Piercea vectisana* (H. & W.) (Lep.: Tortricidae) recorded in south-west Scotland. *Ent. Rec. J. Var.* (Surrey), 108:202. [UK]
- Beshkov, S., K. Misja, and S. Abadjiev**
1996. A contribution to the knowledge of the Lepidoptera fauna of Albania. 3. Some results of the collecting in April 1994 and some materials from the collection of the Natural History Museum of Tirana (Lepidoptera, Macrolepidoptera, Heterocera). *Atalanta* (Munich), 27:623-648.
- Blöchliger, H.**
1996. Wanderflüge am Bernina (Puschlan, Schweiz) (Insecta, Lepidoptera). *Atalanta* (Munich), 27:121-126. [Switzerland]
- Bond, K. G. M.**
1996. Previously unpublished records of Microlepidoptera to be added to the Irish list. *Irish Nat. J.* (Belfast), 25:194-207. [Ireland]
- Broszkus, W.**
1996. Verzeichnis der in den Jahren 1992-1994 beobachteten Grossschmetterlinge im Hunsrück-Nahe-Gebiet. Nachtrag und Ergänzung zu Föhrst & Broszkus: Beiträge zur Kenntnis der Schmetterlingsfauna (Insecta: Lepidoptera) des Hunsrück-Nahe-Gebiet (BRD, Rheinland-Pfalz). II. Teil: Spinner, Schwärmer etc. *Melanargia* (Leverkusen), 8:15-35. [Germany]
- Buhl, O., P. Falck, B. Jørgensen, O. Karsholt, K. Larsen, and F. Vilhelmsen**
1996. Fund af småsommerfugle fra Danmark I 1995 (Lepidoptera). *Ent. Meddr.* (Copenhagen), 64:277-287. [Denmark]
- Burrow, R.**
1996. Some notable additions to the macrolepidoptera of Jersey. *Ent. Rec. J. Var.* (Surrey), 108:133-136, pl. D. [England]
- Byun, B. K., G. J. Weon, and B. Y. Lee**
1996. List of species in Insect Collection of Forestry Research Institute, 2. Microlepidoptera (Lepidoptera). *FRI J. For. Sci.* (Seoul), 53:46-64. [Korea] [in Korean]
- Christmas, S. E.**
1996. Additional broods of common Lepidoptera at a greater Manchester site in autumn 1995. *Ent. Gaz.* (Wallingford), 47:184. [England]
- Cifuentes, J.**
1996. Los Bombycoidea de Navarra (España) (I): Familias Lasiocampidae, Saturniidae y Endromidae (Insecta: Lepidoptera). *SHILAP Revta. Lepid.* (Madrid), 24:347-358. [Spain]
- Cifuentes, J., and A. Vives-Moreno**
1996. Nuevos datos de microlepidópteros de Navarra (España). Superfamilias Yponomeutoidea, Gelechioidea, Tortricoidea y Pyraloidea (Insecta: Lepidoptera). *SHILAP Revta. Lepid.* (Madrid), 24:117-127. [Spain]
- Drbal, K., and R. Jirovec**
1996. Accumulation of heavy metals in selected moth species (Lepidoptera). *Sb. Jihoc. Univ. Zemed. Fak. Ceske Budejovice Fytotech. Rada*, 13:15-22. [Czech Rep.]
- Durante, M.-A., S. Panzera, and G. Marzano**
1996. Interessanti reperti nel Salento (Italia meridionale) (Lepidoptera, Heterocera). *Lambill.* (Tervuren), 96:219-221. [Italy]
- Eda, K., K. Suzuki, H. Kobayashi, and N. Iizuka**
1996. Moths collected at the alpine zone of Mt. Senmai-dake, Shizuoka. *Yugato* (Niigata), 146:93-96. [Japan] [in Japanese]
- Faquaet, M.**
1996. De Aosta-vallei: een paradijs voor lepidopterologen, addendum 10 (Lepidoptera). *Phegea* (Antwerp), 24:187-188. [Belgium]
- Fischbacher, M.**
1996. Relation between head capsule width and fresh weight in some caterpillar species (Lepidoptera: Geometridae, Tortricidae). *Ent. Generalis* (Stuttgart), 20:299-303. [Switzerland]
- Gerstberger, M., and R. Gaedike**
1996. Ergänzungen zur Kleinschmetterlingsfauna der Länder Berlin und Brandenburg (Microlepidoptera). *Ent. Nachr. Ber.* (Dresden), 40:69-73. [Germany]
- Hennings, D., and W. Schmitz**
1996. Zur Heterocerenfauna der Versilia (Toskana), Norditalien (Lepidoptera). *Ent. Zeit.* (Frankfurt), 106:375-381. [Italy]
- Hooper, R. R.**
1996a. Check list of Saskatchewan moths. Part 13: Dart moths. *Blue Jay* (Regina), 54:40-43. [Canada]
1996b. Check list of Saskatchewan moths. Part 14: Flower moths. *Blue Jay* (Regina), 54:44-46. [Canada]
- Johansen, T. J., and S. Kobre**
1996. Outbreaks of three Lepidopteran species in Norway. *Fauna Norv.* (Trondheim), (B) 43:103-104. [Geometridae, Schreckensteiniidae, Yponomeutidae]
- Kinkler, H.**
1996. Bemerkenswerte Falterfunde und Beobachtungen im Arbeitsgebiet der Arbeitsgemeinschaft rheinisch-westfälischer Lepidopterologen e.V. 9. Zusammenstellung. *Melanargia* (Leverkusen), 8:38-44. [Germany]
- Knill-Jones, S. A.**
1996a. Two species of micro-moth new to the Isle of Wight. *Ent. Rec. J. Var.* (Surrey), 108:18. [England; Gelechioidea, Pyralidae]
1996b. Unusual partial second broods of moths taken on the Isle of Wight in 1995. *Ent. Rec. J. Var.* (Surrey), 108:41. [England; Noctuidae, Sphingidae]
- Mano, T.**
1996. Moths collected at a boggy site in the Ueno basin, Mie Prefecture. *Japan Heteroc. J.* (Tokyo), 187:184-188. [Japan] [in Japanese]
- Nakamura, M., K. Kudo, and K. Naito**
1996. A list of moths collected during survey to the boggy area at Imou, Aichi Prefecture. *Japan Heteroc. J.* (Tokyo), 189:223-230. [in Japanese] [Japan]
- Nel, J., and G. Brusseau**
1996. Contribution à l'inventaire faunistique de la Corse (Lepidoptera Gelechioidea). *Alexanor* (Paris), 19:359-361. [France: Corsica]
- Nel, J., G. Brusseau, P. Lequatre, P. Leraut, and R. Mazel**
1996. Quelques Gelechioidea nouveaux pour la France ou peu connus (Lepidoptera Gelechioidea, Coleophoridae, Amphibolidae, Elachistidae, Scythrididae). *Alexanor* (Paris), 19:153-158 (1995).
- Nishimura, K.**
1996. Notes of moth behavior in the snow. *Yadoriga* (Osaka), 167:13-14. [Japan] [in Japanese]
- Ohtsuka, I.**
1996. Unrecorded moths from Kyushu 10. *Japan Heteroc. J.* (Tokyo), 189:233. [in Japanese] [Japan]
- Parenzan, P.**
[1996]. New records of Bombyces and Sphinges. Contribution to the Lepidoptera in southern Italy. XVIII. *Entomologica* (Bari), 29:149-162. (1995) [in Italian]
- Passos de Carvalho, J.**
[1996]. Microlepidoptera of the Madeira and Selvagem Archipelagos (Insecta, Lepidoptera). *Bol. Mus. Municipal Funchal*, Suppl. 4:559-588. (1995)
- Plant, C. W.**
1996. Microlepidoptera of Middlesex. *Ent. Rec. J. Var.* (Surrey), 108:62. [England]
- Pohier, F.**
1996. Vol d'Hétérocères dans un nid de béton: Chatou (Yvelines) (Lepidoptera Heterocera). *Alexanor* (Paris), 19:323-330. [France]
- Popescu-Gorj, A.**
1996. Lepidopterans from the surroundings of the town Sinaia and from Bucegi Mountains (Romania). *Trav. Mus. Hist. Nat. G. Antipa* (Bucharest),

Poynton, D.

1996. New and updated microlepidoptera records for Cheshire (VC58), Shropshire (VC40) and Denbighshire (VC50). *Ent. Rec. J. Var. (Surrey)*, 108:25-26. [England]

Puplesis, R., A. Diskus, R. Noerika, and N. Saparmamedova

1996. Revised check-list of mining Lepidoptera (Nepticuloidea, Tischerioidea and Gracillarioidea) from Central Asia. *Tijds. Ent. (Amsterdam)*, 139:191-200.

Rennwald, R.

1996. Noctuidae, Geometridae und Microlepidoptera 1994. *Atalanta (Munich)*, 27:41-84. [Europe]

Riemis, A.

1996. De nachtvliedfauna van de Turnhoutse Kempen (Lepidoptera). *Phegea (Antwerp)*, 24:93-107. [Belgium]

Sachkov, S. A.

1996. New for Europe species of Microlepidoptera (Lepidoptera: Scythrididae, Elachistidae) from Samara region. *Actias (Moscow)*, 2:77-78. [Russia]

Scholz, A.

1996. Erstnachweise von *Coleophora festivella* Toll, 1952, für die Fauna Europas und *Elachista constitella* Frey, 1859, für die deutsche Fauna (Lepidoptera: Coleophoridae; Elachistidae). *NachrBl. Bayer. Ent. (Munich)*, 45:57-59.

Stan, G., V. Chis, I. Coroiu, and L. Rákósy

1996. Ecological studies on nocturnal Lepidoptera species in Cluj area (Transylvania, Romania) by means of pheromonal and light traps. 2. Evaluations of the number of spermatophores and eggs for the study of reproductive capacity in female Lepidoptera species caught in light traps. *Ent. Rom. (Cluj)*, 1:141-160.

Stan, G., I. Coroiu, and L. Rákósy

1996. Ecological studies on nocturnal Lepidoptera species in Cluj area (Transylvania, Romania) by means of pheromonal and light traps. 1. The characterisation of the region, methods, the systematic list and considerations about abundance of Noctuoidea species caught in light traps during 1986-1990. *Ent. Rom. (Cluj)*, 1:83-140.

Sugi, S. (ed.)

1996. Additions of species and changes in names of Japanese moths since the publication of 'Moths of Japan' by H. Inoue *et al.* (1982). Supplement 2. Tokyo: Japan Heteroc. Soc. 18pp.

Thomas A. W.

1996. Light-trap catches of moths within and above the canopy of a northeastern forest. *J. Lepid. Soc. (Los Angeles)*, 50:21-45. [Canada]

Togashi, I.

1996. Notes on the food-plants of moths occurring in Ishikawa Prefecture IX. *Japan Heteroc. J. (Tokyo)*, 191:260-261. [Japan] [in Japanese]

Vetter, F., and G. Brenner

1996. Nachweise nachtaktiver Grossschmetterlinge (Lepidoptera) aus dem Bereich Nürnberger Reichswald - Buchenbühl. *Galathea (Nuremberg)*, 12:147-151. [Germany]

West, B. K.

- 1996a. New aberrations of British Lepidoptera. *Ent. Rec. J. Var. (Surrey)*, 108:106-107, pl. A. [England]
- 1996b. Exceptionally early spring records in 1995. *Ent. Rec. J. Var. (Surrey)*, 108:121-122. [England]

Woiwod, I., and D. Manning

1996. Two new migrant species for Bedfordshire. *Ent. Rec. J. Var. (Surrey)*, 108:92. [Noctuidae, Pyralidae; England]

Wüst, P.

- 1996a. Migrant Lepidoptera species in the Nestos-Delta, Macedonia, Greece, 1988-1993 (Insecta, Lepidoptera). *Atalanta (Munich)*, 27:165-173.
- 1996b. New and rare species of Heterocera (Lepidoptera) and some notes on their distribution in different habitats in the Nestos-Delta, Macedonia, Greece. *Nota Lepid. (Munich)*, 19:142-151.

Zagulayev, A. K.

1996. New and little known species of moths (Lepidoptera: Psychidae, Tineidae, Pterophoridae, Alucitidae) from the fauna of Russia and neighboring countries. IX. *Ent. Obozr. (Moscow)*, 75:117-131. [in Russian]

Zhang, Z.-T., W. Chrn, Q.-A. Fu, G.-B. Li, and B.-J. Li

1996. Cluster analysis for projection parameters of the wings of 71 selected moths (Lepidoptera: Heteroneura). *Acta Ent. Sinica (Beijing)*, 39:173-179. [China] [in Chinese]

INCURVARIIDAE**Kozlov, M. V.**

1996. Incurvariidae and Prodoxidae (Lepidoptera) from Siberia and the Russian Far East, with descriptions of two new species. *Ent. Fenn. (Helsinki)*, 7:55-62. [Russia]

LASIOCAMPIDAE**Aistleitner, E., and U. Aistleitner**

1996. Der Alpen-ringelspinner *Malacosoma alpinicolum* Staudinger, 1870, in Vorarlberg (Austria occ.) und in Fürstentum Liechtenstein (Lepidoptera, Lasiocampidae). *NachrBl. Bayer. Ent. (Munich)*, 45:1-8.

Costa, J. T.

1996. Larval ontogeny and survivorship of eastern tent caterpillar colonies. *J. Res. Lepid. (Beverly Hills)*, 32:89-98 (1993). [USA]

Fitzgerald, T. D., and C. R. Visscher

1996. Foraging behavior and growth of isolated larvae of a social caterpillar, *Malacosoma americanum*. *Ent. Exper. Appl. (Dordrecht)*, 81:293-299. [USA]

Hyché, L. L.

1996. The eastern tent caterpillar: a guide to recognition and habits in Alabama. *Bull. Alabama Agric. Exp. Sta. Auburn Univ. (Auburn)*, 629:3-12. [USA]

LECITHOCERIDAE**Lvovsky, A. L.**

1996. Composition of the genus *Odites* Wlsm. and its position in the classification of the Gelechioidea (Lepidoptera). *Ent. Obozr. (Moscow)*, 75:650-659. [in Russian]

LEPIDOPTERA**Beshkov, S.**

- 1996a. Migrant Lepidoptera species in Bulgaria, 1995 (Insecta, Lepidoptera). *Atalanta (Munich)*, 27:517-533.
- 1996b. Migrant Lepidoptera species in Albania and Macedonia, 1995 (Insecta, Lepidoptera). *Atalanta (Munich)*, 27:535-543.

Beshkov, S., and S. Abadjiev

1996. Migrant species in Macedonia and Albania, 1994 (Insecta, Lepidoptera). *Atalanta (Munich)*, 27:157-164.

Beshkov, S., and B. Petrov

1996. A catalogue of the Bulgarian Lepidoptera species reported and collected from the caves and galleries in Bulgaria (Insecta, Lepidoptera). *Atalanta (Munich)*, 27:433-448.

Beshkov, S., and D. Vassilev

1996. Migrant Lepidoptera species in Bulgaria, 1994 (Insecta, Lepidoptera). *Atalanta (Munich)*, 27:127-155.

Bogue, R. W.

1996. Early migrant Lepidoptera in west Devon. *Ent. Rec. J. Var. (Surrey)*, 108:232. [UK]

Brown, D. C. G.

1996. Rare migrants during October 1995. *Ent. Rec. J. Var. (Surrey)*, 108:74-76. [England]

Brusseaux, G., and M. Jacquin

1996. Contribution à la connaissance de la faune de l'Île-de-France: inventaire des lépidoptères des coteaux d'Avron (Seine-Saint-Denis) (Lepidoptera Rhopalocera et Heterocera). *Alexanor (Paris)*, 19:299-315. [France]

Buhl, O., P. Falck, B. Jørgensen, O. Karsholt, K. Larsen, and F. Vilhelmsen

- [1996]. Records of Microlepidoptera from Denmark in 1994 (Lepidoptera). *Ent. Medd. (Copenhagen)*, 63:61-74 (1995). [in Danish]

Byun, B. K., and B. Y. Lee

1996. Lepidopterous insect fauna in Kwangnung and Namhae Experimental Forest. *FRI J. For. Sci. (Seoul)*, 53:10-27. [Korea] [in Korean]

De Prins, W.

1996. Enkele nieuwe en interessante soorten Microlepidoptera voor de Belgische fauna (Lepidoptera: Nepticulidae, Yponomeutidae, Coleophoridae, Gelechioidea). *Phegea (Antwerp)*, 24:137-140. [Belgium]

De Vos, R., and A. L. M. Rutten

1996. Migrating Lepidoptera in 1995 (fifty-sixth report). *Ent. Ber. (Amsterdam)*, 56:177-191. [Netherlands] [in Dutch]

Dunk, K. von der, and F. J. Amon

1996. Kommentierte Insektenkiste der Altdorfer Sandgebietes am Ostrand des Nürnberger Reichswaldes. *Galathea (Nuremberg)*, 12:33-44. [Germany]

- Embacher, G.
1996. Wanderfalter und Irrgäste im Bundesland Salzburg (Österreich) (Insecta, Lepidoptera). *Atalanta* (Munich), 27:505-516. [Austria]
- Földner, K.
1996. Macrolepidopteren-Fauna im nördlichen Schleswig-Holstein. *Ent. Zeit.* (Frankfurt), 106:284-293. [Germany]
- García-Villanueva, V., A. Blázquez-Caselles, J. M. Nóvoa-Pérez, and M. A. Nieto-Manzano
1996. Proyecto: Atlas provisional de los lepidóteros de Extremadura (España) en cuadrículas U.T.M. de 10 x 10 Kms (Insecta: Lepidoptera). *SHILAP Revta. Lepid.* (Madrid), 24:29-35. [Spain]
- Goodey, B.
1996. Macrolepidoptera in Essex in 1995. *Essex Naturalist* (London), 1995-96:17-19. [UK]
- Gustafsson, B.
1996. Some Lepidoptera imported to Sweden with bananas. *Ent. Tidskr.* (Stockholm), 117:123-124. [in Swedish]
- Ivanov, V. D.
1996. Wing articulation of Lepidoptera and the status of the Macrolepidoptera. *Ent. Obozr.* (Moscow), 75:516-529. [in Russian]
- Keil, N.
1996. Entomologische Eindrücke von der Insel Korsika (Insecta: Lepidoptera). *Nachr. Ent. Ver. Apollo* (Frankfurt), 17:93-110. [Corsica, France]
- Kozlov, M. V.
1996. Subalpine and alpine assemblages of Lepidoptera in the surroundings of a powerful smelter on the Kola Peninsula, NW Russia. *Nota Lepid.* (Munich), 18:17-37 (1995).
- Kozlov, M. V., A. L. Lvovsky, and K. Mikkola
1996. Abundance of day-flying Lepidoptera along an air pollution gradient in the northern boreal forest zone. *Ent. Fenn.* (Helsinki), 7:137-144. [Finland]
- Kwon, T. S., and B. K. Byun
1996. Insect fauna (Hemiptera, Coleoptera, Lepidoptera) in Odaesan National Park. *Korean J. Envir. Ecol.* (Seoul), 9:99-114. [Korea]
- Lopez-Moncet, A.
1996. Lépidoptères souterrains du midi de la France: ouest de l'Herault. *Lambill.* (Tervuren), 96:263-274. [cave dwellers; France]
- Mérit, X., and V. Mérit
1996. Observations préliminaires à propos des effets d'un enrésinement, en forêt de Fontainebleau, sur la régression de quelques lépidoptères (Lepidoptera Rhopalocera et Arctiidae). *Alexanor* (Paris), 19:316-320. [France]
- Meyer, M.
[1996]. The Lepidoptera of the Macaronesian region. VI. Biogeographical aspects of Macrolepidoptera in northern Macaronesia (Madeira, Azores). *Bol. Mus. Municipal Funchal*, Suppl. 4:441-453. (1995) [Spain]
- Ohlsson, A., and N. Ryrholm
1996. Interesting records of Lepidoptera in the taiga- and tundra regions of Sweden 1995. *Ent. Tidskr.* (Stockholm), 117:63-64. [in Swedish]
- Palmqvist, G.
1996. Remarkable records of Macrolepidoptera in Sweden 1995. *Ent. Tidskr.* (Stockholm), 117:35-48. [in Swedish]
- Phillips, J. W., S. Clancy, R. R. Cook, and D. A. Young
1996. Lepidoptera in the Scottish highlands in August 1995. *Ent. Rec. J. Var.* (Surrey), 108:329-335. [UK]
- Pröse, H.
1996. Die Schmetterlings- und Netzflüglerfauna im Landkreis Hof Lebensräume und ihre Charakterarten. *Galathea* (Nuremberg), 12:15-29. [Germany]
- Rákossy, L.
1996. Contribution for the knowledge of the macrolepidoptera of the Parâng Mountains (south Carpathians, Romania). *Bol. Inform. Soc. Lepid. Rom.* (Cluj), 6:179-188. (1995) [in Romanian]
- Rákossy, L., and L. Székely
1996. Macrolepidopterele din sudul Dobrogei. *Ent. Rom.* (Cluj), 1:17-62. [Romania]
- Skinner, B., and M. Parsons
1996a. The immigration of Lepidoptera to the British Isles in 1991. *Ent. Rec. J. Var.* (Surrey), 108:151-167. [UK]
1996b. The immigration of Lepidoptera to the British Isles in 1992. *Ent. Rec. J. Var.* (Surrey), 108:233-256. [UK]
- Spitzer, K., J. Jaroš, F. Lichtenberger, and H. Malicky
1996. Die Biodiversität der Schmetterlingsfauna des Pürgschachenmoores im steirischen Ennstal und ihr Schutzwert. *Zeit. Arbeitsgem. Österr. Ent.* (Vienna), 48:87-97. [Austria]
- Svensson, I.
1996. Remarkable records of Microlepidoptera in Sweden during 1995. *Ent. Tidskr.* (Stockholm), 117:49-57. [in Swedish]
- Tshikolovets, V. V.
[1996]. A catalogue of the type-specimens of the Lepidoptera (Rhopalocera, Heterocera) in the Schmalhausen Institute of Zoology, National Academy of Sciences of Ukraine, Kiev. In *A Catalogue of the Type-Specimens of the Lepidoptera*, 4:1-91 (1995).
- Vanholder, B.
1996. Migrant Lepidoptera in 1995, twelfth annual report (Lepidoptera). *Phegea* (Antwerp), 24:49-68. [in Flemish] [Belgium]
- Vicente-Orellana, J. A., and E. de Castro
1996. Algunas citas de lepidópteros de Logrosán (Cáceres, España) y Alrededores (Insecta: Lepidoptera). *SHILAP Revta. Lepid.* (Madrid), 24:321-339. [Spain]
- Vives-Moreno, A.
1996. Segunda addenda et corrigenda al "Catálogo sistemático y sinonímico de los lepidópteros de la Península Ibérica y Baleares (Segunda parte)" (Insecta: Lepidoptera). *SHILAP Revta. Lepid.* (Madrid), 24:275-315. [Spain]
- Williams, R. N., M. S. Ellis, and D. S. Fickle
1996. Insects in the Killbuck Marsh Wildlife Area, Ohio: 1994 survey. *Ohio J. Sci.* (Columbus), 96:34-40. [USA]
- LYCAENIDAE**
- Anken, R. H.
1996a. Über den südafrikanischen Lycaeniden *Cacyreus marshalli* Butler, 1898 auf dem europäischen Festland (Rhopalocera, Lepidoptera). *Facetta* (Ingolstadt), 12:13-17. [Spain]
1996b. Über einen neuen Fundort der südafrikanischen Lycaenide *Cacyreus marshalli* Butler (1898) auf dem europäischen Festland nebst Schlussfolgerungen zu den möglichen Ursachen seiner Verbreitung (Rhopalocera, Lycaenidae). *Atalanta* (Munich), 27:323-328. [Spain]
- Anken, R. H., M. H. Pinto-Bivar de Matos e Silva
1996. Further remarks on the occurrence of the southern African butterfly *Cacyreus marshalli* (Butler, 1898) (Lepidoptera: Lycaenidae) on the European mainland. *Ent. Gaz.* (Wallingford), 47:151-155. [Spain]
- Avcı, U., and H. Ozbek
1996. Contribution to the knowledge of the fauna of the family Lycaenidae (Lepidoptera) of Erzurum and some neighbouring provinces. *Turkish J. Zool.* (Ankara), 20 (Suppl.):73-87. [in Turkish]
- Bálint, Z.
1996. *Lycaena dabrerai*, a new copper from the Transaltai Gobi, Mongolia (Lepidoptera: Lycaenidae, Lycaenini). *Linn. Belg.* (Vilvoorde), 15:237-241.
- Barrington, R.
1996. *Polyommatus icarus* Rott. (Lep.: Lycaenidae) on Tean, Isles of Scilly. *Ent. Rec. J. Var.* (Surrey), 108:307-308, pl. H. [UK]
- Boehm, F., and W. Köhler
1996. Ist die Zucht von *Satyrion w-album* (Knoch, 1782) ab ovo möglich? (Lep., Lycaenidae). *Galathea* (Nuremberg), 12:53-55. [Germany]
- Boehm, F., and W. Köstler
1996. Der Kreuzdornzipfelfalter *Satyrion spini* (D. & S. 1775) (Lep., Lycaenidae). Vorkommen und Begleitarten im Elsass, Zuchdaten. *Galathea* (Nuremberg), 12:126-130. [France]
- Bozano, G. C.
1996. *Satyrion giacomazzoi* spec. nov. from Shaanxi, China (Lepidoptera, Lycaenidae, Theclinae). *Atalanta* (Munich), 27:329-332.
- Burghardt, F., and K. Fiedler
1996. Myrmecophilous behaviours in caterpillars of the butterfly, *Polyommatus icarus* (Rottemburg, 1775): temporal patterns and age dependency (Lepidoptera: Lycaenidae). *Nota Lepid.* (Munich), 19:212-229. [Germany]
- Carbonell, F.
1996. Contribution à la connaissance du genre *Agrodiaetus* Hübner (1822). *Agrodiaetus lycius* n. sp. en Turquie méridionale (Lepidoptera: Lycaenidae). *Linn. Belg.* (Vilvoorde), 15:281-285. [Turkey]

- Coutsis, J. G., and N. Ghavalas
1996. Ultra-violet reflection pattern in *Polyommatus andronicus* Coutsis & Ghavalas, 1995 and *Polyommatus icarus* (Rottemburg, 1775) (Lepidoptera: Lycaenidae). *Phegea* (Antwerp), 24:167-169. [Greece]
- Dejean, A., and G. Beugnon
1996. Host-ant trail following by myrmecophilous larvae of Liphyrinae (Lepidoptera, Lycaenidae). *Oecologia* (Berlin), 106:57-62. [Europe]
- De Prins, W., and D. van der Poorten
1996. Additions and corrections to "Die Tagfalter der Türkei". 2. Interesting observations of butterflies in Turkey during the 38th expedition of the "Werkgroep Grieks-Turkse dagvlinders" (Lepidoptera: Lycaenidae). *Phegea* (Antwerp), 24:25-32. [Turkey]
- Elmes, G. W., R. T. Clarke, J. A. Thomas, and M. E. Hochberg
1996. Empirical test of specific predictions made from a spatial model of the population dynamics of *Maculinea rebeli*, a parasitic butterfly of red ant colonies. *Acta Oecol.* (Montrouge), 17:61-80. [UK]
- Elvidge, M.
1996. Long-tailed blue butterfly *Lampides boeticus* (L.) (Lep.: Lycaenidae) in West Sussex during 1995. *Ent. Rec. J. Var.* (Surrey), 108:142. [UK]
- Fiedler, K., and V. Hummel
1996. Myrmecophily in the brown argus butterfly, *Aricia agestis* (Lepidoptera: Lycaenidae): effects of larval age, ant number and persistence of contact with ants. *Zool.* (Jena), 99:128-137. [Germany]
- Fournier, F.
1996. *Thecla betulae* L. dans le Puy-de-Dôme durant l'été 1995 millésime exceptionnel? (Lepidoptera Lycaenidae). *Alexanor* (Paris), 19:361-362. [France]
- Gardiner, B. O. C.
1996. A possible third brood specimen of the holly blue *Celastrina argiolis* (L.) (Lep.: Lycaenidae) in Cambridge. *Ent. Rec. J. Var.* (Surrey), 108:132. [England]
- García-Villanueva, V., J. M. Novoa-Pérez, and A. Blázquez-Caselles
1996. Posición sistemática, distribución geográfica y estatus de *Iolana iolas* (Ochsenheimer, 1816) en las provincias de Badajoz y Sevilla (España) (Lepidoptera: Lycaenidae). *SHILAP Revta. Lepid.* (Madrid), 24:167-173. [Spain]
- Hatanaka, Y.
1996. Life history of *Niphanda fusca* at the foot of Mt. Chokai, Akita Prefecture. *Yadoriga* (Osaka), 165:2-5. [Japan] [in Japanese]
- Hennicke, M.
1996. Entdeckung eines Vorkommens von *Lycaena helle* Schiff. in Mecklenburg-Vorpommern (Lep. Lycaenidae). *Ent. Nachr. Ber.* (Dresden), 40:129-130. [Germany]
- Hermes, C. P., D. G. McCullough, D. L. Miller, L. S. Bauer, and R. A. Haack
1996. Laboratory rearing of *Lycaeides melissa samuelis* (Lepidoptera: Lycaenidae), an endangered butterfly in Michigan. *Gt. Lakes Ent.* (East Lansing), 29:63-75. [USA]
- Hirowatari, T., M. Ishii, and S. Fujiwara
1996. Species diversity of [Lycaenidae] butterfly communities in the coppice of Mt. Mikusa. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 92-98. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue). [Japan]
- Hirukawa, N.
1996. The lycaenid *Shijimiaeoides divina* in the exercise field of the Self-defence Force in Nakago Village, Niigata Prefecture. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 188-193. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue). [Japan]
- Kitahara, H.
1996. Geographical variation of all stages of *Neozephyrus japonicus* (Lycaenidae) in Japan. *Trans. Lepid. Soc. Japan* (Osaka), 47:145-156. [in Japanese]
- Kuna, G.
1996a. Neue Funde des Zahnflügelbläulings *Meleageria daphnis* (Denis & Schiffermüller, 1775) in Thüringen (Lep., Lycaenidae). *Mitt. Thür. Ent.* (Kranichfeld), 3:56-57. [Germany]
1996b. Einige Bemerkungen zu *Eumedonia eumedon* Esper, 1780 in Thüringen. *Mitt. Thür. Ent.* (Kranichfeld), 3:58. [Germany]
- Kusakari, K.
1996. Conservation of *Coreana raphaelis* in Kawanishi Town, Yamagata Prefecture, Japan. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 205-210. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue).
- Lalanne-Cassou, B.
1996. Nouvelle observation de *Cacyreus marshalli* Butler en Espagne (Lepidoptera Lycaenidae). *Alexanor* (Paris), 19:384. [Spain]
- Luy, U.
1996. Die Publikationen über *Cacyreus marshalli* (Butler, 1898) seit seinem Auftauchen in Europa (Lepidoptera, Lycaenidae). *Atalanta* (Munich), 27:591-594. [Europe]
- Marchi, A., G. Addis, V. E. Hermosa, and R. Crnjar
1996. Genetic divergence and evolution of *Polyommatus coridon gennargentii* (Lepidoptera: Lycaenidae) in Sardinia. *Heredity* (Oxford), 77:16-22. [Italy]
- Matsuda, S.
1996a. "Spring" of Florence and "small copper" (*Lycaena phlaeas*). *Yadoriga* (Osaka), 166:37-41. [in Japanese]
1996b. Life history of *Thecla betulae* in Europe. *Yadoriga* (Osaka), 168:30-36. [in Japanese]
1996c. Taxonomic status of *Thecla orientalis* var. *cognata* Staudinger (Lepidoptera, Lycaenidae), with some notes on its related species. *Trans. Lepid. Soc. Japan* (Osaka), 47:174-184. [Far East; Japan] [in Japanese]
- Olivier, A.
1996. Critical comment concerning the larval host-plant status of *Chilades trochylus* (Freyer, [1845]) on Ródos (Rhodes): a reply to Dr. Tom Tolman (Lepidoptera: Lycaenidae). *Linn. Belgica* (Vilvoorde), 15:227-228. [Greece]
- Pérez-López, F. J.
1996. Nuevas colonias de *Cupido lorquini* (Herrich-Schäffer, 1847) en el sur de España y comentarios de su estatus (Lepidoptera, Lycaenidae). *Alexanor* (Paris), 19:363-364. [Spain]
- Peterson, M. A.
1996. Long-distance gene flow in the sedentary butterfly, *Euphilotes enoptes* (Lepidoptera: Lycaenidae). *Evol.* (Lawrence), 50:1900-1999. [USA]
- Sanetra, M., and K. Fiedler
1996. Behaviour and morphology of an aphitophagous lycaenid caterpillar: *Cigaritis (Apharitis) acamus* Klug, 1834 (Lepidoptera: Lycaenidae). *Nota Lepid.* (Munich), 18:57-76 (1995). [Cyprus]
- Schurian, K. G.
1996. Beobachtungen zum Eiablageverhalten von *Cigaritis cilissa* (Lederer 1861) (Lepidoptera, Lycaenidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), 17:111-112. [Turkey]
- Smallidge, P. J., D. J. Leopold, and C. M. Allen
1996. Community characteristics and vegetation management of Karner blue butterfly (*Lycaeides melissa samuelis*) habitats on right-of-ways in east-central New York, USA. *J. Appl. Ecol.* (Oxford), 33:1405-1419.
- Smyllie, B.
1996. The brown argus butterfly: hybrids or no hybrids. *Ent. Rec. J. Var.* (Surrey), 108:19-23. [England]
- Stevens, G.
1996. African grass blue *Zizeeria knysna knysna* Trimen (Lep.: Lycaenidae) in Valencia Province, Spain. *Ent. Rec. J. Var.* (Surrey), 108:80.
- Swengel, A. B.
1996. Observations of *Incisalis irus* (Lepidoptera: Lycaenidae) in central Wisconsin 1988-95. *Gt. Lakes Ent.* (East Lansing), 29:47-62. [USA]
- Tennent, J.
1996a. The distribution of the genus *Tarucus* Moore, [1881], in the Maghreb States of Morocco, Algeria and Tunisia, with notes on species identification (Lepidoptera, Lycaenidae). *Nota Lepid.* (Munich), 18:161-177 (1995).
1996b. The hostplants of *Thersamonia phoebus* Blacher, 1905 (Lepidoptera: Lycaenidae) in Morocco. *Linn. Belgica* (Vilvoorde), 15:225-226.
- Wakeham-Dawson, A.
1996. Some observations on large blue *Maculinea* Van Eecke 1915 butterflies (Lep.: Lycaenidae) in the Pyrenees. *Ent. Rec. J. Var.* (Surrey), 108:301-304, pl. H. [Spain]
- Webb, M. R., and A. S. Pullin
1996. History of establishment attempts with the large copper butterfly

- Lycaena dispar* (Haworth) (Lep.: Lycaenidae). *Ent. Rec. J. Var.* (Surrey), 108:321-327. [UK]
- Westenberger, A.**
1996. Eine Zucht von *Zizeeria knysna* (Trimen 1862). *Nachr. Ent. Ver. Apollo* (Frankfurt), 17:113-114. [Canary Is.]
- Worth, R. A., K. A. Schwarz, and T. C. Emmel**
1996. Notes on the biology of *Strymon acis bartrami* and *Anaea troglodyta florldalis* in south Florida (Lepidoptera: Lycaenidae and Nymphalidae). *Holarctic Lepid.* (Gainesville), 3:62-65. [USA]
- Zhdanko, A. B.**
1996. A new genus *Atara* (Lepidoptera, Lycaenidae) from eastern Asia. *Zool. Zhurn.* (Moscow), 75:783-786. [in Russian] [redescription of *Atara* Zhdanko, 1994]
- LYMANTRIIDAE**
Birkett, N. L.
1996. *Euproctis similis* (Fuess.) (Lep.: Lymantriidae) double-brooded. *Ent. Rec. J. Var.* (Surrey), 108:132. [England]
- Emmet, A. M.**
1996. The second brood of *Euproctis similis* (Fuessly) (Lep.: Lymantriidae) in 1995. *Ent. Rec. J. Var.* (Surrey), 108:298. [UK]
- Keena, M. A.**
1996. Comparison of the hatch of *Lymantria dispar* (Lepidoptera: Lymantriidae) eggs from Russia and the United States after exposure to different temperatures and durations of low temperature. *Ann. Ent. Soc. Amer.* (Lanham), 89:564-572.
- King, G. E.**
1996. More comments on the foodplants of *Euproctis chrysorrhoea* L. (Lep.: Lymantriidae). *Ent. Rec. J. Var.* (Surrey), 108:142. [UK]
- Koshio, C.**
1996. Pre-ovipositional behaviour of the female gypsy moth, *Lymantria dispar* L. (Lepidoptera, Lymantriidae). *Appl. Ent. Zool.* (Tokyo), 31:1-10. [Japan]
- Kunkel, J. G., and B. R. Bettencourt**
1996. Morphological and genetic variation amongst *Lymantria dispar* population. *Amer. Zool.* (Washington), 36:111A. [USA]
- Lentz, A. J., and J. R. Miller**
1996. Effect of male accessory gland extracts on induction of oviposition in the gypsy moth, *Lymantria dispar* (Lymantriidae). *J. Lepid. Soc.* (Los Angeles), 50:226-236. [USA]
- Lyon, B. E., and R. V. Cartar**
1996. Functional significance of the cocoon in two arctic *Gynaephora* moth species. *Proc. Roy. Soc. London*, (B. Biol. Sci.) 263:1159-1163. [Canada]
- Sharov, A. A., A. M. Liebhold, and E. A. Roberts**
1996. Spread of gypsy moth (Lepidoptera: Lymantriidae) in the central Appalachians: comparison of population boundaries obtained from male moth capture, egg mass counts, and defoliation records. *Environ. Ent.* (Lanham), 25:783-792. [USA]
- Wakamura, S., T. Yasuda, and F. Mochizuki**
1996. Mating behavior of the tea tussock moth, *Euproctis pseudoconspersa* (Strand) (Lepidoptera: Lymantriidae). *J. Appl. Ent. Zool.* (Tokyo), 31:619-621. [Japan]
- LYONETIIDAE**
Maier, C. T.
1996. Seasonal density and impact of mining of *Lyonetia prunifoliella* (Lepidoptera: Lyonetiidae) on semidwarf apple trees in Connecticut. *J. Ent. Sci.* (Tifton, Ga), 31:440-452. [USA]
- Schmitt, J. J., M. W. Brown, and D. R. Davis**
1996. Taxonomy, morphology, and biology of *Lyonetia prunifoliella* (Lepidoptera: Lyonetiidae), a leafminer of apple. *Ann. Ent. Soc. Amer.* (Lanham), 89:334-345. [USA]
- MOMPHIDAE**
Koster, J. C., and S. Yu. Sinev
1996. A revision of the *divisella* group of the genus *Mompha*, with the description of *Mompha confusella* spec. Nov. (Lepidoptera: Momphidae). *Ent. Ber.* (Amsterdam), 56:137-142.
- NEPTICULIDAE**
Dickerson, B.
1996. Further records of *Ectoedemia amani* Svensson (Lep.: Nepticulidae) in Waresley Wood, Huntingdonshire, VC31. *Ent. Rec. J. Var.* (Surrey), 108:95. [England]
- Kobayashi, Y.**
1996. Gross embryology of a monotrysian heteroneuran moth, *Stigmella castanopsiella* Kuroko (Nepticulidae, Lepidoptera) and its phylogenetic significance. *Trans. Lepid. Soc. Japan* (Osaka), 47:194-200. [Japan]
- Maciesiak, A.**
1996. Leaf miner (*Stigmella malella* Stt.) fecundity and development. *J. Fruit Ornamental Plant Res.* (Warsaw), 4:85-94. [Poland]
- Maciesiak, A., J. Dadej, and B. Wojtas-Koziel.**
1996. Leaf miner (*Stigmella malella* Stt.) dynamics of moth flight and descent of larvae to pupate. *J. Fruit Ornamental Plant Res.* (Warsaw), 4:73-83. [Poland]
- Michalska, Z.**
1996. Nepticulidae (Lepidoptera) of Roztocze Srodkowe. *Frag. Faun.* (Warsaw), 39:61-69. [Poland] [in Polish]
- Nieukerken, E. J. van, J. Junnilainen, N. Savenkov, and I. Sulcs**
1996. *Trifurcula silviae* van Nieukerken: biology and new records. *Tijds. Ent.* (Amsterdam), 139:175-179. [France, Italy, Latvia, Spain]
- Puplesis, R., and A. Diškus**
1996a. First record of the genus *Etainia* Beirne from Central Asia with descriptions of two new species and some provisional notes on the world fauna (Lepidoptera: Nepticulidae). *Phegea* (Antwerp), 24:41-48. [Russia, Turkmenia]
- 1996b. A review of the *Stigmella sorbi* species-group with descriptions of two new species from Turkmenistan and Tadzhikistan (Lepidoptera: Nepticulidae). *Phegea* (Antwerp), 24:171-182.
- 1996c. Five new mining Lepidoptera (Nepticulidae, Bucculatricidae) from Central Asia. *Tijds. Ent.* (Amsterdam), 139:181-190.
- NOCTUIDAE**
Ahn, S.-B., and V. S. Kononenko
1996. Review of the genus *Sineugraphe*, with a newly recorded species, *S. stolidoprocta* Boursin (Lepidoptera, Noctuidae) from Korea. *Ins. Koreana* (Chuncheon), 13:27-38.
- Ahn, S.-B., V. S. Kononenko, and K.-J. Weon**
1996. Newly recorded and rarely known species of Noctuidae (Lepidoptera) from the Korean Peninsula. *Korean J. Appl. Ent.* (Suwon), 35:287-296.
- Ahola, M., and N. Ryrholm**
1996. The larva of *Autographa buraetica* (Lepidoptera, Noctuidae). *Ent. Fenn.* (Helsinki), 7:87-93.
- Amon, F. J.**
1996. *Actinotia hyperici* Schiff. (Lep., Noctuidae) Erstnachweise für Mittelfranken bzw. fränkisches Keuper-Lias-Land (Naturräumliche Gliederung Bayerns). *Galathea* (Nuremberg), 12:63-64. [Germany]
- Beck, H.**
1996. Systematic list of European Noctuidae (Lepidoptera, Noctuidae). *Neue Ent. Nachr.* (Markt-leuthen), 36:3-122. [in German]
- Beshkov, S.**
1996a. *Yigoga flavina flavina* (Herrich-Schäffer, 1852) = *Yigoga flavina pretiosa* (Caradja, 1931) syn. n., stat. rev. (Lepidoptera: Noctuidae: Noctuinae). *Phegea* (Antwerp), 24:69-80. [Bulgaria, Turkey]
- 1996b. Description of the larva of *Lithophane lapidea* (Hübner, [1808]) (Lepidoptera: Noctuidae: Ipimorphinae). *Esperiana* (Schwanfeld), 4:95-96, pl. C. [Bulgaria]
- Beshkov, S., and Z. Kolev**
1996. A new *Chersotis* Boisduval, 1840 species for the Bulgarian fauna and a second record of its closely related species from Bulgaria with a review of their nomenclature (Lepidoptera: Noctuidae: Noctuinae). *Esperiana* (Schwanfeld), 4:98-101.
- Bischof, A., and J. Bittermann**
1996. *Agrochola kindermanni sicula* ssp. n. aus Sizilien (Madonie). *Esperiana* (Schwanfeld), 4:482-484, pl. Y. [Italy: Sicily]
- Burrow, R.**
1996. *Dryobota labecula* (Esper) the oak rustic (Lep.: Noctuidae): new breeding species to the British list from the Channel Islands. *Ent. Rec. J. Var.* (Surrey), 108:136-137. [England]

- Corbitt, T. S., G. Bryning, S. Olieff, and J. P. Edwards**
1996. Reproductive, developmental and nutritional biology of the tomato moth, *Lacanobia oleracea* (Lepidoptera: Noctuidae) reared on artificial diet. *Bull. Ent. Res.* (London), 86:647-657. [UK]
- Costen, P. D. M.**
1996. First record of the latin *Calloplistria juvenina* Stoll (Lep.: Noctuidae) in Guernsey. *Ent. Rec. J. Var.* (Surrey), 108:80. [England]
- Creaser, A.**
1996. The orache moth *Trachea atriplicis* (Lep.: Noctuidae): a notable Wirral capture. *Ent. Rec. J. Var.* (Surrey), 108:139. [England]
- Cuvelier, F.**
1996. Note à propos de *Sedina buettneri* Hering dans le Pas-de-Calais (Lepidoptera Noctuidae Caradrinae). *Alexanor* (Paris), 19:383. [France]
- Dennis, R. H. L.**
1996. *Catocala fraxini* (Lep.: Noctuidae) in Northumberland, VC68. *Ent. Rec. J. Var.* (Surrey), 108:16. [England]
- De Vrieze, M.**
1996. Interesantes capturas de Noctuidae. *SHILAP Revta. Lepid.* (Madrid), 24:152. [Spain]
- Dubatolov, V. V., and G. S. Zolotarev**
1996. New taxa of Acronictinae (Lepidoptera, Noctuidae) from the mountains of south Siberia. *Actias* (Moscow), 2:33-36. (1995) [Russia]
- Eda, K.**
1996. *Polydesma boarmoides* Guenée (Noctuidae) from Nagano Prefecture, central Honshu. *Yugato* (Niigata), 146:96. [Japan] [in Japanese]
- Eichler, F., H. Hacker, and W. Speidel**
1996. Weiterer Beitrag zur Kenntnis der Schmetterlingsfauna des Pirin-Gebirges im Südwesten Bulgariens (Lepidoptera) Beitrag I. *Esperiana* (Schwanfeld), 4:263-268. [Bulgaria]
- Felbel, S.**
1996. Erstnachweis von *Sideridis vitellina* Hbn. (Lepidoptera, Noctuidae) für Jena. *Mitt. Thüringer Ent.* (Kranichfeld), 3:8-9. [Germany]
- Fibiger, M.**
1996. A new *Ammoconia* species from Cyprus: *A. aholai* Fibiger, sp. n. (Lepidoptera, Noctuidae). *Esperiana* (Schwanfeld), 4:269-271, pl. P.
- Fibiger, M., H. Hacker, and A. Moberg**
1996. Notes on the *Orthosia rorida* (Frivaldsky, 1835) species group, with the description of a new species from Crete: *Orthosia sellengi* sp. n. (Lepidoptera, Noctuidae, Hadeninae). *Nota Lepid.* (Munich), 18:203-212. [Greece]
- Folkerts, D. R., and G. W. Folkerts**
1996. Aids for field identification of pitcher plant moths of the genus *Exyra* (Lepidoptera: Noctuidae). *Ent. News* (Philadelphia), 107:128-136. [USA]
- Foster, A. P.**
1996. A new locality for *Photeodes captiuncula* (Treitschke) (Lep.: Noctuidae) in Yorkshire. *Ent. Rec. J. Var.* (Surrey), 108:37. [England]
- Freina J. de., and G. Behounek**
1996. Beitrag zur Noctuidenfauna der Wüstenregion Südmarokkos: das Artenspektrum in der gemässigten Jahreszeit November bis April (Lepidoptera: Noctuidae). *Esperiana* (Schwanfeld), 4:11-38, pl. A-B. [Morocco]
- Freytag, K.**
1996. Bemerkungen zu weiteren 18 Cucullinae[sic]-Arten (Schrank, 1802) (Lepidoptera, Noctuidae). *Facetta* (Ingolstadt), 12:27-34, pl. 2-3. [larvae]
- Friedrich, E.**
1996. Neunachweis der Bandeule, *Noctua janthe* Bkh. (Lep., Noctuidae) in Jena/Thüringen. *Ent. Nachr. Ber.* (Dresden), 40:59. [Germany]
- Funakoshi, S., and T. Yamamoto**
1996. Moths, containing several species of *Amphipyra*, eaten by different bats at two sites. *Trans. Lepid. Soc. Japan* (Osaka), 47:201-208. [Japan]
- Hacker, H.**
1996a. Die Noctuidae Griechenlands mit einer Übersicht über die Fauna des Balkanraumes (Lepidoptera, Noctuidae). *Esperiana* (Schwanfeld), 4:245-261, pl. A-Y. [Greece, Balkans]
1996b. Ergänzungen zu "Die Noctuidae Vorderasiens" und neuere Forschungsergebnisse zur Fauna der Türkei II (Lepidoptera). *Esperiana* (Schwanfeld), 4:273-330, pl. G, P, R-S, X. [Turkey]
1996c. Systematik und Faunistik der Noctuidae (Lepidoptera) des himalayatischen Raumes. Beitrag III. *Esperiana* (Schwanfeld), 4:331-335. [Himalayas]
1996d. Nachträge und Ergänzungen zu den ersten beiden Beiträgen. [Systematik und Faunistik der Noctuidae (Lepidoptera) des himalayatischen Raumes]. *Esperiana* (Schwanfeld), 4:435-439, pl. W. [Himalayas, India]
1996e. Beschreibung einer neuen *Agrochola* Hübner, [1821]-Art aus der Südost-Türkei. *Esperiana* (Schwanfeld), 4:455-458, pl. Y. [Turkey]
1996f. Revision der Gattung *Hadena* Schrank, 1802 (Lepidoptera: Noctuidae). *Esperiana* (Schwanfeld), 5:7-696, pl. A-Y. [Holarctic]
- Hacker, H., and P. Kautt**
1996. Das Artenspektrum der Hochgebirgslagen von Uttar Pradesh mit zusätzlichen Angaben zur Fauna von Himachal Pradesh (Lepidoptera: Noctuidae). *Esperiana* (Schwanfeld), 4:381-393, pl. W, X. [Himalayas, India]
- Hacker, H., P. Kautt, and V. Weisz**
1996. Noctuidae gesammelt von Kautt und Weisz im Sommer 1994 in Spiti Valley in Himachal Pradesh. *Esperiana* (Schwanfeld), 4:395-417, pl. U-W, X. [Himalayas, India]
- Hacker, H., and R. Oswald**
1996. Ergänzungen zu "Die Noctuidae Vorderasiens" und neuere Forschungsergebnisse zur Fauna der Türkei II (Lepidoptera). *Esperiana* (Schwanfeld), 4:453-455. [Turkey]
- Hacker, H., and H. Peks**
1996. Die Spätherbstfauna der Himalaya-Gebiete von Himachal-Pradesh und der ariden Gebiete des Wüstenstaates Rajasthan (Lepidoptera, Noctuidae). *Esperiana* (Schwanfeld), 4:361-379, pl. T-W. [Himalayas, India]
- Hacker, H., and L. Ronkay**
1996. Three new genera, seven new species and a general view on the autumnal noctuid fauna of the Himachal Pradesh region of India (Lepidoptera, Noctuidae: Cucullinae sensu Hampson). *Esperiana* (Schwanfeld), 4:337-359, pl. T-U. [Himalayas, India]
- Hacker, H., and W. Schmitz**
1996. Fauna und Biogeographie der Noctuidae des makaronesischen Archipels (Lepidoptera). *Esperiana* (Schwanfeld), 4:167-221, pl. L-O. [Canary Is., Azores]
- Hacker, H., and L. Weigert**
1996. Beitrag zur Faunistik und Zoogeographie der Noctuidae der Hochgebirge der beiden nordwestindischen Bundesstaaten Himachal Pradesh und Jammu & Kaschmir (Lepidoptera: Noctuidae). *Esperiana* (Schwanfeld), 4:419-433, pl. Y. [India: Himalayas]
- Hardwick, D. F.**
1996. *A Monograph to the North American Heliothentinae* (Lepidoptera: Noctuidae). Ottawa. 281pp.
- Heinicke, W.**
1996. Zwei weitere *Spodoptera*-Arten (Lep., Noctuidae) erstmalig in Deutschland gefunden. *Ent. Nachr. Ber.* (Dresden), 40:5-9. [Germany]
- Honey, M. R.**
1996. *Stilbia anomala* (Haworth) (Lepidoptera: Noctuidae) in Surrey (v.c. 17). *Ent. Gaz.* (Wallingford), 47:150. [England]
- Hreblay, M.**
1996. Neue paläarktische Taxa aus der Gattung *Perigrappa* Lederer, 1857 (Lepidoptera, Noctuidae). *Esperiana* (Schwanfeld), 4:65-94, pl. E-G. [Eurasia]
- Hreblay, M., and J. Plante**
1996. Description de huit espèces et d'une sous-espèce nouvelles de la région Himalayenne; désignation de cinq nouveaux synonymes et de trois lectotypes (Lepidoptères, Noctuidae). *Lambill.* (Tervuren), 96:662-675. [Nepal]
- Huber, K., and H. Proell**
1996. Notes on the biology of *Asteroscopus syriaca decipulae* Kovacs 1966 (Lepidoptera: Noctuidae). *Linzer Biol. Beitr.* (Linz), 28:413-423. [Austria] [in German]
- Jinbo, K., M. Nakatani, and H. Kogi**
1996. *Syngrapha interrogationis* (Linnaeus) (Noctuidae) in the lowlands of Hokkaido. *Japan Heteroc. J.* (Tokyo), 190:239-241. [Japan] [in Japanese]
- Kameda, M.**
1996. Nine species of the Noctuidae from southern part of Hokkaido. *Yugato* (Niigata), 146:85-88. [Japan] [in Japanese]
- Kanbe, A., and M. Romonaga**
1996. Records of *Lithomoia solidaginis* (Hübner) (Noctuidae) at Asama-kogen in central Honshu. *Yugato* (Niigata), 146:89-90. [Japan] [in Japanese]
- Kanbe, A., and M. Ihara**
1996. Records of *Pseudopanalis azusa* Sugi (Noctuidae) taken from Nagano

Pref. at the end of March. *Yugato* (Niigata), 146:90. [Japan] [in Japanese]

Kaneko, J.

1996. Differences in cold-hardiness between Silvery moth, *Autographa gamma* (L.) and Asiatic common looper, *A. nigrisigna* (Walker). *Japan. J. Appl. Ent. Zool.* (Tokyo), 40:305-308. [Japan] [in Japanese]

King, G. E.

1996. Notes on the larvae of *Nola cucullatella* L., 1758 (Lep.: Nolidae) on Wanstead Flats, east London. *Ent. Rec. J. Var.* (Surrey), 108:294. [UK]

Kljutshko, Z., and H. Hacker

1996. Die Verbreitung der Arten der Gattung *Hadena* Schrank, 1802 und verwandter Genera in Osteuropa (Lepidoptera, Noctuidae, Hadeninae). *Esperiana* (Schwanfeld), 5:697-724.

Kononenko, V. S.

- 1996a. A review of the genus *Hadulipolia* Boursin, 1964 with descriptions of a new species and a new subspecies (Lepidoptera, Noctuidae, Hadeninae). *Tinea* (Tokyo), 14:271-278. [Russia, China]
- 1996b. A revised catalogue of types of the Noctuidae (Lepidoptera) described by F. Bryk (1948) from the Korean Peninsula. *Ins. Koreana* (Chuncheon), 13:1-26. [Korea]
- 1996c. A review of Far Eastern species of the *Euplexia lucipara* complex (Noctuidae, Amphipyridae), with description of a new species from China. *Japan Heteroc. J.* (Tokyo), 191:262-266. (Kashmir, China).

Kozlov, M. V., J. Jalava, A. L. Lvovsky, and K. Mikkola

1996. Population densities and diversity of Noctuidae (Lepidoptera) along an air pollution gradient on the Kola Peninsula, Russia. *Ent. Fenn.* (Helsinki), 7:9-15.

Krušek, K., and G. Behounek

1996. Beschreibung einer bisher unbekannten Art aus der Gattung *Pyrocleptria* Hampson, 1903 (Lepidoptera: Noctuidae, Heliothinae). *Zeit. Arbeitsgem. Österr. Ent.* (Vienna), 48:1-2. [China]

Kučinić, M., and F. Perović

1996. *Dasyptolia templi* (Thunberg, 1792), the new species of noctuids (Insecta, Lepidoptera, Noctuidae) in fauna of Croatia. *Natura Croatia* (Zagreb), 5:249-257.

Kusunori, Y., and N. Yasuda

1996. *Anarta carbonaria* (Christoph) (Noctuidae) and *Xanthorae sajanaria* (Prout) (Geometridae) found from the Hidaka Range, Hokkaido. *Japan. Heteroc. J.* (Tokyo), 189:231-232. [in Japanese] [Japan]

Löbel, H., and T. Drechsel

1996. Zur Lebensweise der Raupe von *Euchalcia emichi* (Rogenhofer, 1873) in Zentralanatolien (Türkei) (Lepidoptera: Noctuidae, Plusiinae). *Nota Lepid.* (Munich), 18:179-180 (1995). [Turkey]

Luquet, G. C.

1996. Redécouverte en Île-de-France de *Luperina nickerlii* (Freyer, 1845) et géonémie de l'espèce en France (Lepidoptera Noctuidae Caradrininae). *Alexanor* (Paris), 19:229-244 (1995).

McCormick, R.

1996. A further location for *Hypena obsitalis* Hb. (Lep.: Noctuidae). *Ent. Rec. J. Var.* (Surrey), 148. [UK]

Miyata, W., and S. Sugi

1996. *Brachionychna albicilia* Sugi (Noctuidae, Cuculliinae) again from Takase Valley, type-locality. *Japan Heteroc. J.* (Tokyo), 190:249. [Japan] [in Japanese]

Mori, N.

1996. The larva and hostplant of *Anomis longipennis* Sugi (Noctuidae). *Japan Heteroc. J.* (Tokyo), 188:211. [Japan] [in Japanese]

Murase, M.

1996. On larva and its feeding habit of *Adisura atkinsoni* Moore (Noctuidae, Heliothinae). *Japan Heteroc. J.* (Tokyo), 191:255-256. [Japan] [in Japanese]

Nakamura, M.

1996. Additional notes on the larva of *Callopietria japonibia* Inoue & Sugi (Noctuidae, Amphipyridae). *Yugato* (Niigata), 146:97-101. [Japan] [in Japanese]

Nakamura, M., K. Kudo, and K. Naito

1996. Three noctuid larvae associated with *Molinia japonica* Hakel at a boggy land in the Imou area. *Japan Heteroc. J.* (Tokyo), 188:205-209. [Japan] [in Japanese]

Neumann, H., and I. Varga

1996. *Xestia trifida* (Fischer von Waldheim 1820), eine neue Noctuidenart für

Rumänien (Lepidoptera: Noctuidae). *Bul. Inform. Soc. Lepid. Rom.* (Cluj), 6:191-193. (1995) [Romania]

Ogihara, H., S. Kubota, and S. Ikeuchi

- 1996a. Mating, feeding and flight behavior of the fruitsucking moth, *Oraesia emarginata* Fabricius (Lepidoptera: Noctuidae). *Japan. J. Appl. Ent. Zool.* (Tokyo), 40:209-215. [Japan] [in Japanese]
- 1996b. The longevity and feeding behavior of the adult fruit sucking moth, *Oraesia emarginata* Fabricius (Lepidoptera: Noctuidae) under artificial and natural conditions. *Japan. J. Appl. Ent. Zool.* (Tokyo), 40:227-232. [Japan] [in Japanese]

Ohtsuka, I.

- 1996a. A second example of *Lophoptera squammigera* Guenée (Noctuidae, Stictopterinae) found from Japan. *Japan Heteroc. J.* (Tokyo), 188:210. [in Japanese]
- 1996b. *Dactyloplusia mutans* (Walker) (= *hedysma* Joannis) (Noctuidae, Plusiinae) collected in Japan. *Japan Heteroc. J.* (Tokyo), 189:232. [in Japanese]

Orhant, G.

1996. Répartition d'*Apamea epomidion* (Haworth, 1809) en France et chez nos voisins (Lépidoptères Noctuidae). *Linn. Belg.* (Vilvoorde), 15:289-292.

Owada, M.

1996. Notes on the moths of the *Amphipyra pyramidea* complex (Lepidoptera, Noctuidae) in Japan, with descriptions of a new species. *Mem. Natl. Sci. Mus* (Tokyo), 29:125-142.

Owen, D. F.

- 1996a. Possible significance of the two forms of *Phlogophora meticulosa* (Linnaeus, 1758) (Lepidoptera, Noctuidae). *Atalanta* (Munich), 27:115-117. [England]
- 1996b. Vein- and petiole-cutting behaviour by larvae of *Cucullia verbasci* (Linné) (Lepidoptera: Noctuidae) feeding on the leaves of *Buddleia* (Buddleiaceae). *Linn. Belg.* (Vilvoorde), 15:273-274. [England]

Passoa, S., and C. S. Hollingsworth

1996. Distribution, identification and rate of spread of *Noctua pronuba* (Lepidoptera: Noctuidae) in the northeastern United States. *Ent. News* (Philadelphia), 107:151-160.

Patočka, J.

1996. Die Puppen der mitteleuropäischen Eulen: Cuculliinae, Heliothinae, Ipimorphinae, Hadeninae, Agrotinae (Lepidoptera: Noctuidae). *Nova Suppl. Ent.* (Berlin), 8:3-232. [Europe]

Pérez-López, F. J., and F. J. Morente-Benítez

1996. Nuevo subgénero y nueva especie de *Luperina* (*Eremobastis*) *maribelae* subgen. n., sp. n. de Granada (sureste de la península Ibérica) (Lepidoptera: Noctuidae, Ipimorphinae). *Nouv. Rev. Ent.* (Fontenay), 13:123-129. [Spain]

Rákossy, L.

- 1996a. *Exophila rectangularis* (Geyer [1829]) a new genus and species for the Romanian fauna (Lepidoptera, Noctuidae). *Bull. Inform. Soc. Lepid. Rom.* (Cluj), 6:173-174. (1995) [in Romanian]
- 1996b. Beitrag zur Kenntnis der Noctuidae Rumäniens (Lepidoptera). *Esperiana* (Schwanfeld), 4:223-230, pl. P. [Romania]

Rákossy, L., R. Hentschle, and K. Huber

1996. *Panemeria tenebromorpha* sp.n. from Greece (Lepidoptera: Noctuidae). *Linzer Biol. Beitr.* (Linz), 28:1169-1174.

Rákossy, L., and G. Negru

1996. *Rhyacia arenacea* (Hampson, 1907) in the Romanian fauna (Lepidoptera, Noctuidae). *Bull. Inform. Soc. Lepid. Rom.* (Cluj), 6:175-177. (1995) [in Romanian]

Retzlaff, H.

1996. *Rhyacia lucipeta* ([Denis & Schiffermüller], 1775) auf den Kanarischen Inseln (Lepidoptera, Noctuidae). *Atalanta* (Munich), 27:119. [Canary Is.]

Rezbanyai-Reser, L.

1996. *Mesapamea*-Studien IX. *Mesapamea insolita* n. sp. aus der Südschweiz sowie die bisherigen Fundangaben von *Mesapamea remmi* Rezbanyai-Reser 1985 in Europa (Lepidoptera: Noctuidae). *Ent. Zeit.* (Frankfurt), 106:81-92. [Switzerland]

Rogers, C. E., and O. G. Marti, Jr.

1996. Beet armyworm (Lepidoptera: Noctuidae): effects of age at first mating on reproductive potential. *Fla. Ent.* (Gainesville), 79:343-352. [USA]

Ronkay, L., and G. Behounek

1996. Revision of the *Thysanoplusia intermixta*-group (*Thysanoplusia* Ichinose, 1973, s.str.) (Lepidoptera, Noctuidae, Plusiinae). *Esperiana* (Schwanfeld),

Rudnick, K.

1996. Beobachtungen zum Vorkommen der gammaeule (*Autographa spec.*) um Rostock (Lepidoptera, Noctuidae). *Atalanta* (Munich), 27:111-114. [Germany]

Sannino, L., B. Espinosa, and P. Lombardi

1996. Description of the immature stages of *Heliothis peltigera* ([Denis et Schiffermüller], 1775) and morphological and thological comparison with *Helicoverpa armigera* (Hübner, [1808]). *Boll. Lab. Ent. Agrar. F. Silvestri* (Naples), 52:63-88. [Italy] [in Italian]

Sibahara, K.

1996. *Blenina quinarina* Moore (Noctuidae) captured in Nagasaki Prefecture. *Japan Heteroc. J.* (Tokyo), 191:266. [Japan] [in Japanese]

Smith, M. H.

1996. Notes on the Silurian moth *Eriopygodes imbecilla* (Fabricius) (Lep.: Noctuidae). *Ent. Rec. J. Var.* (Surrey), 108:148-149. [UK]

Sokoloff, P.

1996. A late example of *Noctua pronuba* L. (Lep.: Noctuidae). *Ent. Rec. J. Var.* (Surrey), 108:74. [England]

Speidel, W., H. Fänger, and C. M. Naumann

1996. The phylogeny of the Noctuidae (Lepidoptera). *Syst. Ent.* (London), 21:219-251.

Stan, G.

1996. Comparative study on the reproductive capacity in *Mamestra brassicae* L. and *Xestia c-nigrum* L. (Lepidoptera: Noctuidae), in laboratory conditions. *Bul. Inform. Soc. Lepid. Rom.* (Cluj), 6:231-246. (1995) [in Romanian]

Stan, G., and V. Chiş

1996. Studies on reproductive capacity in *Mamestra brassicae* L. (Lepidoptera: Noctuidae): evaluation of the spermatophores and the egg number for different laboratory breeding lines and generations, and females captured in light traps, during 1986-1991. *Bul. Inform. Soc. Lepid. Rom.* (Cluj), 6:247-265. (1995) [in Romanian]

Steiner, A.

1996. *Mniotype solieri* (Boisduval, 1840) nach Deutschland eingeschleppt (Lep., Noctuidae). *Ent. Nachr. Ber.* (Dresden), 40:175-177. [Germany]

Sugi, S.

- 1996a. *Pilipectus prunifera* (Hampson) (Noctuidae, Ophiderinae) found from Japan. *Japan Heteroc. J.* (Tokyo), 188:202-204. [in Japanese]
- 1996b. On some Far East species of *Pangrapta* Hübner (Noctuidae, Ophiderinae), with description of a new species from Japan and Korea. *Japan Heteroc. J.* (Tokyo), 190:242-245.

Suzuki, S.

1996. Pupae of *Hypena subcyanea* Butler (Noctuidae) under the bark of living pine tree. *Japan Heteroc. J.* (Tokyo), 187:183. [Japan] [in Japanese]

Sviridov, A. V., and P. S. Sitnikov

1996. Noctuid moths (Lepidoptera) of Tyumen region. *Actias* (Moscow), 2:89-104. (1995) [Russia]

Sviridov, A. V., W. Speidel, and K. Reshöft

1996. Eine neue *Catocala*-Art aus Afghanistan (Lepidoptera: Noctuidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 17:191-199.

Takamura, T.

- 1996a. A remarkable aberrant specimen of *Catocala bella* Butler (Noctuidae). *Japan Heteroc. J.* (Tokyo), 188:210. [in Japanese] [Japan]
- 1996b. *Catocala separans* Leech (Noctuidae) collected in Toyota, Aichi Prefecture. *Japan Heteroc. J.* (Tokyo), 189:221. [in Japanese] [Japan]
- 1996c. *Maikona jezoensis* Matsumura (Agaristidae) from Atsumi Peninsula, Aichi Prefecture. *Japan Heteroc. J.* (Tokyo), 189:236. [in Japanese] [Japan]

Troubridge, J. T., and L. G. Crabo

- [1996]. A new species of *Copablepharon* (Lepidoptera: Noctuidae) from British Columbia and Washington. *J. Ent. Soc. Br. Columbia* (Vancouver), 92:87-90. (1995) [Canada, USA]

Varga, Z., and L. Ronkay

1996. New and revised taxa of the genera *Chersotis* Boisduval, 1840 and *Dichagyris* Lederer, 1857 from Central Asia (Lepidoptera, Noctuidae, Noctuinae). *Esperiana* (Schwanfeld), 4:103-132.

Waring, P.

- 1996a. The status of the Silurian moth *Eriopygodes imbecilla* (Fabricius) (Lep.: Noctuidae) in Monmouthshire in 1995. *Ent. Rec. J. Var.* (Surrey), 108:24-25. [England]

- 1996b. Further information on the Silurian moth *Eriopygodes imbecilla* (Fabr.) in Wales. *Ent. Rec. J. Var.* (Surrey), 108:149-150. [England]

West, B. K.

- 1996a. *Nola confusalis* H.-S. (Lep.: Nolidae) in north-west Kent and Moray. *Ent. Rec. J. Var.* (Surrey), 108:297. [UK]
- 1996b. *Panolis flammea* D. & S. (Lep.: Noctuidae): its forms and their incidence in north-west Kent. *Ent. Rec. J. Var.* (Surrey), 108:313-315, pl. H. [UK]

Yanagita, Y.

1996. *Elwesia sugii* Yoshimoto and *Nyctycia stenoptera* (Sugi) (Noctuidae) in Kyushu. *Japan Heteroc. J.* (Tokyo), 190:251-252. [Japan] [in Japanese]

Zhou, J.-Y., and S. Song

1996. A numerical taxonomic study on the eggs of some Chinese Noctuidae (Lepidoptera: Noctuidae). *Entomotaxon* (Yangling), 18:145-149. [China] [in Chinese]

Zilli, A., and A. di Giulio

1996. Diversità degli organi androconiali nei Mythimnini Italiani: morfologia comparata ed implicazioni filogenetiche (Lepidoptera, Noctuidae). *Frag. Ent.* (Rome), 28:97-147. [Italy]

NOTODONTIDAE**Ferguson, I. D.**

1996. *Ptilophora plumigera* D. & S. (Lep.: Notodontidae) the plumed prominent in West Kent. *Ent. Rec. J. Var.* (Surrey), 108:72. [England]

Roth, J. T., and M. Ernst

1996. Nachweis von *Thaumetopoea processionea* (Linnaeus 1758) im Vorderen Odenwald. *Nachr. Ent. Ver. Apollo* (Frankfurt), 17:50. [Germany]

Stigter, H., and F. Das

1996. *Thaumetopoea processionea* in the Netherlands: expectations for 1996 (Lepidoptera: Thaumetopoeidae). *Ent. Ber.* (Amsterdam), 56:133-134.

West, B. K.

1996. *Furcula bicuspis* (Borkh.) (Lep.: Notodontidae) – further extension of range in the London area. *Ent. Rec. J. Var.* (Surrey), 108:94-95. [England]

NYMPHALIDAE**Abadjiev, S.**

1996. A new locality record for *Lopinga achine* (Scopoli, 1763) in Bulgaria (Lep.: Nymphalidae: Satyrinae). *Ent. Rec. J. Var.* (Surrey), 108:230.

Albouy, V.

1996. Migration des belles-dames (*Cynthia cardui*) en France: premières données (Lep. Nymphalidae). *Bull. Soc. Ent. Fr.* (Paris), 101:260.

Allen, A. A.

1996. Red admiral butterfly *Vanessa atalanta* (L.) (Lep.: Nymphalidae) in mid-February. *Ent. Rec. J. Var.* (Surrey), 108:207-208. [UK]

Anken, R. H.

1996. A bibliographical supplement to 'An observation of *Hipparchia fidia monilena* Anken & Keppel (Lepidoptera: Satyridae) in copula from northern Portugal'. *Ent. Gaz.* (Wallingford), 47:12.

Aubert, J., B. Barascud, H. Descimon, and F. Michel

1996. Molecular systematics of the Argynninae (Lepidoptera: Nymphalidae). *Comp. Rend. Acad. Sci.* (Paris), (3. Sci. Vie), 319:647-651. [in French]

Bachelard, P.

1996. À propos de *Boloria aquilonaris* Stichel (1908) en Auvergne et plus généralement dans le Massif-Centrale (France). Première cartographie de l'espèce en Auvergne (Lepidoptera: Nymphalidae). *Linn. Belg.* (Vilvoorde), 15:255-264.

Baguette, M., I. Convie, and G. Neve

1996. Male density affects female spatial behaviour in the butterfly *Proclossiana eunomia*. *Acta Oecolog.* (Montrouge), 17:225-232. [Belgium]

Baldwin, A. J.

1996. The monarch butterfly *Danaus plexippus* (L.) (Lep.: Danaidae) in south Devon. *Ent. Rec. J. Var.* (Surrey), 108:84. [England]

Bandai, K.

1996. Preserving woodlands for butterflies – Conservation of the giant purple, *Sasakia charonda*, in Nagasaka-cho, Yamanashi Prefecture. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 180-184. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue). [Japan]

Barrington, R.

1996. Notes on *Maniola jurtina* L. ssp. *cassiteridum* Graves and *Parage*

- aegeria* L. ssp. *insula* Howarth in the Isles of Scilly, and *Maniola jurtina* from Lundy Island. *Ent. Rec. J. Var. (Surrey)*, 108:295-297, pl. G.
- Belick, A. G.**
1996. New subspecies of *Erebia anyuica* Kurentsov, 1966 and *Clossiana erda* (Christoph, 1893) from the Vostochnyy Sayan mountains, Russia (Lepidoptera: Nymphalidae). *Phegea* (Antwerp), 24:157-166.
- Bérard, R.**
1996. Visites du pacha aux confins de la Loire et de l'Ardèche (Lepidoptera Nymphalidae). *Alexanor* (Paris), 19:322. [France]
- Bergman, K.-O.**
1996. Clearings in hardwood forests can save *Lopinga achine*. *Fauna Flora* (Stockholm), 91:6-11. [Sweden]
- Beshkov, S.**
1996. A new subspecies of *Erebia cassioides* (Reiner & Hohenwarth, 1792) from Bulgaria: *Erebia cassioides kinoshitai* ssp. n. (Lepidoptera: Nymphalidae: Satyrinae). *Phegea* (Antwerp), 24:109-124.
- Biermann, H., and U. Eitschberger**
1996. Bemerkungen zu *Lasiommata megera* (Linnaeus, 1767) und *Lasiommata paramegaera* (Hübner, [1824]) (Lepidoptera, Satyridae). *Atalanta* (Munich), 27:253-319. [Europe]
- Bogue, R. W.**
1996. Arrivals of *Cynthia cardui* L. (Lep.: Nymphalidae) in Devon. *Ent. Rec. J. Var. (Surrey)*, 108:268. [UK]
- Boireau, P.**
1996. Quelques données inédites sur *Danaus chrysippus* en France continentale, accompagnées d'un appel à contribution (Lepidoptera Nymphalidae, Danainae). *Alexanor* (Paris), 19:259-260.
- Braby, M. F.**
1996. Mating frequency in bush-brown butterflies (Nymphalidae: Satyrinae). *J. Lepid. Soc. (Los Angeles)*, 50:80-86. [Australia]
- Brenvenuti, S., P. Dall'Antonia, and P. Ioale**
1996. Directional preferences in the autumn migration of the red admiral (*Vanessa atalanta*). *Ethology* (Berlin), 102:177-186. [Italy]
- Britten, H. B., P. F. Brussard, and D. D. Murphy**
1996. Isozyme data and the taxonomy of checkerspot butterflies (*Euphydryas*). *J. Res. Lepid. (Beverly Hills)*, 32:124-134 (1993). [USA]
- Brower, L. P.**
1996. Monarch butterfly orientation: missing pieces of a magnificent puzzle. *J. Exp. Biol. (Cambridge)*, 199:93-103. [USA]
- Burrows, D. S.**
1996. Unusual numbers of the speckled wood *Pararge aegeria* L. (Lep.: Satyridae) in south Lincolnshire. *Ent. Rec. J. Var. (Surrey)*, 108:150. [UK]
- Calhoun, J. V.**
1996a. Conquering soldiers: the successful invasion of Florida by *Danaus eresimus* (Lepidoptera: Nymphalidae). *Holarctic Lepid. (Gainesville)*, 3:7-18. [USA]
1996b. Possible relict populations of *Chlosyne nycteis* in the Florida panhandle (Lepidoptera: Nymphalidae). *Holarctic Lepid. (Gainesville)*, 3:69-71. [USA]
- Calvert, W. H.**
1996. Fire ant predation on monarch larvae (Nymphalidae: Danainae) in a central Texas prairie. *J. Lepid. Soc. (Los Angeles)*, 50:149-151. [USA]
- Carlton, C. E., and L. S. Nobles**
1996. Distribution of *Speyeria diana* (Lepidoptera: Nymphalidae) in the highlands of Arkansas, Missouri and Oklahoma, with comments on conservation. *Ent. News* (Philadelphia), 107:213-219. [USA]
- Cassel, A., and S.-A. Berglind**
1996. Record of *Coenonympha hero* hitherto believed to be lost. *Ent. Tidskr. (Stockholm)*, 117:48. [Sweden] [in Swedish]
- Castro, E. de, and J. A. Vicente**
1996. Algunas consideraciones sobre la taxonomía y las plantas nutricias en los Nymphalidae Swainson, 1827, en la Península Ibérica (Insecta: Lepidoptera). *SHILAP Revta. Lepid. (Madrid)*, 24:111-116. [Spain]
- Cupedo, F.**
1996. Die morphologische Gliederung des *Erebia melampus*-Komplexes, nebst Beschreibung zweier neuer Unterarten: *Erebia melampus semisudetica* ssp.n. und *Erebia sudetica belledonnae* ssp.n. (Lepidoptera, Satyridae). *Nota Lepid. (Munich)*, 18:95-125 (1995). [Europe]
- Dantchenko, A., A. Sourakov, and T. C. Emmel**
1996. Notes on the life history of *Sephisa princeps* in eastern Russia (Lepidoptera: Nymphalidae). *Holarctic Lepid. (Gainesville)*, 3:47-57.
- Dubois, P. J.**
1996. Observations de monarques *Danaus plexippus* en France à l'automne 1995 (Lepidoptera, Rhopalocera). *Bull. Soc. Ent. Fr. (Paris)*, 100:441-443. (1995)
- Ellis, M.**
1996. Possible second brood in *Erebia palarica* Chapman 1905 (Lep.: Satyridae). *Ent. Rec. J. Var. (Surrey)*, 108:176. [UK]
- Feltwell, J.**
1996. Large tortoiseshell in East Sussex. *Brit. J. Ent. Nat. Hist. (Reading)*, 9:92. [England]
- Fernandez-R., F., and E. Garcia-B.**
[1996]. Taxonomic situation of the species of the genus *Pararge* Hübner, 1819 – *P. aegeria*, *P. xiphia* and *P. xiphoides* – (Lepidoptera: Satyridae) in the Macaronesian Islands. *Bol. Mus. Municipal Funchal*, 47:39-50. 995) [Spain]
- Gann, P.**
1996. Red admiral butterfly *Vanessa atalanta* (L.) (Lep.: Nymphalidae) in January. *Ent. Rec. J. Var. (Surrey)*, 108:195. [UK]
- Gardiner, B. O. C.**
1996. A late and an early red admiral *Vanessa atalanta* (L.) (Lep.: Nymphalidae) in Cambridge. *Ent. Rec. J. Var. (Surrey)*, 108:142. [UK]
- Garcia-Pereira, P., and E. Garcia-Barros**
1996. Spot distribution in *Maniola jurtina* (Linnaeus, 1758) (Lepidoptera: Nymphalidae, Satyrinae) in central Spain. *Nota Lepid. (Munich)*, 19:152-164.
- Heinze, B.**
1996. Beobachtung einer starken Wanderung von *Inachis io* (Linnaeus, 1758) (Lepidoptera, Nymphalidae). *Atalanta* (Munich), 27:503-504. [Germany]
- Hoshikawa, K.**
1996. Ice-inoculation avoidance in hibernating larva of *Apatura metis* (Lepidoptera: Nymphalidae). *Trans. Lepid. Soc. Japan (Osaka)*, 47:278-284. [Japan]
- Johannesen, J., M. Veith, and A. Seitz**
1996. Population genetic structure of the butterfly *Melitaea didyma* (Nymphalidae) along a northern distribution range border. *Molecular Ecol. (Oxford)*, 5:259-267. [Germany]
- Joy, J.**
1996. The larval habitats of the grayling butterfly *Hipparchia semele* (Linnaeus) (Lepidoptera: Satyridae) at inland lead mine sites in Shropshire. *Ent. Gaz. (Wallingford)*, 47:139-142. [England]
- Jutzeler, D., H. Biermann, and E. de Bros**
1996. Élevage de *Coenonympha corinna elbana* (Staudinger, 1901) du Monte Argentario (Toscane, Italie) avec explication géologique de l'aire de répartition du complexe *corinna* (Lepidoptera: Nymphalidae, Satyrinae). *Linn. Belg. (Vilvoorde)*, 15:332-347. [Italy]
- Jutzeler, D., and E. de Bros**
1996a. Élevage de *Coenonympha corinna corinna* (Hübner, 1804) de Sardaigne. Notes sur la répartition de l'espèce *C. corinna* (Lepidoptera: Nymphalidae, Satyrinae). *Bull. Soc. Ent. Mulhouse*, 1996:1-10, 25-32, 1 pl. [France: Sardinia]
1996b. *Satyrus ferula* (Fabricius, 1793) du Valais (Suisse): durée extraordinairement longue de l'éclosion de la chenille au stade L1 (Lepidoptera: Nymphalidae, Satyrinae). *Linn. Belg. (Vilvoorde)*, 15:315-316. [Switzerland]
- Jutzeler, D., N. Grillo, L. Russo, U. Nardelli, and E. de Bros**
1996. Position taxonomique et biologie de *Melanargia pherusa* (Boisduval, 1833) de Sicile selon les stades pré-imaginaux (Lepidoptera: Nymphalidae, Satyrinae). *Linn. Belgica* (Vilvoorde), 15:203-213. [Italy]
- Kawada, S.**
1996. Notes on the feeding habit of *Ypthima argus* Butler (Lepidoptera, Satyridae) on the bamboo grass. *Trans. Lepid. Soc. Japan (Osaka)*, 47:215-222. [Japan] [in Japanese]
- Kitahara, M.**
1996. An ecological study on an adult population of *Brenthis daphne rabdia* (Butler) (Lepidoptera, Nymphalidae) by the mark-recapture method. *Trans. Lepid. Soc. Japan (Osaka)*, 47:29-39. [Japan] [in Japanese]
- Kocman, S.**
1996. Some new subspecies of the genus *Parnassius* and *Coenonympha* from China (Lepidoptera: Papilionidae, Satyridae). *Lambill. (Tervuren)*, 96:37-42.

- Kuussaari, M., M. Nieminen, and I. Hanski
1996. An experimental study of migration in the Glanville fritillary *Melitaea cinxia*. *J. Anim. Ecol.* (Oxford), 65:791-801. [Finland]
- Kwast, E.
1996. Zur Faunistik und Ökologie der Schmetterling in der Mark Brandenburg. VI. Vorkommen und ökologische Ansprüche von *Lasiommata maera* Linnaeus, 1758 in der Mark Brandenburg (Lep., Satyridae). *Ent. Nachr. Ber.* (Dresden), 40:99-103. [Germany]
- Launer, A. E., D. D. Murphy, C. L. Boggs, J. F. Baughman, S. B. Weiss, and P. R. Ehrlich
1996. Puddling behavior by bay checkerspot butterflies (*Euphydryas editha bayensis*). *J. Res. Lepid.* (Beverly Hills), 32:45-52 (1993). [USA]
- Leverton, R.
1996. Red admirals *Vanessa atalanta* (L.) (Lep.: Nymphalidae) at sugar by day. *Ent. Rec. J. Var.* (Surrey), 108:208. [UK]
- Lukhtanov, V. A.
1996. Neue Taxa der Gattung *Hyponephele* Muschamp, 1915 aus Mittelasien (Lepidoptera, Satyridae). *Atalanta* (Munich), 27:581-590, pl. 9. [Central Asia]
- Maier, C., and T. G. Shreeve
1996. Endothermic heat production in three species of Nymphalidae (Lepidoptera). *Nota Lepid.* (Munich), 18:127-137 (1995). [England]
- Makibayashi, I.
1996b. Recent progress on the conservation effort for *Sasakia charonda* (the great purple emperor) in Ranzanmachi, Saitama Prefecture. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 176-179. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue). [Japan]
- Matsuda, S.
1996. Taxonomic status of *Melitaea niphona* Butler (Lepidoptera, Nymphalidae). *Trans. Lepid. Soc. Japan* (Osaka), 47:59-68. [Japan] [in Japanese]
- Mérit, X. C.
1996. Les formes claires de *Melanargia galathea* (Linné, 1758) en Ardèche septentrionale: bilan et proportion (Lepidoptera: Nymphalidae, Satyridae). *Linn. Belgica* (Vilvoorde), 15:219-224. [France]
- Miyagawa, K.
1996. Nowadays!! *Melitaea scotosia*, in Geihoku-cho, Hiroshima Prefecture. *Yadoriga* (Osaka), 165:11-15. [Japan] [in Japanese]
- Neve, G., B. Barascud, R. Hughes, J. Aubert, H. Descimon, P. Lebrun, and M. Baguerre
1996. Dispersal, colonization power and metapopulation structure in the vulnerable butterfly *Proclissiana eunomia* (Lepidoptera: Nymphalidae). *J. Appl. Ecol.* (Oxford), 33:14-22. [Belgium]
- Novoa-Pérez, J. M., and V. García-Villanueva
1996. Biología y distribución geográfica de *Euphydryas desfontainii* (Godart, 1819) en el suroeste de la Península Ibérica (Lepidoptera: Nymphalidae). *SHILAP Revta. Lepid.* (Madrid), 24:2132-222. [Spain]
- Nylin, S., K. Gotthard, and C. Wiklund
1996. Reaction norms for age and size at maturity in *Lasiommata* butterflies: predictions and tests. *Evol.* (Lawrence), 50:1351-1358. [Sweden]
- Nylin, S., and J. Niklas
1996. Host plant preferences in the comma butterfly (*Polygonia c-album*): do parents and offspring agree? *Ecosci.* (Quebec), 3:285-289. [Sweden]
- Oberhauser, K. S., D. Cansler, and A. Feitl
1996. Genetics of a "zebra" pigment mutation in the larvae of *Danaus plexippus* L. (Nymphalidae: Danainae). *J. Lepid. Soc.* (Los Angeles), 50:237-244. [USA]
- Olivier, A.
1996. Notes on the taxonomic status and supposed biogeographic affinity of the *Pseudochazara anthelea* (Hübner, [1824]) populations from Kípros (Cyprus) and from the Greek island of Kós (Lepidoptera: Nymphalidae Satyridae). *Phegea* (Antwerp), 24:1-12.
- Palo, J., S.-L. Varvio, I. Hanski, and R. Vainola
1996. Developing microsatellite markers for insect population structure: complex variation in a checkerspot butterfly. *Hereditas* (Lund), 123:295-300. [Sweden]
- Paulsen, S. M.
1996. Quantitative genetics of the wing color pattern in the buckeye butterfly (*Precis coenia* and *Precis evarete*): evidence against the constancy of G. *Evol.* (Lawrence), 50:1585-1597. [USA]
- Pellecchia, M., and L. Pizzetti
1996. On the distribution of *Satyrus ferula* Fabricius 1793 in Italy (Lepidoptera: Nymphalidae, Satyridae). *Linn. Belg.* (Vilvoorde), 15:356-358.
- Pennington, M. G.
1996. The peacock butterfly *Inachis io* (L.) (Lep. Nymphalidae) in Shetland. *Ent. Rec. J. Var.* (Surrey), 108:208-210. [UK]
- Pollard, E., P. Rothery, & T. J. Yates
1996. Annual growth rates in newly established populations of the butterfly *Pararge aegeria*. *Ecol. Ent.* (London), 21:365-369. [UK]
- Rose, H. S., and N. Sharma
1996. Comments on *Junonia hierta* complex along with the reporting of a new subspecies (Lepidoptera, Nymphalidae) from West Himalaya. *Actias* (Moscow), 2:63-65. (1995). [India: Himalayas]
- Russo, L.
1996a. Considérations sur la validité des sous-espèces géographiques de *Melanargia arge* (Sulzer, 1776) (Lepidoptera: Nymphalidae, Satyridae). *Linn. Belg.* (Vilvoorde), 15:249-252. [Italy]
1996b. Une femelle aberrante de *Melanargia arge* (Sulzer, 1776) (Lepidoptera: Nymphalidae, Satyridae). *Linn. Belg.* (Vilvoorde), 15:253-254. [Italy]
- Rutowski, R. L., M. J. Demlong, and B. Terkanian
1996. Seasonal variation in mate-locating activity in the desert hackberry butterfly (*Asterocampa leilia*; Lepidoptera: Nymphalidae). *J. Insect Behavior* (New York), 9:921-931. [USA]
- Sala, G., M. Guidi, L. Mazzotti, and M. Bollino
1996. The presence of *Araschnia levana* (Linnaeus, 1758) in Italy (Lepidoptera, Nymphalidae). *Atalanta* (Munich), 27:321-322.
- Samodurov, G. D., V. A. Korolev, and V. V. Tshikolovez
1996a. Neue Taxa der Satyriden-Gattung *Hyponephele* Muschamp 1915 (Lepidoptera: Nymphalidae, Satyridae) aus Mittelasien und Transkaukasien. *Nachr. Ent. Ver. Apollo* (Frankfurt), 17:21-40. [Azerbaijan, Kazakhstan, Kirghizstan, Uzbekistan]
1996b. Eine Übersicht über die Satyriden der Gattung *Hyponephele* Muschamp 1915. II. Die Arten *Hyponephele dysdora* (Lederer, 1870), *H. tristis* (Grum-Grishmailo, 1899), *H. prasolovi* Lukhtanov, 1990, *H. murzini* Dubatolov, 1989 und *H. jasavi* Lukhtanov, 1990 (Lepidoptera, Satyridae). *Atalanta* (Munich), 27:223-252, pl. 6-7a. [Kirghizstan, Tadjikistan, Turkmenia, Uzbekistan]
- Samraoui, B.
1996. Breeding status and range expansion of *Danaus chrysippus* (Linnaeus, 1758) in the Algerian Sahara (Lepidoptera: Nymphalidae Danainae). *Nota Lepid.* (Munich), 19:261-263. [Algeria]
- Samson, C.
1996. A possible second brood white admiral *Ladoga camilla* (L.) (Lep.: Nymphalidae)? *Ent. Rec. J. Var.* (Surrey), 108:78. [England]
- Savourey, M.
1996. Contribution lépidoptérique française à la cartographie des invertébrés Européens et travail préliminaire à l'établissement des atlas nationaux du Service du Patrimoine Naturel. Le genre *Erebia* en France mise à jour de l'inventaire par régions administratives (deuxième partie) (Lepidoptera Nymphalidae Satyridae). *Alexandor* (Paris), 19:277-291.
- Schurian, K. G.
1996. A contribution to the biology of *Brenthis mofidii* (Wyatt, 1968). *Linn. Belg.* (Vilvoorde), 15:311-314. [Turkey]
- Seidl, A. L.
1996. Oviposition behavior and larval biology of the endangered Uncompahgre fritillary *Boloria acrocneuma* (Nymphalidae). *J. Lepid. Soc.* (Los Angeles), 50:290-296. [USA]
- Shreeve, T. G., R. L. H. Dennis, and W. R. Williams
1996. Uniformity of wing spotting of *Maniola jurtina* (L.) in relation to environmental heterogeneity (Lepidoptera: Satyridae). *Nota Lepid.* (Munich), 18:77-92 (1995). [England]
- Singer, M. C., and C. D. Thomas
1996. Evolutionary responses of a butterfly metapopulation to human- and climate-caused environmental variation. *Amer. Naturalist* (Chicago), 148 (Suppl.):9-39. [*Euphydryas editha*, USA]
- Steiniger, H., and U. Eitschberger
1996. *Cynthia cardui* und *Vanessa atalanta* 1994. *Atalanta* (Munich), 27:29-32. [Europe]
- Sutcliffe, O. L., and C. D. Thomas
1996. Open corridors appear to facilitate dispersal by ringlet butterflies (*Aphantopus hyperantus*). between woodland clearings. *Conserv. Biol.*

Takahashi, M.

- 1996a. On a specimen of *Neope nipponica* Butler (Lepidoptera: Satyridae) labeled to be collected in the northeastern district of China. *Trans. Lepid. Soc. Japan* (Osaka), 47:106-107. [in Japanese]
- 1996b. Distribution and habitat of *Sasakia charonda* Hewitson (Nymphalidae) in the central part of Shizuoka Prefecture, Japan. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 185-187. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue).

Taketsugu, F.

1996. Present status and conservation of *Fabriciana nerippe* in Akiyoshidai. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 201-204. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue). [Japan]

Ten Hagen, W.

1996. Massenvermehrung und Wanderungen von *Vanessa cardui* (Linnaeus, 1758) in Syrien (Lepidoptera, Nymphalidae). *Atalanta* (Munich), 27:101-106. [Syria]

Tennent, W. J.

1996. The holotype of *Lasiommata meadewaldoi* Rothschild, 1917 (Lepidoptera: Satyridae). *Ent. Gaz.* (Wallingford), 47:13. [Morocco]

Tilley, R. J. D.

1996. The complex development of larvae of the speckled wood butterfly *Pararge aegeria* (L.) (Lepidoptera: Satyridae) in southern Britain. *Ent. Gaz.* (Wallingford), 47:1-7.

Vanholder, B.

1996. The migration of *Danaus plexippus* (Linnaeus, 1758) during October 1995 in the UK (Lepidoptera: Nymphalidae, Danainae). *Nota Lepid.* (Munich), 19:129-140. [Great Britain]

Vincens, P.

1996. *Brenthis daphne* D. & S., 1774, espèce nouvelle pour la Corsica (Lepidoptera Nymphalidae). *Alexanor* (Paris), 19:145 (1995). [Corsica, France]

Wakeham-Dawson, A.

1996. How useful are male genitalia as taxonomic characters in the genus *Pseudochazara* de Lesse, 1951 (Lepidoptera: Satyridae)? *Ent. Gaz.* (Wallingford), 47:227-237. [Greece, Spain, Turkey]

Walton, R. K., and L. P. Brower

1996. Monitoring the Fall migration of the monarch butterfly *Danaus plexippus* L. (Nymphalidae: Danainae) in eastern North America: 1991-1994. *J. Lepid. Soc.* (Los Angeles), 50:1-20.

Wang, Z. G., and Y. Niu

1996. A new subspecies of *Neptis* (Lepidoptera: Nymphalidae) in Shaanxi Province, China. *Entomotaxon.* (Yangling), 18:301-303 [in Chinese].

Weise, W.

1996. Eine auffällige Wanderung des Tagpfauenauges *Vanessa io* (Linnaeus, 1758) (Lepidoptera, Nymphalidae). *Atalanta* (Munich), 27:99. [Germany]

West, B. K.

1996. *Argynnis paphia* L. (Lep.: Nymphalidae) reappears in N.W. Kent. *Ent. Rec. J. Var.* (Surrey), 108:38. [England]

Whitehead, P. F.

1996. The 1996 immigration of *Cynthia cardui* (Linnaeus) (Lepidoptera: Nymphalidae) in the English south Midlands. *Ent. Gaz.* (Wallingford), 47:226. [England]

Winokur, L.

1996. Wing homoeosis in *Pararge aegeria* L. (Lepidoptera: Satyridae). *Brit. J. Ent. Nat. Hist.* (Reading), 9:193-195. [UK]

Worth, R. A., K. A. Schwarz, and T. C. Emmel

1996. Notes on the biology of *Strymon acis bartrami* and *Anaea troglodyta floridalis* in south Florida (Lepidoptera: Lycaenidae and Nymphalidae). *Holarctic Lepid.* (Gainesville), 3:62-65. [USA]

OECOPHORIDAE

Langmaid, J. R.

1996. Moon carrot (*Seseli libanotis* Linnaeus) an alternative host-plant of *Depressaria pulcherrimella* Stainton (Lepidoptera: Oecophoridae). *Ent. Gaz.* (Wallingford), 47:30. [England]

Li, H. H., S. X. Wang, and G. Y. Yan

1996. A new species and a new record of the oecophorid moths (Lepidoptera:

Oecophoridae) from China. *Entomotaxon.* (Yangling), 18:205-208.

Lvovsky, A. L.

1996. New and little known species of *Depressaria* Haworth, 1811 (Lepidoptera, Depressariidae). *Atalanta* (Munich), 27:421-425. [Russia]

Lvovsky, A. L., and J. C. Koster

1996. *Denisia curlettii* sp. n. from Tunisia (Lepidoptera: Oecophoridae). *Tijds. Ent.* (Amsterdam), 139:157-160.

Powell, J. A., and P. A. Opler

1996. *Moths of Western North America. 4. Distribution of "Oecophoridae" (sense of Hodges 1983) of Western North America.* Ft. Collins: Colo. St. Univ. (Contrib. Gillette Insect Biodiv. Mus.). 63pp.

Spalding, A.

1996. *Agonopterix kuznetzovi* Lvovsky (Lepidoptera: Oecophoridae) in April. *Ent. Gaz.* (Wallingford), 47:150. [England]

Wang, S. X., and Z. M. Zheng

1996. One new species and four new record species of Depressariinae (Lepidoptera: Oecophoridae) from China. *Entomotaxon.* (Yangling), 18:297-299. [China: Qinghai, Shaanxi, and Xinjiang]

PAPILIONIDAE

Anken, R. H., and D. Bremen

1996. On the morphology of basal hindwing recto black scales in some Papilionidae (Lepidoptera: Rhopalocera). *Ent. Rec. J. Var.* (Surrey), 108:11-15. [Europe]

Aubert, J., H. Descimon, and F. Michel

1996. Population biology and conservation of the Corsican swallowtail butterfly *Papilio hospitan*. *Biol. Coserv.* (London), 78:247-255. [France]

Belik, A. G.

1996. A new subspecies of *Parnassius phoebus* Fabricius, 1793 from the northwest of eastern Siberia (Lepidoptera, Papilionidae). *Atalanta* (Munich), 27:189-193, pl. 1. [Russia]

Carbonell, F.

- 1996a. Contribution à la connaissance du genre *Allancastris* Bryk (1934). Morphologie, biologie et écologie d'*Allancastris louristana* (Le Cerf, 1908) (Lepidoptera: Papilionidae). *Linn. Belg.* (Vilvoorde), 15:231-236. [Iran]
- 1996b. Contribution à la connaissance du genre *Allancastris* Bryk (1934). Morphologie, biologie et écologie d'*Allancastris cretica* (Rebel, 1904) (Lepidoptera: Papilionidae). *Linn. Belg.* (Vilvoorde), 15:231-303-308. [Greece: Crete]

Dennis, R. L. H.

1996. Oviposition in *Zerynthia cretica* (Rebel, 1904): loading on leaves, shoots and plant patches (Lepidoptera, Papilionidae). *Nota Lepid.* (Munich), 18:3-15 (1995). [Greece]

Dombrowski, D. S., and R. R. Mills

1996. Fennel (*Foeniculum vulgare*), primary host plant for the eastern black swallowtail (*Papilio polyxenes asterius*) (Papilionidae) on the eastern shore of Virginia. *J. Lepid. Soc.* (Los Angeles), 50:87-89. [USA]

Deschamps-Cottin, M., and H. Descimon

1996. Un cas possible de mimétisme chez la chenille de *Parnassius apollo* (L.) (Lepidoptera: Papilionidae). *Linn. Belg.* (Vilvoorde), 15:309-310. [France]

Dunk, K. von der

1996. Ein anormaler Segelfalter *Iphiclides podalirius* L. (Lep., Papilionidae). *Galathea* (Nuremberg), 12:123-125. [Germany]

Fernández-Vidal, E. H., and V. Expósito-Hermosa

1996. Una nueva subespecie ibérica de *Parnassius apollo* (Linnaeus, 1758) (Lepidoptera: Papilionidae, Parnassiinae). *SHILAP Revta. Lepid.* (Madrid), 24:157-164. [Spain]

Geith, K.

1996. Bericht über die Parnassidae-Ausbeute einer Ost-Tibet-Expedition. Teil 2 (Lepidoptera, Papilionidae). *Facetta* (Ingolstadt), 12:21-26, pl. 4 [China]

Ihara, M.

1996. Conservation of *Luehdorfia japonica* in Iida City. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 172-173. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue). [Japan]

Kaabak, L. V., A. V. Sotshivko, and V. V. Titov

1996. A new subspecies of *Parnassius charitonius* Gray, 1853 from the

- Sarykolsky Mountain ridge in Tadzhikistan (Lepidoptera, Papilionidae). *Atalanta* (Munich), 27:195-198, pl. 2a.
- Kawai, K., H. Sakurai, and S. Takeda**
 1996a. The influence of climatological factors on the wing length of Japanese clouded apollo, *Parnassius glacialis* (Lepidoptera: Papilionidae). *Japan. J. Ent.* (Tokyo), 64:443-448. [Japan] [in Japanese]
 1996b. The correlation of wing length and altitude in Japanese clouded apollo, *Parnassius glacialis* (Lepidoptera: Papilionidae). *Japan. J. Ent.* (Tokyo), 64:700-703. [Japan] [in Japanese]
- Kawasaki, E.**
 1996. Larva *Papilio protenor* feeding on the leaf of *Viola sororia*. *Yadoriga* (Osaka), 167:19. [Japan] [in Japanese]
- Kocman, S.**
 1996. Some new subspecies of the genus *Parnassius* and *Coenonympha* from China (Lepidoptera: Papilionidae, Satyridae). *Lambill.* (Tervuren), 96:37-42.
- Kôda, N.**
 1996. *Luehdorfia japonica*: current situation and conservation status in Aichi Prefecture. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 86-91. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue). [Japan]
- Lederhouse, R. C., and J. M. Scriber**
 1996. Intrasexual selection constrains the evolution of the dorsal color pattern of male black swallowtail butterflies, *Papilio polyxenes*. *Evol.* (Lawrence), 50:717-722. [USA]
- Löbel, H.**
 1996. Die Osterluzeifalter der Gattung *Allancastris* (*Allancastris cerisyi* Godart, 1824 und *Allancastris deyrollei* Oberthür, 1869) sowie *Archon apollinus* (Herbst, 1798) als charakteristische Kulturfolger extensiver Landwirtschaft in der Türkei: Freilandbeobachtungen der Raupen und Falter (Lepidoptera, Papilionidae). *Mitt. Thüringer Ent.* (Kranichfeld), 3:4-7. [Turkey]
- Matsumura, T.**
 1996a. *Luehdorfia puziloi* at Mt. Akagi, Gunma Prefecture. *Yadoriga* (Osaka), 165:20-21. [Japan] [in Japanese]
 1996b. Conservation of *Luehdorfia puziloi* at Mt. Akagi. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 168-171. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue). [Japan]
- Nanba, M.**
 1996a. Protection of *Luehdorfia japonica*: a report from Okutsa-cho, Okayama Prefecture. *Yadoriga* (Osaka), 165:17-19. [Japan] [in Japanese]
 1996b. Status and conservation of a natural habitat for *Luehdorfia japonica* in Okutsu-cho, Okayama Prefecture. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 174-175. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue). [Japan]
- Nicholls, C. N., and R. James**
 1996. Host selection and juvenile survivorship in the swallowtail butterfly *Papilio machaon britannicus* Seitz (Lepidoptera: Papilionidae). *Ent. Gaz.* (Wallingford), 47:71-86. [England]
- Quivron, D.**
 1996. Élevage de *Papilio machaon emisphyrus* Vrtý et comparaison avec la forme nominale (Lepidoptera Papilionidae). *Alexanor* (Paris), 19:275-276. [France: Corsica]
- Sánchez-Rodríguez, J. F., and A. Baz**
 1996. Decline of *Parnassius apollo* in the Sierra de Guadarrama, central Spain (Lepidoptera: Papilionidae). *Holarctic Lepid.* (Gainesville), 3:31-36.
- Scriber, J. M.**
 1996. Tiger tales: natural history of native North American swallowtails. *Amer. Ent.* (Lanham), 42:19-32.
- Seta, K.**
 1996. A study on hybridization of *Atrophaneura alcinous alcinous* (Klug) and *Atrophaneura alcinous bradani* (Fruhstorfer) (Lepidoptera, Papilionidae). *Trans. Lepid. Soc. Japan* (Osaka), 47:189-193. [Japan] [in Japanese]
- Sotshivko, A. V., and L. V. Kaabak**
 1996. A new subspecies of *Parnassius staudingeri* A. Bang-Haas, 1882 from the Sarykolsky Mountain ridge in Tadzhikistan (Lepidoptera, Papilionidae). *Atalanta* (Munich), 27:199-202, pl. 2b.
- Takahashi, Y.**
 1996a. *Luehdorfia japonica* distributed along the Fuji River. *Yadoriga* (Osaka), 165:5-10. [Japan] [in Japanese]
 1996b. *Luehdorfia puziloi inexpecta* at the Taikakuzan Nature Observation Forest, Sendai. *Yadoriga* (Osaka), 166:5-10. [Japan] [in Japanese]
- Tanaka, B.**
 1996. Habitats of *Luehdorfia japonica* Leech in Toyota-Kamo Broad Area, Aichi Prefecture. In B. Tanaka and Y. Arita (eds.), *Decline and Conservation of Butterflies in Japan IV*, 39-48. Tokyo: Lepid. Soc. Japan. [Japan] [in Japanese]
- West, D. A., and W. N. Hazel**
 1996. Natural pupation sites of three North American swallowtail butterflies: *Eurytides marcellus* (Cramer), *Papilio cresphontes* Cramer, and *P. troilus* L. (Papilionidae). *J. Lepid. Soc.* (Los Angeles), 50:297-302. [USA]
- Wohlfahrt, T. A.**
 1996. Vergleichende Untersuchungen über die Grösse und Form der Augenflecken am Analwinkel der Hinterflügel von *Iphiclidus podalirius podalirius* (Linnaeus, 1758) und *I. podalirius feisthamelii* (Duponchel, 1823) (Insecta, Lepidoptera, Papilionidae). *Spixiana* (Munich), 19:281-288. [Europe]
- Yoshio, M., and M. Ishii**
 1996. Rearing larvae of the great mormon butterfly, *Papilio memnon* L. (Lepidoptera: Papilionidae), on artificial diet. *Japan. J. Ent.* (Tokyo), 64:30-34. [Japan]
- PIERIDAE**
Abadjiev, S., and S. Beshkov
 1996. *Gonepteryx farinosa* (Zeller, 1847) and *Pieris krueperi* Staudinger, 1860 confirmed for Albania, with a list of species observed in June 1995 (Lepidoptera: Papilionoidea). *Phegea* (Antwerp), 24:81-82.
- Ae, S. A.**
 1996. A study of hybridization between *Colias erate* and *C. eurytheme* (Pieridae). *J. Lepid. Soc.* (Los Angeles), 50:345-347. [Japan; USA]
- Bissoondath, C. J., and C. Wiklund**
 1996. Effect of male mating history and body size on ejaculate size and quality in two polyandrous butterflies, *Pieris napi* and *Pieris rapae* (Lepidoptera: Pieridae). *Funct. Ecol.* (Oxford), 10:457-464. [Canada]
- Bollino, M., F. Vitale, and G. Sala**
 1996. Note su *Anthocaris damone* Boisduval e *A. euphenoides* Staudinger dell'Italia meridionale con descrizione di una nuova sottospecie (Lepidoptera, Pieridae). *Lambill.* (Tervuren), 96:31-36 [Italy]
- Brunton, C. F. A., P. J. C. Russell, and M. E. N. Majerus**
 1996. Variation in ultraviolet wing patterns of brimstone butterflies (*Gonepteryx*: Pieridae) from Madeira and the Canary Islands. *Ent.* (London), 115:30-39.
- Casini, P. M.**
 1996. Deux nouvelles stations d'*Euchloe tagis* (Hübner, 1804) en Italie centrale. Élevage d'*Euchloe tagis calvensis* Casini (1993), *Euchloe ausonia* (Hübner, 1804) et *Anthocharis cardamines* (Linnaeus, 1758) au Mont Calvi (Livorno, Italie centrale) (Lepidoptera: Pieridae). *Linn. Belg.* (Vilvoorde), 15:275-280. [Italy]
- Coutsis, J. G., and T. W. Tolman**
 1996. On the taxonomic status of *Pontia beckerii* (Edwards, 1871) (Lepidoptera: Pieridae). *Linn. Belg.* (Vilvoorde), 15:271-272. [USA; Europe]
- Embacher, G.**
 1996. Beitrag zur Verbreitung und Biologie von *Leptidea sinapis* (Linnaeus, 1758) und *L. reali* Reissinger, 1989 (Lepidoptera: Pieridae, Dismorphinae). *Zeit. Arbeitsgem. Österr. Ent.* (Vienna), 48:101-112. [Austria]
- Göhl, K., and U. Buchsbaum**
 1996. *Leptidea reali* Reissinger, 1989 auch in Thüringen (Lepidoptera, Pieridae). *Mitt. Thür. Ent.* (Kranichfeld), 3:46-55. [Germany]
- Grieshuber, J.**
 1996a. Die Subspezifische Gliederung von *Colias nina* Fawcett und Beschreibung einer neuen Unterart (Lepidoptera: Pieridae). *Lambill.* (Tervuren), 96:552-560. [Tibet]
 1996b. Zur Artgleichheit von *Colias diva* Gr.-Grsh. 1891, *C. heos vespera* O. B.-H. 1927 und *Colias heos thia* I. B.H. 1934 (Lepidoptera: Pieridae). *Lambill.* (Tervuren), 96:597-606. [China]

Hashimoto, K.

1996. Photoperiodic reaction of the Okinawa population in the white cabbage butterfly, *Pieris rapae crucivora* Boisduval (Lepidoptera: Pieridae). *Trans. Lepid. Soc. Japan* (Osaka), 47:118-122. [in Japanese]

Hern, A., G. Edwards-Jones, and R. G. McKinlay

1996. A review of the pre-oviposition behaviour of the small cabbage white butterfly, *Pieris rapae* (Lepidoptera: Pieridae). *Ann. Appl. Biol.* (Wellesbourne), 128:349-371. [UK]

Jutzeler, D., L. Russo, and E. de Bros

1996. Écologie et premiers états d'*Euchloe insularis* (Staudinger, 1861) des Monti del Gennargentu (Sardaigne) (Lepidoptera: Pieridae). *Linn. Belgica* (Vilvoorde), 15:214-218. [Italy]

Kharbull, B.

1996. Effect of different plants on life cycle of *Pieris napi montana* Verity. *Geobios* (Jodhpur), 23:269-270. [India]

Kingsolver, J. G.

1996. Experimental manipulation of wing pigment pattern and survival in western white butterflies. *Amer. Nat.* (Chicago), 147:296-306. [USA]

Kristal, P. M., and W. A. Nässig

1996. Korrektur zur Meldung über das Vorkommen von *Leptidea reali* Reissinger 1989 in Deutschland und einigen anderen Ländern (Lepidoptera: Pieridae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 17:259-261. [Germany]

Lauer, M. J., J. J. Krupa, K. E. Haskins, and D. G. Miller

1996. New county records for the West Virginia white (Lepidoptera: Pieridae: *Pieris virginiensis*) in Kentucky. *Trans. Kentucky Acad. Sci.* (Lexington), 57:128-129. [USA]

Leestmans, R., and R. Mazel

1996. Sur la répartition géographique et l'écologie de *Leptidea morsei* (Fenton, 1882), espèce nouvelle pour la faune de Turquie (Lepidoptera: Pieridae). *Linn. Belg.* (Vilvoorde), 15:293-300. [Turkey]

Lukhtanov, V. A.

1996. Eine neue Art der Gattung *Pieris* Schrank, 1801 aus Kirgisien (Lepidoptera, Pieridae). *Atalanta* (Munich), 27:211-221, pl. 5. [Kirghizstan]

Mazel, R., and R. Leestmans

1996. Relations biogéographique, écologiques et taxinomiques entre *Leptidea sinapis* Linné et *L. reali* Reissinger en France, Belgique et régions limitrophes (Lepidoptera: Pieridae). *Linn. Belg.* (Tervuren), 15:317-328.

Moritz, K.

1996. New observations and reports on *Colias erate* and *Colias crocea*. *Ent. NachrBl.* (Vienna), 3:13-14. [Germany] [in German]

Nowak, G.

1996. Ein Wanderzug von *Aporia crataegi* (Linnaeus, 1758) in Nordostoberfranken (Lepidoptera, Pieridae). *Atalanta* (Munich), 27:85-86. [Germany]

Olivares, F. J., and J. L. Jiménez

1996. *Euchloe bazae* Fabiano 1993 bona species (Lepidoptera: Pieridae). *Linn. Belgica* (Vilvoorde), 15:191-202. [Spain]

Pennington, M. G.

1996. The large white butterfly *Pieris brassicae* (L.) (Lep.: Pieridae) in Shetland. *Ent. Rec. J. Var.* (Surrey), 108:137-139. [England]

Rudnick, K.

- 1996a. Beobachtungen zu Pieridenvorkommen in Mecklenburg-Vorpommern nebst Anmerkungen auch zu anderen Gebieten im Jahre 1994 (Lepidoptera, Pieridae). *Atalanta* (Munich), 27:87-93. [Germany]

- 1996b. Beobachtungen zum Wanderverhalten von *Pieris brassicae* und *Pieris rapae* auf dem Darss (Mecklenburg-Vorpommern) im Jahre 1994 (Lepidoptera, Pieridae). *Atalanta* (Munich), 27:95-97. [Germany]

Tsubuki, T., and T. Takizawa

1996. Flight activities of *Colias erate* (Lepidoptera, Pieridae) in high and low altitudes. *Trans. Lepid. Soc. Japan* (Osaka), 47:17-28. [Japan]

Tusov, V. K.

1996. Checklist of the genus *Delias* Hübnber, 1819 (Lepidoptera, Pieridae). *Actias* (Moscow), 2:111-123. (1995) [Indo-Australia]

Verhulst, J.

- 1996a. Fiches spécifiques des *Colias* F. (Lepidoptera, Pieridae). *Lambill.* (Tervuren), 96:129-136. [Afghanistan, Tadjikistan, Turkmenia]

- 1996b. Fiches spécifiques des *Colias* F. (Lepidoptera, Pieridae). *Lambill.* (Tervuren), 96:210-214. [China]

- 1996c. Fiches spécifiques des *Colias* F. (Lepidoptera, Pieridae). *Lambill.* (Tervuren), 96:355-356. [Tibet]

- 1996d. Fiches spécifiques des *Colias* Fabricius (Lepidoptera, Pieridae). *Lambill.*

(Tervuren), 96:506-514. [Turkey; Central Asia]

- 1996e. Fiches spécifiques des *Colias* F. (Lepidoptera, Pieridae). *Lambill.* (Tervuren), 96:708-713. [Central Asia]

Watanabe, M., and K. Sato

1996. A spermatophore structured in the bursa copulatrix of the small white *Pieris rapae* (Lepidoptera, Pieridae) during copulation, and its sugar content. *J. Res. Lepid.* (Beverly Hills), 32:26-36 (1993). [Japan]

Watanabe, M., and Y. Nakanishi

1996. Population structure and dispersals of the sulfur butterfly *Colias erate* (Lepidoptera: Pieridae) in an isolated plain located in a cool temperate zone of Japan. *J. Ent.* (Tokyo), 64:17-29.

Wiklund, C., V. Lindfors, and J. Forsberg

1996. Early male emergence and reproductive phenology of the adult overwintering butterfly *Gonepteryx rhamni* in Sweden. *Oikos* (Copenhagen), 75:227-240.

PLUTELLIDAE

Begum, S., R. Tsukuda, K. Fujisaki, and F. Nakasuji

1996. The effects of wild cruciferous host plants on morphology, reproductive performance and flight activity in the diamondback moth, *Plutella xylostella* (Lepidoptera: Plutellidae). *Res. Pop. Ecol.* (Kyoto), 38:257-263. [Japan]

Idris, A. B., and E. J. Grafius

1996. Evidence of pre-imaginal overwintering of diamondback moth, *Plutella xylostella* (Lepidoptera: Plutellidae) in Michigan. *Gt. Lakes Ent.* (East Lansing), 29:25-30. [USA]

Justus, K. A., and B. K. Mitchell

1996. Oviposition site selection by the diamondback moth, *Plutella xylostella* (L.) (Lepidoptera: Plutellidae). *J. Insect Behavior* (Ottawa), 9:887-898. [Canada]

Shirai, Y.

- [1996]. Longevity, flight ability and reproductive performance of the diamondback moth, *Plutella xylostella* (L.) (Lepidoptera: Yponomeutidae), related to adult body size. *Res. Pop. Ecol.* (Kyoto), 37:269-277. [Japan]

1996. Seasonal trend in body size and number of male *Plutella xylostella* (L.) in unusually cool and hot summer years. *Japan. J. Appl. Ent. Zool.* (Tokyo), 40:247-249. [Japan] [in Japanese]

Uematsu, H.

1996. Inter-leaf movement of larvae of diamondback moth, *Plutella xylostella* L. (Lepidoptera: Yponomeutidae) on rape (*Brassica napus*) seedlings. *Japan. J. Appl. Ent. Zool.* (Tokyo), 40:35-38. [Japan] [in Japanese]

PRODOXIDAE

Kozlov, M. V.

1996. Incurvariidae and Prodoxidae (Lepidoptera) from Siberia and the Russian Far East, with descriptions of two new species. *Ent. Fenn.* (Helsinki), 7:55-62.

Pellmyr, O., J. N. Thompson, J. M. Brown, and R. G. Harison

1996. Evolution of pollination and mutualism in the yucca moth lineage. *Amer. Naturalist* (Chicago), 148:827-847. [USA]

PSYCHIDAE

Byun, B. K., G. J. Weon, S. G. Lee, and B. Y. Lee

1996. A psychid species, *Acanthopsyche nigraplaga* Wileman (Lepidoptera, Psychidae) new to Korea. *Korean J. Appl. Ent.* (Suwon), 35:15-17.

Dierl, W.

1996. Der Familienstatus von *Lypusa maurella* Denis und Schiffermüller, 1775 (Insecta, Lepidoptera). *Spixiana* (Munich), 19:39-42. [Europe]

Hättenschwiler, P.

- 1996a. *Dahlica wehrlii* (Müller-Rutz, 1920) wieder gefunden. Beschreibung des Weibchens und Ergänzungen zur Kenntnis des Männchens und der Ökologie (Lepidoptera, Psychidae). *Nota Lepid.* (Munich), 18:225-232 (1995). [Switzerland]

- 1996b. Eine neue *Montanima*-Art aus dem Altai-Gebiet (Lepidoptera, Psychidae). *Nota Lepid.* (Munich), 18:233-238 (1995). [Russia]

- 1996c. Eine neue, im Februar-März fliegende *Ptilocephala*-Art aus dem südlichen Spanien (Lepidoptera, Psychidae). *Nota Lepid.* (Munich), 18:239-246 (1995). [Spain]

- 1996d. *Sciopetris karsholti*, eine neue psychide aus Tunesien (Lepidoptera, Psychidae). *Nota Lepid.* (Munich), 19:107-112. [Tunisia]

- Hauser, E.**
1996a. Eine neue Schmetterlingsart aus Kreta: *Peloponnesia haettenschwileri* n. sp. (Lepidoptera: Psychidae). *Ent. Zeit.* (Frankfurt), 106:58-67. [Greece]
1996b. Ein neues Subgenus und eine neue Art aus Kreta: *Reisseronia* (*Tsikalaria*) *malickyi* (Lepidoptera: Psychidae). *Ent. Zeit.* (Frankfurt), 106:433-439. [Greece]
- Henderickx, H.**
1996. A new *Luffia* from La Gomera (Canaries): *Luffia gomerensis* sp.n. (Lepidoptera: Psychidae). *Phegea* (Antwerp), 24:131-135. [Canary Is.]
- Pelz, V., and H. Schumacher**
1996. *Luffia lapidella* (Goeze, 1783) f. *ferchaultella* (Stephens, 1850) auch in Nordrhein-Westfalen und an der Untermosel (Lep., Psychidae). *Melanargia* (Leverkusen), 8:36-37. [Germany]
- Sobczyk, T.**
1996. *Dahlica charlottae* (Meier, 1957) – eine für Ostdeutschland neue Psychide (Lep., Psychidae). *Ent. Nachr. Ber.* (Dresden), 40:55-56. [Germany]
- Solyanikov, V. P.**
1996. New species of psychid moths of the genus *Acanthopsyche* Heyl. (Lepidoptera, Psychidae) from Central Asia, Kazakhstan and Altai. *Ent. Obozr.* (Moscow), 75:132-138. [in Russian]
- Stadie, D.**
1996. Ein für Thüringen "neuer" Zwerge-Sachträger aus der Gattung *Dahlica* Enderlein, 1912 (Lep., Psychidae). *Ent. Nachr. Ber.* (Dresden), 40:67. [Germany]
- Weidlich, M.**
1996a. Eine neue Psychide aus Nordungarn – *Brevantennia herrmanni* n. sp. (Lep., Psychidae). *Ent. Nachr. Ber.* (Dresden), 40:165-168. [Hungary]
1996b. Psychid studies in Central Asia: I. Description of a new *Siederia* from the Uzbek West Tianshan (Central Asia) (Lepidoptera: Psychidae). *Linzer Biol. Beitr.* (Linz), 28:1073-1082. [Uzbekistan] [in German]
- PTEROPHORIDAE**
- Bigot, L.**
1996. *Stangeia siceliota* (Zeller, 1847) et *S. ononidis* (Zeller, 1852), espèces distinctes (Lep., Pterophoridae). *Bull. Soc. Ent. Fr.* (Paris), 101:74. [France, Morocco, Portugal, Spain]
- Bjørnstad, A., and L. Aarvik**
1996. *Calyciphora albodactylus* (Fabricius, 1794) (Lep., Pterophoridae) in Norway. *Fauna Norv.* (Trondheim), (B) 43:101-103.
- Hart, C.**
1996. The status of *Crombrugghia laetus* (Zeller, 1847) (Lep.: Pterophoridae) in Britain with a review of known records and notes on its separation from *C. distans* (Zeller, 1847). *Ent. Rec. J. Var.* (Surrey), 108:113-117, pl. B. [England]
- Kanbara, N., and K. Yano**
1996. Life history of *Oidaematophorus hirosakianus* (Matsumura) (Lepidoptera: Pterophoridae). *Trans. Lepid. Soc. Japan* (Osaka), 47:69-82. [Japan]
- Nel, J.**
1996. Clé de détermination des Pterophoridae de France par les premières états (Lepidoptera, Pterophoridae). *Bull. Soc. Ent. Fr.* (Paris), 101:171-199.
- Scholz, A.**
1996. Ein Beitrag zur Biologie und Verbreitung von *Capperia lorana* (Fuchs, 1895) (Lepidoptera, Pterophoridae). *Atalanta* (Munich), 27:4110419, pl. 8b. [Europe]
- Ustjuzhanin, P. Y.**
1996. Plume moths of Siberia and the Russian Far East (Lepidoptera, Pterophoridae). *Atalanta* (Munich), 27:345-409.
- PYRALIDAE**
- Agassiz, D. J. L.**
1996. *Eccopisa effractella* Zeller (Lepidoptera: Pyralidae) new to the British Isles. *Ent. Gaz.* (Wallingford), 47:181-183. [England]
- Anderson, P., and J. Lofqvist**
1996. Asymmetric oviposition behaviour and the influence of larval competition in the two pyralid moths *Ephestia kuehniella* and *Plodia interpunctella*. *Oikos* (Copenhagen), 76:47-56. [Sweden]
- Aston, A.**
1996. *Margaritia sticticalis* Linn. (Lep.: Pyralidae) in East Suffolk. *Ent. Rec. J. Var.* (Surrey), 108:42. [England]
- Binder, B. F., and J. C. Robbins**
1996. Age- and density-related oviposition behavior of the European corn borer, *Ostrinia nubilalis* (Lepidoptera: Pyralidae). *J. Insect Behav.* (New York), 9:755-769. [USA]
- Buckingham, G. R., and C. A. Bennett**
1996. Laboratory biology of an immigrant Asian moth, *Parapoinx diminutalis* (Lepidoptera: Pyralidae), on *Hydrilla verticillata* (Hydrocharitaceae). *Fla. Ent.* (Gainesville), 79:353-363. [USA]
- Cagan, L., and J. Tancik**
1996. Egg-laying of the European corn borer, *Ostrinia nubilalis* Hbn. *Ochrana Rostlin* (Prague), 32:277-286. [Slovenia]
- Crisan, A., G. Stan, and V. Chis**
1996. The reproductive and pheromonal behaviour in *Ostrinia nubilalis* Hbn. (Lepidoptera: Crambidae), in laboratory conditions. 3. The olfactometric bioassay of the male response to natural and synthetic pheromone. *Bul. Inform. Soc. Lepid. Rom.* (Cluj), 6:291-304. (1995) [in Romanian]
- Fernández-Yépez, F., J. Clavijo-Albertos, and J. B. Heppner**
1996. Antennal positions in resting pyralid moths (Lepidoptera: Pyraloidea). *Holarctic Lepid.* (Gainesville), 3:67-68.
- Foster, A. P.**
1996. Noteworthy Pyralidae in North Wiltshire. *Ent. Gaz.* (Wallingford), 47:92. [England]
- Frolov, A. N.**
1996. Evolutionary transformations in the European corn borer and allied forms of the genus *Ostrinia* (Lepidoptera, Pyralidae). *Actias* (Moscow), 2:27-43. (1995) [Russia]
- Gambino, P.**
1996. *Dolichovespula* (Hymenoptera: Vespidae), hosts of *Aphomia sociella* (L.) (Lepidoptera: Pyralidae). *J. New York Ent. Soc.*, 103:165-169. [USA]
- Got, B., J. M. Labatte, and S. Piry**
1996. European corn borer (Lepidoptera: Pyralidae) development time model. *Environ. Ent.* (Lanham), 25:310-320. [France]
- Johnson, D. M., and P. D. Stiling**
1996. Host specificity of *Cactoblastis cactorum* (Lepidoptera: Pyralidae), an exotic *Opuntia*-feeding moth, in Florida. *Environ. Ent.* (Lanham), 25:743-748. [USA]
- Landau, D., J. F. Grant, and P. L. Lambdin**
1996. *Dicymolomia julianalis* (Lepidoptera: Pyralidae) on selected hosts in eastern and middle Tennessee. *Environ. Ent.* (Lanham), 25:25-28. [USA]
- Langmaid, J. R.**
1996. A second 'Hampshire' record of *Acrobasis tumidana* ([Denis & Schiffermüller]) (Lepidoptera: Pyralidae). *Ent. Gaz.* (Wallingford), 47:30. [England]
- Leraut, P.**
1996a. Contribution à l'étude des Pyrales de la faune de France (Lepidoptera, Crambidae). *Alexanor* (Paris), 19:215-228. (1995).
1996b. *Zophodia robineaui* sp. n., espèce nouvelle pour la science en France (Lepidoptera Pyralidae). *Alexanor* (Paris), 19:350-352.
- Luquet, G. C.**
1996. Description d'une nouvelle sous-espèce de *Metaxmeste phrygialis* Hübner, 1796. Seizième contribution à l'étude du peuplement en lépidoptères du Mont Ventoux (Vaucluse) (Lepidoptera Crambidae Odontiinae). *Alexanor* (Paris), 19:339-344. [France]
- Murase, M.**
1996. The larva of *Eurrhyarodes accessalis* (Walker) (Pyralidae). *Yugato* (Niigata), 146:91-92. [Japan] [in Japanese]
- Neunzig, H. H., and M. A. Solis**
1996. A new species of *Palatka* Hulst (Lepidoptera: Pyralidae: Phycitinae). *Proc. Ent. Soc. Washington*, 98:64-67. [New Mexico, USA]
- Nishihara, Y., S. Sueyoshi, M. Iwata, Y. Tsuchiya, S. Oga, and T. Kawakami**
[1996]. The fecundity and fertility in the sweet potato vine borer, *Omphisa anastomosalis* Guenée. *Res. Bull. Pl. Prot. Serv. Japan* (Tokyo), 31:121-123. (1995) [Japan] [in Japanese]
- Sasaki, A.**
1996a. *Phlyctaenia coronata* (Hufnagel) (Pyralidae, Pyraustinae) new to the fauna of Japan. *Japan. Heteroc. J.* (Tokyo), 189:234. [in Japanese]
1996b. *Pleuroptya ultimalis* (Walker) (Pyralidae) from Fukushima Pref. *Yugato* (Niigata), 146:101. [Japan] [in Japanese]
- Sasaki, A., and S. Kawahara**
1996. *Atrallata albofascialis* (Treitschke) (Pyralidae, Odontiinae), newly discovered from Japan. *Japan Heteroc. J.* (Tokyo), 188:199-214. [in Japanese]

- Scholtens, B. G., and G. J. Balogh
1996. Spread of *Acentria ephemerella* (Lepidoptera: Pyralidae) in central North America. *Gt. Lakes Ent.* (East Lansing), 29:21-24. [USA]
- Skinner, B.
1996a. Pyralid moths in profile: Part 3 – *Udea fulvalis* (Hübner). *Ent. Rec. J. Var.* (Surrey), 108:108-109. [England]
1996b. Pyralid moths in profile: Part 4 – *Salebriopsis albicilla* (Herrich-Schäffer). *Ent. Rec. J. Var.* (Surrey), 108:110-111. [England]
- Spurgeon, D. W., T. N. Shaver, J. R. Raulston, and P. D. Lingren
1996. Activity patterns of adult Mexican rice borers (Lepidoptera: Pyralidae) in sugarcane. *SW Ent.* (Dallas), 21:23-32. [USA]
- Yamanaka, H.
1996. A new genus and species of the Pyralinae from Japan (Lepidoptera, Pyralidae). *Tinea* (Tokyo), 14:260-263.
- Zhu, J., C. Lofstaedt, and B. O. Bengtsson
1996. Genetic variation in the strongly canalized sex pheromone communication system of the European corn borer, *Ostrinia nubilalis* Hübner (Lepidoptera: Pyralidae). *Genetics* (Bethesda), 144:757-766. [Sweden]
- RHOPALOCERA**
- Abadjiev, S., and S. Beshkov
1996a. *Gonepteryx farinosa* (Zeller, 1847) and *Pieris krueperi* Staudinger, 1860 confirmed for Albania, with a list of species observed in June 1995 (Lepidoptera: Papilionoidea). *Phegea* (Antwerp), 24:81-82.
1996b. Butterflies observed in Albania, April, 1994 (Lep.: Hesperioidea & Papilionoidea). *Ent. Rec. J. Var.* (Surrey), 108:231-232.
- Ae, S. A.
1996. Life with butterflies. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 1-3. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue).
- Ae, S. A., T. Hirowatari, M. Ishii, and L. P. Brower (eds.)
1996. *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue). 217pp.
- Avci, U., and H. Ozbek
1996. Contribution to the knowledge of the Rhopalocera (Lepidoptera) fauna of eastern and northeastern Anatolia of Turkey (families: Papilionidae, Pieridae, Nymphalidae, Satyridae and Hesperidae). *Turkish J. Zool.* (Ankara), 20:361-373.
- Bálint, Z., B. Herczig, M. Hreblay, and A. Uherkovich
1996. Contribution to the knowledge of the butterfly fauna of the northeastern Caucasus region (Lepidoptera: Rhopalocera and Hesperidae). *Linn. Belg.* (Vilvoorde), 15:348-355. [Georgia]
- Balletto, E.
[1996]. Endemism, areas of endemism, biodiversity and butterfly conservation in the Euro-Mediterranean area. *Boll. Museo Reg. Sci. Nat.* (Turin), 13:445-491 (1995).
- Bollino, M., F. Vitale, G. Sala, D. Cesaroni, and V. Sbordonì
1996. A check-list of Papilionoidea (Lepidoptera, Rhopalocera) from Erymanthos Oros (Greece, Pelopónnisos). *Linn. Belg.* (Vilvoorde), 15:242-248.
- Brian, M. D.
1996. Collecting notes 1995. *Ent. Rec. J. Var.* (Surrey), 108:65-67. [England]
- Brink, H. van den, and H. van Oorschot
1996. Additions and corrections to "Die Tagfalter der Türkei". 1. Interesting observations of butterflies in Turkey during the 37th expedition of the "Werkgroep Grieks-Turkse dagvlinders" (Lepidoptera: Hesperidae, Pieridae, Lycaenidae). *Phegea* (Antwerp), 24:19-23. [Turkey]
- Brown, G. H., and F. M. Brown
1996. *Chasing Butterflies in the Colorado Rockies with Theodore Mead in 1871*. Florissant: Pikes Peak Res. Sta. (Bull. 3). 74pp.
- Cook, P. A., and N. Wedell
1996. Ejaculate dynamics in butterflies: a strategy for maximizing fertilization success? *Proc. Roy. Soc. London*, (B. Biol. Sci.) 263:1047-1051. [Sweden]
- Coutsis, J. G.
1996. Additional butterfly records from the Greek islands of Santoríni and Siroi (Lepidoptera: Papilionoidea). *Phegea* (Antwerp), 24:13-16.
- Dantchenko, A., S. Andreev, A. Tchuvilin, and A. Sourakov
1996. Notes on butterfly collecting in a natural steppe reserve in central Russia (Lepidoptera, Rhopalocera). *Atalanta* (Munich), 27:649-656, pl. 12.
- Dennis, R. L. H., and P. Bardell
1996. The impact of extreme weather events on local populations of *Hipparchia semele* (L.) (Nymphalidae) and *Plebejus argus* (L.) (Lycaenidae): hindsight, inference and lost opportunities. *Ent. Gaz.* (Wallingford), 47:211-225. [Great Britain]
- Dennis, R. L. H., and T. G. Shreeve
1996. *Butterflies on British and Irish Offshore Islands: Ecology and Biogeography*. Wallingford: Gem Publ. 131pp.
- Eitschberger, U., and H. Steiniger
1996a. Papilionidae und Pieridae [1994]. *Atalanta* (Munich), 27:15-27 [Germany]
1996b. Papilionidae und Pieridae 1995. *Atalanta* (Munich), 27:485-493. [Germany]
- Emmel, T. C., A. Sourakov, and A. Dantchenko
1996. A butterfly expedition to Armenia. *Holarctic Lepid.* (Gainesville), 3:37-41.
- Essayan, R.
1996. Comptabilité journalière des papillons de jour de Bourgogne: richesse spécifique et phénologie cumulée (Hesperioidea et Papilionoidea). *Alexanor* (Paris), 19:372-374. [France]
- Fuchs, J.
1996. Zwei Wochen Schmetterlingsbeobachtungen auf Zypern (4.-18.6.1995) (Lep., Rhopalocera). *Galathea* (Nuremberg), 12:57-62. [Cyprus]
- Fujii, H., and M. Ishii
1996. Census of Japanese butterflies conducted by the Lepidopterological Society of Japan. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 106-109. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue).
- Fukuda, H.
1996. The present status of some butterflies in the southernmost habitats of their range and their conservation in southern Kyushu. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 99-105. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue). [Japan]
- Gaskin, D. E.
1996a. Research on Grecian butterflies: a bibliography. *Ent. Rec. J. Var.* (Surrey), 108:49-61. [Greece]
1996b. Hesperioidea and Papilionoidea of the Ionian island of Kefaloniá, Greece: additional species and a review of faunal components (Lepidoptera). *Nota Lepid.* (Munich), 18:213-223 (1995).
- Hagen, W. ten
1996. Tagfalterbeobachtungen in Syrien und Jordanien (2. Beitrag) (Lepidoptera: Papilionoidea, Hesperioidea). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 17:123-142. [Middle East]
- Hama, E.
1996. Thriving and survival of butterflies in the habitat on dry riverbed. In B. Tanaka and Y. Arita (eds.), *Decline and Conservation of Butterflies in Japan IV*, 157-172. Tokyo: Lepid. Soc. Japan. [Japan] [in Japanese]
- Hanus, J.
1996. New butterfly taxa from Kirghizia (Lepidoptera, Rhopalocera). *Atalanta* (Munich), 27:203-210, pl. 3-4. [Nymphalidae, Papilionidae]
- Hardesty, R. L., and D. R. Groothuis
1996. Butterflies of the Laramie Mountains, Wyoming (Lepidoptera: Rhopalocera). *J. Res. Lepid.* (Beverly Hills), 32:107-123 (1993). [USA]
- Hauser, E.
1996. Vergleichende Analyse der Zönosen tagaktiver Schmetterlinge im Sengengebirge (Oberösterreich) (Lepidoptera). *Nota Lepid.* (Munich), 18:247-265 (1995). [Austria]
- Hirowatari, T.
1996. Butterfly communities in "Mt. Mikusa Coppice for Zephyrus." In B. Tanaka and Y. Arita (eds.), *Decline and Conservation of Butterflies in Japan IV*, 31-37. Tokyo: Lepid. Soc. Japan. [Japan] [in Japanese]
- Holland, R., and S. J. Cary
1996. Butterflies of the Jemez Mountains of northern New Mexico. *J. Lepid. Soc.* (Los Angeles), 50:61-79. [USA]
- Holloway, J. D.
1996. The butterflies (Lepidoptera) of the northern Aegean island of Thásos. *Ent. Gaz.* (Wallingford), 47:143-149. [Greece]

- Hrabák, R., and D. Povolný**
1996. Interesting butterflies of the Czech Republic. *Holarctic Lepid.* (Gainesville), 3:1-6.
- Ichimura, T.**
1996. Thermoregulation of the two butterfly species, *Colias erate* (Esper) (Lepidoptera, Pieridae) and *Ypthima argus* Butler (Lepidoptera, Satyridae) around riverside. In B. Tanaka and Y. Arita (eds.), *Decline and Conservation of Butterflies in Japan IV*, 141-155. Tokyo: Lepid. Soc. Japan. [Japan] [in Japanese]
- Ishii, M.**
1996a. Species diversity of butterfly communities in different environment of forests in southern Osaka. In B. Tanaka and Y. Arita (eds.), *Decline and Conservation of Butterflies in Japan IV*, 57-62. Tokyo: Lepid. Soc. Japan. [Japan] [in Japanese]
1996b. Decline and conservation of butterflies in Japan. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 157-167. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue).
- Jong, R. de, R. I. Vane-Wright, and P. R. Ackery**
1996. The higher classification of butterflies (Lepidoptera): problems and prospects. *Ent. Scand.* (Copenhagen), 27:65-101.
- Knill-Jones, S. A., and B. J. Angell**
1996. Exotic and rare migrant butterflies recorded on the Isle of Wight 1995. *Ent. Rec. J. Var.* (Surrey), 108:143-144. [UK]
- Knopp, D., and L. Larkin**
1996. Some butterfly records from the Ryder lake uplands, Chilliwack District, British Columbia, Canada (Lepidoptera: Hesperioidea, Papilionoidea). *Opusc. Zool. Flumin.* (Flumserberg), 142:1-7.
- Kuna, G.**
1996. Bemerkenswerte Tagfalterbeobachtungen 1995 in Thüringen. *Mitt. Thür. Ent.* (Kranichfeld), 3:42-45. [Germany]
- Lock, A. A. A.**
1996. Migrant butterflies in south-west England. *Ent. Rec. J. Var.* (Surrey), 108:72.
- Molina, J. M., and J. M. Palma**
1996. Butterfly diversity and rarity within selected habitats of western Andalusia Spain (Lepidoptera: Papilionoidea and Hesperioidea). *Nota Lepid.* (Munich), 18:267-280 (1995).
- Monden, Tôru**
1996. Change of butterfly fauna in relation to transition of vegetation in bogs. In B. Tanaka and Y. Arita (eds.), *Decline and Conservation of Butterflies in Japan IV*, 173-179. Tokyo: Lepid. Soc. Japan. [Japan] [in Japanese]
- Moriyama, H.**
1996. Coppice woods, the wildlife reservoir made in the histories of traditional agriculture. In B. Tanaka and Y. Arita (eds.), *Decline and Conservation of Butterflies in Japan IV*, 77-90. Tokyo: Lepid. Soc. Japan. [Japan] [in Japanese]
- Neck, R. W.**
1996. *A Field Guide to Butterflies of Texas*. Houston: Gulf Publ. 323pp, 64 pl. [USA]
- New, T. R.**
1996a. Evaluating the status of butterflies for conservation. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 4-21. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue).
1996b. Progress in butterfly conservation in Australia. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 116-127. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue).
- Olivier, A.**
1996. The butterflies of the Greek island of Kálimnos (Lepidoptera: Hesperioidea & Papilionoidea). *Phegea* (Antwerp), 24:149-156.
- Olivier, A., and R. De Prins**
1996. The butterflies of the Greek island of Kós: a synthesis (Lepidoptera: Hesperioidea & Papilionoidea). *Nota Lepid.* (Munich), 19:185-211.
- Parker, R., and P. Jaksic**
1996. The butterflies of Stara Planina (Serbia) with emphasis on *M. jurtina* Linnaeus. *Brit. J. Ent. Nat. Hist.* (Reading), 9:93-101.
- Paulus, H. F., and H. W. Krenn**
1996. Comparative morphology of the butterfly proboscis and its sensilla: A contribution to the phylogenetic systematics of Papilionoidea (Insecta, Lepidoptera). *J. Zool. Syst. Evol. Res.* (Vienna), 34:203-216. [in German]
- Pellecchia, M., and L. Pizzetti**
1996. Note sulla lepidottero fauna degli Appennini settentrionali e centrali (Rhopalocera e Heterocera). *Lambill.* (Tervuren), 96:318-323. [Italy]
- Pennington, M.**
1996. Camberwell beauties *Nymphalis antiopa* (L.) (Lep. Nymphalidae) and swallowtails *Papilio machaon* L. (Lep.: Papilionidae) in Shetland. *Ent. Rec. J. Var.* (Surrey), 108:67-68. [England]
- Peterson, M. A.**
1996. Host plant phenology and butterfly dispersal: Causes and consequences of uphill movement. *Ecology* (Washington), 78:1167-180.
- Pullin, A. S.**
1996. Restoration of butterfly populations in Britain. *Restoration Ecol.* (Cambridge), 4:71-80. [UK]
- Ross, G. N.**
1996. Butterfly predators. *Holarctic Lepid.* (Gainesville) 3:66. [USA]
- Schneider, K.**
1996. Butterflies in wintertime: observations at the Buchenbühl in the Nuremberg Reichswald. In *Natur und Mensch 1995*, 33-34. Nuremberg: Naturhist. Ges. Nuremberg. [Germany] [in German]
- Schwarz, K. A., R. A. Worth, and T. C. Emmel**
1996. Conservation of two threatened south Florida butterflies and their host plants (Lepidoptera: Lycaenidae, Nymphalidae). *Holarctic Lepid.* (Gainesville), 3:59-61. [USA]
- Sei, K.**
1996. The butterfly habitats on the riverside. In B. Tanaka and Y. Arita (eds.), *Decline and Conservation of Butterflies in Japan IV*, 113-117. Tokyo: Lepid. Soc. Japan. [Japan] [in Japanese]
- Shields, O.**
1996. Geographic isolation in southwestern North American butterflies (Lepidoptera, Rhopalocera). *Nachr. Ent. Ver. Apollo* (Frankfurt), 17:71-92. [USA]
- Sibatani, A., et al.** (editors)
1996. *Urban Life with Butterflies Around II*. Tokyo: Lepid. Soc. Japan. 44pp. [Japan]
- Stefanescu, C., M. Lockwood, and M. Cebolla**
1996. The butterfly assemblages of northeastern Spanish wetlands. *Nota Lepid.* (Munich), 19:165-184.
- Steffan-Dewnter, I., and T. Tscharrntke**
1996. Early succession of butterfly and plant communities on set-aside fields. *Oecologia* (Berlin), 109:294-302. [Germany]
- Sunose, T.**
1996. Environmental evaluation for butterfly assemblages. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 110-115. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue). [Japan]
- Sutcliffe, O. L., C. D. Thomas, and D. Moss**
1996. Spatial synchrony and asynchrony in butterfly population dynamics. *J. Anim. Ecol.* (Oxford), 65:85-95. [UK]
- Swengel, A. B.**
1996. Effects of fire and hay management on abundance of prairie butterflies. *Biol. Conserv.* (London), 76:73-85. [USA]
- Tanaka, B., and Y. Arita** (eds.)
1996. Introduction. In *Decline and Conservation of Butterflies in Japan IV*, 1-29. Osaka: Lepid. Soc. Japan. [in Japanese]
- Tarrier, M.**
1996a. Compte rendu de deux cents jours de lépidoptérologie au Maroc (Lepidoptera Papilionoidea). *Alexanor* (Paris), 19:67-144 (1995). [Morocco]
1996b. Nouveaux taxa des Atlas marocains (Lepidoptera Rhopalocera). *Alexanor* (Paris), 19:195-213 (1995). [Morocco]
1996c. Protection des habitats. Feu la sierra d'Alfacer (?1834-1993). Une réserve naturelle tristement récréative. *Alexanor* (Paris), 19:252-256 (1995). [Spain]
1996d. Diversité des niches et préférences écologiques dans un biotope du Moyen Atlas (Maroc). *Alexanor* (Paris), 19:261-270. [Morocco]

- 1996e. Hilltopping: rapport sur quelques sites ibéro-maghrébins investis (Lepidoptera Rhopalocera). *Alexanor* (Paris), 19:293-297. [Morocco]
- 1996f. Ravining: approche du phénomène dans le Sud-Ouest paléarctique (Andalousie, Maroc) (Lepidoptera, Papilionoidea). *Alexanor* (Paris), 19:331-338. [Morocco; Spain]
- 1996g. Inventaire des Rhopalocères Papilionoidea d'Andalousie (Espagne) avec distributions provinciales (observations 1984-1994) (Lepidoptera Rhopalocera). *Alexanor* (Paris), 19:353-358. [Spain]
- 1996h. Apports aux catalogues des Rhopalocères des provinces andalouses de Grenade et de Málaga (Espagne) (Lepidoptera Rhopalocera). *Alexanor* (Paris), 19:379-383. [Spain]
- Tashita, M.**
- 1996a. Diversity of butterfly communities according to the embankment works in the Saigawa River. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 194-197. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue). [Japan]
- 1996b. Diversity of butterfly communities in the site with different embankment works. In B. Tanaka and Y. Arita (eds.), *Decline and Conservation of Butterflies in Japan IV*, 119-139. Tokyo: Lepid. Soc. Japan. [Japan] [in Japanese]
- Tennent, J.**
- 1996a. The Tunisian Rhopalocera (Lepidoptera) of Alexandre Chnéour (1884-1977). *Ent. Gaz.* (Wallingford), 47:157-168. [Tunisia]
- 1996b. *The Butterflies of Morocco, Algeria and Tunisia*. Wallingford: Gem. 217pp.
- Thomas, J. A.**
1996. Conserving European butterflies in modern landscapes. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 22-32. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue).
- Tuzov, V. K.**
1996. Notes on the butterflies of West Chukotka (Lepidoptera, Rhopalocera). *Actias* (Moscow), 2:105-109. (1995) [Russia: Siberia]
- Tveten, J., and G. Tveten**
1996. *Butterflies of Houston & Southeast Texas*. Austin: Univ. Texas Pr. 292pp. [USA]
- Wakeham-Dawson, A.**
- 1996a. Butterflies in north-east Greece 2 (4-11 May 1995). *Ent. Rec. J. Var.* (Surrey), 108:85-91.
- 1996b. Interesting butterflies in northern Greece, June 1996. *Ent. Gaz.* (Wallingford), 47:247-251.
- Weller, S. J., D. P. Pashley, and J. A. Martin**
1996. Reassessment of butterfly family relationships using independent genes and morphology. *Ann. Ent. Soc. Amer.* (Lanham), 89:184-192.
- Weon, G. J., B. K. Byun, and B. Y. Lee**
1996. List of species in Insect Collection of Forestry Research Institute, 1. Rhopalocera (Lepidoptera). *FRI J. For. Sci.* (Seoul), 53:28-45. [Korea] [in Korean]
- Yamamoto, M.**
1996. Validation of transect-count method for butterflies. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 198-200. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue). [Japan]
- Yata, O.**
- 1996a. Decline and conservation of butterflies in Fukuoka City, Japan. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 78-85. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue).
- 1996b. Butterfly community in laurel-leaved forest of Yamada Park, Kitakyushu. In B. Tanaka and Y. Arita (eds.), *Decline and Conservation of Butterflies in Japan IV*, 49-56. Tokyo: Lepid. Soc. Japan. [Japan] [in Japanese]
- Zonneveld, C.**
1996. Being big or emerging early? Polyandry and the trade-off between size and emergence in male butterflies. *Amer. Nat.* (Chicago), 147:946-965.
- SATURNIIDAE**
- Cody, J.**
1996. *Wings of Paradise: the Great Saturniid Moths*. Chapel Hill: Univ. N. Carolina Pr. 163pp.
- Collins, M. M., H. B. Britten, and V. Rivers**
1996. Allozyme analysis of a known hybrid zone between *Hyalophora euryalus* and *H. columbia gloveri* (Lepidoptera: Saturniidae) in the California Sierra Nevada. *J. Res. Lepid.* (Beverly Hills), 32:79-88 (1993). [USA]
- Johnson, K. S., D. Snider, and J. M. Scriber**
1996. Estimates of genetic differentiation among *Callosamia* species and *Hyalophora cecropia* (Saturniidae) using allozyme electrophoresis. *J. Lepid. Soc.* (Los Angeles), 50:217-225. [USA]
- Mitamura, T.**
- 1996a. Seasonal occurrence and the timing of flight activity of adults in *Antheraea yamamai* (Guérin-Ménéville) and *Caligula japonica* (Moore). *J. Sericult. Sci. Japan* (Ibaraki), 65:514-516. [Japan] [in Japanese]
- 1996b. Use of wild males for obtaining fertilized eggs in *Antheraea yamamai* breeding. *J. Sericult. Sci. Japan* (Ibaraki), 65:517-518. [Japan] [in Japanese]
- Peigler, R. S.**
- 1996a. A new species of *Saturnia* (Saturniidae) from northern Pakistan. *J. Res. Lepid.* (Beverly Hills), 32:8-15 (1993).
- 1996b. Catalog of parasitoids of Saturniidae of the world. *J. Res. Lepid.* (Beverly Hills), 33:1-121 (1994).
- Ross, D. W.**
1996. Phenology of pandora moth (Lepidoptera: Saturniidae) adult emergence and egg eclosion in central Oregon. *Pan-Pac. Ent.* (San Francisco), 72:1-4. [USA]
- Scriber, J. M.**
1996. Notes on larval growth and efficiencies in *Antheraea: A. polyphemus* and *A. pernyi* (Lepidoptera: Saturniidae). *Holarctic Lepid.* (Gainesville), 3:23-30. [USA]
- Tuskes, P. M., J. P. Tuttle, and M. M. Collins**
1996. *The Wild Silk Moths of North America. A Natural History of the Saturniidae of the United States and Canada*. Ithaca: Cornell Univ. Pr. 250pp, 30 pl.
- SCYTHRIDIDAE**
- Baran, T.**
1996. Studies on the Scythrididae (Lepidoptera) of Poland. II. Records of rare species. *Polsk. Pismo Ent.* (Wroclaw), 65:259-265.
- Bengtsson, B. A.**
1996. Scythridids found by H. Hacker in Pakistan 1988 and India 1992. *Esperiana* (Schwanfeld), 4:467-481.
- Bengtsson, B. A., and J. Liška**
1996. Notes on Asian scythridids with description of four new species (Lepidoptera: Scythrididae). *Phegea* (Antwerp), 24:33-39. [China, Korea, Russia]
- Bengtsson, B. A., and R. Sutter**
1996. *Scythris felix* spec. nov. from Mongolia (Insecta: Lepidoptera: Scythrididae). *Reichenbachia* (Dresden), 31:207-208. [in German]
- Courtois, J.-M.**
1996. Troisième contribution à la connaissance des lépidoptères Scythrididae de France. Qu'en est-il de *Scythris rouxella* Constant, 1865, espèce problématique? (Lepidoptera Scythrididae). *Alexanor* (Paris), 19:367-372. [France]
- Passerin d'Entreves, P.**
1996. Révision des Scythrididae paléarctiques. VI. Les types des Scythrididae du Natural History Museum de Londres, du Muzeul de Historia Naturala "Grigore Antipa de Bucarest et du Zoologisches Museum der Humboldt-Universität de Berlin. (Première partie) (Lepidoptera: Gelechioidea). *Nota Lepid.* (Munich), 18:139-159 (1995). [Europe]
- SESIIDAE**
- Arita, Y., and O. G. Gorbunov**
1996. A record of the host plant and larval biology of *Nokona rubra* Arita and Tosevski, 1992 (Lepidoptera, Sesiidae) from Japan. *Trans. Lepid. Soc. Japan* (Tokyo), 47:103-105.
- Cowles, R. S., J. G. Miller, E. J. Perry, J. S. Mcelfresh, and N. Garrison**
1996. Identification of the sex pheromone of the western poplar clearwing

- moth (Lepidoptera: Sesiidae). *Environ. Ent.* (Lanham), 25:109-113. [USA]
- Flaschka, H. A.**
1996. *Synanthedon* ist ein Femininum, kein Neutrum (Lepidoptera: Sesiidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 17:190.
- Garrevoet, T. C., and B. Vanholder**
1996. *Synanthedon perigordensis* sp. n. (Lepidoptera: Sesiidae). *Phegea* (Antwerp), 24:141-148. [France]
- Göhl, K.**
1996. Tips zur Suche nach Raupen von *Synanthedon andrenaeformis* Lasp. *Mitt. Thür. Ent. (Kraichfeld)*, 3:59. [Germany]
- Gorbunov, O. G., and Y. Arita**
1996a. New data on *Synanthedon pseudoscioleaeformis* Spatenka and Arita, 1992 (Lepidoptera, Sesiidae) in Japan. *Trans. Lepid. Soc. Japan* (Tokyo), 47:111-117.
- Kallies, A., and D. Hamborg**
1996. Wenig bekannte Glasflüglerarten aus Deutschland – Anmerkungen zur Biologie und Verbreitung (Lep., Sesiidae). *Ent. Nachr. Ber.* (Dresden), 40:41-46. [Germany]
- Koehler, J.**
1996. The clear-wing moths (Lepidoptera: Sesiidae) of Hannover's Wendland (eastern Lower Saxony, Germany): *Sesia bembeciformis* and *Synanthedon flaviventris*. *Braunschweiger Naturkund. Schrift.* (Braunschweig), 5:55-70. [in German]
- Pelz, V., and H. Schumacher**
1996. Sesienbeobachtungen aus dem Arbeitsgebiet der Arbeitsgemeinschaft rheinisch-westfälischer Lepidopterologen (Lep., Sesiidae). *Melanargia* (Leverkusen), 8:1-14. [Germany]
- Petersen, M., and F. Rämisch**
1996. Zur Biologie und Verbreitung von *Bembecia vulcanica* (Pinker 1968) auf La Palma, Kanarische Inseln. *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 17:313-321. [Canary Is.]
- Pühringer, F.**
1996. Erstnachweis von *Synanthedon conopiformis* (Esper, 1782) (Goldrandiger Eichenglasflügler) in Salzburg (Lepidoptera, Sesiidae). *NachrBl. Bayer. Ent.* (Munich), 45:80-82. [Austria]
- Sobczyk, T.**
1996. *Synanthedon loranthei* (Králíček, 1966) in Ostdeutschland (Lep., Sesiidae). *Ent. Nachr. Ber.* (Dresden), 40:49-51. [Germany]
- Špatenka, K., O. Gorbunov, Z. Laštůvka, I. Tošovskí, and Y. Arita**
1996. Die Futterpflanzen der paläarktischen Glasflügler (Lepidoptera: Sesiidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), 17:1-20.
- Ströhle, M.**
1996. *Paranthrene insolita* LeCerf, 1914 auch im Regensburger Jura, Oberpfalz, Bayern (Lepidoptera, Sesiidae). *Atalanta* (Munich), 27:343-344. [Germany]
- Tošovskí, I., A. Gassmann, and D. Schroeder**
1996. Description of European *Chamaesphecia* spp. (Lepidoptera: Sesiidae) feeding on *Euphorbia* (Euphorbiaceae), and their potential for biological control of leafy spurge (*Euphorbia esula*) in North America. *Bull. Ent. Res.* (London), 86:703-714.
- Xu, Z.-G., and Y. Arita**
1996. Larval development of *Sesia sinensis* (Hsu) in northern China (Lepidoptera: Sesiidae). *Holarctic Lepid.* (Gainesville), 3:19-21.
- SPHINGIDAE**
- Britton, M.**
1996. My aunt, uncle and two rare hawkmoths. *Ent. Rec. J. Var.* (Surrey), 108:176. [UK]
- Ebert, G.**
1996. *Hyles robertsi elisabethae* nom. nov. pro *Celerio robertsi orientalis* Ebert, 1969 (Lepidoptera, Sphingidae). *Atalanta* (Munich), 27:334. [North Africa]
- Eitschberger, U., F. Danner, and B. Surholt**
1996. *Hemaris diffinis heppneri* nom. nov. pro *Hemaris diffinis jordani* Barnes & Benjamin, 1927 (Lepidoptera, Sphingidae). *Atalanta* (Munich), 27:333. [USA]
- Eitschberger, U., and V. A. Lukhtanov**
1996. Neue Unterarten und Namen bei westpaläarktischen Sphingiden (Lepidoptera, Sphingidae). *Atalanta* (Munich), 27:615-621. [C. Asia]
- Földner, K.**
1996. *Hyles euphorbiae tithymali* (Boisduval 1834) und das Vorkommen auf Fuerteventura (Spanien, Kanarischen Inseln) (Lepidoptera: Sphingidae). *Ent. Zeit.* (Frankfurt), 106:429-430. [Canary Is.]
- Harbich, H.**
1996a. Sphingidae 1994. *Atalanta* (Munich), 27:35-40. [Europe]
1996b. Beschreibung und numerische Erfassung der Struktur der Mikropylarregion von Sphingiden-Eiern – eine erste Zusammenfassung für den *Hyles euphorbiae*-Komplex (Lepidoptera: Sphingidae). *Ent. Zeit.* (Frankfurt), 106:93-100. [Germany]
1996c. Sphingidae 1995. *Atalanta* (Munich), 27:497-502. [Europe]
- Heyden, T. van der**
1996. *Hyles euphorbiae tithymali* Boisduval 1834, auch für Lanzarote, Kanarische Inseln, nachgewiesen (Lepidoptera: Sphingidae). *Ent. Zeit.* (Frankfurt), 106:295-297. [Canary Is.]
- Loeliger, E. A.**
1996a. Rubiginous larvae of *Hyles hippophaes* (Esper, 1793), an autosomal recessive variety (Lepidoptera: Sphingidae). *Nota Lepid.* (Munich), 18:304-305 (1995). [Switzerland]
1996b. Additional experiments to unravel the enigma of *Hyles* hybrid *pauli* Mory (Lepidoptera: Sphingidae). *Nota Lepid.* (Munich), 18:306-307 (1995). [Turkey]
- Loeliger, E. A., and F. Karrer**
1996. Breeding of an F₂ of *Hyles* hybrid *vespertilioides* (Boisduval, 1827) after induction with ecdysone of metamorphosis in diapausal pupae. *Nota Lepid.* (Munich), 19:243-260. [France Switzerland]
- Mehmood, K., M. Yousef, and M. Naeem**
1996. The Sphingidae (Lepidoptera) of the Punjab Province of Pakistan. *Ent. Rec. J. Var.* (Surrey), 108:211-215.
- Nakamura, M.**
1996. The larva and pupa of *Ambulyx cohrecea* Butler (Sphingidae). *Japan Heteroc. J.* (Tokyo), 191-257-259. [Japan] [in Japanese]
- Pelzer, A.**
1996. Illustrierter Bestimmungsschlüssel für die Präimaginalstadien der Schwärmer Europas und Nordafrikas (Lepidoptera: Sphingidae). Teil III: Puppen. *Nota Lepid.* (Munich), 19:230-242. [Europe]
- Pittaway, A. R.**
1996. Observations on the hostplant preferences of *Lathoe populi* (Linnaeus, 1758) (Lepidoptera: Sphingidae). *Ent.* (London), 115:124-128. [England]
- Székely, L., and G. Szabó**
1996. *Hyles hippophaes* (Esper 1793) (Lepidoptera: Sphingidae), verified for the Romanian fauna. *Bul. Infor. Soc. Lepid. Rom.* (Cluj), 6:189-190. (1995) [in Romanian]
- THYATIRIDAE**
- Aston, A.**
1996. *Tetheella fluctuosa* (Hb. (Lep.: Thyatiridae) at Selborne, Hampshire. *Ent. Rec. J. Var.* (Surrey), 108:48. [England]
- TINEIDAE**
- Alexander, K. N. A.**
1996. *Morophaga choragella* ([D. & S.]) (Lepidoptera: Tineidae) in Windsor Forest and Great Park and other records from southern England. *Brit. J. Ent. Nat. Hist.*, 9:165.
- Kuznetsov, V. I., and A. A. Stekol'nikov**
1996. Phylogenetic relations of several subfamilies of true moths (Lepidoptera, Tineidae), based on new data on functional morphology of male genitalia. *Ent. Obozr.* (Moscow), 75:324-337. [Russia] [in Russian]
- Parsons, M. S.**
1996. *Monopis fenestratella* (Heyden, 1863) (Lepidoptera: Tineidae) from Richmond Park, Surrey. *Ent. Gaz.* (Wallingford), 47:19-20. [England]
- Petersen, G., and R. Gaedike**
1996. Revision der Gattung *Neurothaumasia* LeMarchand, 1934 (Insecta: Lepidoptera: Tineidae). *Ent. Abh.* (Dresden), 57:2830294. [Europe]
- Ponomarenko, M. G., and K. T. Park**
1996. Notes on some tineids from Korea and Russian Far East, with description of four new species (Lepidoptera: Tineidae). *Korean J. Appl. Ent.* (Suwon), 35:273-279.
- Provorova, I. N.**
1996. The webbing clothes moth, *Tineola bisselliella* (Humm.) (Lepidoptera, Tineidae, Tineinae), as a polymorphic species. *Actias* (Moscow), 2:53-62. (1995) [Russia]

Sachkov, S. A.

1996. A new and some little-known species of clothes moths (Lepidoptera, Tineidae) from Zhiguli. *Actias* (Moscow), 2:67-75. (1995) [Europe; Central Asia]

TORTRICIDAE

Aston, A.

1996. *Cochylis pallidana* Zell. (Lep.: Tortricidae) new to Hampshire and the Isle of Wight. *Ent. Rec. J. Var. (Surrey)*, 108:42. [England]

Bae, Y.-S.

1996. A new species and four additional records of *Lobesia* from Japan (Lepidoptera, Tortricidae). *Japan. J. Ent.* (Tokyo), 64:526-535.

Bai, J.-W., S. Guo, and M.-Y. Sen

1996. New species of Cochylidae from China (Lepidoptera). *Acta Ent. Sinica* (Beijing), 39:191-195. [in Chinese]

Barker, J. F., and S. Grugel

1996. Oviposition by the banded subflower moth, *Cochylis hospes* (Lepidoptera: Cochylidae) in response to *Helianthus annuus* pollen. *Gt. Lakes Ent.* (East Lansing), 29:77-80. [USA]

Bland, K. P.

1996. Larval stages of *Ancylis tineana* (Hübner) (Lepidoptera: Tortricidae) – anomalous behaviour for an *Ancylis* species. *Ent. Gaz.* (Wallingford), 47:17-18. [England]

Brackenbury, J.

1996. Novel locomotory mechanisms in caterpillars: life-line climbing in *Epinotia abbreviana* (Tortricidae) and *Yponomeuta padella* (Yponomeutidae). *Physiol. Ent.* (London), 21:7-14. [UK]

Brunn, H. H., and H. Krogerus

1996. *Exapate biscuspidella* sp.n., a new species of Tortricidae from northeastern Finland (Lepidoptera). *Ent. Fenn.* (Helsinki), 7:77-86.

Byun, B.-K., Y.-S. Bae, and B.-Y. Lee

- 1996a. Korean species of the genus *Zeiraphera* (Lepidoptera: Tortricidae). *Korean J. Appl. Ent.* (Suwon), 35:193-198.
- 1996b. Seven newly recorded species of the tribe Olethreutini (Lepidoptera: Tortricidae) from Korea. *Korean J. Appl. Ent.* (Suwon), 35:199-204.

Byun, B.-K., K. T. Park, and B.-Y. Lee

- 1996a. Korean species of the tribe Cochylini (Lepidoptera, Tortricidae). *Korean J. Syst. Zool.* (Seoul), 12:1-16.
- 1996b. Five unrecorded species of the subfamily Tortricinae (Lepidoptera, Tortricidae) from Korea. *Korean J. Ent.* (Seoul), 26:229-233.

Castresana, L., and A. Notario

1996. Nota previa sobre un ataque del tortricido *Cacoecimorpha pronubana* (Hübner, [1799]) a brotes de *Pinus halepensis* Miller. *SHILAP Revta. Lepid.* (Madrid), 24:152. [Spain]

Cheesman, O. D.

1996. Life histories of *Cochylis roseana* and *Endothenia gentianaeana* (Lepidoptera: Tortricidae) on wild teasel. *Ent.* (London), 115:65-80. [England]

Dang, P. T., R. W. Duncan, and S. Fitzpatrick

1996. Occurrence of two Palearctic species of *Clepsis* Guenée, *C. spectrana* Treitschke and *C. consimilana* (Hübner) (Tortricidae), in British Columbia, Canada. *J. Lepid. Soc.* (Los Angeles), 50:321-328.

Den Otter, C. J., A. De Cristofaro, K. E. Voskamp, and G. Rotundo

1996. Electrophysiological and behavioural responses of chestnut moths, *Cydia fagiglandana* and *C. splendana* (Lep., Tortricidae), to sex attractants and odours of host plants. *J. Appl. Ent.* (Hamburg), 120:413-421. [Netherlands]

Felland, C. M., L. A. Hull, and B. A. Brett

1996. Bionomics of tufted apple bud moth (Lepidoptera: Tortricidae) in apple orchard ground. *Environ. Ent.* (Lanham), 25:963-971. [USA]

Groenen, F.

1996. *Gravimarmata margarotana*, new to the Dutch fauna (Lepidoptera: Tortricidae). *Ent. Ber.* (Amsterdam), 56:157-158. [in Dutch]

Hancock, E. G.

1996. Another British record of *Cydia amplana* (Hübner) (Lepidoptera: Tortricidae) – a rare vagrant or new coloniser? *Ent. Gaz.* (Wallingford), 47:179-180. [England]

Harvey, G. T.

- 1996a. Population genetics of the spruce budworm, *Choristoneura fumiferana* (Clem.) Freeman (Lepidoptera: Tortricidae), in relation to geographical and population density differences. *Can. Ent.* (Ottawa), 128:219-243.

[Canada]

- 1996b. Genetic relationships among *Choristoneura* species (Lepidoptera: Tortricidae) in North America as revealed by isozyme studies. *Can. Ent.* (Ottawa), 128:245-262. [Canada, USA]

Hrdy, I., F. Kocourek, J. Berankova, and J. Kuldova

1996. Temperature models for predicting the flight activity of local populations of *Cydia funebrana* (Lepidoptera: Tortricidae) in Central Europe. *Eur. J. Ent.* (Prague), 93:568-578. [Czech Rep.]

Huemer, P.

1996. *Dichrorampha dentivalva* sp. n., eine neue Schmetterlingsart aus den österreichischen Alpen (Lepidoptera, Tortricidae). *NachrBl. Bayer. Ent.* (Munich), 45:15-18. [Austria]

Langmaid, J. R.

- 1996a. A previously unrecorded host-plant of *Cydia strobilella* (Linnaeus) (Lepidoptera: Tortricidae). *Ent. Gaz.* (Wallingford), 47:8. [England]
- 1996b. *Cochylis molliculana* Zeller (Lepidoptera: Tortricidae) in Sussex. *Ent. Gaz.* (Wallingford), 47:50. [England]
- 1996c. *Sitotroga cerealella* (Olivier) (Lepidoptera: Gelechiidae) and *Cryptophlebia leucotreta* (Meyrick) (Lepidoptera: Tortricidae) at m.v. light in Hampshire. *Ent. Gaz.* (Wallingford), 47:50. [England]

Langmaid, J. R., and R. J. Heckford

1996. The biology of *Cochylis molliculana* Zeller (Lepidoptera: Tortricidae). *Ent. Gaz.* (Wallingford), 47:15-16. [England]

Leraut, P., and G. C. Luquet

1996. *Archips xylosteana sabrinae* ssp. nov. en France méridionale (Lepidoptera Tortricidae). *Alexanor* (Paris), 19:249-251 (1995).

Nasu, Y.

1996. *Hendecaneura axiotima* (Meyrick) (Lepidoptera, Tortricidae) and its allied new species from the Himalayan range. *Trans. Lepid. Soc. Japan* (Osaka), 47:209-214. [Nepal; India]

Réal, P.

1996. *Acleris arctiana* Guenée 1845 et *Pelochrista huebneriana* Zeller 1846, espèces nouvelles pour la France (Lepidoptera, Tortricinae et Olethreutinae). *Bull. Soc. Ent. Mulhouse*, 1996:65-67.

Smith, M. H.

1996. Unusual emergence date for *Cydia pallifrontana* (Lienig & Zeller) (Lep.: Tortricidae). *Ent. Rec. J. Var. (Surrey)*, 108:131-132. [England]

Spiegel, L. H., and P. W. Price

1996. Plant aging and the distribution of *Rhyacionia neomexicana* (Lepidoptera: Tortricidae). *Environ. Ent.* (Lanham), 25:359-365. [USA]

Torres-Vila, L. M.

1996. Efecto de la temperatura de desarrollo preimaginal sobre el potencial biótico de la polilla del racimo de la vid, *Lobesia botrana* (Denis y Schiffmüller, [1775]) (Lepidoptera: Tortricidae). *SHILAP Revta. Lepid.* (Madrid), 24:197-206. [Spain]

Torres-Vila, L. M., J. Stockel, and P. Lecharpentier

1996. A melanic form of the European grape vine moth, *Lobesia botrana* Den. and Schiff. (Lepidoptera, Tortricidae), and its genetic basis. *Agronomie* (Paris), 16:391-397. [France]

Trematerra, P.

- [1996a]. Description of a new species of Laspeyresini, *Lathronympha sardinica* sp.n. (Lepidoptera Tortricidae). *Boll. Zool. Agrar. Bachicolt.* (Milan), 27:185-190. (1995) [Italy]
- [1996b]. *Eana joannisi* (Schawerda, 1929) and *Eucosma balatonana* (Osthelder, 1937) new for the Italian fauna (Lepidoptera Tortricidae). *Boll. Zool. Agrar. Bachicolt.* (Milan), 27:219-222. (1995)
- [1996c]. *Cochylis sannitica* sp. n. (Lepidoptera Tortricidae) a new species of Cochylini. *Redia* (Florence), 78:131-135 (1995). [Italy]
1996. Remarks on some Italian *Dichrorampha* with record of *D. incognitana* (Kremky & Maslowski, 1933) (Lepidoptera Tortricidae). *Frust. Ent.* (Pisa), (n.s.) 18:189-193 (1995). [in Italian]

Trnková, B.

1996. The study of the butterflies (Lepidoptera) in protected area Trnava Ponds (west Slovakia). Part 1. (Tortricidae). *Zhor. Slov. Nar. Muz. Prir. Vedy* (Bratislava), 42:17-24.

Tsankov, G., P. Mirchev, and R. Giacometti

1996. Tortricoid moth males caught by traps baited with synthetic attractants set in sweet chestnut stands in the Belasitsa Mountains (Bulgaria). *Boll. Lab. Ent. Agrar. F. Silvestri* (Naples), 51:127-136.

Valeur, P. G., and C. Lofstedt

1996. Behaviour of male oriental fruit moth, *Grapholita molesta*, in overlap-

ping sex pheromone plumes in a wing tunnel. *Ent. Exp. Appl.* (Amsterdam), 79:51-59. [Sweden]

Weissling, T. J., and A. L. Knight

1996. Oviposition and calling behavior of codling moth (Lepidoptera: Tortricidae) in the presence of codlemone. *Ann. Ent. Soc. Amer.* (Lanham), 89:142-147. [USA]

YPONOMEUTIDAE

Afella, M., C. Smaili, A. El Hajoui, and M. Chemseddine

1996. Sexual trapping and noxiousness of *Prays oleae* Bern (Lepid., Hypon.) on olive tree in the Zerhoun area in Morocco. *Meded. Fac. Landbouwkund. Toeg. Biol. Wetensch. Univ. Gent*, 61:723-730.

Brackenbury, J.

1996. Novel locomotory mechanisms in caterpillars: life-line climbing in *Epinotia abbreviana* (Tortricidae) and *Yponomeuta padella* (Yponomeutidae). *Physiol. Ent.* (London), 21:7-14. [UK]

Foggo, A.

1996. Patterns of herbivory by the ash bud moth *Prays fraxinella*: implications for the silviculture of ash in Europe. *For. Ecol. Mgmt.* (Amsterdam), 84:231-240. [UK]

Hora, K. H., and P. Roessingh

1996. Oviposition behaviour and host discrimination of *Yponomeuta cagnagellus*. In M. J. Sommeijer and P. J. Francke (eds.), *Proceedings of the Section Experimental and Applied Entomology of the Netherlands Entomological Society (N.E.V.)*, 7:193-194. Amsterdam: Netherlands Ent. Soc.

ZYGAENIDAE

Efetov, K. A.

- 1996a. The early stages of *Zygaena (Agrumenia) sedi* Fabricius, 1787 (Lepidoptera: Zygaenidae). *Ent. Gaz.* (Wallingford), 47:27-29. [Ukraine]
- 1996b. The description of the female of *Adscita (Zygaenoprocris) rjabovi* (Alberti, 1938) (Lepidoptera: Zygaenidae, Procrudinae). *Ent. Gaz.* (Wallingford), 47:31-35. [Iran]

Efetov, K. A., and G. M. Tarmann

1996. On the systematic position of *Inope* Staudinger, 1887 (Lepidoptera: Zygaenidae, Procrudinae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 17:201-208. [Europe]

Jutzeler, D., R. Leestmands, and E. de Bros

1996. Observation des premiers états de *Zygaena corsica* (Boisduval, 1829) — espèce endémique de Sardaigne et de Corse — dans la massif du Gennargentu, Sardaigne (Lepidoptera: Zygaenidae). *Linn. Belg.* (Vilvoorde), 15:267-270. [France: Corsica; Italy: Sardinia]

Naumann, C. M., and W. G. Tremewan

1996. Geographical variation in the last instar larvae of *Zygaena (Mesembrynus) corsica* Boisduval, [1828] (Lepidoptera, Zygaenidae). *Linn. Belg.* (Vilvoorde), 15:286-288. [France: Corsica]

Rákossy, L., and A. Lüthi

1996. *Zygaena (Mesembrynus) minos* ([Denis & Schiffermüller] 1775) a new species for the Romanian fauna. *Bul. Inform. Soc. Lepid. Rom.* (Cluj), 6:171-172. (1995) [in Romanian]

Ravenscroft, N. O. M., and M. B. Young

1996. Habitat specificity, restricted range and metapopulation persistence of the slender scotch burnet moth *Zygaena loti* in western Scotland. *J. Appl. Ecol.* (Oxford), 33:993-1000. [UK]

Solntsev, L. N.

1996. Review de la faune des Zygaenidae (Lepidoptera) des régions centrales de la partie européenne de la Russie. *Actias* (Moscow), 2:79-88. (1995) [Russia]

Tremewan, W. G.

- 1996a. Genetics of British *Zygaena* Fabricius, 1775 (Lepidoptera: Zygaenidae). II. The black form of *Zygaena (Zygaena) filipendulae* (Linnaeus, 1758). *Ent. Gaz.* (Wallingford), 47:21-25. [England]
- 1996b. Records of *Zygaena (Agrumenia) carnolica* (Scopoli, 1763) from Skiathos, Greece. *Ent. Gaz.* (Wallingford), 47:26.
- 1996c. Genetics of British *Zygaena* Fabricius, 1775 (Lepidoptera: Zygaenidae). III. The six-spotted form of *Zygaena (Zygaena) trifolii* (Esper, 1783). *Ent. Gaz.* (Wallingford), 47:93-96. [Europe]
- 1996d. A further record of *Zygaena (Zygaena) filipendulae* (Linnaeus, 1758) (Lepidoptera: Zygaenidae) feeding on *Lotus uliginosus* Schkukr and the occurrence of the form *chrysanthemi* (Borkhausen, 1789) at Lizard Point,

Cornwall. *Ent. Gaz.* (Wallingford), 47:241-244. [Great Britain]

- 1996e. *Zygaena (Zygaena) filipendulae* (Linnaeus, 1758) (Lepidoptera: Zygaenidae) resident on Looe Island, Cornwall. *Ent. Gaz.* (Wallingford), 47:244. [Great Britain]

TROPICAL LEPIDOPTERA

ADELIDAE

Kozlov, M. V., and G. S. Robinson

- 1996a. Identity and distribution of two dimorphic Oriental fairy moths — *Nemophora decisella* (Walker, 1863) and *Nemophora cantharites* (Meyrick, 1928) (Lepidoptera, Adelidae). *Nota Lepid.* (Munich), 18:39-56 (1995). [Brunei, China, Philippines]
- 1996b. *Nemophora maxinae*: a remarkable new species of Oriental fairy-moth (Lepidoptera, Adelidae). *Malay. Nat. J.* (Kuala Lumpur), 50:21-25. [Thailand, Brunei]

AGONOXENIDAE

Lvovsky, A. L.

1996. A review of the genus *Lamprystica* Meyrick, 1914, with the description of a new subfamily (Lepidoptera, Agonoxenidae). *Atalanta* (Munich), 27:427-432. [Southeast Asia]

ARCTIIDAE

Beutelspacher-Baigts, C. R.

1996. Catálogo de los lepidópteros de México. Familia Arctiidae (III Parte) (Insecta: Lepidoptera). *SHILAP Revta. Lepid.* (Madrid), 24:55-80.

Bogner, F. X.

1996. Interspecific advantage results in intraspecific disadvantage: chemical protection versus cannibalism in *Utetheisa ornatix* (Lepidoptera: Arctiidae). *J. Chem. Ecol.* (New York), 22:1439-1451.

King, G. E.

1996. The taxonomic status of *Estigmene perotteti* (Guérin-Ménéville) (Lepidoptera: Arctiidae). *Oriental Ins.* (Gainesville), 30:97-100.

Kishida, Y.

- 1996a. A new and second species of *Chrysaeglia* (Lepidoptera, Arctiidae) from the Philippines. *Tinea* (Tokyo), 14:287-288.
- 1996b. A new species and a new subspecies of *Chrysaeglia* (Lepidoptera, Arctiidae) from Sulawesi. *Tinea* (Tokyo), 15:9-11. [Indonesia]

Marinoni, R. C., and R. R. C. Dutra

1996. Survey of the entomological fauna in Parana State. II. Ctenuchidae (Lepidoptera). *Revta. Brasil. Zool.* (São Paulo), 13:435-461. [Brazil] [in Portuguese]

Singh, C. P., and M. C. Pandey

- [1996]. Studies on the biology of *Amsacta moorei* Butler on groundnut. *J. Insect Sci.* (Delhi), 8:212-214 (1995). [India]

Singh, I., and G. Singh

- [1996]. Biology of Bihar caterpillar, *Spilosoma obliqua* Walker on sunflower in Punjab. *J. Insect Sci.* (Ludhiana), 8:48-54. (1995) [India]

Toulgoët, H. de

- 1996a. Description de nouvelles espèces d'Arctiides d'Amérique centrale (48^e note) (Lepidoptera, Arctiidae, Arctiinae). *Rev. Fr. Ent.* (Paris), (n.s.) 17:145-148. (1995)
- 1996b. Description de nouvelles espèces d'Arctiides d'Amérique latine (51^e note) (Lepidoptera, Arctiidae, Arctiinae). *Rev. Fr. Ent.* (Paris), (n.s.) 18:81-84.
- 1996c. Contribution à la connaissance du genre *Pseudohemihyalea* Rego Barros avec description de deux taxons nouveaux d'Amérique centrale (Lepidoptères Arctiidae, Arctiinae) (49^e note). *Nouv. Rev. Ent.* (Fontenay), (n.s.), 14:179-184. [Costa Rica]

Toulgoët, H. de, and J. Navatte

1996. Révision du genre *Lampruna* Schaus 1894 et description d'une nouvelle espèce d'Amérique latine (50^e note) (Lepidoptera, Arctiidae, Arctiinae). *Rev. Fr. Ent.* (Paris), (n.s.) 18:65-70.

Ueda, K.

1996. A new record of *Nyctemera okinawaensis* Inoue (Arctiidae) from Kitakojima Is., Ishigaki City, Okinawa Prefecture. *Japan Heteroc. J.* (Tokyo), 187:192. [Okinawa] [in Japanese]

Vos, R. de

1996. *Nyctemera pseudokala* sp. nov. and *N. mastrigti* sp. nov., two new species from Indonesia (Lepidoptera: Arctiidae, Nyctemerinae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 17:301-311.

Vuattoux, R.

1996. Premières données sur les arctiides de la Station de Lamto en Côte d'Ivoire. *Lambill.* (Tervuren), 96:436-446.

BOMBYCIDAE

Gongyin, Y., and H. Cui

1996. Some features of silk-producing moths. *Tropiculture* (Beijing), 14:30-33. [China]

Inoue, H.

1996. The first moth species described from "Japan." *Yugato* (Tokyo), 144:33-36. [*Bombyx mori* synonym]

Kawaguchi, Y., Y. Banno, K. Koga, T. Kawarabata, and H. Doira

1996. Comparison of chorion structure of eggs from *Bombyx mori* and *Bombyx mandarina* (Lepidoptera: Bombycidae) and their first filial generation. *Appl. Ent. Zool.* (Tokyo), 31:407-415.

Kawamura, N., K. Sahara, and T. Iizuka

1996. Characteristics of the first filial (F1) tetraploid females of the silkworm from tetraploid parents. *J. Sericultural Sci. Japan* (Ibaraki), 65:157-164. [Japan]

Pan, S.-Y., M. Tao, A.-Q. Sun, and T.-M. Jin

1996. Difference between male and female pupae of *Bombyx mori* in near infrared reflectance spectra and their pattern recognition. *Acta Ent. Sinica* (Beijing), 39:360-365. [in Chinese]

Thiagarajan, V., T. P. S. Chauhan, and E. Rajalakshmi

1996. Sexual dimorphism in the cocoon color of *Bombyx mori* (Bombycidae). *J. Lepid. Soc.* (Los Angeles), 50:350-353. [India]

BRAHMAEIDAE

Paukstadt, L. H., and U. Paukstadt

1996. Beschreibung der Präimaginalstadien von *Brahmaea* (*Brahmophthalma*) *celebica* Toxopeus [1939] von Sulawesi, Indonesien, sowie Angaben zur Biologie und Ökologie (Lepidoptera: Saturniidae). *Ent. Zeit.* (Frankfurt), 106:443-449. [Indonesia]

COLEOPHORIDAE

Baldizzone, G.

1996. A taxonomic review of the Coleophoridae (Lepidoptera) of Australia. *Tijds. Ent.* (Amsterdam), 139:97-144.

DUDGEONEIDAE

Schulze, C. H., and K. Fielder

1996. First record of the family Dudgeoneidae (Lepidoptera, Ditrysia) for Borneo. *Tinea* (Tokyo), 15:74-77. [Malaysia: Sabah]

GELECHIIDAE

Betancourt, C. M., I. B. Scatoni, and J. J. Rodriguez

1996. Temperature effects on reproduction and development of *Scrobipalpus absoluta* (Meyrick) (Lepidoptera, Gelechiidae). *Revta. Brasil. Biol.* (Rio de Janeiro), 56:661-670. [Brazil] [in Portuguese]

Li, H., and Z. Zheng

1996. A systematic study on the genus *Dichomeris* Hübner, 1818 from China (Lepidoptera: Gelechiidae). *SHILAP Revta. Lepid.* (Madrid), 24:229-273. (1995)

Park, K. T.

- 1996a. Description of a new species of *Dichomeris* Hübner (Lepidoptera, Gelechiidae). *Tinea* (Tokyo), 14:230-233. [Taiwan]
- 1996b. Illustrations and discussions on type-specimens of Gelechiidae (Lepidoptera) described by A. Caradja. *Ins. Koreana* (Chuncheon), 13:59-75.

Park, K. T., and M. G. Ponomarenko

1996. Genus *Anarsia* Hübner (Lepidoptera, Gelechiidae) from Thailand, with description of nine new species. *Ins. Koreana* (Chuncheon), 13:39-58.

Sattler, K.

1996. *Ophiolechia*, a new genus of Neotropical Gelechiidae (Lepidoptera). *Ent. Scand.* (Copenhagen), 27:121-158.

GEOMETRIDAE

Gomez y Gomez, B., and C. R. Beutelspacher-B.

- [1996]. Nuevos registros de la familia Geometridae (Lepidoptera) para Mexico. *Fol. Ent. Mex.* (Mexico City), 91:61-62 (1994).

Herbulot, C.

- 1996a. Trois nouveaux Ennominae de Bioko (Fernando Poo) (Lepidoptera

Geometridae). *Lambill.* (Tervuren), 96:16-18. [Equatorial Guinea]

- 1996b. Deux nouveaux *Menophra* africains (Lepidoptera Geometridae). *Bull. Soc. Ent. Mulhouse*, 1996:21-24. [Cameroon]

- 1996c. Nouveaux Geometrinae d'Afrique et de Madagascar (Lepidoptera Geometridae). *Bull. Soc. Ent. Mulhouse*, 1996:59-61.

- 1996d. Réfutation des synonymies (Lepidoptera Geometridae). *Lambill.* (Tervuren), 96:107-108. [French Guiana]

- 1996e. Six nouveaux *Xenimpia* (Lepidoptera Geometridae). *Lambill.* (Tervuren), 96:387-390. [Cameroon, Rwanda]

Holloway, J. D.

1996. Geometridae (incl. Orthostixini), Oenochrominae, Desmobathrinae, Geometrinae, Ennominae addenda. In *The Moths of Borneo. Part 9. In Malayan Nature J.* (Kuala Lumpur), 49:147-326, 12 pl.

McQuillan, P. B.

1996. The Tasmanian geometrid moths associated with the genus *Amelora* auctorum (Lepidoptera: Geometridae: Ennominae). *Invert. Taxon.* (Canberra), 10:433-506. [Australia]

Parra, L. E.

1996. Trichopterygini Neotropicales IV: descripción de nuevos géneros y especies de Chile (Lepidoptera: Geometridae). *SHILAP Revta. Lepid.* (Madrid), 24:37-54.

Pitkin, L. M.

1996. Neotropical emerald moths: a review of the genera (Lepidoptera: Geometridae). *Zool. J. Linn. Soc.* (London), 118:309-440.

Sato, R.

- 1996a. Seven new species of the Boarmiini (Geometridae, Ennominae) from Mindanao Is., the Philippines. *Trans. Lepid. Soc. Japan* (Osaka), 47:1-9.
- 1996b. Description of a new species closely related to *Hypomecis cineracea* (Moore) (Geometridae, Ennominae) from the Philippines. *Tinea* (Tokyo), 14:256-259.
- 1996c. Six new species of the genus *Psilalcis* Warren (Geometridae, Ennominae) from Indo-Malayan region, with some taxonomic notes on the allied species. *Tinea* (Tokyo), 15:55-68.
- 1996d. Records of the Boarmiini (Geometridae: Ennominae) from Thailand III. *Trans. Lepid. Soc. Japan* (Osaka), 47:223-236.

Sommerer, M.

1996. *Sarcinodes yeni*, spec. nov., a new oenochromine moth from Taiwan (Insecta, Lepidoptera, Geometridae, Oenochrominae). *Spixiana* (Munich), Suppl. 22:23-28.

Walia, V. K.

1995. On a new species of genus *Idaea* Treitschke (Sterrhinae: Geometridae: Lepidoptera). *Uttar Pradesh J. Zool.* (Delhi), 15:48-50. [India]

Yazaki, K.

- 1996a. The genus *Zythos* (Lepidoptera, Geometridae) of Wallacea. *Trans. Lepid. Soc. Japan* (Osaka), 47:49-56. [Indonesia, Malaysia, Philippines]
- 1996b. The genus *Agathia* (Lepidoptera, Geometridae) from Wallacea. *Tinea* (Tokyo), 14:237-253. [Indonesia, Philippines]
- 1996c. *Ptochophyle faganaria* (Guenée) (Geometridae, Sterrhinae) from Okinawa Island. *Japan Heteroc. J.* (Tokyo), 189:215-216. [in Japanese]

GRACILLARIIDAE

Jacas, J.-A., and A. Garrido

1996. Differences in the morphology of male and female pupae of *Phyllocnistis citrella* (Lepidoptera: Gracillariidae). *Fla. Ent.* (Gainesville), 79:603-606. [USA]

Leen, R., and G. Markin

1996. Identity, release and establishment of *Caloptilia* nr. *schinella* (Walsingham) (Gracillariidae) on the island of Hawaii for control of *Myrica faya* Aiton (Myricaceae). *J. Lepid. Soc.* (Los Angeles), 50:348-351.

Malumphy, C.

1996. Insects intercepted on imported fresh mango fruit in England and Wales. *Ent. Gaz.* (Wallingford), 47:269-275.

HEDYLIDAE

Scoble, M. J.

1996. The 1995 Presidential Address. *Brit. J. Ent. Nat. Hist.* (Reading), 9:242-256, 1 pl. [Hedylidae color plate]

HESPERIIDAE

Atkins, A.

1996. The life history of *Ocybadistes knightorum* Lambkin & Donaldson

(Lepidoptera: Hesperidae). *Austral. Ent.* (Brisbane), 23:19-31. [Australia]

Austin, G. T.

1996. Hesperidae of central Rondônia, Brazil: three new species of *Narcosius* (Pyrginae). *J. Lepid. Soc.* (Los Angeles), 50:54-60.

Austin, G. T., and S. R. Steinhauser

1996. Hesperidae of central Rondônia, Brazil: *Celaenorrhinus* Hübner (Lepidoptera: Pyrginae), with descriptions of three new species and taxonomic comments. *Insecta Mundi* (Gainesville), 10:25-44.

Belcastro, C., and T. B. Larsen

1996. The *Pteroteinon caenira*-complex of African skippers, with the description of a new species (*P. concaenira*) (Lepidoptera: Hesperidae). *Lambill.* (Tervuren), 96:616-622. [C. Africa]

Burns, J. M.

1996. Genitalia and the proper genus: *Codatractus* gets *mysie* and *uvydia* — in a compact *cyda* group — as well as a *hystereotomy*, while *Cephise* gets part of *Polythrix* (Hesperidae: Pyrginae). *J. Lepid. Soc.* (Los Angeles), 50: 173-216. [Mexico]

Devyatkin, A. L.

1996. New Hesperidae from north Vietnam, with the description of a new genus (Lepidoptera, Rhopalocera). *Atalanta* (Munich), 27:595-604, pl. 10.

Steinhauser, S. R.

1996. Three new *Paratrytone* species from Mexico (Hesperidae: Lepidoptera). *Bull. Allyn Mus.* (Sarasota), 141:1-11.

Warren, A. D.

1996. *Amblyscirtes patriciae*: description of the female and notes on its synonymy, behavior, habitat and distribution in Mexico (Lepidoptera: Hesperidae: Hesperinae). *Trop. Lepid.* (Gainesville), 7:127-132.

Warren, A. D., and L. González-Cota

1996. Rediscovery of *Dalla bubobon* in Michoacán, Mexico (Lepidoptera: Hesperidae: Heteropterinae). *Trop. Lepid.* (Gainesville), 7:68-70.

Williams, A. A. E., and A. F. Atkins

1996. The life history of the western Australian skipper *Mesodina cyanophracta* Lower (Lepidoptera: Hesperidae). *Austral. Ent.* (Brisbane), 23:49-54.

Williams, M. R., A. A. E. Williams, T. D. Lundstrom, and R. W. Hay

1996. The distribution of Waterhouse's skipper *Trapezites waterhousei* Mayo & Atkins (Lepidoptera: Hesperidae) in western Australia. *Austra. Ent.* (Brisbane), 23:83-86.

HETEROCERA

Chandra, Kailash

1996. Moths of Great Nicobar Biosphere Reserve, India. *Malayan Nature J.* (Kuala Lumpur), 50:109-116.

Easton, E. R., and W.-W. Pun

1996. New records of moths from Macau, southeast China. *Trop. Lepid.* (Gainesville), 7:113-118.

Epstein, M. E.

1996. Revision and phylogeny of the Limacodid-group families, with evolutionary studies on slug caterpillars (Lepidoptera: Zygaenoidea). *Smithson. Contr. Zool.* (Washington), 582:1-102.

Fagundes, M., J. C. Zannuncione, F. S. Lopes, and P. De Marco, Jr.

1996. Communities of the nocturnal Lepidoptera, defoliators of eucalyptus in three regions of the Cerrado area of Minas Gerais. *Revta. Brasil. Zool.* (São Paulo), 13:763-771. [Brazil] [in Portuguese]

Fiorentino, D. C., V. Bellomo, L. Diodato, A. Notario, and L. Castresana

1996. Plagas forestales de lepidópteros en el Parque Chequeño Seco (Argentina) (Insecta: Lepidoptera). *SHILAP Revta. Lepid.* (Madrid), 24:21-27.

Turlin, B.

1996. Faune lepidopterologique de l'Archipel des Comores (Océan Indien) (Rhopalocères, Sphingidae, Attacidae). *Lambill.* (Tervuren), 96:447-454. [Comoro Is.]

Wang, H. Y.

1996a. *The Moths of Taiwan*. Taipei: Taiwan Mus. 180pp.

1996b. *Guide Book to Insects in Taiwan (17): Supplement of Moths*. Taipei: Taiwan Mus. 242pp.

HIMANTOPTERIDAE

Barlow, H. S., and D. J. Carter

1996. A breeding record for *Himantopterus fuscinervis* Wesmäl (Lepidoptera,

Hymantopteridae [sic]. *Malay. Nat. J.* (Kuala Lumpur), 50:27-32.

HYBLAEIDAE

Chaturvedi, N.

[1996]. A new alternative host plant of teak defoliator *Hyblaea puera* (Hyblaeidae: Lepidoptera). *J. Bombay Nat. Hist. Soc.*, 92:431. (1995)

Meshram, P. B., and D. Swain

1996. A new report of *Hyblaea puera* Cram. (Lepidoptera: Hyblaeidae) as a pest of *Dolichandrone spathacea* K. Schum. *Indian Forester* (Dehra Dun), 122:265-266. [India]

LASIOCAMPIDAE

Zolotuhin, V. V.

1996. Studies in Asiatic Lasiocampidae. 2. On the status of *Stenophylloides javanus* Draeseke, 1941 (Lepidoptera, Lasiocampidae). *Atalanta* (Munich), 27:335-338. [Indonesia]

LECITHOCERIDAE

Wu, C.

1996. A study of the Chinese *Athymoris* Meyrick, 1935 and descriptions of the two new species (Lepidoptera: Lecithoceridae). *Acta Ent. Sinica* (Yangling), 39:306-309. [in Chinese]

LEPIDOPTERA

Basset, Y., G. A. Samuelson, and S. E. Miller

1996. Similarities and contrasts in the local insect faunas associated with ten forest tree species of New Guinea. *Pacific Science* (Honolulu), 50:157-183.

Jackson, R. V.

1996. Lepidoptera breeding records from *Alphitonia* species (Rhamnaceae) at Paluma, north Queensland. *Austral. Ent.* (Brisbane), 23:75-76.

Miller, S. E., and L. G. Eldredge

1996. Numbers of Hawaiian species: supplement 1. *Bishop Mus. Occas. Pap.* (Honolulu), 45:8-17.

Nielsen, E. S., E. D. Edwards, and T. V. Rangsi

1996. *Checklist of the Lepidoptera of Australia*. Collingwood: CSIRO. 529pp.

Salazar-E., J. A.

1996. Nuevos registros colombianos de algunas especies de Lepidoptera (Insecta: Lepidoptera). *Bol. Cient. Mus. Hist. Nat. Univ. Caldas* (Manizales), 1:7-10. [Colombia]

Srygley, R. B., E. G. Oliveira, and R. Dudley

1996. Wind drift compensation, flyways, and conservation of diurnal, migrant Neotropical Lepidoptera. *Proc. Roy. Soc. London*, (B. Biol. Sci.), 263:1351-1357. [Panama]

Turlin, B.

1996. Faune Lepidopterologique de l'Archipel des Comores (Océan Indien) (Rhopalocera, Sphingidae, Attacidae). *Lambill.* (Tervuren), 96:329-339. [Comoro Is.]

LIMACODIDAE

Epstein, M. E.

1996. A new species and generic placement for the misidentified type species of *Epiclea* Dyar, 1905 (Lepidoptera: Limacodidae). *Proc. Ent. Soc. Washington*, 98:812-817. [Mexico]

LOPHOCORONIDAE

Nielsen, E. S., and N. P. Kristensen

1996. The Australian moth family Lophocoronidae and the basal phylogeny of the Lepidoptera. *Invert. Taxon.* (Canberra), 10:1199-1302.

LYCAENIDAE

Austin, G. T., and K. Johnson

1996. Theclinae of Rondônia, Brazil: *Iaspis* Kaye, taxonomic comments and description of new species. *Trop. Lepid.* (Gainesville), 7:45-59.

Baer, M. de, and S. J. Johnson

1996. Notes on the foodplant of *Deudorix epirus agimar* Fruhstorfer (Lepidoptera: Lycaenidae). *Austral. Ent.* (Brisbane), 23:36. [Australia]

Bálint, Z.

1996. An overview of Neotropical *Polyommatus* (sensu Eliot, 1973) lycaenid butterflies (Lepidoptera, Lycaenidae). *Esperiana* (Schwanfeld), 4:159-166, pl. J-K.

- Benyamini, D., and K. Johnson
1996. Review of Austral *Heoda*, with a new species from Chile (Lepidoptera: Lycaenidae: Eumaeini). *Trop. Lepid.* (Gainesville), 7:13-20.
- Bouyer, T., and M. Libert
1996. Nouveaux lycènes *Spindasis* et *Aphnaeus* pour la faune du Cameroun (Lepidoptera, Lycaenidae). *Bull. Soc. Ent. Fr.* (Paris), 101:49-52. [Cameroon]
- Braby, M. F.
1996. A new species of *Nesolycaena* Waterhouse and Turner (Lepidoptera: Lycaenidae). *Austral. J. Ent.* (Canberra), 35:9-17. [Australia]
- Chou, I., and M. Wang
1996. A new species of the genus *Howarthia* Shirôzu et Yamamoto (Lepidoptera: Lycaenidae) from China. *Entomotaxon.* (Yangling), 18:141-144.
- Collins, S. C., and T. B. Larsen
1996. *Baliophila warrenghashi*, a new butterfly from the Usambara Mountains in Tanzania (Lepidoptera: Lycaenidae). *Lambill.* (Tervuren), 96:465-466.
- Cordero, C.
1996. The courtship behavior of *Callophrys xami* (Lycaenidae). *J. Res. Lepid.* (Beverly Hills), 32:99-106 (1993). [Mexico]
- Fiedler, K., B. Hölldobler, and P. Seufert
1996. Butterflies and ants: the communicative domain. *Experimentia* (Basel), 52:14-24.
- Graham, A. J., H. H. Bollman, and M. Williams
1996. An unusual temporally isolated population of *Neolucia agricola* Waterhouse and Turner in Western Australia (Lepidoptera: Lycaenidae). *Austral. Ent.* (Brisbane), 23:111-114.
- Grund, R.
1996. The distribution of *Theclines thes albocincta* (Waterhouse) and *Theclines thes hesperia litoralis* Sibatani & Grund, based on herbarium records of eggs (Lepidoptera: Lycaenidae). *Austral. Ent.* (Brisbane), 23:101-110.
- King, A. J., and L. R. Ring
1996. The life history of *Arhopala wildei wildei* Miskin (Lepidoptera: Lycaenidae). *Austral. Ent.* (Brisbane), 23:117-120. [Australia]
- Larsen, T. B.
1996a. *Hypokopelates boormani* – a new lycaenid from Nigeria (Lepidoptera: Lycaenidae). *Ent. Rec. J. Var.* (Surrey), 108:7-9.
1996b. *Iolaus (Etesiolaus) kyabobo* – a new butterfly from Ghana (Lepidoptera: Lycaenidae). *Lambill.* (Tervuren), 96:275-277.
- Libert, M.
1996. Contribution à l'étude des Lycaenidae africains: révision du genre *Lachnocnema* Trimen (1) (Lepidoptera Lycaenidae). *Lambill.* (Tervuren), 96:185-202, 367-386, 479-500. [Africa]
- Pierrat, V.
1996. *Aricia artaxerxes* dans le Doubs (Lep. Lycaenidae). *Bull. Soc. Ent. Mulhouse*, 1996:51. [France]
- Meyer, C. E.
1996a. Notes on the life history of *Nacaduba kurava felsina* Waterhouse & Lyell (Lepidoptera: Lycaenidae). *Austral. Ent.* (Brisbane), 23:73-74. [Australia]
1996b. A new record of *Nesolycaena caesia* D'Apice & Miller (Lepidoptera: Lycaenidae) from north-eastern western Australia. *Austral. Ent.* (Brisbane), 23:79.
- Morinaka, S., and T. Shinkawa
1996. A study of *Tajuria discalis* Fruhstorfer, 1897 (Lepidoptera, Lycaenidae) from Indonesia (1). *Trans. Lepid. Soc. Japan* (Osaka), 47:83-92.
- Rhainds, M., G. Gries, and J. L. Morales
1996. Oviposition deterrence in pineapple borer females, *Thecla basilides* (Lepidoptera: Lycaenidae). *Ecol. Ent.* (London), 21:105-106. [Costa Rica]
- Rutkowski, F.
1996. A new larval foodplant for *Tmolus echion* (Lepidoptera: Lycaenidae). *Bishop Mus. Occas. Pap.* (Honolulu), 46:32. [Hawaii]
- Salazar-E., J. A.
1996. Avances sobre el proyecto "Revisión de Theclinae de Colombia" (Review of Colombian Theclinae) (Lepidoptera: Lycaenidae). *Bol. Cient. Mus. Hist. Nat. Univ. Caldas* (Manizales), 1:27-30.
- Salazar-E., J. A., and C. López-Vaamonde
1996. *Gibbonota*, nuevo género mariposas listados tropicales de América (Lepidoptera: Lycaenidae). *Bol. Cient. Mus. Hist. Nat. Univ. Caldas* (Manizales), 1:22-26. (1995) [South America]
- Seufert, P., and K. Fiedler
1996. Life-history diversity and local co-existence of three closely related lycaenid butterflies (Lepidoptera: Lycaenidae) in Malaysian rainforests. *Zool. Anz. (Jena)*, 234:229-239.
- Tennent, W. J.
1996. A strange record of the African lycaenid butterfly *Cupidopsis jobates* Hopffer, 1855, from Sulawesi, Indonesia (Lepidoptera, Lycaenidae). *Trans. Lepid. Soc. Japan* (Osaka), 47:123-124.
- Torres-Núñez, J. P. W. Hall, K. R. Willmott, and K. Johnson
1996. A new genus of "elfin" butterflies from the northern high Andes (Lepidoptera: Lycaenidae). *Trop. Lepid.* (Gainesville), 7:81-86. [Colombia, Ecuador]
- Yen, S. H., and J. L. Jan
1996. Notes on the life history of *Sibatanozephyrys kuafui*. *Yadoriga* (Osaka), 166:21-27. [Taiwan] [in Japanese]
- Zanuncio, T. V., J. C. Zanuncio, J. B. Torres, and A. J. Laranjeiro
[1996]. Biological cycle and leaf consumption of *Euselasia hygenius* (Lepidoptera: Riodinidae) on *Eucalyptus urophylla*. *Revta. Bras. Ent.* (São Paulo), 39:487-492. [Brazil]

LYMANTRIIDAE

Kalia, S., K. C. Joshi, and N. C. Pant

1996. *Euproctis subnotata* Walk., a new pest of *Dalbergia sissoo* Roxb. *Indian Forester* (Dehra Dun), 122:267. [India]

Kishida, Y.

1996. *Laelia kunigamiensis* Kishida (Lymantriidae) from Tokashiki I. *Japan Heteroc. J.* (Tokyo), 188:210. [Ryukyu Is.] [in Japanese]

MICROPTERIGIDAE

Hashimoto, S.

1996. Descriptions of a new species and redescription of two species of the genus *Palaeomicroides* (Lepidoptera, Micropterigidae) from Taiwan. *Trans. Lepid. Soc. Japan* (Osaka), 47:93-99.

NOCTUIDAE

Angulo, A. O., and E. de Bros

1996. A new Noctuidae species (Lepidoptera, Noctuidae, Cuculliinae) from Argentina with remarks on the genus *Andesia* Hampson. *Mitt. Ent. Ges. Basel*, 46:46-51. [in German]

Behounek, G., W. Speidel, and H. Thöny

1996. Revision der Gattung *Baorisa* Moore, 1882 (Lepidoptera: Noctuidae). *Esperiana* (Schwanfeld), 4:53-64, pl. D. [Southeast Asia]

Dillon, M. L., G. P. Fitt, J. G. Hamilton, and W. A. Rochester

1996. A simulation model of wind-driven dispersal of *Helicoverpa* moths. *Ecol. Modelling* (Amsterdam), 86:145-150. [Australia]

Foerster, L. A.

1996. Effect of temperature on the development of the immature stages of *Pseudaletia sequax* Franclemont (Lepidoptera: Noctuidae). *An. Soc. Ent. Brasil* (Itabuna), 25:27-32. [Brazil] [in Portuguese]

Foerster, L. A., and M. E. F. Mello

1996. Development and survival of *Anicia infecta* Guenée (Lepidoptera: Noctuidae) in different temperatures. *An. Soc. Ent. Brasil* (Itabuna), 25:33-38. [Brazil] [in Portuguese]

Hreblay, M.

1996. Revision der *Mythimna consanguis*-, *languida*-, *madensis*-, *natalensis*-Artengruppe (*Morphopoliana* subgen. n.) (Lepidoptera, Noctuidae). *Esperiana* (Schwanfeld), 4:133-158, pl. H-I. [Old World tropics]

Igarzabal, D., P. Fichetti, and M. Tognelli

1996. Addenda to "Practical keys to identify Lepidoptera larvae in crops of agricultural importance in Cordoba (Argentina)": bioethological data card of *Spodoptera frugiperda* Smith (Lepidoptera: Noctuidae). *Gayana Zool.* (Buenos Aires), 60:79-83. [in Spanish]

Ikeda, H.

1996. Memories on *Hypolimnas bolina* (3) notes on the sex-ratio. *Yadoriga* (Osaka), 166:29-36. [Japan?] [in Japanese]

Inoue, H.

1996. Two unrecorded species of Nolinae (Noctuidae) from Japan, with some synonymic notes. *Japan. Heteroc. J.* (Tokyo), 189:217-221. [in Japanese] [Japan, Okinawa, Taiwan]

Kishida, Y.

1996. A new species of *Camptoloma* (Lepidoptera, Noctuidae) from Thailand. *Tinea* (Tokyo), 14:268-270.

Kobayashi, H., and M. Owada

1996. Two new species and one new subspecies of *Meganephria* (Lepidoptera, Noctuidae, Cuculliinae) in Taiwan. *Tinea* (Tokyo), 15:1-8.

Laporte, B., and P.-C. Rougeot

1996. Description d'une nouvelle espèce de *Nocthadena* d'Ethiopie (Lep., Noctuidae). *Bull. Soc. Ent. Fr.* (Paris), 101:256. [Ethiopia]

Lödl, M.

- 1996a. Redescription of *Eugorna vidua* Holland, 1894 and transfer to the subfamily Catocalinae (Lepidoptera: Noctuidae). *Zeit. Arbeitsgem. Österr. Ent.* (Vienna), 48:3-8. [Liberia]
- 1996b. *Hypena binae* sp. n., eine neue Hypeninae aus Ostafrika aus der Verwandtschaft von *Hypena polycyma* Hampson, 1902 (Lepidoptera: Noctuidae). *Beitr. Ent.* (Berlin), 46:95-102. [East Africa]
- 1996c. *Hypena (Trichypena) leopardina* sp. n., eine neue Hypeninae von der Insel Bioco nebst Bemerkungen zu den nächst verwandten Arten der *Hypena fuscularis* - Gruppe (Lepidoptera: Noctuidae). *Beitr. Ent.* (Berlin), 46:103-108. [Guinea]
- 1996d. Wiederbeschreibung von *Aulocheta violacea* A. E. Prout, 1927 (Lepidoptera: Noctuidae: Herminiinae). *Zeit. Arbeitsgem. Österr. Ent.* (Vienna), 48:99-105. [São Tomé]
- 1996e. Redescription of (*Hypena*) *fuscomaculalis* Saalmüller 1880 and remarks on the systematic rank of this taxon (Lepidoptera: Noctuidae: Herminiinae). *Senckenberg. Biol.* (Frankfurt), 75:193-202.
- 1996f. Definition der Gattung *Harita* Moore, 1882, Wiederbeschreibung der Typenart *Harita rectilinea* Moore, 1882 und Bemerkungen zur Synonymie (Lepidoptera: Noctuidae: Hypeninae). *Esperiana* (Schwanfeld), 4:459-465, pl. Y. [Southeast Asia]
- 1996g. *Hypena (Trichypena) lisae* n. sp., eine neue äquatorialafrikanische Hypeninae aus der Untergattung *Trichypena* Joannis 1915 (Lepidoptera: Noctuidae). *Ent. Zeit.* (Frankfurt), 106:461-468. [Zaire]

Lödl, M., and S. Gaal

- 1996a. *Hypena vanschuytbroeckii* sp. n., eine neue Hypeninen-Art aus Zaire aus der Verwandtschaft von *Hypena prionodes* Fletcher, 1961 (Lepidoptera: Noctuidae). *Zeit. Arbeitsgem. Österr. Ent.* (Vienna), 48:9-12.
- 1996b. Description of *Hypena variofuscolorata* n. sp., a new Hypeninae species from East Africa with some notes on the subgenus *Jussalypena* Lödl, 1994 (Lepidoptera, Noctuidae). *Lambill.* (Tervuren), 96:88-94. [Kenya]

Meijerman, L., and S. A. Ulenberg

1996. Identification of African stemborer larvae (Lepidoptera: Noctuidae, Pyralidae) based on morphology. *Bull. Ent. Res.* (London), 86:569-578.

Ohbayashi, T., and K. Takeuchi

1996. On the larva and host plant of *Grammodes geometrica* (Fabricius) (Noctuidae, Catocalinae). *Japan Heteroc. J.* (Tokyo), 187:195-196. [Bonin Is.] [in Japanese]

Olivares, T. S., and A. O. Angulo

1996. Elorgano timpanico en la clasificación de Lepidoptera: Noctuidae. *Bol. Ent. Venez.* (Caracas), (n.s.) 11:155-183.

Rochester, W. A., M. L. Dillon, G. P. Fitt, and M. P. Zalucki

1996. A simulation model of long-distance migration of *Helicoverpa* spp. moths. *Ecol. Modelling* (Amsterdam), 86:151-156. [Australia]

Srivastava, A.

1996. Faunistic contribution to the noctuid fauna of Himachal Pradesh (Lepidoptera: Noctuidae). *Esperiana* (Schwanfeld), 4:441-450. [India]

Sugi, S.

- 1996a. New and little known tropical Asian Agaristinae (Lepidoptera, Noctuidae). *Tinea* (Tokyo), 14:225-229. [India, Indonesia, Thailand, Vietnam]
- 1996b. Descriptions of five new species of *Tracheoides* Prout (Noctuidae) from Sulawesi. *Tinea* (Tokyo), 15:47-54. [Indonesia]
- 1996c. A new species of *Speiredonia* Hübner (Noctuidae, Ophiderinae) endemic to Ogasawara Islands. *Japan Heteroc. J.* (Tokyo), 191:267-270. [Ryukyu Is.]

Wang, H.-Y.

- 1996a. *Guide Books to Insects in Taiwan (15): Noctuid Moths and Allied Species from Neighboring Countries [3]*. Taipei: Taiwan Mus. 204pp.

Wojtusik, J.

- 1996a. The check-list of the Noctuidae moths of the São Tomé and Príncipe Islands in the Gulf of Guinea, with notes on their geographical distribution. Part I. Noctuinae, Heliethinae, Hadeninae, Acronictinae, Amphipyridae. *Lambill.* (Tervuren), 96:278-282.
- 1996b. The check-list of the Noctuidae moths of the São Tomé and Príncipe

Islands in the Gulf of Guinea, with notes on their geographical distribution. Part II. Acontiinae, Euteliinae, Stictopterinae, Sarrothripinae, Chloephorinae, Plusiinae. *Lambill.* (Tervuren), 96:536-541.

- 1996c. The check-list of the Noctuidae moths of the São Tomé and Príncipe Islands in the Gulf of Guinea, with notes on their geographical distribution. Part III. Catocalinae, Ophiderinae, Hypeninae, Hypenodinae. *Lambill.* (Tervuren), 96:683-693.

Yoshimatsu, S., and M. Hreblay

- 1996a. A new species of the genus *Mythimna* Ochsenheimer (Lepidoptera, Noctuidae) from Thailand. *Trans. Lepid. Soc. Japan*, 47:13-16.
- 1996b. Further two species of the genus *Mythimna* (Lepidoptera, Noctuidae) from Taiwan. *Tinea* (Tokyo), 14:264-267.

Yoshimoto, H.

- 1996a. On *Cultripalpa partita* Guenée (Noctuidae, Ophiderinae) from Iriomote I., the Ryukyus. *Trans. Lepid. Soc. Japan* (Osaka), 47:100-102. [in Japanese]
- 1996b. One new and one unrecorded species of *Rivula* (Noctuidae, Ophiderinae) from Japan. *Tinea* (Tokyo), 14:234-236. [Okinawa, Taiwan] [in Japanese]
- 1996c. On *Dunira diplogramma* (Hampson) (Noctuidae, Ophiderinae) new to Japan. *Japan Heteroc. J.* (Tokyo), 187:193-194. [Okinawa] [in Japanese]
- 1996d. Notes on *Giaura tortricoides* (Walker) (Noctuidae) new to Japan. *Japan Heteroc. J.* (Tokyo), 190:250-251. [Okinawa Id.] [in Japanese]

Zhou, J. Y., and S. Song

1996. A numerical taxonomic study on the eggs of some Chinese Noctuidae (Lepidoptera: Noctuidae). *Entomotaxon.* (Yangling), 18:145-149. [in Chinese]

NOTODONTIDAE

Floater, G. J.

- 1996a. Life history comparisons of ground- and canopy-nesting populations of *Ochrogaster lunifer* Herrich-Schäffer (Lepidoptera: Thaumetopoeidae): evidence for two species? *Austral. J. Ent.* (Canberra), 35:223-230. [Australia]
- 1996b. Estimating movement of the processionary caterpillar *Ochrogaster lunifer* Herrich-Schäffer (Lepidoptera: Thaumetopoeidae) between discrete resource patches. *Austral. J. Ent.* (Canberra), 35:279-283. [Australia]

Lin, C. S., and Y. C. Shen

1996. Life history and larval food plants of Notodontidae in southern Taiwan. *J. Taiwan Mus.* (Taipei), 49:73-103.

Orhant, G. E. R. J.

1996. A contribution to knowledge of the moth fauna of Malaysia (Lepidoptera, Notodontidae). *Tinea* (Tokyo), 14:254-255.

Thiaucourt, P.

- 1996a. Trois espèces nouvelles de *Rifargia* Walker (Lepidoptera, Heterocera). *Bull. Soc. Ent. Mulhouse*, 1996:53-58. [Bolivia, Ecuador, French Guiana, Mexico]
- 1996b. *Rhudara dimidiata* (Herrich-Schäffer, [1856]) révision du complexe d'espèces proches de *Rhudara dimidiata* rangées dans un nouveau genre: *Rhudara* (Lepidoptera, Notodontidae). *Lambill.* (Tervuren), 96:423-435. [French Guiana]

NYMPHALIDAE

Alcock, J.

1996. Male mate-locating behavior in two Australian butterflies, *Anaphaeis java teutonia* (Fabricius) (Pieridae) and *Acraea andromacha andromacha* (Fabricius) (Nymphalidae). *J. Res. Lepid.* (Beverly Hills), 32:1-7 (1993).

Anioke, S. C., T. N. C. Echendu, J. K. U. Emehute, and F. M. O. Agbo

1996. The biology of *Acraea acerata* Hew. and the damage on sweet potato (*Ipomoea batatas* (L.) Lam.) in south-eastern Nigeria. *Trop. Agric.* (Oxford), 72:327-329.

Austin, G. T., and T. C. Emmel

1996. Nymphalidae of central Rondônia, Brazil: Melitaeinae, with descriptions of two new species. *Trop. Lepid.* (Gainesville), 7:133-142.

Bernaudo, D.

1996. Premiers stades de *Hypolimnas bolina otaheitea* de Tahiti (Polynésie française). *Lambill.* (Tervuren), 96:29-30.

Bernaudo, D., and J. Pierre

1996. Premiers stades d'*Acraea zetes* (Linné) (Lepidoptera Nymphalidae Acraeinae). *Lambill.* (Tervuren), 96:404-406. [Cameroon]

- Brakefield, P. M., J. Gates, D. Keys, F. Kesbeke, P. J. Wijngaarden, A. Monteiro, V. French, and S. B. Carroll
1996. Development, plasticity and evolution of butterfly eyespot patterns. *Nature* (London), 384:236-242. [*Bicyclus*]
- Brévignon, C.
1996a. Description et figuration de nouveaux *Pyrrhogyra* de Guyane française (Lepidoptera Nymphalidae Limenitidinae). *Lambill.* (Tervuren), 96:46-47. [French Guiana]
1996b. Description d'un nouvel *Heliconius* provenant de Guyane française (Lepidoptera, Nymphalidae). *Lambill.* (Tervuren), 96:467-470. [French Guiana]
- Brower, A. V. Z.
1996. A new mimetic species of *Heliconius* (Lepidoptera: Nymphalidae), from southeastern Colombia, revealed by cladistic analysis of mitochondrial DNA sequences. *Zool. J. Linn. Soc.* (London), 116:317-332.
- Brower, L. P.
1996. Forest thinning increases monarch butterfly mortality in altering the microclimate of the overwintering sites in Mexico. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 33-44. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue).
- Caldas, A.
1996a. Intraspecific variation in *Anaea ryphea* Cramer and *Anaea euryppyle* C. and R. Felder (Nymphalidae). *J. Res. Lepid.* (Beverly Hills), 32:37-44 (1993). [Neotropical]
1996b. Fifth instar parasitoids of *Anaea ryphea* (Nymphalidae): the missing data. *J. Lepid. Soc.* (Los Angeles), 50:89-90. [Brazil]
1996c. Intraspecific variation in a population of *Fountainea ryphea* (Cramer) (Lepidoptera, Nymphalidae). *Revta. Brasil. Zool.* (São Paulo), 13:399-404. [Brazil]
- Casagrande, M. M.
1996. Notas sistemáticas sobre Brassolinae. I. Tribos (Lepidoptera, Nymphalidae). *Revta. Bras. Zool.* (Curitiba), 12:671-699 (1995). [Neotropical]
- Castellani, T. T., K. Z. Scherer, L. M. Locatelli, and B. C. Lopes
1996. The occurrence of *Junonia evarete* (Lepidoptera: Nymphalidae) and *Acromyrmex striatus* (Hymenoptera: Formicidae) on *Paepalanthus polyanthus* (Eriocaulaceae). *J. New York Ent. Soc.*, 103:329-344 (1995). [Brazil]
- Dudley, R., and G. H. Adler
1996. Biogeography of milkweed butterflies (Nymphalidae: Danaidae) and mimetic patterns on tropical Pacific archipelagos. *Biol. J. Linn. Soc.* (London), 57:317-326. [Oceania]
- Finegan, B.
1996. Notes on the natural history of *Doxocopa excelsa* (Nymphalidae: Apaturinae) in Turrialba, Costa Rica. *J. Lepid. Soc.* (Los Angeles), 50:141-144.
- Freitas, A. V. L.
1996. Population biology of *Heterosalis edessa* (Nymphalidae) and its associated Atlantic forest Ithomiinae community. *J. Lepid. Soc.* (Los Angeles), 50:273-289. [Brazil]
- Grodinsky, D. L., and R. Dudley
1996. Vortex visualization during free flight of heliconiine butterflies (Lepidoptera: Nymphalidae). *J. Kansas Ent. Soc.* (Lawrence), 69:199-203. [Panama]
- Hall, S. K.
1996. Behaviour and natural history of *Greta oto* in captivity (Lepidoptera: Nymphalidae: Ithomiinae). *Trop. Lepid.* (Gainesville), 7:161-165. [Costa Rica, UK]
- Hecq, J.
1996a. Nouvelles espèces soud-espèces et formes d'*Euphaedra* (Lepidoptera, Nymphalidae). *Lambill.* (Tervuren), 96:126-128. [Cameroon, Central African Republic, Ghana, Zaire]
1996b. Au sujet des *Bebearia* du groupe *tentyris* Hew. (Lepidoptera, Nymphalidae). *Lambill.* (Tervuren), 96:215-218. [Cameroon, Zaire]
1996c. A propos d'*Euryphura* et d'*Euriphene* (Nymphalidae africains). *Lambill.* (Tervuren), 96:147-148. [Africa]
- Inoue, T.
1996. *Agrias* hunting in Jeberos and Satipo, Peru. *Yadoriga* (Osaka), 167:2-12. [in Japanese]
- Inoue, T., and I. Callegari-C.
1996. Two female *Agrias sardanapalus lugens* (Lepidoptera, Nymphalidae) with hindwing red veins from Satipo, Peru. *Trans. Lepid. Soc. Japan* (Osaka), 47:266-268.
- Jiggins, C. D., W. O. Mcmillan, W. Neukirchen, and J. Mallet
1996. What can hybrid zones tell us about speciation? The case of *Heliconius erato* and *H. himera* (Lepidoptera: Nymphalidae). *Biol. J. Linn. Soc.* (London), 59:221-242. [Ecuador, Peru]
- Kawai, M.
1996. A new subspecies of *Cethosia chrysippe* (Fabricius) (Lepidoptera, Nymphalidae) from the Tanimbar Is. *Trans. Lepid. Soc. Japan* (Osaka), 47:108-110. [Indonesia] [in Japanese]
- Kesselring, J.
1996. Beobachtungen an *Callicore sorana* Godart (Lep., Nymphalidae). *Galathea* (Nuremberg), 12:47-52. [Brazil]
- Kuznetsov, V. I., and A. A. Stekol'nikov
[1996]. Position of tropical families Danaidae and Libytheidae in the system of Lepidoptera according to the results of study of the skeleton and musculature of male genitalia. *Vest. St. Petersburg Univ.*, (3. Biol.) 4:3-9, 121. (1995). [in Russian]
- Libert, M.
1996. Nouveaux *Bicyclus* du Cameroun (Lepidoptera, Satyridae). *Bull. Soc. Ent. Fr.* (Paris), 101:201-208. [Cameroon]
- Linares, M.
1996. The genetics of the mimetic coloration in the butterfly *Heliconius cydno weymeri*. *J. Heredity* (Cary), 87:142-149. [Colombia]
- Luis-Martínez, A., J. Llorente-Bousquets, and I. Vargas-Fernández
1996. Distribución geográfica, estacionalidad y comportamiento de *Diaethria asteria* (Lepidoptera: Nymphalidae). *Trop. Lepid.* (Gainesville), 7:39-44. [Mexico]
- Maes, J. M.
[1996a]. *Epiphile oreia* ssp. *plusios* Godman & Salvin (Lepidoptera: Nymphalidae) nuevo reporte para Nicaragua. *Revta. Nica. Ent.* (Leon), 33:17-20. (1995)
[1996b]. *Hamadryas atlantis* ssp. *atlantis* Bates (Lepidoptera: Nymphalidae) nuevo reporte para Nicaragua. *Revta. Nica. Ent.* (Leon), 34:1-7. (1995)
[1996c]. Fauna entomológica de la Reserva Natural Bosawas, Nicaragua. I. *Tigridia acesta* (Linnaeus) nuevo para la fauna de Nicaragua (Lepidoptera: Nymphalidae). *Revta. Nica. Ent.* (Leon), 34:23-24. (1995)
[1996d]. Fauna entomológica de la Reserva Natural Bosawas, Nicaragua. II. *Cissia*: cuatro nuevos reportes para la fauna de Nicaragua (Lepidoptera: Nymphalidae: Satyrinae). *Revta. Nica. Ent.* (Leon), 34:25-28. (1995)
1996e. Fauna entomológica de la Reserva Natural Bosawas, Nicaragua. III. Dos reportes del género *Hamadryas*, nuevos para la fauna de Nicaragua (Lepidoptera: Nymphalidae). *Revta. Nica. Ent.* (Leon), 35:1-4.
1996f. Fauna entomológica de la Reserva Natural Bosawas, Nicaragua. IV. *Taygetis penelea* (Cramer) nuevo para la fauna de Nicaragua (Lepidoptera: Nymphalidae: Satyrinae). *Revta. Nica. Ent.* (Leon), 35:5-8.
1996g. Fauna entomológica de la Reserva Natural Bosawas, Nicaragua. V. *Morpho cypris* Westwood confirmación de su presencia en Nicaragua (Lepidoptera: Nymphalidae: Morphinae). *Revta. Nica. Ent.* (Leon), 36:1-3.
1996h. Fauna entomológica de la Reserva Natural Bosawas, Nicaragua. VI. *Amphydecta pignerator* Butler, especie nueva para la fauna de Nicaragua (Lepidoptera: Nymphalidae: Satyrinae). *Revta. Nica. Ent.* (Leon), 36:5-8.
1996i. Fauna entomológica de la Reserva Natural Bosawas, Nicaragua. VII. Dos Morphinae nuevos para la fauna de Nicaragua (Lepidoptera: Nymphalidae: Satyrinae). *Revta. Nica. Ent.* (Leon), 36:7-9.
- Maes, J. M., and R. Brabant
1996. Premier recensement d'*Hamadryas atlantis* Bates, 1864 pour le Nicaragua (Lepidoptera, Nymphalidae). *Lambill.* (Tervuren), 96:15.
- Merrett, P. J.
1996. Life histories of three *Taenaris* species (Nymphalidae: Amathusiinae) in Papua New Guinea. *J. Lepid. Soc.* (Los Angeles), 50:261-268.
- Meyer, C. E.
1996. Notes on the immature stages of *Euploea darchia darchia* (W. S. Macleay) (Lepidoptera: Nymphalidae). *Austral. Ent.* (Brisbane), 23:81-82. [Australia]
- Morais, H. C., I. R. Diniz, and J. R. Silva
1996. Caterpillars of *Siderone marthesia nemesia* (Illiger) (Lepidoptera: Nymphalidae: Charaxinae) in cerrado near Brasília, Distrito Federal, Brazil. *Revta. Brasil. Zool.* (São Paulo), 13:351-356. [in Portuguese]

Moreira, G. R. P., C. A. Correa, and E. Mugrabi-Oliveira

1996. Pollination of *Habenaria pleiophylla* Hoehne and Schlechter (Orchidaceae) by *Heliconius erato phyllis* Fabricius (Lepidoptera: Nymphalidae). *Revta. Brasil. Zool.* (São Paulo), 13:791-798. [Brazil] [in Portuguese]

Neukirchen, W. M.

- 1996a. Ein neues Taxon der Gattung *Asterope* nebst Abbildung bislang unbekannter Weibchen (Lepidoptera: Nymphalidae). *Ent. Zeit.* (Frankfurt), 106:1-4. [French Guiana]

- 1996b. Zwei neue Subspecies von *Heliconius leucadia* Bates 1862 (Lepidoptera: Nymphalidae). *Ent. Zeit.* (Frankfurt), 106:279-283. [Peru]

Nishida, R., S. Schulz, C. S. Kim, H. Fukami, Y. Kuwahara, K. Honda, and N. Hayashi

1996. Male sex pheromone of a giant danaine butterfly, *Idea leuconoe*. *J. Chem. Ecol.* (New York), 22:949-972. [Japan; se. Asia]

Otero, L. D., and A. Aiello

1996. Descriptions of the immature stages of *Adelpha alala* (Nymphalidae). *J. Lepid. Soc.* (Los Angeles), 50:329-336. [Venezuela]

Penz, C. M., and R. B. Francini

1996. New species of *Actinote* Hübner (Nymphalidae: Acraeinae) from southeastern Brazil. *J. Lepid. Soc.* (Los Angeles), 50:309-320.

Roos, P. H.

1996. Eine neue Art der Gattung *Cirrochroa* Doubleday aus Südost-Sulawesi, Indonesien (Lepidoptera: Nymphalidae). *Ent. Zeit.* (Frankfurt), 106:30-36.

Rydon, A. H. B.

1996. Notes on some members of the *Cymothoe aurivillii* group (Lepidoptera, Nymphalidae). *Lambill.* (Tervuren), 96:8-14. [Tanzania]

Saccheri, I. J., P. M. Brakefield, and R. A. Nichols

1996. Severe inbreeding depression and rapid fitness rebound in the butterfly *Bicyclus anynana* (Satyridae). *Evol.* (Lawrence), 50:2000-2013. [Africa]

Salazar-E., J. A.

1996. Noticias sobre algunos Satyrinae poco conocidos para Colombia (Lepidoptera: Nymphalidae). *Bol. Cient. Mus. Hist. Nat. Univ. Caldas* (Manizales), 1:17-21.

Sato, H.

1996. A female of *Polyura dehanii* from W. Jawa. *Yadoriga* (Osaka), 168:2-3. [in Japanese]

Schröder, H., and C. G. Treadaway

1996. Neue Lepidoptera von den Philippinen, 13. *Ent. Zeit.* (Frankfurt), 106:368-374. [Philippines]

Schwarz, A., and D. K. Wetherbee

1996. *Calisto* (Lepidoptera: Satyridae) of the Hispaniolan western Cordillera Central. *Caribbean J. Sci.* (Mayaguez), 32:158-165. [Dom. Rep.]

Sourakov, A.

1996. Notes on the genus *Calisto*, with descriptions of the immature stages (part I) (Lepidoptera: Nymphalidae: Satyrinae). *Trop. Lepid.* (Gainesville), 7:91-112. [Dominican Rep.]

Sourakov, A., and T. C. Emmel

1996. Notes on the life history of *Anetia jaegeri* from Hispaniola (Lepidoptera: Nymphalidae: Danainae). *Trop. Lepid.* (Gainesville), 7:155-159. [Dominican Rep.]

Spitzer, K., and J. Jaroš

1996. Notes on *Stichopthalma* species in the Tam Dao Mountains of northern Vietnam (Lepidoptera: Amathusiidae). *Trop. Lepid.* (Gainesville), 7:143-145.

Trigo, J. R., K. S. Brown, Jr., L. Witte, T. Hartmann, L. Ernst, and L. E. S. Barata

1996. Pyrrolizidine alkaloids: different acquisition and use patterns in Apocynaceae and Solanaceae feeding ithomiine butterflies (Lepidoptera: Nymphalidae). *Biol. J. Linn. Soc.* (London), 58:99-123. [Brazil]

Vargas-Fernández, I., J. Llorente-Bousquets, and A. Luis-Martínez

1996. Distribución fenología de tres especies del género *Eunica* en México (Lepidoptera: Nymphalidae). *Trop. Lepid.* (Gainesville), 7:121-126.

West, B. K.

- 1996a. *Acraea violae* Fab. (Lep.: Acraeidae) a new species for Thailand. *Ent. Rec. J. Var.* (Surrey), 108:26.

- 1996b. *Melanitis leda* L. (Lep.: Satyridae) crepuscular flight in Thailand. *Ent. Rec. J. Var.* (Surrey), 108:41-42.

- 1996c. *Hypanartia lethe* Fab., ssp. *demonica* Hübner, 1821 (Lep.: Nymphalidae): a synonym designated a subspecies. *Ent. Rec. J. Var.* (Surrey), 108:289-290, pl. F. [Venezuela]

White, R. S.

1996. A new *Charaxes* from the Mwanihana Forest in Tanzania (Lepidoptera, Nymphalidae). *Lambill.* (Tervuren), 96:49-51.

Wiemers, M.

1996. A migration of *Tirumala hamata hamata* (Macleay, 1827) in Queensland, Australia (Lepidoptera, Nymphalidae, Danainae). *Atalanta* (Munich), 27:107-108.

Wolfe, K. V.

1996. Notes on the early stages of *Zethenia musides* (Lepidoptera: Nymphalidae: Satyrinae). *Trop. Lepid.* (Gainesville), 7:147-150. [Philippines]

Yamamoto, A., and S. Takei

1996. A new subspecies of *Parantica dannatti* (Talbot) (Lepidoptera, Danainae) from southeastern Mindanao, the Philippines. *Trans. Lepid. Soc. Japan* (Osaka), 47:57-58.

Zanetti, R., E. F. Vilela, J. C. Zanuncio, and J. I. L. Moura

1996. Ritmo de atividade diária de vôo de *Brassolis sophorae* (L., 1758) (Lepidoptera, Nymphalidae). *Revta. Bras. Ent.* (São Paulo), 40:245-248. [Brazil]

OECOPHORIDAE

Li, H. H., S. X. Wang, and G. Y. Yan

1996. A new species and a new record of the oecophorid moths (Lepidoptera: Oecophoridae) from China. *Entomotaxon.* (Yangling), 18:205-208. [China: Yunnan]

Lvovsky, A. L.

1996. A review of the genus *Lamprystica* Meyrick, 1914, with the description of a new subfamily (Lepidoptera, Agonoxenidae). *Atalanta* (Munich), 27:427-432. [Southeast Asia]

OXYTENIDAE

Racheli, L., and T. Racheli

1996. Note preliminari sugli Oxytenidae e Sematuridae dell'Ecuador (Lepidoptera). *Boll. Soc. Ent. Ital.* (Genoa), 128:151-154.

PAPILIONIDAE

Deslisle, G.

1996. Nouvelle forme femelle chez *Troides oblongomaculatus papuensis* Wallace 1865 (Lepidoptera, Papilionidae). *Lambill.* (Tervuren), 96:631-632. [Irian Jaya]

Hasenpusch, J., and P. Popescu

1996. A chromosome study of Australian *Ornithoptera* Boisduval (Lepidoptera: Papilionidae). *Austral. Ent.* (Brisbane), 23:115-116.

Larsen, T. B.

1996. *Graphium almansor* (Honrath 1884) in West Africa, and the status of *G. carchedonius* (Karsch 1895) (Lepidoptera: Papilionidae). *Lambill.* (Tervuren), 96:137-140. [Angola, Cameroon, Ghana, Guinea, Nigeria, Togo]

Luis-Martínez, A., I. Vargas-Fernández, and J. Llorente-Bousquets

1996. Synthesis of the Papilionoidea (Lepidoptera: Rhopalocera) from the state of Veracruz. *Fol. Ent. Mex.* (Mexico City), 0:91-133. [Mexico] [in Spanish]

Manguin, R.

1996. Nouvelle sous-espèce chez *Papilio memnon* Linné 1758 de l'île Bélingit d'Indonésie (Lepidoptera, Papilionidae). *Lambill.* (Tervuren), 96:324-328. [Indonesia]

Matsumoto, K., and A. W. Noerdjito

1996. Establishment of *Papilio demoleus* L. (Papilionidae) in Java. *J. Lepid. Soc.* (Los Angeles), 50:139-140. [Indonesia]

Moonen, J. J. M.

1996. A new natural hybrid of *Papilio* Linnaeus from W. Irian and remarks on *Papilio heringi* Niepelt from Halmahera (Lepidoptera, Papilionidae). *Trans. Lepid. Soc. Japan* (Osaka), 47:185-188. [Indonesia]

Nishimura, M.

1996. Notes on some Papilionidae from Indo-China (2). *Trans. Lepid. Soc. Japan* (Osaka), 47:40-48. [Lao, Thailand, Vietnam] [in Japanese]

Parsons, M.

- 1996a. Conservation of the birdwing butterflies (*Ornithoptera* and *Troides*, Lepidoptera: Papilionidae): not hard if we try. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 150-156. Osaka: Lepid.

- Soc. Japan (Yadoriga Spec. Issue). [Papua New Guinea]
- 1996b. The immature stages of *Pharmacophagus antenor* (Drury) (Papilionidae: Troidini) from Madagascar. *J. Lepid. Soc.* (Los Angeles), 50:337-344.
- Racheli, T., and L. Racheli**
- 1996a. Notes on *Parides erithalion* and description of a new subspecies from Peru (Lepidoptera: Papilionidae). *Lambill.* (Tervuren), 96:59-62.
- 1996b. A new subspecies of *Pterourus zagreus* Doubleday, 1847 from western Amazonia (Lepidoptera: Papilionidae). *Lambill.* (Tervuren), 96:699-702. [Brazil; Peru]
- Scriber, J. M., and R. C. Lederhouse**
1996. Illustrated field notes on *Papilio astyalus pallas* in Costa Rica (Lepidoptera: Papilionidae). *Trop. Lepid.* (Gainesville), 7:119-120.
- Sendi, J. J., K. P. Srivastava, and M. R. K. Singh**
1996. Postembryonic study on the development of the female efferent genital system in the lemon-butterfly, *Papilio demoleus* L. (Lepidoptera). *J. Res. Lepid.* (Beverly Hills), 32:162-169 (1993). [India]
- Uesugi, K.**
1996. The adaptive significance of Batesian mimicry in the swallowtail butterfly, *Papilio polytes* (Insecta, Papilionidae): associative learning in a predator. *Ethology* (Berlin), 102:762-775. [Ryukyu Is.]
- PIERIDAE**
- Anken, R. H., M. H. Pinto-Bivar de Matos e Silva**
1996. Beschreibung einer neuen Unterart von *Aphrissa statira* (Cramer, 1777) aus Südost-Brasilien nebst Bemerkungen zur Taxonomie der Art im Gesamtverbreitungsgebiet (Lepidoptera, Pieridae). *Facetta* (Ingolstadt), 12:5-12. [Brazil]
- Benyamini, D.**
1996. Pupal summer diapause in Chilean *Pieris brassicae* (Linnaeus, 1758) (Lepidoptera, Pieridae). *Nota Lepid.* (Munich), 18:184-192 (1995).
- Brévignon, C.**
1996. Description d'une nouvelle sous-espèce de *Eurema daira* (Godart, 1819) de Guyane française (Lepidoptera Pieridae). *Lambill.* (Tervuren), 96:47-48. [French Guiana]
- Moss, J. T. St. L., M. de Baar, and D. L. Hancock**
1996. New overlap records in the *Elodina angulipennis* (P. H. Lucas) group (Lepidoptera: Pieridae). *Austral. Ent.* (Brisbane), 23:27-28. [Australia]
- Nishimura, M.**
1996. Notes on *Pareronia avatar* and *P. paravatar* (Lepidoptera, Pieridae), with a description of a new species from Sumatra. *Trans. Lepid. Soc. Japan* (Osaka), 47:269-277. [Indonesia] [in Japanese]
- Racheli, T.**
1996. An annotated checklist of Ecuadorian Pieridae (Lepidoptera, Pieridae). *Atalanta* (Munich), 27:545-580.
- Tusov, V. K.**
1996. Checklist of the genus *Delias* Hübner, 1819 (Lepidoptera, Pieridae). *Actias* (Moscow), 2:111-123. (1995) [Indo-Australia]
- Van Mastrigt, H.**
- 1996a. Review of "An illustrated list of the genus *Delias* Hübner of the world" (Lepidoptera: Pieridae). *Neue Ent. Nachr.* (Marktleuthen), 38:9-19.
- 1996b. New species and subspecies of *Delias* Hübner, [1819] from the central mountain range of Irian Jaya, Indonesia (Lepidoptera: Pieridae). *Neue Ent. Nachr.* (Marktleuthen), 38:21-55. [New Guinea]
- PLUTELLIDAE**
- Dugdale, J. S.**
1996. *Chrysorthenches* new genus, conifer-associated plutellid moths (Yponomeutoidea, Lepidoptera) in New Zealand and Australia. *New Zealand J. Zool.* (Wellington), 23:33-59.
- Reddy, G. V. P., and K. C. D. Urs**
1996. Studies on the sex pheromone of the diamondback moth *Plutella xylostella* (Lepidoptera: Yponomeutidae) in India. *Bull. Ent. Res.* (London), 86:585-590.
- PROTOTHORIDAE**
- Davis, D. R.**
1996. A revision of the southern African family Protothoridae (Lepidoptera: Hepialoidea). *Ent. Scand.* (Copenhagen), 27:393-439.
- PTEROPHORIDAE**
- Arenberger, E.**
1996. Die *Agdistis*-Arten der äthiopischen Region. 3. Beitrag (Lepidoptera: Pterophoridae, Agdistinae). *SHILAP Revta. Lepid.* (Madrid), 24:175-182. [Africa]
- Arenberger, E., and J. Wojtusik**
1996. Pterophoridae aus Nigeria (Insecta, Lepidoptera). *Zeit. Arbeitsgem. Österr. Ent.* (Vienna), 48:73-85.
- Gibeaux, C. A.**
- [1996]. A new *Crassuncus* from Kenya (Lepidoptera, Pterophoridae). *Bull. Soc. Ent. Fr.* (Paris), 100:450. [in French]
1996. Pterophoridae de Madagascar (Lepidoptera). *Bull. Soc. Ent. Fr.* (Paris), 101:53-58.
- Giellis, C.**
1996. Neotropical Pterophoridae 12: New Species (Lepidoptera: Pterophoridae). *SHILAP Revta. Lepid.* (Madrid), 24:81-110.
- Yano, K., J. F. G. Clarke, and Y. Yoshiyasu**
1996. Insects of Micronesia. Volume 9, No. 3. Lepidoptera: Pterophoridae. *Micronesica* (Guam), 28:131-151.
- PYRALIDAE**
- Burrows, D. W.**
1996. Herbivorous insects associated with the paperbark *Melaleuca quinque-nervia* and its allies: V. Pyralidae and other Lepidoptera. *Austral. Ent.* (Brisbane), 23:7-16. [Australia]
- Clavijo-A., J. A., and E. G. Munroe**
1996. Una nueva especie de *Diaphania* de America tropical (Lepidoptera: Pyraloidea: Crambidae). *Trop. Lepid.* (Gainesville), 7:151-153. [Costa Rica]
- Inoue, H.**
- 1996a. The Pyralidae of the Ogasawara Islands (Lepidoptera). Moths of Ogasawara (Bonin) Islands. Part III. *Bull. Otsuma Women. Univ., Home Econ.* (Iruma City), 32:75-111. [Japan]
- 1996b. On *Pyralis manihotalis* Guenée (Pyralidae) collected at Ishigaki Island, Okinawa. *Japan. Heteroc. J.* (Tokyo), 189:222. [in Japanese]
- 1996c. Revision of the genus *Palpita* Hübner (Crambidae, Pyraustinae) from the eastern Palaearctic, Oriental and Australian regions. Part 1: Group A (annulifer group). *Tinea* (Tokyo), 15:12-46.
- Lin, C. S., C. C. Chen**
1996. Studies on the life history of *Hellula undalis* Fab in central Taiwan. *Bull. Taichung Dist. Agric. Improvement Sta.* (Taichung), 0:41-48. [in Chinese]
- Maes, K. V. N.**
1996. The Meyrick types of Scopariinae, Nymphulinae, Schoenobiinae, Pyraustinae in the Royal Museum of Central Africa, Tervuren, Belgium (Lepidoptera: Pyraloidea: Crambidae). *J. Nat. Hist.* (London), 30:1405-1411. [Africa]
- Meijerman, L., and S. A. Ulenberg**
1996. Identification of African stemborer larvae (Lepidoptera: Noctuidae, Pyralidae) based on morphology. *Bull. Ent. Res.* (London), 86:569-578.
- Neunzig, H. H.**
1996. New species of Phycitinae (Lepidoptera: Pyralidae) from the Dominican Republic. *Proc. Ent. Soc. Washington*, 98:774-801.
- Maes, K. V. N.**
1996. New species of Scopariinae from Cameroon (Lepidoptera, Pyraloidea, Crambidae). *Lambill.* (Tervuren), 96:295-304.
- Phillips-R., E., and M. A. Solis**
1996. *Neurophyseta* (Lepidoptera: Crambidae) from Costa Rica. *Revta. Biol. Trop.* (San Jose), 44:693-717. [in Spanish]
- Sardana, H. R.**
1996. Determination of number of instars of sugarcane stalk borer, *Chilo auricilius* Dudgeon. *Crop Res.* (Hisar), 11:353-358. [India]
- Solis, M. A.**
1996. Pyraloidea (Lepidoptera). In J. Llorente-B., et al. (eds.), *Biodiversidad, Taxonomia y Biogeografia de Artropodos de Mexico: Hacia una Sintesis de su Conocimiento*, 521-530. Mexico City: Univ. Nac. Auton. Mex.
- Yen, S. H.**
1996. *Aeolopetra lanyuensis* Yen, a new pyralid moth (Pyralidae, Musotiminae) from Taiwan. *Tinea* (Tokyo), 14:293-299.
- Yen, S. H., and P. S. Yang**
1996. *Uthinia albisignalis* (Hampson) (Pyralidae: Scopariinae) from Taiwan. *Japan Heteroc. J.* (Tokyo), 187:189-191.

RHOPALOCERA

Austin, G. T., N. M. Haddad, C. Méndez, T. D. Sisk, D. D. Murphy, A. E. Launer, and P. R. Ehrlich

1996. Annotated checklist of the butterflies of the Tikal National Park area of Guatemala. *Trop. Lepid.* (Gainesville), 7:21-37.

Berge, E. P. van den, B. Murray, M. Schweighofer, and J. Hale

- [1996]. Mariposas de la Laguna de Apoyo, Nicaragua. *Revta. Nica. Ent.* (Leon), 34:33-39. (1995)

Brown, K. S., Jr.

- 1996a. Conservation of threatened species of Brazilian butterflies. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 45-62. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue). [Brazil]
- 1996b. The use of insects in the study, inventory, conservation and monitoring of biological diversity in Neotropical habitats, in relation to traditional land use systems. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and Conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 128-149. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue). [Brazil]

Chao, L., and H. Y. Wang

- 1996a. *Lepidoptera of China. 1. Butterflies in Sichuan Province: Papilionidae, Parnassiidae, Pieridae, Danaidae, Amathusiidae, Satyridae, Hesperidae*. Taipei: Taiwan Mus. 349pp.
- 1996b. *Lepidoptera of China. 2. Butterflies in Sichuan Province: Nymphalidae, Lytheidae, Riodinidae, Lycaenidae*. Taipei: Taiwan Mus. 287pp.

Grund, R.

1996. A butterfly record from Browse Island, northwest shelf, Australia. *Austral. Ent.* (Brisbane), 23:86.

Hawkins, B. A., and P. J. DeVries

1996. Altitudinal gradient in the body size of Costa Rican butterflies. *Acta Oecolog.* (Montrouge), 17:185-194.

Morinaka, S.

- 1996a. Butterflies and nature of Bali Island and its vicinities. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 211-217. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue). [Indonesia]
- 1996b. Butterflies of tropical rain forests and changes of their habitats in South East Asia. In B. Tanaka and Y. Arita (eds.), *Decline and Conservation of Butterflies in Japan IV*, 57-62. Tokyo: Lepid. Soc. Japan. [Southeast Asia] [in Japanese]

Khatri, T. C.

1996. Butterflies of the Andaman and Nicobar Islands: conservation concerns. *J. Res. Lepid.* (Beverly Hills), 32:170-184 (1993). [India]

Luis-Martinez, A., I. Vargas-Fernandez, and J. Llorente-Bousquets

1996. Síntesis de los Papilionoidea (Lepidoptera: Rhopalocera) del Estado de Veracruz. *Fol. Ent. Mex.* (Mexico City), 93:81-133. (1995) [Mexico]

Ohsaki, N.

1996. Thermal ecology of butterflies in tropical forest. In B. Tanaka and Y. Arita (eds.), *Decline and Conservation of Butterflies in Japan IV*, 91-100. Tokyo: Lepid. Soc. Japan. [Borneo] [in Japanese]

Orr, A. G., and C. L. Häuser

1996. Kuala Belalong, Brunei: a hotspot of Old World butterfly diversity. *Trop. Lepid.* (Gainesville), 7:1-12.

Parsons, M.

1996. Butterfly farming in the Indo-Australian region: an effective and sustainable means of combining conservation and commerce to protect tropical forests. In S. A. Ae, T. Hirowatari, M. Ishii, and L. P. Brower (eds.), *Decline and conservation of Butterflies in Japan III. Proceedings, International Symposium on Butterfly Conservation, Osaka, Japan, 1994*, 63-77. Osaka: Lepid. Soc. Japan (Yadoriga Spec. Issue).

Paukstadt, U.

1996. Schmetterlingsjagd auf Palawan, Philippinen. *Galathea* (Nuremberg), 12:79. [Philippines]

Raguso, R. A., and O. Gloster

1996. Preliminary checklist and field observations of the butterflies of the Maquipucuna Field Station (Pichincha Province, Ecuador). *J. Res. Lepid.* (Beverly Hills), 32:135-161 (1993).

Ramos, S. J.

1996. An annotated checklist of the butterflies of Puerto Rico. In Scientific

Survey of Puerto Rico and the Virgin Islands. *Ann. New York Acad. Sci.*, 776:217-238.

Salazar-Escobar, J. A.

- 1996a. Sobre la concentración de lepidópteros ropalóceros en la cumbre de un cerro del noroccidente de Caldas, Colombia (Insecta: Lepidoptera). *SHILAP Revta. Lepid.* (Madrid), 24:183-195.

Salleh, I., and N. Sulaiman

1996. Butterfly list (Lepidoptera: Rhopalocera) from Malaysia in the collection of the Centre for Insect Systematics, Univ. Kebangsaan Malaysia. *Serangga* (Bangi), 1:29-40. [in Malay]

Singh, A. P.

1996. Nectar feeding butterflies of *Dobregesia hypoleuca* Wedd. *Indian Forester* (Dehra Dun), 122:191. [India]

Vargas-F., I., A. Luis-M., J. Llorente-B., and A. D. Warren

1996. Butterflies of the state of Jalisco, Mexico. *J. Lepid. Soc.* (Los Angeles), 50:97-138.

Winhard, W.

1996. Convergent development of color patterns in butterflies: field studies in Asia, Africa and South America. *Spixiana* (Munich), Suppl.:1-192. [in German]

Zaidi, M. I., and I. Salleh

1996. List of butterflies (Lepidoptera: Rhopalocera) from Sabah in the repository of the Centre for Insect Systematics, Universiti Kebangsaan Malaysia. *Serangga* (Bangi), 1:109-124. [in Malay]

RIODINIDAE

Brévignon, C.

1996. Notes sur les Nemeobiinae de Guyane française. I. Etude de sept groupes d'espèces jumelles du genre *Euselasia* Kirby, 1871 (Lepidoptera Riodinidae). *Lambill.* (Tervuren), 96:722-732. [French Guiana]

DeVries, P. J., and J. P. W. Hall

1996. Two new species of Costa Rican butterflies (Lepidoptera: Riodinidae). *Trop. Lepid.* (Gainesville), 7:87-90.

Gallard, J.-Y.

1996. Trois nouveaux Riodinidae de Guyane française (Lepidoptera). *Lambill.* (Tervuren), 96:43-46. [French Guiana]

Hall, J. P. W., and K. R. Willmott

- 1996a. The genus *Theope*: four new species and a new subspecies (Lepidoptera: Riodinidae). *Trop. Lepid.* (Gainesville), 7:63-67. [Costa Rica, Ecuador, Guyana, Panama, Peru]
- 1996b. Notes on the genus *Argyrogrammana*, part 2, with one new species (Lepidoptera: Riodinidae). *Trop. Lepid.* (Gainesville), 7:71-80. [Ecuador]
- 1996c. Systematics of the riodinid tribe Symmachiini, with the description of a new genus and five new species from Ecuador, Venezuela and Brazil (Lepidoptera: Riodinidae). *Lambill.* (Tervuren), 96:637-660.

Zanuncio, T. V., J. C. Zanuncio, J. B. Torres, and A. J. Laranjeiro

- [1996]. Biología de *Euselasia hygenius* (Lepidoptera, Riodinidae) e seu consumo foliar em *Eucalyptus urophylla*. *Revta. Bras. Ent.* (São Paulo), 39:487-492. (1995) [Brazil]

SATURNIIDAE

Bouyer, T.

- [1996a]. Description of a new African Saturniidae, *Orthogoniopitulum occidentalis* sp. nov. (Lepidoptera, Saturniidae). *Bull. Ann. Soc. Roy. Belg. Ent.* (Brussels), 131:477-479. (1995) [Ivory Coast] [in French]
- 1996b. Description d'une nouvelle espèce de *Maltagorea* Bouyer, 1993 (Lepidoptera, Saturniidae). *Bull. Ann. Soc. Roy. Belg. Ent.* (Brussels), 132:3-5. [Madagascar]

Buchsbaum, U., and F. Brüggeheimer

1996. The Saturniidae of Sumatra, Appendix II: *Antheraea* (*Antheraea*) *diehli* Lemaire discovered on Nias Island, with notes on the eggs and a rearing attempt (Lepidoptera). In *Heterocera Sumatrana*, 1996:171-174. [Indonesia]

Darge, P.

1996. Nouvelles descriptions de Ludiinae du Togo et du Cameroun (Lepidoptera, Saturniidae). *Lambill.* (Tervuren), 96:123-125. [Cameroon, Togo]

Dash, A. K., C. S. K. Mishra, B. K. Nayak, and M. C. Dash

1996. Effect of mating duration on oviposition rate and hatchability of the Indian tasar silk moth *Antheraea mylitta* (Saturniidae) in different seasons. *J. Res. Lepid.* (Beverly Hills), 32:75-78 (1993). [India]

- Drechsel, U., and R. E. J. Lampe
1996. Die Präimaginalstadien von *Neorcania basirei* (Schaus 1892) mit Anmerkungen zur Biogeographie (Lepidoptera: Saturniidae, Ceratocampinae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 17:143-152. [Paraguay]
- Häuser, C. L., D. Stünig, and W. A. Nässig
1996. Observations on the early stages of *Archaeoattacus staudingeri* (Rothschild, 1895) in northern Borneo (Sabah, Malaysia) (Lepidoptera: Saturniidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 17:169-182.
- Holloway, J. D., S. Naumann, and W. A. Nässig
1996. The *Antheraea* Hübner (Lepidoptera: Saturniidae) of Sulawesi, with descriptions of new species. Part 2: The species of the *frithi*-group. *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 17:225-258. [Indonesia]
- Lemaire, C., and D. H. Janzen
1996. A new *Pseudodirphia* from Costa Rica and Panama (Lepidoptera: Saturniidae: Hemileucinae). *Trop. Lepid.* (Gainesville), 7:60-62.
- Mohanraj, P., and K. Veenakumari
1996. The host plant and pre-imaginal stages of *Actias callandra* (Saturniidae) from the Andaman Islands, India. *J. Res. Lepid.* (Beverly Hills), 32:16-25 (1993).
- Nässig, W. A.
1996. A new, unexpected species of *Lemaireia* Nässig & Holloway, 1987 from the south of Vietnam (Lepidoptera: Saturniidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 17:275-282.
- Nässig, W. A., R. E. J. Lampe, and S. Kager
1996. The Saurniidae of Sumatra (Lepidoptera). In *Heterocera Sumatrana*, 1996:3-170. [Indonesia]
- Nässig, W. A., and F. Taschner
1996. Beschreibung einer Altraupe von *Attacus aurantiacus* Rothschild 1895 von den Kai-Inseln, Indonesien (Lepidoptera: Saturniidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 17:153-159. [Indonesia]
- Naumann, S., and U. Paukstadt
1996. Beschreibung des Weibchens von *Attacus paraliae* Peigler 1985 vom Banggai-Archipel, Indonesien (Lepidoptera: Saturniidae). *Ent. Zeit.* (Frankfurt), 106:121-125. [Indonesia]
- Paukstadt, L. H., S. Naumann, and U. Paukstadt
1996. Beschreibung der Präimaginalstadien von *Samia vandenberghi* (Watson 1915) von Sulawesi, Indonesien, sowie Angaben zur Biologie und Ökologie (Lepidoptera: Saturniidae). *Ent. Zeit.* (Frankfurt), 106:353-359. [Indonesia]
- Paukstadt, L. H., and U. Paukstadt
1996. Beschreibung der Präimaginalstadien von *Loepa minahassae* Mell 1938 von Sulawesi, Indonesien, sowie Angaben zur Biologie und Ökologie (Lepidoptera: Saturniidae). *Ent. Zeit.* (Frankfurt), 106:385-391. [Indonesia]
- Paukstadt, L. H., U. Paukstadt, and S. Naumann
1996. Die Präimaginalstadien von *Antheraea rumphii rumphii* C. Felder 1861 von Ambon, Indonesien, sowie taxonomische Bemerkungen (Lepidoptera: Saturniidae). *Ent. Zeit.* (Frankfurt), 106:165-176. [Indonesia]
- Paukstadt, L. H., U. Paukstadt, S. Naumann, and S. Kohl
1996. Die Präimaginalstadien von *Attacus erebus* Fruhstorfer 1904 von Sulawesi, Indonesien, sowie Angaben zur Biologie und Ökologie (Lepidoptera: Saturniidae). *Ent. Zeit.* (Frankfurt), 106:297-305. [Indonesia]
- Paukstadt, U., and L. H. Paukstadt
1996. Kritische Überlegungen zur Feststellung von Generationszuklen bei Saturniidae (Lepidoptera) der Grossen Sundainseln, Indonesien. *Ent. Zeit.* (Frankfurt), 106:101-102. [Indonesia]
- Peigler, R. S.
1996. Catalog of parasitoids of Saturniidae of the world. *J. Res. Lepid.* (Beverly Hills), 33:1-121 (1994).
- Peigler, R. S., and H. Y. Wang
1996. *Saturniid Moths of Southeastern Asia*. Taipei: Taiwan Mus. 262pp.
- Racheli, L.
[1996a]. Preliminary list of Saturniidae of Misahualli, Napo, Ecuador (Lepidoptera, Saturniidae). *Frag. Ent.* (Rome), 27:117-144. (1995) [in Italian]
[1996b]. Notes on the saturniids of Paraguay with description of the female of *Scolesa hypoxantha* (Lepidoptera, Saturniidae). *Frag. Ent.* (Rome), 27:145-154. (1995) [in Italian]
- Styles, C. V., and J. D. Skinner
1996. Possible factors contributing to the exclusion of saturniid caterpillars (mopane worms) from a protected area in Botswana. *Afr. J. Ecol.* (Oxford), 34:276-283. [*Imbrasia belina*]
- Szepanski, M.
1996. Die Zucht von *Adelowalkeria tristygma* (Boisduval 1872) (Lepidoptera: Saturniidae). *Ent. Zeit.* (Frankfurt), 106:425-428. [Paraguay]
- Veenakumari, K., P. Mohanraj, and W. A. Nässig
1996. *Cricula andamanica* Jordan, 1909 (Lepidoptera, Saturniidae) — an endemic wild silk moth from the Andaman Islands, India. *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 17:263-274.
- Vinciguerra, R., and L. Racheli
1996. Descrizione delle femmine di *Arsenura ponderosa guianensis* e di *Antheraea (Telea) montezuma* (Lepidoptera, Saturniidae). *Frag. Ent.* (Rome), 28:321-326. [Mexico]
- SEMATURIDAE**
Racheli, L., and T. Racheli
1996. Note preliminari sugli Oxytenidae e Sematuridae dell'Ecuador (Lepidoptera). *Boll. Soc. Ent. Ital.* (Genoa), 128:151-154.
- SESIIDAE**
Arita, Y., and O. G. Gorbunov
1996a. A revision of Ferdinand Le Cerf's clearwing moth types (Lepidoptera, Sesiidae) kept at the Paris Museum. I. The genus *Melittia* Hübner, [1819] in the Oriental and Australian Regions. *Japan. J. Syst. Ent.* (Tokyo), 2:137-187.
1996b. New and unrecorded clearwing moths of the genus *Melittia* Hübner, [1819] (Lepidoptera, Sesiidae) from Thailand. *Trans. Lepid. Soc. Japan* (Osaka), 47:157-173.
- Gorbunov, O. G., and Y. Arita
1996a. Discovery of a host plant of *Melittia formosana* Matsumura, 1911 (Lepidoptera, Sesiidae) in Japan. *Trans. Lepid. Soc. Japan* (Osaka), 47:10-12. [Ryukyu Is.]
1996b. New and little-known Oriental *Melittia* Hübner (Lepidoptera, Sesiidae), from the collection of Muséum d'histoire naturelle, Genève. *Rev. Suisse Zool.* (Geneva), 103:323-338. [Philippines, Vietnam]
- SPHINGIDAE**
Chacin, M. E., J. A. Clavijo, and J. De Marmels
1996. *Xylophanes fernandezi* sp.n.: a new hawk moth from Venezuela (Lepidoptera: Sphingidae). *Mitt. Ent. Ges. Basel*, 46:78-84. [in German]
- Göhl, K., U. Buchsbaum, and F. Brüggemeier
1996. Ergebnisse entomo-faunistischer Untersuchungen auf Sumatra (Indonesien). I. Teil: Einleitung und Schwärmer (Lepidoptera, Sphingidae). *Mitt. Thüringer Ent.* (Kranichfeld), 3:10-23. [Indonesia]
- Haxaire, J.
1996a. Les premiers états d'*Oryba kadeni* Schaufuss: écologie et description (Lépidoptères Sphingidae). *Lambill.* (Tervuren), 96:73-79. [French Guiana]
1996b. Les genres *Pachygonidia* Fletcher, *Nyceryx* Boisduval et *Perigonia* Herrich-Schäffer en Guyane française (Lepidoptera Sphingidae). *Lambill.* (Tervuren), 96:342-350. [French Guiana]
1996c. Description d'un nouveau Sphingidae Brésilien: *Nyceryx furtadoi* n.sp. (Lepidoptera Sphingidae). *Lambill.* (Tervuren), 96:351-354. [Brazil]
1996d. Note sur *Eupyrhoglossum venustum* Rothschild & Jordan (Lepidoptera Sphingidae). *Lambill.* (Tervuren), 96:694-698. [Brazil]
- Hogenes, W., and C. G. Treadaway
1996. New taxa of Sphingidae (Lepidoptera) from the Philippines. *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 17:117-122.
- Inoue, H.
1996. Records of the Sphingidae (Lepidoptera) from the Philippines, with descriptions of a new species and a new subspecies. *Bull. Natl. Sci. Mus.* (Tokyo), (A) 22:81-106.
- Kitching, I. J., and R. Brechlin
1996. New species of the genera *Rhodoprasina* Rothschild & Jordan and *Acosmeryx* Boisduval from Thailand and Vietnam, with a redescription of *R. corolla* Cadiou & Kitching (Lepidoptera: Sphingidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), 17:51-66.
- Lachlan, R. B., and M. S. Moulds
1996. A new species of *Theretra* Hübner (Lepidoptera: Sphingidae) from Vanuatu. *Austral. Ent.* (Brisbane), 23:1-6.
- Marmels, J. de, J. A. Clavijo, and M. E. Chacin
1996. A new subspecies of *Xylophanes tersa* (Sphingidae) from Venezuela. *J.*

Paukstadt, U.

1996. Beobachtungen zu Sphingiden-Wanderungen im Golf von Thailand, Südchinesisches Meer (Lepidoptera, Sphingidae). *Atalanta* (Munich), 27:109-110.

Racheli, L.

- 1996a. Note sugli sfingidi del Guatemala (Lepidoptera Sphingidae). *Boll. Soc. Ent. Ital.* (Genoa), 128:155-160.
1996b. I generi *Unzela* Walker, 1856 e *Inyo* Hübner, 1819 in Ecuador (Lepidoptera, Sphingidae). *Lambill.* (Tervuren), 96:515-520.

Racheli, L., and T. Racheli

1996. Osservazioni preliminari sui suoni prodotti dagli sfingidi Neotropici (Lepidoptera Sphingidae). *Boll. Soc. Ent. Ital.* (Genoa), 128:75-76.

Turlin, B.

1996. Faune Lepidopterologique de l'Archipel des Comores (Océan Indien) (Rhopalocères, Sphingidae, Attacidae). *Lambill.* (Tervuren), 96:159-173. [Comoro Is.]

THYATIRIDAE

Yoshimoto, H.

1996. Records of Thyatiridae from Thailand (Lepidoptera). *Tinea* (Tokyo), 14:279-286.

THYRIDIDAE

Li, K. H. K.

1996. Ecological notes on Hong Kong Thyrididae (Lepidoptera) including the immature stages of eight species. *Trans. Lepid. Soc. Japan* (Osaka), 47:125-143.

TINEIDAE

Brandl, R., R. N. K. Bagine, and M. Kaib

1996. The distribution of *Schedorhinotermes lamanianus* (Isoptera: Rhinotermitidae) and its termitophile *Paraclystis* (Lepidoptera: Tineidae) in Kenya: its importance for understanding east African biogeography. *Global Ecol. Biogeog. Lett.* (Oxford), 5:143-148.

Davis, D. R.

1996. Neotropical Tineidae, VI: *Prosetomorpha falcata*, a new genus and species of Setomorphinae (Lepidoptera: Tineoidea) from Colombia associated with curculionid galleries in stems of *Solanum*. *Proc. Ent. Soc. Washington*, 98:173-187.

TORTRICIDAE

Brown, J. W.

1996. New generic assignment, new synonymy, and new distribution records for the Neotropical genus *Icteralia* Razowski (Lepidoptera: Tortricidae). *Pan-Pac. Ent.* (San Francisco), 72:162-163.

Kato, C. M., J. C. De Moraes, L. A. O. Grandeza, and E. Altomare

1995. Rearing of the "mariposa-das-laranjas" (*Gymnandrosoma ausantianum* Lima, 1927) (Lepidoptera: Olethreutidae) on artificial diet. *Ciencia Pratica* (Rio de Janeiro), 19:439-440. [Brazil] [in Portuguese]

Kinjo, M., M. Nagamine, H. Sugie, and Y. Tamaki

1996. Sex pheromone of the sugarcane shoot borer, *Tetramoera schistaceana* Snellen (Lepidoptera: Tortricidae: Olethreutinae): isolation and identification. *Japan. J. Appl. Ent. Zool.* (Tokyo), 40:191-197. [Japan]

Nasu, Y., and Y. Q. Liu

1996. Two new species of the genus *Gibberifera* Obratzsov (Lepidoptera, Tortricidae), with a checklist of the species in China. *Tinea* (Tokyo), 15:69-73.

Suckling, D. M., and C. Ioriatti

1996. Behavioral responses of leafroller larvae to apple leaves and fruit. *Ent. Exper. Appl.* (Dordrecht), 81:97-103. [New Zealand]

URANIIDAE

Heppner, J. B., and H.-Y. Wang

1996. *Lyssa zampa* in Taiwan (Lepidoptera: Uraniidae). *Trop. Lepid.* (Gainesville), 7:146.

ZYGAENIDAE

Efetov, K. A.

- 1996c. The description of the female of *Illiberis* (*Alterasvenia*) *yuennanensis* Alberti, 1951 (Lepidoptera: Zygaenidae, Procrudinae). *Ent. Gaz.*

(Wallingford), 47:111-113. [China]

Owada, M.

1996. Two new chalcosiine moths (Lepidoptera, Zygaenidae) from northern Vietnam. *Bull. Natl. Sci. Mus.* (Tokyo), (A. Zool.) 22:45-53.

Yen, S. H.

1996. A new addition to *Campylotes* (Lepidoptera, Zygaenidae) of Taiwan. *Tinea* (Tokyo), 14:289-292.

Yen, S. H., J. L. Jean, and P. S. Yang

1996. On two *Artona* species from Taiwan (Lepidoptera: Zygaenidae, Procrudinae). *Ent. Gaz.* (Wallingford), 47:99-108.

ECONOMIC LEPIDOPTERA

Burdmann, E. A., I. Autunes, L. B. Saldanha, and R. C. M. R. Abdulkader

1996. Severe acute renal failure induced by the venom of *Lonomia* caterpillars. *Clinical Nephrology* (Deisenhofen), 46:337-339. [Brazil]

Gomi, T.

1996. Mixed life cycles in the transitional zone between voltinisms in the fall webworm, *Hyphantria cunea*. *Experientia* (Basel), 52:273-276. [Japan]

Islam, N., M. Amjad, and S. A. Kakakel

1996. Biology of *Helicoverpa armigera* (Hubner) on different host plants. *Sarhad J. Agric.* (Lahor), 12:559-563. [Noctuidae; Pakistan]

Judd, G. J. R., M. G. T. Gardiner, and D. R. Thomas

1996. Monitoring and predicting seasonal flight of *Oethosia hibisci* (Lepidoptera: Noctuidae) in the Okanagan and Similkameen valleys of British Columbia. *J. Ent. Soc. Brit. Columbia* (Vancouver), 93:11-22. [Canada]

Kojima, A., C. Yamashiro, and M. Arisaka

1996. Regional control threshold of rice stem borer, *Chilo suppressalis* Walker (Lepidoptera: Pyralidae), indicated by adult with sex-pheromone trap. *Japan. J. Appl. Ent. Zool.* (Tokyo), 40:279-286. [Japan] [in Japanese]

Landolt, P. J., and O. Molina

1996. Host-finding by cabbage looper moths (Lepidoptera: Noctuidae): Learning of host odor upon contact with host foliage. *J. Insect Behavior* (Washington), 9:899-908. [USA]

Lee, J. H., and B. H. Kang

1996. Stochastic phenology model for the beet armyworm, *Spodoptera exigua* Hübner (Lepidoptera: Noctuidae), for a mass rearing system. *Seoul Natl. Univ. J. Agric. Sci.* (Seoul), 21:35-46. [Korea]

Lehtonen, J., and R. K. Heikkinen

- [1996]. On the recovery of mountain birch after *Epirrita* damage in Finnish Lapland, with a particular emphasis on reindeer grazing. *Ecosci.* (Quebec), 2:349-356. [Finland]

Leuschner, W. A., J. A. Young, S. A. Waldon, and F. W. Ravlin

1996. Potential benefits of slowing the gypsy moth's spread. *So. J. Appl. For.* (Bethesda), 20:65-73. [USA]

Li, S. Y., and S. M. Fitzpatrick

1996. Responses of larval *Choristoneura rosaceana* (Harris) (Lepidoptera: Tortricidae) to a feeding stimulant. *Can. Ent.* (Ottawa), 129:363-369. [Canada]

MacLean, D. A., and W. Mackinnon

1996. Accuracy of aerial sketch-mapping estimates of spruce budworm defoliation in New Brunswick. *Can. J. Forest Res.* (Ottawa), 26:2099-2108. [Canada; Tortricidae]

Madhumathi, T., and M. Thippeswamy

1996. Age-specific fecundity tables and growth rate of the leaf miner, *Aproaerema modicella* deventer (Lepidoptera: Gelechiidae) on groundnut during different seasons in Andhra Pradesh (India). *J. Ent. Res.* (New Delhi), 20:299-307.

Magadum, S. B., O. K. Rremadevi, R. K. Datta, and N. Shivashankar

- 1996a. Correlation between various nutritional parameters of silkworm, *Bombyx mori* L. during V instar. *Indian J. Sericulture* (Calcutta), 35:138-141. [India]
1996b. Nutritional indices in some bivoltine breeds of silkworm, *Bombyx mori* L. *Indian J. Sericulture* (Calcutta), 35:95-98. [India]

Mottus, E., I. Liblikas, I. H. Williams, S. Kuusik, M. Laanmaa, A. Nilson, and V. Nomm

1996. Performance of *Cydia pomonella*, *Argyresthia conjugella*, *Plutella xylostella*, and *Archips podana* attractant dispensers in Estonia. *Proc. Estonian Acad. Sci.* (Riga), (Biol.) 45:155-170.

Murray, D. A., R. D. Kriegel, J. W. Johnson, and A. J. Howitt

1996. Natural enemies of cranberry fruitworm, *Acrobasis vaccinii* (Lepidoptera: Pyralidae), in Michigan highbush blueberries. *Gt. Lakes Ent.* (East

Nagaraju, J.

1996. Sex determination and sex-limited traits in the silkworm, *Bombyx mori*: their application in sericulture. *Indian J. Sericulture* (Calcutta), 35:83-89. [India]

Nishi, Y., and T. Nonaka

1996. Biological control of the tea tortrix using granulosis virus in the tea field. *Agrochemicals Japan* (Tokyo), 1996:7-10. [Japan; Tortricidae]

Peña, J. E., R. Duncan, and H. Browning

1996. Seasonal abundance of *Phyllocnistis citrella* (Lepidoptera: Gracillariidae) and its parasitoids in south Florida citrus. *Environ. Ent.* (Lanham), 25:698-702. [USA]

Piene, H.

1996. Changes in spruce budworm defoliation with crown level. *Can. Ent.* (Ottawa), 128:1109-1113. [Canada; Tortricidae]

Piene, H., and E. S. Eveleigh

1996. Spruce budworm defoliation in young balsam fir: the 'green' tree phenomenon. *Can. Ent.* (Ottawa), 128:1101-1107. [Canada; Tortricidae]

Schopf, A., and P. Steinberger

1996. The influence of endoparasitic wasp *Glyptapanteles liparidis* (Hymenoptera: Braconidae) on the growth, food consumption, and food utilization of its host larva, *Lymantria dispar* (Lepidoptera: Lymantriidae). *European J. Ent.* (Prague), 93:555-568. [Austria]

Singh, B.D., A. K. Roy, M. K. Singh, J. Jayaswal, P. K. Mishra, and U. P. Griyaghey

1996. Evaluation of commercial rearing of silkworm, *Bombyx mori* L. (Bombycidae: Lepidoptera) in south Bihar. *J. Adv. Zool.* (Golghar), 17:82-85. [India]

Takai, M., and S. Wakamura

1996. Control of the beet armyworm, *Spodoptera exigua* (Hübner), with synthetic sex pheromone. *Agrochem. Japan.* (Tokyo), 32:63-74. [Japan]

Talekar, N. S.

1996. Biological control of diamondback moth in Taiwan - a review. *Plant Prot. Bull.* (Taichung), 38:167-189. [in Chinese]

Tammaru, T., and E. Haukioja

1996. Capitol breeders and income breeders among Lepidoptera-consequences to population dynamics. *Oikos* (Copenhagen), 77:561-564. [Finland]

Tan, Z.-X., R. Gries, G. Gries, G.-Q. Lin, G.-Q. Pu, K. N. Slessor, and J. Li

1996. Sex pheromone components of mulberry looper, *Hemerophila atrilineata* Butler (Lepidoptera: Geometridae). *J. Chem. Ecol.* (New York), 22:2263-2271. [Canada]

Torres-Vila, L. M., M. C. Rodriguez-Molina, and A. Lacasa

1996. An unusual behavior in *Helicoverpa armigera* Hübner (Lepidoptera: Noctuidae): pupation inside tomato fruits. *J. Econ. Ent.* (London), 9:981-984. [Spain]

Villemant, C., and H. Ramzi

1995. Predators of *Lymantria dispar* (Lep.: Lymantriidae) egg masses: Spatio-temporal variation of their impact during the 1988-89 pest generation in the Mamora cork oak forest (Morocco). *Entomophaga* (Paris), 40:441-456. [France]

FLORA & FAUNA BOOKS

P. O. Box 15718, Gainesville, FL 32604

NATURE WORLD

FAX: (352) 373-3249 Tel: (352) 335-5011

e-mail: ffbks@aol.com

Remember, the only one giving you a discount on new books is Flora & Fauna Books: 10% on all titles. And, we start with real list prices from publishers, not inflated "dealer" prices. Prices are in US Dollars.

See our complete catalog at our Home Page: www.ffbooks.com.

ATTACIDAE OF AMERICA [Saturniidae] (Lemaire) 3 vol.	245.00L
BUTTERFLIES (Emmel) (1975) 9 x 12 in. (color)	*75.00Lc
BUTTERFLIES OF ALBERTA (Acorn) (1993)	13.95
BUTTERFLIES OF BAJA CALIFORNIA (Brown et al.) (1992)	25.00
BUTTERFLIES OF BRITAIN/EUROPE (Higgins/riley) (1970)	*40.00c
BUTTERFLIES OF CALIFORNIA (Comstock) (1927)	*650.00Lc
1989 reprint (B/W plates) Introd. by Emmel & Emmel	27.50c
BUTTERFLIES OF CHILE (Peña/Ugarte) (1997)	45.00
BUTTERFLIES OF COSTA RICA. Pt.1 (DeVries) (1987)	95.00c/32.50
Pt. 2. Riodinidae (1997)	90.00c/29.50
BUTTERFLIES OF EGYPT (Larsen) (1990)	49.50c
BUTTERFLIES OF THE FL KEYS (Minno/Emmel)(1993)	31.50c/18.95
BUTTERFLIES OF GEORGIA (Harris) (1972) (paper ed.)	*45.00
BUTTERFLIES OF HOUSTON/SE TEXAS (Tveten)(1996)	45.00c/19.95
BUTTERFLIES OF KENYA (Larsen) (1991)	195.00Lc/80.00
BUTTERFLIES OF MALAY PENINSULA (Corbet et al.) (1992)	60.00Lc
BUTTERFLIES OF MANITOBA (Klassen) (1989)	21.95
BUTTERFLIES OF NORTH AMERICA (Scott) (1986)	49.50c/29.95
BUTTERFLIES OF THE ROCKY MOUNTAINS (Ferris) (1981)	42.50c/22.95
BUTTERFLIES OF TEXAS (Neck) (1996)	21.95
BUTTERFLIES OF THE WORLD (Lewis) (1973)	*80.00Lc
BUTTERFLIES OF THE WORLD (Smart) (1987)	19.95Lc
BUTTERFLIES & MOTHS OF MISSOURI (Heitzman) (1987)	13.50
BUTTERFLY BOOK (Holland) (1898) 1st ed.	*225.00Lc
1931 (Revised ed.)	(used for 95.00) *125.00Lc
1931 (Revised ed.), with dust jacket	*150.00Lc
CHECKLIST OF THE LEPIDOPTERA OF AUSTRALIA (1996)	120.00c
DICTIONARY OF BUTTERFLIES & MOTHS (Watson) (1975) color	*75.00Lc
FLORIDA BUTTERFLIES (Gerberg/Arnett) (1989)	11.95
FLORIDA'S FABULOUS BUTTERFLIES (Emmel) (1997)	14.95
FLORISSANT BUTTERFLIES [Colo] (Emmel/etal)(1992)	35.00c/14.95
GEOMETER MOTHS OF TAIWAN. 1 (Wang) (1997)	45.00Lc
GUIDE BOOK TO INSECTS IN TAIWAN (Wang) (Chinese/Latin)	
2. Day-Flying Moths (1993)	16.95
4. Lymantriidae (1993)	16.95
6. Giant Silkmooths & Carpenter Moths (1994)	16.95
7. Arctiidae (1994)	18.95
8. Noctuidae (1994)	26.95
9. Bomb., Thyat., Lima., Lasio., Sphing. (1995)	26.95
10. Brahm., Eupt., Cyclid., Drep., Notodont. (1995)	26.95
12. Zygaenid Moths (1995)	18.95
13. Noctuidae & Allied Species [1] (1995)	21.95
14. Noctuidae & Allied Species [2] (1995)	22.95
15. Noctuidae & Allied Species [3] (1996)	22.95
17. Supplement of Moths (1996)	22.95
ILLUS. BUTTERFLIES OF TAIWAN. 1-2 (Lee/Chang) (1988-90)	52.00c
ILLUS. BUTTERFLIES OF TAIWAN. 3-4 (Lee/Wang) (1995-97)	55.00
LEPID. OF CHINA: BUTTERFLIES IN SICHUAN (Chao/Wang) (1996) 2 vol.	45.00L
LIVES OF BUTTERFLIES (Douglas) (1986)	45.00c
METAMORPHOSIS INSECTORUM SURINAMENSIIUM (Merian) (1705/1994 reprint)	35.00c
MICROLEPIDOPTERA PALAEARCTICA. 9 vol.	(inquire)
MOTH BOOK (Holland) (1903/late printing)	*150.00Lc
MOTHS OF AMERICA NORTH OF MEXICO (1971-97) 17 vol.	1,043.00
MONA: CHECKLIST (1983)	25.00
MOTHS OF AUSTRALIA (Common) (1990)	125.00c
MOTHS OF TAIWAN (Chang) (Chinese/Latin) 5 vol.	189.00
RARE BUTTERFLIES OF CHINA (Pai/Wang) (1996) 3 vol.	75.00c
SEDGE MOTHS OF NORTH AMERICA (Heppner) (1985)	24.95
SWALLOWTAIL BUTTERFLIES (Scriber/et al.) (1995)	65.00Lc
SWALLOWTAIL BUTTERFLIES OF THE AMERICAS (Tyler/Brown/Wilson) (1994)	
150.00Lc special signed ed. (24.50 for student paper ed.)	49.50Lc
TENT CATERPILLARS (Fitzgerald) (1996)	37.95c
WILD SILK MOTHS OF N. AMERICA (Tuskes et al.) (1996)	75.00Lc
WINGS OF PARADISE (Cody) [Saturniidae] (1996)	60.00Lc

We accept MC, VISA, and AmExp. charge cards. Florida residents add 6% sales tax. Shipping/Handling: add \$2 first book, \$1 each added book (orders outside of USA, add \$1 extra per book); large books, add another \$1 each.

* antiquarian (condition: good to like new) c = cloth edition L large (heavy)

TROPICAL LEPIDOPTERA: SUPPLEMENTS

1991 – Volume 2

1 FAUNAL REGIONS AND THE DIVERSITY OF LEPIDOPTERA

by John B. Heppner

\$ 10.00 (\$18.00 non-members)

(included with Vol. 2 of *Tropical Lepidoptera* 85 pp (16 Dec 1991))

1992 – Volume 3

1 BUTTERFLY FARMING AND TROPICAL FOREST CONSERVATION IN THE INDO-AUSTRALIAN REGION

by Michael J. Parsons

\$ 10.00 (\$18.00 non-members)

62 pp (29 Jun 1992)

2 SEDGE MOTHS OF TAIWAN (*Lepidoptera*: Glyphipterigidae)

by Yutaka Arita and John B. Heppner

\$ 10.00 (\$18.00 non-members)

40 pp (28 Dec 1992)

1993 – Volume 4

1 THE *COPAXA* OF MEXICO AND THEIR IMMATURE STAGES (*Lepidoptera*: Saturniidae)

by Kirby L. Wolfe

\$ 10.00 (\$18.00 non-members)

26 pp (1 Jun 1993)

2 NOTES ON NEOTROPICAL SKIPPERS (*Lepidoptera*: Hesperidae)

by George T. Austin, James R. Brock, Olaf H. H. Mielke,
and Steven R. Steinhauser

\$ 8.00 (\$15.00 non-members)

36 pp (30 Aug 1993)

3 KEYS TO FAMILIES OF LEPIDOPTERA

by John B. Heppner

\$ 7.50 (\$13.50 non-members)

28 pp (Sep 1993 [26 Nov 1996])

4 THE CLEARWING BORERS OF FLORIDA (*Lepidoptera*: Sesiidae)

by Larry N. Brown and Russell F. Mizell, III

\$ 8.50 (\$16.00 non-members)

22 pp (28 Sep 1993)

1994 – Volume 5

1 CATALOGO DE LA FAMILIA SATURNIIDAE DE MEXICO

by Carlos R. Beutelspacher-B. and Manuel A. Balcázar-L.

\$ 7.50 (\$13.50 non-members)

28 pp (23 Dec 1994)

1997 – Volume 8

1 CLASSICAL BIOLOGICAL CONTROL OF THE CITRUS LEAFMINER *PHYLLOCNISTIS CITRELLA* STANTON (*Lepidoptera*: Gracillariidae): THEORY, PRACTICE, ART and SCIENCE

by Marjorie A. Hoy and Ru Nguyen

\$ 7.50 (\$13.50 non-members)

20pp (25 Jun 1997)

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

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

\$ 8.00 (\$16.00 non-members)

53 pp (Dec 1997)

3 CONTRIBUTIONS TO STUDIES OF WEST AFRICAN BUTTERFLIES

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

\$ 12.00 (\$22.00 non-members)

44 pp (Dec 1997)

1998 – Volume 9

1 LEPIDOPTERA OF BELIZE

1. CATALOG OF BUTTERFLIES

2. CATALOG OF THE EMPEROR MOTHS AND HAWK MOTHS OF BELIZE

by Jan Meerman

\$ 7.50 (\$13.50 non-members)

ca. 24 pp (Feb 1998)

ATLAS OF NEOTROPICAL LEPIDOPTERA

Series ISBN: 0-945417-25-X

SERIES EDITOR: Dr. J. B. Heppner

Plan: 125 vol., including color synopsis and LSDS species pages

Introduction and Color Synopsis

In prep.

Checklist, Part 1: Micropterigoidea - Immoidea. 1984. xxvii + 112 pp. ISBN: 90-6193-038-3

\$18.50 (non-ATL: \$35.00)

Checklist, Part 2: Hyblaeoidea - Pyraloidea - Tortricoidea. 1995. liv+243 pp. ISBN: 0-945417-26-8

\$19.95 (non-ATL: \$37.95)

Checklist, Part 3: Uranoidea - Geometroidea

In prep.

Checklist, Part 4A: Papilionoidea

In prep.

Checklist, Part 4B: Drepanoidea - Bombycoidea - Sphingoidea. 1996. l+87 pp. ISBN: 0-945417-32-2

\$14.95 (non-ATL: \$29.95)

Checklist, Part 5A: Noctuoidea (Notodontidae - Arctiidae)

In prep.

Checklist, Part 5B: Noctuoidea (Noctiidae)

In prep.

Checklist, Part 6: General Index

In prep.

Vol. 124. Bibliography of Butterflies and Skippers. 1995. xiv + 463 pp. ISBN: 0-945417-31-4

\$32.50 (non-ATL: \$62.95)

ATLAS OF NORTH AMERICAN LEPIDOPTERA

Series ISBN: 0-945417-00-4

SERIES EDITOR: Dr. J. B. Heppner

Plan: 26 vol., including color synopsis and LSDS species pages

Introduction and Color Synopsis

In prep.

Checklist of North American Butterflies. In prep. ca. 120 pp. ISBN: 0-945417-24-1

\$10.95 (non-ATL: 19.95)

Fasc. 95. Papilionidae

In prep.

ATLAS OF PALEARCTIC LEPIDOPTERA

Series ISBN: 0-945417-96-9

SERIES EDITOR: Dr. J. B. Heppner

Plan: 30 vol., including color synopsis and LSDS species pages

Future series to illustrate and catalog all Eurasian Lepidoptera, including temperate regions of Japan. A new catalog (replacing the Staudinger/Rebel catalog of 1901) will be produced first, following the LSDS numbering format.

LEPIDOPTERA OF TAIWAN

Series ISBN: 0-945417-75-6

SERIES EDITORS: Dr. J. B. Heppner & Dr. Hiroshi Inoue

Plan: 10 vol., including color synopsis and LSDS species pages

Vol. 1. Part 1: Introduction and Color Synopsis

\$81.50 (non-ATL: \$125.50)

1998. ca. 200 pp (including 60 color pl). (8½ x 11 in). ISBN: 0-945417-76-4 **1998****Vol. 1. Part 2: Checklist.** 1992. xlix + 276 pp. (8½ x 11 in). ISBN: 0-945417-77-2

\$21.50 (non-ATL: \$39.95)

LEPIDOPTERORUM CATALOGUS (NEW SERIES)

Series ISBN: 0-945417-50-0

SERIES EDITOR: Dr. J. B. Heppner

Plan: 125 parts

Fasc. 7. Neopseustidae (Davis) 1997. viii + 8pp. ISBN: 0-945417-51-9 (Fasc. 7)

\$1.50 (non-ATL: \$4.50)

Fasc. 8. Mnesarchaeidae (Davis). viii + 8pp. ISBN: 0-945417-51-9 (Fasc. 8)

\$1.50 (non-ATL: \$4.50)

Fasc. 9. Neotheoridae (Kristensen). viii + 8pp. ISBN: 0-945417-51-9 (Fasc. 9)

\$1.50 (non-ATL: \$4.50)

Fasc. 11. Prototheoridae (Davis) 1998. viii + 8pp. ISBN: 0-945417-51-9 (Fasc. 11)

\$1.50 (non-ATL: \$4.50)

Fasc. 13. Palaeosetidae (Davis). viii + 8pp. ISBN: 0-945417-51-9 (Fasc. 13)

\$1.50 (non-ATL: \$4.50)

Fasc. 19. Cecidosidae (Heppner). viii + 8pp. ISBN: 0-945417-51-9 (Fasc. 19)

\$1.50 (non-ATL: \$4.50)

Fasc. 28. Ochsenheimeriidae (Davis) 1998. viii + 8pp. ISBN: 0-945417-52-7 (Fasc. 28)

\$1.50 (non-ATL: \$4.50)

Fasc. 29. Amphitheridae (Heppner) 1998. viii + 12pp. ISBN: 0-945417-52-7 (Fasc. 29)

\$1.50 (non-ATL: \$4.50)

Fasc. 48. Epermeniidae (Gaedike) 1996. viii + 16pp. ISBN: 0-945417-54-3 (Fasc. 48)

\$2.50 (non-ATL: \$7.50)

Fasc. 49. Glyphipterigidae (Heppner) 1998. viii + 48pp. ISBN: 0-945417-55-1 (Fasc. 49)

\$5.50 (non-ATL: \$15.50)

Fasc. 55. Acrolepiidae (Gaedike) 1997. viii + 16pp. ISBN: 0-945417-55-1 (Fasc. 55)

\$2.50 (non-ATL: \$7.50)

Fasc. 64. Brachodidae (Heppner) 1998. viii + 24pp. ISBN: 0-945417-58-6 (Fasc. 64)

\$3.50 (non-ATL: \$9.50)

Fasc. 71. Lacturidae (Heppner) 1998. viii + 32pp. ISBN: 0-945417-60-8 (Fasc. 71)

\$4.50 (non-ATL: \$12.50)

Fasc. 72. Somabrachyridae (Heppner) 1998. viii + 8pp. ISBN: 0-945417-60-8 (Fasc. 72)

\$1.50 (non-ATL: \$4.50)

Fasc. 84. Ratardidae (Heppner) 1998. viii + 8pp. ISBN: 0-945417-64-0 (Fasc. 84)

\$1.50 (non-ATL: \$4.50)

Fasc. 85. Pterothysanidae (Heppner) 1998. viii + 8pp. ISBN: 0-945417-64-0 (Fasc. 85)

\$1.50 (non-ATL: \$4.50)

Fasc. 93. Hedyliidae (Scoble) 1998. viii + 16pp. ISBN: 0-945417-66-7 (Fasc. 93)

\$2.50 (non-ATL: \$7.50)

Fasc. 115. Oxytenidae (Becker) 1998. viii + 8pp. ISBN: 0-945417-69-1 (Fasc. 115)

\$1.50 (non-ATL: \$4.50)

Fasc. 116. Cercophanidae (Becker) 1998. viii + 8pp. ISBN: 0-945417-69-1 (Fasc. 116)

\$1.50 (non-ATL: \$4.50)

Fasc. [124] 118. Noctuidae (Poole) 1989. 3 pts., 1314pp. ISBN: 0-916846-45-8

\$50.00 (non-ATL: \$150.00)

Fasc. 124A. Noctuidae: Introduction (Heppner). ca. 260 pp. (8½ x 11 in). ISBN: 0-945417-99-3

(pending)

SHIPPING HANDLING: \$2 first book, \$1 each added book (outside USA, add another \$1 for each book).

Lepidopterorum Catalogus only: \$2 for first 80 pages (e.g., 5 parts each with viii+8 pp. = 80pp), \$1 each added 40 pages (outside USA, add \$1 for first 80pp and another \$1 for each added 40pp) [NOTE: Fasc. 124 ships at bookrate of \$4, for 3 volumes].

BOOK NEWS

MARIPOSAS DE CHILE – BUTTERFLIES OF CHILE

by P. Peña and Ugarte. 1997. 288pp (full color), paper.
Edit. Universitaria, Santiago, Chile. Import price: \$45.00 paper (Flora & Fauna Books).

This excellent book provides a modern identification guide and field book for all 169 butterfly species known for Chile. The fauna of Chile is completely isolated from the forest butterflies of tropical South America, and has only a few species in common with southern Argentina. Each species is illustrated with a color painting (there are occasional photographs taken in nature), plus a color habitat photograph and a distribution map. The text is in both Spanish and English throughout.

BUTTERFLIES OF GREECE

by L. N. Pamperis. 1997. 574pp, cloth.
Bastas-Plessas Publ., Athens, Greece. Price: 30,000 Dr. (about US\$103, with S/H).
This first comprehensive book on the butterflies of Greece gives coverage for all 232 species known for the region. The book includes 1,174 color photographs taken in nature and 123 distribution maps. The text is in English, with descriptions and notes for each species, plus the conservation status of each species. The book has 574 pp, in A4 size (ca. 8 x 11.5 inches), and is cloth bound.

LISTE SYSTÉMATIQUE ET SYNONYMIQUE DES LÉPIDOPTÈRES DE FRANCE, BELGIQUE ET CORSE (2nd ed.)

by P. J. A. Leraut. 1997. 526pp, paper.
Supplement to *Alexanor*. Paris.
A welcome 2nd edition of Leraut's well-received *Liste* of 1980, this new edition provides extensive additions and changes. The new edition has parentheses around authors of names that have been recombined in different genera (unfortunately, not for synonyms). Notes and introductory pages are in 4 languages: French, Flemish, German, and English. Over 5,100 species are treated.

BUTTERFLY GARDENING

by T. C. Emmel. 1997. 112pp, cloth (10 x 10 in).
Friedmann/Fairfax Publ., New York. Price: \$19.95.
This large format book covers all details of butterfly gardening, but is particularly interesting from the Lepidopterist's viewpoint in having a 50-page summary of the commoner North American butterfly species. All illustrations are full color, with figures on virtually every page.

GRANTS

Varsovia E. Cevallos, of Quito, Ecuador, a graduate student finishing her doctoral degree at the University of Florida under the guidance of Dr. T. C. Emmel, has been awarded a Jon D. Turner Grant of \$7,500. This Turner Grant will allow her to complete field studies on Ecuadorian Lepidoptera for her dissertation.

PASSINGS

†**Joseph Klimesch**, 17 September 1997, in Austria. Mr. Klimesch died at age 95. For many years he studied European micro-moths, especially leafminers, and published many papers on these tiny moths.

†**David K. Wetherbee**, August 1997, in Restauración, Dominican Republic. Dr. Wetherbee had long been retired in the Dominican Republic, following his career in Massachusetts. He did numerous life history studies on butterflies, especially in the Dominican Republic and other West Indian islands. Members will recall the book review he wrote in the September issue of the *News*.

MEETINGS

- 1997 Southern Lepidopterists' Society: October 11-12, Gainesville, Florida, USA
1998 Societas Europaea Lepidopterologica: March 22-26, Malle (Antwerp), Belgium
Association for Tropical Lepidoptera: April 17-19, Gainesville, Florida, USA

NOTICES

ENTOMOLOGICAL NEWS FROM RUSSIA: Russian entomologists have organized a new society and plan to publish a new entomological journal beginning in 1998. Dues are \$65 per year for 4 issues. Details from: Sergei Gundorov, Plant Protection Dept., Agriculture Inst., Teatrainsaia Square, ROS-410710 Saratov, Russia. FAX: (7-8452) 264-963.

DEALERS WANTED: supplies of dried and live insects wanted from Africa, Asia, and South and Central America. Any interesting species wanted on trade basis; legal supply only. Send stock list or interests to: Dutch Entomological Breeding Centre "Erato", Louis Armstrongrode 25, NL-2717CH Zoetermeer, Netherlands. Tel/FAX: (31-79) 352-0022.

ADDRESS CHANGES! Remember, if you do not send us your address changes, your copies of the journals may get lost (in the USA, our journals are sent 3rd class mail, which is thrown away by the postal service if the address is wrong!).

FORTHCOMING BOOKS – 1997

LEPIDOPTERA OF TAIWAN

1998

Vol. 1 – Part 1: Introduction, by J. B. Heppner and H. Y. Wang

The introductory part for this series follows the catalog already published in 1992. This part covers the history of Lepidoptera work in Taiwan from early days up to the current Lepidoptera survey, begun in 1981. A key to families is provided in English and Chinese. This part includes 60 color plates. Future parts will cover all species in detail.

Member price is \$81.50 (non-member price: \$125.50).

CLASSIFICATION OF LEPIDOPTERA

1998

by J. B. Heppner

This work is being readied as a separate book. All families of Lepidoptera are covered, giving a synopsis of the morphology, economic species, distribution, life history, and important references for each family. There will be a large bibliography to the world literature on the Lepidoptera, with sections on faunal literature, plus taxonomic papers arranged by family. The planned supplement (Suppl. 3 of *Tropical Lepidoptera* Vol. 4, 1993 [1996]) is only the key to families (\$7.50 for ATL members).

Member price is \$29.50 (non-member price: \$55.00).

LEPIDOPTERORUM CATALOGUS (New Series)

edited by J. B. Heppner

The new series began in 1989 with the publication of Fasc. 118 Noctuidae (Poole) [now 124], after a 50 year interlude since the original series ended in 1939. In 1996, Fasc. 48: Epermeniidae (by R. Gaedike) was published. In 1997, Fasc. 55: Acrolepiidae (by R. Gaedike) was published so far, and Fasc. 7: Neopseustidae (D. R. Davis) and Fasc. 62: Oxychirotidae (J. B. Heppner) are expected before the end of December.

In 1998, we expect the following families to be completed: Prototheoridae, Ochsenheimeriidae, Glyphipterigidae, Brachodidae, Lacturidae, Ratardidae, Hedyliidae, Oxytenidae, Cercophanidae, and others. Some families announced for 1997 had to be postponed due to pending research that will result in added species descriptions.

Member prices are nominal (\$1.50 to \$4.50 each), depending on size; non-member prices are \$4.50 to 7.50 each. Larger parts will be higher priced.

NOTE: Persons who ordered parts 1-22 as a unit in the past will be sent the new issues upon publication unless we are notified otherwise. We will continue this until the \$10.95 originally paid for is used up.