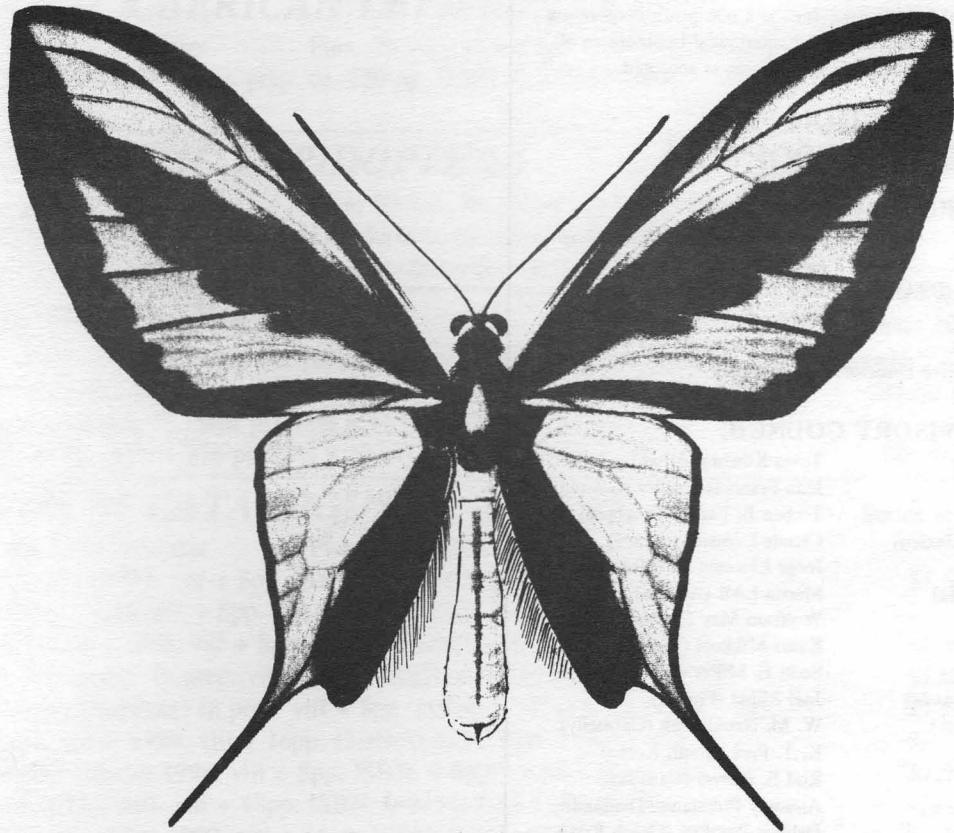


LEPIDOPTERA NEWS

SEP / DEC 2002
No. 3-4



LEPIDOPTERA NEWS

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

Published by the
Association for Tropical Lepidoptera, Inc.
P. O. Box 141210
Gainesville, FL 32614-1210, USA

Tel: (352) 373-5630 FAX: (352) 373-3249 www.troplep.org

Frequency: Quarterly (March, June, September, December)

e-mail: troplep@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)	John B. Heppner (USA), Chair
Don R. Davis (USA)	Gerardo Lamas (Peru)
Boyce A. Drummond, III (USA)	Olaf H. H. Mielke (Brazil)
Peter J. Eliazar (USA)	Eugene G. Munroe (Canada))
Thomas C. Emmel (USA)	Jon D. Turner (USA)
Executive Director: J. B. Heppner	

ADVISORY COUNCIL

Andrés O. Angulo (Chile)	Tosio Kumata (Japan)
Yutaka Arita (Japan)	Jean-Francois Landry (Canada)
George T. Austin (USA)	Torben B. Larsen (England)
Manuel A. Balcázar L. (Mexico)	Claude Lemaire (France)
Zsolt Bálint (Hungary)	Jorge Llorente B. (Mexico)
Henry S. Barlow (Malaysia)	Martin Lödl (Austria)
Dubi Benyamin (Israel)	Wolfram Mey (Germany)
Ronald Boender (USA)	Kauri Mikkola (Finland)
Keith S. Brown Jr. (Brazil)	Scott E. Miller (USA)
José A. Clavijo A. (Venezuela)	Joël Minet (France)
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.)
Ulf Eitschberger (Germany)	Jozef Razowski (Poland)
Eric Garraway (Jamaica)	M. Alma Solis (USA)
Dale H. Habeck (USA)	Dieter Stünning (Germany)
Christoph Häuser (Germany)	Gerhard Tarmann (Austria)
Lowell N. Harris (USA)	Paul Thiaucourt (France)
Hiroshi Inoue (Japan)	Jürgen H. R. Thiele (Germany)
Daniel H. Janzen (USA)	Antonio Vives M. (Spain)
Kurt Johnson (USA)	Hsiau-Yue Wang (Taiwan)
R. L. Kitching (Australia)	Per O. Wickman (Sweden)
George O. Krizek (USA)	Allen M. Young (USA)

SEP / DEC 2002

No. 3-4

CONTENTS

- 1 CHEN *et al.*: A New Species of the Genus *Glaucocharis* from China (Pyralidae: Crambinae)
- 3 CHEN *et al.*: The Genus *Ancylolomia* from China, with Descriptions of Two New Species (Pyralidae: Crambinae)
- 6 HEPPNER: Notes on *Euchlaena 'pectinaria'* in the United States (Geometridae: Ennominae)
- 8 2001 Literature Review

COVERS.— FRONT COVER: *Ornithoptera paradisea* Staudinger, composed from journal *Iris*, 1893 (© 2004 ATL).

The Association for Tropical Lepidoptera, Inc., is a non-profit organization for the support of research on the biology, systematics, and conservation of tropical and subtropical Lepidoptera of the world. Funding for the Association helps to support research projects, field studies, and publications on tropical and subtropical Lepidoptera. The Association was organized in 1989 in Florida as a tax-exempt corporation under Section 501(c)3 of the IRS Code and is a publicly supported organization as defined in Sections 170(b)(1)(vi) and 509(a). Contributions are tax deductible in the United States.

LEPIDOPTERA NEWS (ISSN 1062-6581) is published quarterly (March, June, September and December) by the Association for Tropical Lepidoptera, Inc. ATL membership is \$90 per year, including the journals *Lepidoptera News*, *Holarctic Lepidoptera*, and *Tropical Lepidoptera*, plus newsletter. Membership is open to all persons interested in Lepidoptera. Membership applications and other information can be obtained from the ATL website (www.troplep.org), or by mail from the Executive Director, Dr. John B. Heppner, Association for Tropical Lepidoptera, P. O. Box 141210, Gainesville, FL 32614-1210. Tel: (352) 373-5630. FAX: (352) 373-3249.

© 2004 Association for Tropical Lepidoptera, Inc.

Home Page: www.troplep.org

e-mail: troplep@aol.com

30 Dec 2004

A NEW SPECIES OF THE GENUS *GLAUCOCHARIS* FROM CHINA (LEPIDOPTERA: PYRALIDAE: CRAMBINAE)¹

TIE-MEI CHEN, SHI-MEI SONG, DE-CHENG YUAN² and GUANG-XUE ZHANG

Institute of Zoology, Chinese Academy of Sciences, Beijing 100080, P. R. China

ABSTRACT.— *Glaucocharis castaneus* n. sp. from Guangxi, South of China, is described. The new species can be recognized by the chestnut-brown forewings, two black terminal spots and asymmetrical valvae. A list of species of *Glaucocharis* Meyrick from China is given.

KEY WORDS: Asia, distribution, Fujian, *Glaucocharis castaneus* n. sp., Guangxi, Hainan, Heilongjiang, Hubei, Hunan, Jiangxi, Jilin, Oriental, Shandong, Shanxi, Sichuan, taxonomy, Tibet, Xizang, Yunnan, Zhejiang.

Wang *et al.* (1988) revised the species of *Glaucocharis* Meyrick from the southeastern Palaeartic Region and the Oriental Region. Song (1993) described one new species from China. Chen *et al.* (2001) described five new species from China. Here, another new species is described from south China. A total of 47 species are at present known from China. The terminology follows Bleszynski (1965). Type specimens of the new species are deposited in the Institute of Zoology, Chinese Academy of Sciences, Beijing, China. (abbreviated as IZAS in the text).

***Glaucocharis castaneus* Song & Chen, new sp.**

Description.— Male (Fig. 1). Head: white. Antenna yellow brown. Labial palpi porrect with first segment brown, second segment yellow and third segment brown. Apical scales on maxillary palpi triangular, white. Thorax: brown. Abdomen: brown. Forewing: ground colour white, with scattered brown scales. Antemedial fascia absent. Reniform spot absent. A black spot at 1/2 of costal margin. Apical spot yellow, white in center. Terminal margin with two black spots on tornus. Fringe grey. Hindwing: light ochreous. Fringe light ochreous. Male genitalia (Fig. 2-3): Uncus slightly curved near base, sharp and narrow at apex. Gnathos narrow, sharp at apex. Valvae asymmetrical. Right valva narrow; costa strongly sclerotized; basal prong on costa shorter than cucullus; Left valva broad; costa not sclerotized; basal prong on costa longer than cucullus. Cucullus setose, pointed. Juxta shield-shaped. Aedeagus truncate at apex, with more than 9 cornuti.

FEMALE: Unknown.

Types.— Holotype male: P. R. China.— Guangxi: Miaoershan (25.8°N, 110.4°E), 2141m, 10 Jun 1985, coll. S.-M. Song, gen. slide no. C1045 IZAS.

Paratypes (4♂): 1♂, gen. slide no. C1043 IZAS, other data same as holotype; 1♂, Guangxi: Longsheng (25.7°N, 110.0°E), 840m, 10 Jun 1963, coll. C. G. Wang, gen. slide no. C986 IZAS; 1♂, ditto, gen. slide no. C643 IZAS; 1♂, Sichuan: Wanxian (30.8°N, 108.3°E), 1200m, 11 Aug 1993, coll. S.-M. Song, gen. slide no. C 1168 IZAS.

Distribution.— P. R. China: Guangxi, Sichuan.

Etymology.— The species name is derived from Latin *castaneus* (= castaneous), referring to the color of the forewing.

Remarks.— This new species is closely related to *G. tripunctata* (Moore, 1888) in external characters, but differs in the shape of the male genitalia: in *G. castaneus* sp. n. the valvae are asymmetrical, the basal prong on costa is shorter than the cucullus on the right valva and longer than the cucullus on the left valva. In *G. tripunctata* the valvae are symmetrical and the basal prongs on costa are longer than the cucullus in both valvae.

1. Project supported by a grant for systematic and evolutionary biology, Chinese Academy of Sciences.

2. To whom to address correspondence. e-mail: yuandc@panda.ioz.ac.cn

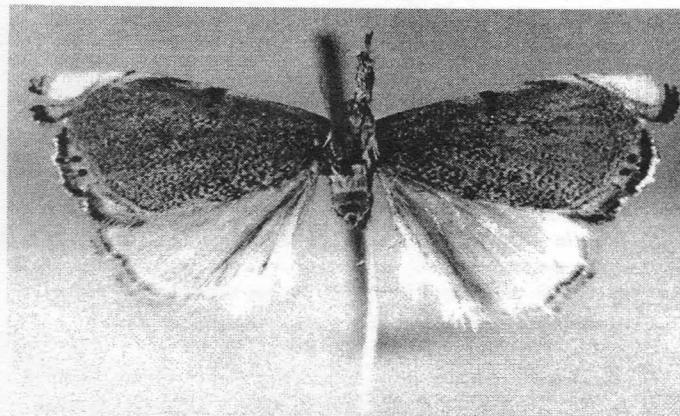


Fig. 1. Adult male of *Glaucocharis castaneus* n. sp.

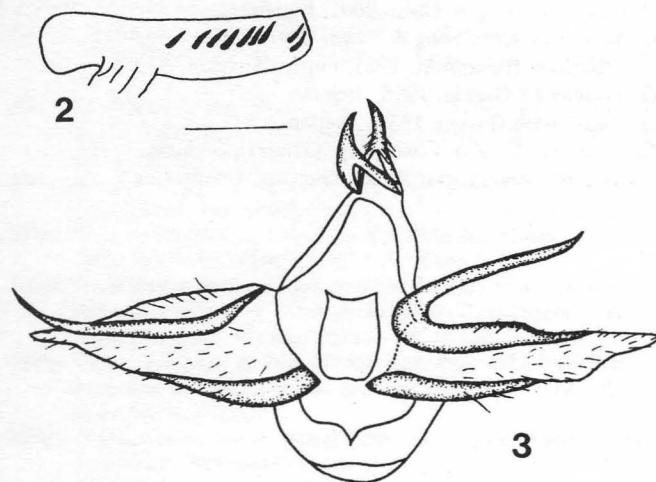


Fig. 2-3. Male genitalia of *Glaucocharis castaneus* n. sp. 2. aedeagus; 3. valva. (scale = 0.5mm).

**Checklist of Chinese Species of *Glaucocharis*,
with distributional records for China**

1. *G. tripunctata* (Moore, 1888). Jiangxi, Guangxi.

2. *G. melistoma* (Meyrick, 1931). Hubei, Guangxi, Fujian, Sichuan.

3. *G. electra* (Bleszynski, 1965). Hubei, Guangxi.
4. *G. baculella* Wang & Song, 1988. Fujian, Guangxi.
5. *G. minutalis* (Hampson, 1893). Hunan, Guangxi.
6. *G. fibetensis* Wang & Song, 1983. Xizang (Tibet).
7. *G. pomae* Wang & Song, 1988. Xizang (Tibet).
8. *G. vermeeri* (Bleszynski, 1965). Jilin.
9. *G. taeniata* Wang & Song, 1988. Fujian, Sichuan.
10. *G. spinulella* Wang & Song, 1988. Jiangxi, Xizang.
11. *G. forcipella* Wang & Song, 1988. Guangxi, Sichuan.
12. *G. exsectella* (Christoph, 1881). Heilongjiang.
13. *G. parnulella* Wang & Song, 1988. Shanxi.
14. *G. octacornutella* Wang & Song, 1988. Sichuan.
15. *G. bifidella* Wang & Song, 1988. Sichuan.
16. *G. albilinealis* (Hampson, 1896). Sichuan.
17. *G. copemici* (Bleszynski, 1965). Zhejiang.
18. *G. subalbilinealis* (Bleszynski, 1965). Hubei, Sichuan, Yunnan.
19. *G. infundella* Wang & Song, 1988. Sichuan.
20. *G. ramona* (Bleszynski, 1965). Sichuan.
21. *G. chelatella* Wang & Song, 1988. Yunnan.
22. *G. qujingella* Wang & Song, 1988. Fujian, Yunnan.
23. *G. palidella* Wang & Song, 1988. Fujian, Guangxi.
24. *G. rhamprella* Wang & Song, 1988. Hubei, Sichuan.
25. *G. lunatella* Wang & Song, 1988. Sichuan.
26. *G. rosannoides* (Bleszynski, 1965). Zhejiang, Hubei, Sichuan.
27. *G. quadratella* Song & Chen, 2001. Guangxi.
28. *G. alatella* Wang & Song, 1988. Sichuan.
29. *G. ochronella* Wang & Song, 1988. Yunnan.
30. *G. furculella* Wang & Song, 1988. Yunnan.
31. *G. reniella* Wang & Song, 1988. Fujian, Guangxi, Sichuan, Yunnan.
32. *G. spiculella* Wang & Song, 1988. Fujian, Guangxi.
33. *G. apicudentella* Song & Chen, 2001. Guangxi.
34. *G. mutuurella* (Bleszynski, 1965). Hubei, Fujian.
35. *G. moriokensis* (Okano, 1962). Shandong, Hubei, Fujian, Sichuan.
36. *G. lungqishanna* Song, 1993. Fujian, Hainan, Guangxi, Sichuan.
37. *G. parthenie* (Bleszynski, 1965). Fujian.
38. *G. rectifascialis shafferi* Gaskin, 1988. Fujian, Sichuan.
39. *G. lasiotella* Song & Chen, 2001. Guangxi.
40. *G. taphrophracta* (Meyrick, 1934). Guangxi.
41. *G. hastatella* Song & Chen, 2001. Fujian.
42. *G. huanggangensis* Song & Chen, 2001. Fujian.
43. *G. omeishani* Bleszynski, 1965. Fujian, Sichuan.
44. *G. assamensis* Gaskin, 1988. Sichuan.
45. *G. himalayana* Gaskin, 1988. Zhejiang.
46. *G. castaneus* Song & Chen n. sp. Guangxi, Sichuan.
47. *G. rosanna* (Bleszynski, 1965). Zhejiang, Guangdong.

ACKNOWLEDGMENTS

We are indebted to Dr. Shen-Horn Yen, National Sun Yat-Sen University, Taiwan, for providing the photographs of *G. tripunctata* and to Mr. G. Q. Mai, Research Center of Animal Evolution and Systematics, Institute of Zoology, Chinese Academy of Sciences, Beijing, for preparing photograph for this study.

LITERATURE CITED

- Bleszynski, S.**
 1965. Crambinae. In H. G., Amsel, F. Gregor, and H. Reisser (eds.), *Microlepidoptera Palaearctica*. Vol. 1:51-64. Vienna: Verlag G. Fromme.
- Chen, T.-M., S.-M. Song, and D.-C. Yuan**
 2001. Five new species of *Glaucocharis* Meyrick from China (Lepidoptera: Pyralidae: Crambinae). *Oriental Ins.* (Gainesville), 35:171-176.
- Song, S.-M.**
 1993. Lepidoptera: Pyralidae, Zygaenidae. In C.-M. Huang (ed.), *Animals of Longqi Mountain*, 472. Beijing: China Forestry Publishing House. [in Chinese]
- Wang, P.-Y., D. E. Gaskin, and S.-M. Song**
 1988. Revision of the genus *Glaucocharis* Meyrick in the southeastern Palaearctic, the Oriental Region and India, with descriptions of new species (Lepidoptera: Pyralidae: Crambinae). *Sinozoologia* (Beijing), 6:297-396.

THE GENUS ANCYLOLOMIA FROM CHINA, WITH DESCRIPTIONS OF TWO NEW SPECIES (LEPIDOPTERA: PYRALIDAE: CRAMBINAE)¹

TIE-MEI CHEN, SHI-MEI SONG, DE-CHENG YUAN² and GUANG-XUE ZHANG

Institute of Zoology, Chinese Academy of Sciences, Beijing 100080, P. R. China

ABSTRACT.—The Chinese species of *Ancylolomia* Hübner are presented. Sixteen species are recognized, including two new species: *A. carcinelloides* Song & Chen n. sp. and *A. longicorniella* Song & Chen n. sp. One species, *A. taprobanensis* Zeller, is recorded for the first time from China. A key to the Chinese species based on male genitalia is provided.

KEY WORDS: *Ancylolomia carcinelloides* n. sp., *Ancylolomia longicorniella* n. sp., Asia, distribution, Fujian, Guangdong, Guangxi, Hainan, Heilongjiang, Hubei, Hunan, Jiangxi, Jilin, key, Oriental, Shandong, Shanxi, Sichuan, taxonomy, Tibet, Xizang, Yunnan, Zhejiang.

Bleszynski (1965, 1970) revised 17 species of the genus *Ancylolomia* Hübner from the Palaearctic Region and 18 species from the Oriental Region. Wang and Song (1981, 1982) revised 11 species, including 4 new species from China, and divided the Palaearctic species into 3 species groups. Rougeot (1984) described 2 new species from Ethiopia. Presently, 70 species and 5 subspecies are known in the world: 32 species are distributed in the Ethiopian Region; 18 species in the Oriental Region; 17 species in the Palaearctic Region and only one in the Australian Region. A discussion on the distribution and dispersal of the genus was given by Bleszynski (1965). Here, we report 16 species of *Ancylolomia* from China, with two new species recorded for the first time from China. Bleszynski (1965, 1970) and Wang and Song (1981, 1982) provided synonymous references and distribution records from outside China.

The terminology follows Bleszynski (1965, 1970). Type specimens of the new species are deposited in the Institute of Zoology, Chinese Academy of Sciences, Beijing (abbreviated as IZAS in the text).

Genus *ANCYLOLOMIA* Hübner, 1825

Ancylolomia Hübner 1825: 363

Jartheza Walker 1863: 183

Ctenus Mabille 1906: 32

Pseudoctenella Strand 1907: 175

Tollia Amsel 1949: 280

Generic diagnosis.—Forewing narrow, with two curved subterminal lines and metallic silvery longitudinal streaks. Antennae in male serrate, lamellate or pectinate. Frons slightly protruded forward beyond eye, round, without conical point. Frenulum of female single. Forewing with Sc and R₁ coalescent, R₃, R₄ and R₅ stalked. Hindwing with M₂ present and the cell open.

Male genitalia: Uncus and gnathos present; in most instances, valva without process in costa and sacculus. Juxta variable. Pseudosoccus and saccus present. Vinculum narrow.

Female genitalia: Anal papillae with setae. Ductus bursae broad, lightly sclerotized. Copus bursae without signum.

Distribution.—Ethiopian, Oriental, Palaearctic and Australian Regions.

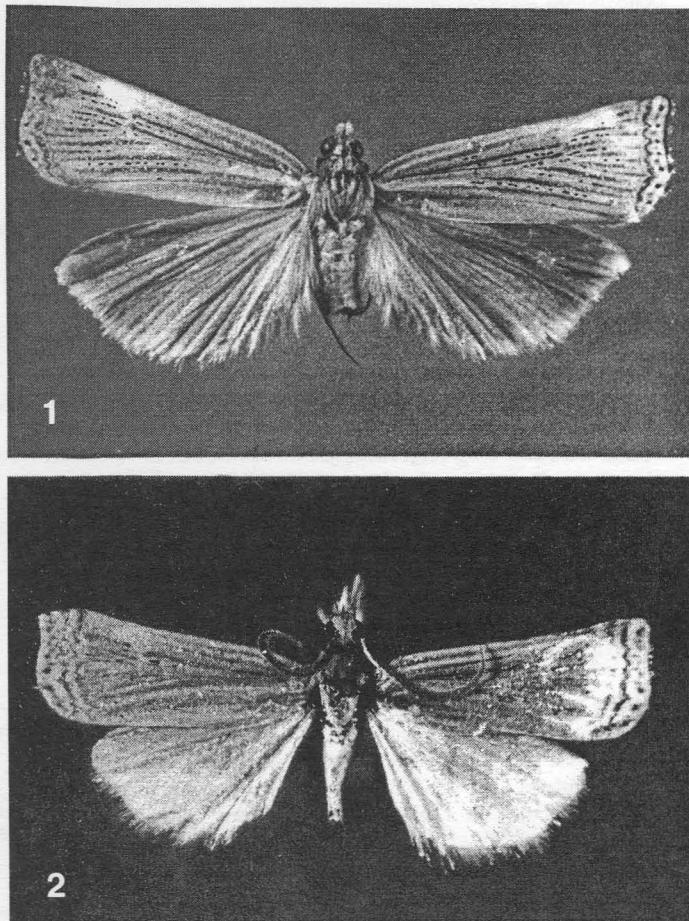


Fig. 1-2. Adults: 1. *Ancylolomia carcinelloides* Song & Chen n. sp., holotype male; 2. *Ancylolomia longicorniella* Song & Chen n. sp., holotype male.

Checklist of the Chinese *Ancylolomia*, with distributional records from China

1. *A. aduncella* Wang & Song - Fujian, Yunnan.
2. *A. bitubiroSELLA* Amsel - Guangdong, Fujian, Yunnan.
3. *A. carcinella* Wang & Song - Yunnan.
4. *A. carcinelloides* Song & Chen n. sp. - Yunnan.
5. *A. chrysographella* (Kollar) - Guangxi, Yunnan.

1. Project supported by a grant for systematic and evolutionary biology, Chinese Academy of Sciences.

2. To whom to address correspondence. e-mail: yuandc@panda.ioz.ac.cn

6. *A. hamatella* Wang & Song - Yunnan.
7. *A. indica* Felder - Fujian, Guangdong, Hainan, Yunnan.
8. *A. intricata* Bleszynski - Guangdong, Hainan.
9. *A. japonica* Zeller - Heilongjiang, Liaoning, Gansu, Hebei, Shanxi, Shandong, Jiangsu, Zhejiang, Hubei, Hunan, Fujian, Guangdong, Hainan, Guangxi, Sichuan, Xizang.
10. *A. likiangella* Bleszynski - Yunnan.
11. *A. locupletella* (Kollar) - Yunnan, Xizang.
12. *A. longicorniella* Song & Chen n. sp. - Guangdong.
13. *A. palpella* (Denis & Schiffermüller) - Xinjiang.
14. *A. rotaxella* Bleszynski - Yunnan.
15. *A. taprobanensis* Zeller - Yunnan.
16. *A. umbonella* Wang & Song - Yunnan.

**Key to the Chinese Species of *Ancylolomia*,
based on male genitalia**

1. - Aedeagus with a long and thin cornutus *A. chrysographella* (Kollar)
 - Aedeagus without long and thin cornutus 2
2. - Uncus with thorns dorsally 3
 - Uncus without thorn dorsally 15
3. - Uncus with one thorn dorsally 4
 - Uncus with two thorns on dorsally 6
4. - Valva with a subcostal process *A. intricata* Bleszynski
 - Valva without process 5
5. - Juxta with two long arms *A. rotaxella* Bleszynski
 - Juxta without long arms *A. japonica* Zeller
6. - Dorsal thorns of uncus long, nearly 1/3 length of uncus 7
 - Dorsal thorns of uncus long, shorter than 1/3 length of uncus 10
7. - Dorsal thorns of uncus pointing to base of uncus 8
 - Dorsal thorns of uncus pointing to apex of uncus 9
8. - Juxta with two long arms *A. carcinella* Wang & Song
 - Juxta without long arm *A. likiangella* Bleszynski
9. - Juxta with two fist-shaped small projections above *A. umbonella* Wang & Song
 - Juxta with two long projections *A. carcinelloides* Song & Chen n. sp.
10. - Dorsal thorns of uncus pointing suddenly *A. bitubiroSELLA* Amsel
 - Dorsal thorns of uncus pointing gradually 11
11. - Valva with a process on costa 12
 - Valva without process on costa 13
12. - Valva with a horn-like, compressed subbasal process *A. aduncella* Wang & Song
 - Valva with a flap-like subcostal process *A. longicorniella* Song & Chen n. sp.
13. - Juxta with two long and broad arms 14
 - Juxta without long arm *A. indica* Felder
14. - Apex of juxta with a minute triangular horn *A. hamatella* Wang & Song
 - Apex of juxta without horn *A. taprobanensis* Zeller
15. - Uncus swollen dorsally *A. palpella* (Denis & Schiffermüller)
 - Uncus not swollen dorsally *A. locupletella* (Kollar)

***Ancylolomia carcinelloides* Song & Chen, new sp.**

Description.—MALE (Fig. 1): Wing expanse 26 mm. **Head:** Antenna yellow-brown, pectinate. Frons yellow-brown. Labial palpi yellow-brown, light-yellow medially, twice as long as diameter of eye. Maxillary palpi yellow-brown. **Thorax:** dark ochreous. **Forewing:** dark ochreous, with scattered dark-brown scales; subterminal fasciae dark-brown, doubled, saw-toothed; dark-brown terminal spots present; fringe brown, glossy. **Hindwing:** dark ochreous, fringe dull-white. **Abdomen:** dark ochreous. **Male genitalia** (Fig. 3): Uncus and gnathos equal in length. Uncus with a pair of thorns directed toward tip of uncus, nearly 1/3 length of uncus, apically

pointed. Costa not sclerotized. Sacculus folded, lightly sclerotized. Juxta suboval, with a pair of arms protruding above. Aedeagus apex sclerotized, slightly swollen in middle, without cornutus.

FEMALE: Unknown.

Types.—Holotype male: P. R. CHINA.—Yunnan: Yiliang, (24.9°N, 103.1°E), 1900m, 11 Jun 1979, W.-C. Chao, gen. slide no. C893 IZAS

Paratype: 1♂, P. R. CHINA.—Yunnan: Hekou, 11 Jul 1956, Bangfeiluofo, gen. slide no. C593 IZAS.

Distribution.—P. R. China: Yunnan.

Etymology.—The species name is derived from Latin *oides* = similar, referring to the similarity with *A. carcinella* Wang & Song in the shape of the valva and aedeagus.

Remarks.—This species resembles *A. carcinella* Wang & Song in the shape of the genitalia, but in *A. carcinelloides* the uncus has a pair of thorns pointing to the tip of uncus and the cucullus is without fold. In *A. carcinella* uncus has a pair of thorns pointing to the base of the uncus and the cucullus is folded. According to Wang and Song (1981) definition of Palaearctic *Ancylolomia* species groups, the new species belongs to the *A. palpella* species group.

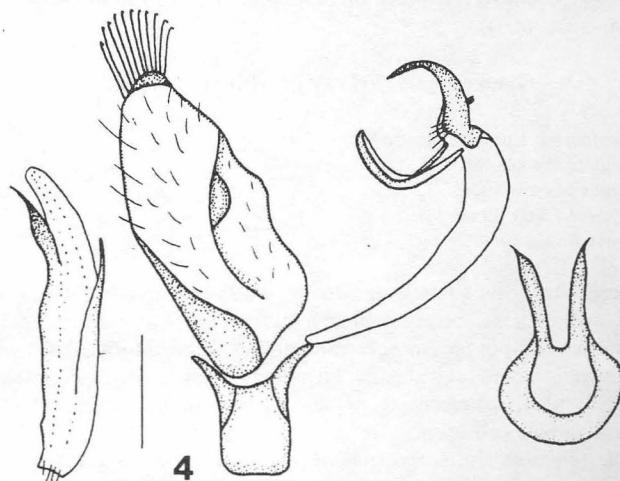
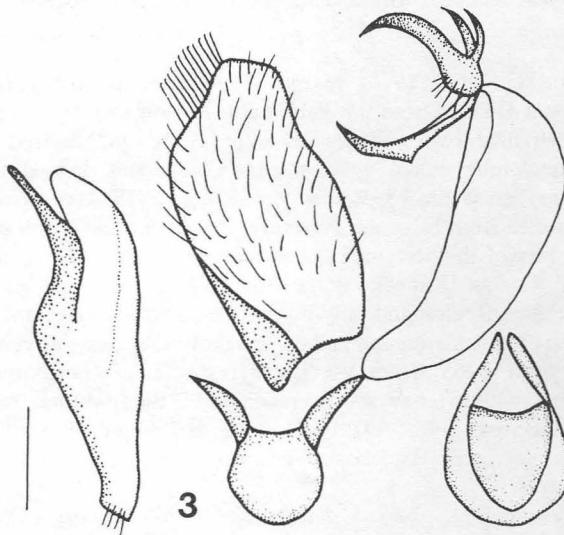


Fig. 3-4. Male genitalia a) aedeagus; b) valva; c) juxta: 3. *Ancylolomia carcinelloides* Song & Chen n. sp.; 4. *Ancylolomia longicorniella* Song & Chen n. sp. (scale line = 0.5mm).

***Ancylolomia longicorniella* Song & Chen, new sp.**

Description.—MALE (Fig. 2): Wing expanse 15-16 mm. Externally, rather similar to *A. indica* and other species. **Head:** Antenna yellow-brown, pectinate. Frons yellow-brown. Labial palpi yellow, 1.5 times as long as

diameter of eye. Maxillary palpi yellow. *Thorax*: ochreous. *Forewing*: ground color ochreous, with scattered brown scales, a dull-white longitudinal line below the cell present; subterminal fascia dark-brown, doubled, saw-toothed; dark-brown terminal spots present; fringe brown, glossy. *Hindwing*: dull white, fringe dull-white. *Abdomen*: light ochreous. *Male genitalia* (Fig. 4): Uncus and gnathos equal in length. Uncus with a pair of knob-shaped, small thorns, each with a seta at apex. Valva with a large, flap-like, subcostal process. Sacculus folded, lightly sclerotized. Juxta globe-shaped below, with two narrow arms above, apically pointed. Aedeagus apex sclerotized, without cornutus.

FEMALE: Unknown.

Types.— Holotype male: P. R. CHINA.— Guangdong: Guangzhou, (23.1°N, 113.2°E), 50m, 28 Jun 1958, Y.-X. Chen, gen. slide no. C602 IZAS.

Paratypes: 2♂, P. R. CHINA.— same locality, 29 Aug 1958, B. L. Zhang, gen. slide no. C618 IZAS and C607 IZAS.

Distribution.— P. R. China: Guangdong.

Etymology.— The species name is derived from Latin *longicornis* = long horns, referring to the long arms of the juxta.

Remarks.— This new species resembles *A. rotaxella* Bleszynski 1965 in the shape of juxta and uncus, but in *A. longicornella* the valva has a subcostal process and the cucullus is folded, while in *A. rotaxella* the valva does not have a subcostal process and the cucullus is not folded. The new species also relates to *A. intricata* Bleszynski in the shape of the subcostal prong of the valva and uncus, but in our new species, the valva is without a sclerotized costa and the juxta has two long arms; while in *A. intricata* Bleszynski, the valva has a sclerotized costa and the juxta has two short arms. According to Wang and Song (1981) definition of Palaearctic *Ancylolomia* species groups, the new species belongs to the *A. palpella* species group.

Ancylolomia taprobanensis Zeller, 1863

Ancylolomia intricata Zeller, 1863: 12.

Specimens examined.— P. R. CHINA.— Yunnan: Lijiang, 1♂, 3 May 1980, Coll. L. Y. Wang, gen. slide no. C783 (IZAS); Yunnan: Yiliang [Likiang], 1♂, 11 Apr 1982, no collector label, gen. slide no. C909 (IZAS).

Distribution.— P. R. China (new distribution record) (Yunnan); Sri Lanka (Bleszynski, 1970); southern India (Bleszynski, 1970).

Remarks.— According to Wang & Song (1981) and their definition of Palaearctic *Ancylolomia* species groups, the species belongs to the *A. palpella* group.

ACKNOWLEDGMENTS

We are indebted to Mr. G.-Q. MAI, Research Center of Animal Evolution and Systematics, Institute of Zoology, Chinese Academy of Sciences, Beijing, for his taking the photographs.

LITERATURE CITED

Amsel, H. G.

1949. Die Microlepidopteren der Brandt'schen Iran-Ausbeute. I. Teil. *Bull. Soc. Fouad. Ent.* (Cairo), 33:227-269.

Bleszynski, S.

1965. Crambinae. In H. G., Amsel, F. Gregor, and H. Reisser (eds.), *Microlepidoptera Palaearctica*. Vol. 1:51-64. Vienna: Verlag G. Fromme.
1970. A Revision of the Oriental species of the genus *Ancylolomia* Hübner (Studies on the Crambinae, Lepidoptera, Pyralidae, Part 49). *Tijds. Ent.* (Amsterdam), 113:27-43.

Hübner, J.

- 1816-[1826]. *Verzeichnis bekannter Schmettlinge*. Augsburg. 432pp.

Mabille, P.

1906. Essai sur plusieurs Lépidoptères de la faune paléarctique. *Ann. Soc. Ent. Fr.* (Paris), 75:31-36.

Rougeot, P. C.

1984. Missions entomologiques en Ethiopie 1976-1982. *Mém. Mus. Natl. Hist. Nat.* (Paris), (Zool.) 128:1-93.

Strand, E.

1907. Rectification synonymique. *Bull. Soc. Ent.* (Paris), 1907:175.

Walker, F.

1863. List of the Specimens of Lepidopterous Insects in the Collection of the British Museum. Part XXVII: *Crambites & Tortricites*. London: Brit. Mus. 286pp.

Wang, P.-Y., and S.-M. Song

1981. New species and new records of the genus *Ancylolomia* Hübner from China with notes on specifying the Palaearctic species groups (Lepidoptera: Pyralidae). *Acta Ent. Sinica* (Beijing), 24:196-202.

1982. A revision on the identification and distribution of the rice webworm *Ancylolomia* associated with cultivated paddy in China (Lepidoptera: Pyralidae). *Acta Ent. Sinica* (Beijing), 25:76-84.

Zeller, P. C.

1863. *Chilonidarum et Crambidarum genera et species*. 53pp.

NOTES ON *EUCHLAENA 'PECTINARIA'* IN THE UNITED STATES (LEPIDOPTERA: GEOMETRIDAE: ENNOMINAE)

J. B. HEPPNER¹

Florida State Collection of Arthropods
FDACS, DPI, P. O. Box 147100, Gainesville, Florida 32614, USA

ABSTRACT.—The name *Euchlaena pectinaria* (Denis & Schiffermüller, 1775) is noted to be erroneously applied to the North American geometrid species, while the American species is to be correctly called by its previously considered junior synonym, *Euchlaena deductaria* (Walker, 1860). The name "pectinaria" D. & S. is noted to be a junior synonym of the European species, *Odontopera bidentata* (Clerck, 1759), as already reported for many years in the European literature. *Endropia* Guenée, 1857, since *E. pectinaria* is the type-species, needs to be transferred as a junior subjective synonym of *Odontopera* Stephens, 1831.

KEY WORDS: Austria, distribution, *Endropia*, Europe, New World, nomenclature, *Odontopera*, taxonomy.

The various species of the genus *Euchlaena* comprise one of the dominant groups of American geometer moths in eastern North America. One of these, *Euchlaena pectinaria* (Denis & Schiffermüller), is among the more common species in the southeastern states. The name being used, however, is erroneously applied to the American fauna, something which has not as yet been corrected for the New World literature.

In Europe, it already has been documented for some years that the old Denis & Schiffermüller (1775) name, *Geometra pectinaria*, is a synonym of a European species, now called *Odontopera bidentata* (Clerck, 1759) (see recent catalogs like Leraut, 1997). Denis and Schiffermüller (1775) are well-known to only have dealt with Lepidoptera from near Vienna, Austria, in their compendium of the local fauna, and included no truly exotic species in their book. How the old European name "pectinaria" got into the American literature is somewhat of a mystery, but apparently it was thought to be the same as our American species when comparisons were first made with the named European species: this erroneous identification has been retained in our literature ever since (see Packard, 1876; Dyar, 1903). It is not clear who first made the comparison of the species involved to attach the Denis & Schiffermüller name "pectinaria" to the American species, but it may well have been Guenée (1857), although the usage of the name by Hübner (1796-1838 [1813], 1816-26 [1823]) and subsequent references to the species refer to this usage (see Walker, 1860). This error was then just repeated from author to author without further investigation.

Even the most recent North American catalog (Ferguson, 1983) did not correct this the "pectinaria" nomenclature. Likewise, for other recent American moth literature (Covell, 1984, 1999). When Rindge (1956) briefly discussed *Euchlaena*, the name applied to our species as *E. pectinaria* was simply accepted as correct. A chance investigation of why we had this European name applied to an American species finally brought forth the correct status of what we have been calling "*E. pectinaria*", in order to have the name verified for the new Florida catalog (Heppner, 2003) and not repeat the erroneous usage. All such cases should always be checked, since only a few truly Holarctic species (e.g., ranging from Siberia to Alaska, or to Labrador, etc.) are verified as such and not distinct

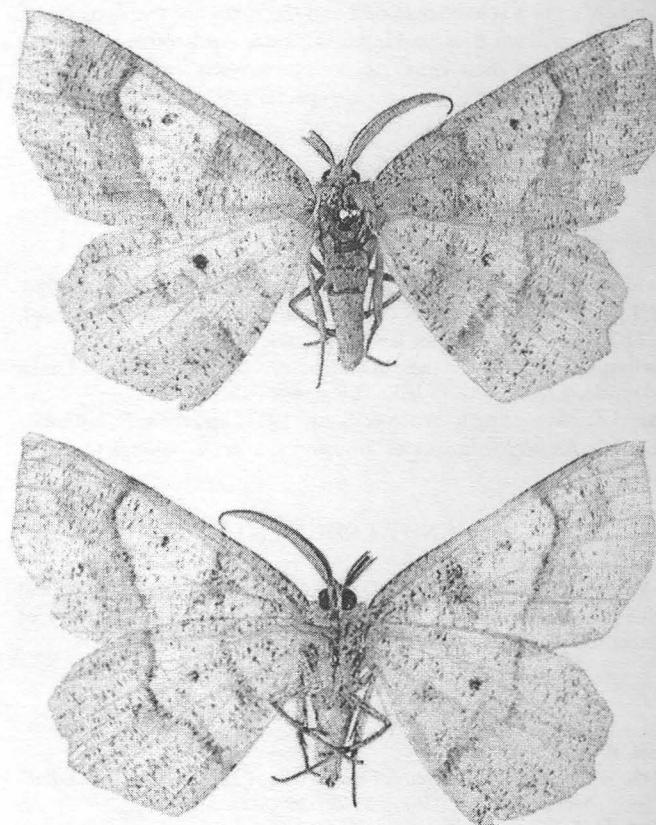


Fig. 1. Holotype of *Euchlaena deductaria* (Walker) from "East Florida" (enlarged): upper figure, dorsal side, and lower figure, ventral side (courtesy BMNH).

North America siblings. Of course, those Palearctic species that have been inadvertently introduced over the years into the Nearctic, like gypsy moths and cabbage butterflies, etc., are correctly named and need no further clarification.

Euchlaena is now considered as only a New World genus, mainly North American, with a few species also known for Central and South America (Scoble, 1999; Walker, 1860). "*E. pectinaria*" was the sole species considered as also occurring outside of the

1. Contribution No. 938, Entomology Section, Bur. Ent. Nema. Plant Path., Div. Plant Industry, Florida Dept. Agric. & Consumer Serv., Gainesville, FL.

New World (i.e., Holarctic), and related species were thought to also be in Asia. Walker (1860) described the southeastern United States species which we are dealing with herein, as *Endropia deductaria* Walker, and this name was maintained as a synonym of the European "*E. pectinaria*" (see Rindge, 1956). This erroneous usage was perpetuated in the American literature. We now know different, since the European workers have verified that "*pectinaria*" D. & S. (1775) actually refers to the European *Odontopera bidentata*, as noted above.

Walker described his species, *E. deductaria* (Fig. 1), from "East Florida" and in the prime range of this more southerly distributed *Euchlaena*, thus, giving us an alternate name to use for this species. It is clear that the correct name for our species is *Euchlaena deductaria* (Walker). The holotype of Walker's species (Fig. 1) was examined by Linda Pitkin, of the Natural History Museum (BMNH), London, England, and found to conform with other specimens of what has been called "*pectinaria*" from the United States. Walker (1860) also noted in his original description of *E. deductaria* that it might only be a "local variety of *E. pectinaria*."

The Hübner ([1813]) sense of the name "*pectinaria*" refers to the North American species but the name is a homonym of the earlier usage by Denis & Schiffermüller (1775), if one even considers the Hübner (1813) name as validly redescribed. In checking on the Walker type in London, L. Pitkin noted also that a few other non-European species got mixed into Hübner's European work (1796-1838). She also noted that Hübner (1816-26 [1823]) included another name "*Hypagyrtis adoptivaria*" in reference to the same figure named "*pectinaria*" in his European work (Hübner, 1796-1838 [1813]). This name, however, appears to be a *nomen oblitum*, if even valid (names before 1860 that refer to published figures tend to be taken as valid even if not accompanied by any description; the figure being referred to then taken as the "description").

The works of Scoble (1999) and Walker (1854-66) both do not mention the name "*adoptivaria*" for any species of Geometridae. Unfortunately, the Scoble catalog does not list names considered invalid or infraspecific. Likewise, the Hübner ([1823]) name is not mentioned in the current North American catalog (Ferguson, 1983), or other North American literature. Thus, Hübner's "*adoptivaria*" name was dropped from the European literature and never mentioned further in American literature either, so a truly forgotten name (*nomen oblitum*) that should not be used.

The catalog entry as Ferguson (1983) had it in the genus *Euchlaena* can be emended and enhanced as follows:

6735 *deductaria* (Walker, 1860) (*Endropia*) "East Florida"
pectinaria (Hübner, [1813]) (*Geometra*), misid., "Europe" [N.Am.]
 preocc. (not Denis & Schiffermüller, 1775)
adoptivaria (Hübner, [1823]) (*Hypagyrtis*), nom. "Europe" [N.Am.]
 oblit.

More recently, the "*pectinaria*" name confusion was further muddled when the first worldwide catalog of Geometridae (Scoble, 1999) failed to correct this matter in *Euchlaena*, even though the recent European catalogs for Geometridae had already clarified the correct status of the old Denis & Schiffermüller name. Thus, the world catalog also needs correction and the names assigned as noted above. The old *Lepidopterorum Catalogus*, published in Europe from 1911-39, never did include the massively diverse Ennominae, so this no doubt also hindered the correction of the American *Euchlaena* names. The new *Lepidopterorum Catalogus* series, since 1989, and now published in North America by the Association for Tropical Lepidoptera, will document such details further when the Geometridae are treated.

ACKNOWLEDGMENTS

Thanks are due to Linda Pitkin and Malcolm Scoble, both of the Natural History Museum (BMNH), London, England, UK, for checking on names in their files and collection. Linda Pitkin in particular also helped in sending photographs of the Walker types of what now is *Euchlaena deductaria* and checking on other specimens, plus noting the names Hübner used for this species. Likewise, Frederick H. Rindge, formerly of the American Museum of Natural History Museum, New York, New York, kindly sent recollections and notes from his studies that included *Euchlaena* species (Rindge, 1956).

LITERATURE CITED

- Covell, C. V., Jr.
 1984. *A Field Guide to the Moths of Eastern North America*. Boston: Houghton Mifflin. 496pp, 64 pl.
1999. *The Butterflies and Moths (Lepidoptera) of Kentucky: an Annotated Checklist*. Frankfort: Kentucky St. Nat. Pres. Comm. 220pp.
- [Denis, J. N. C. M., and I. Schiffermüller]
 1775. *Ankündigung eines systematisches Werkes von den Schmetterlingen der Wienergegend*. Vienna: Bernardi. 322pp, 2 pl.
- Dyar, H. G.
 [1903]. A list of North American Lepidoptera and key to the literature of this order of insects. *Bull. U. S. Natl. Mus.* (Washington), 52:1-723. (1902)
- Ferguson, D. C.
 1983. Geometridae. In R. W. Hodges, et al. (eds.), *Check list of the Lepidoptera of America north of Mexico, including Greenland*, 88-107. London: E. W. Classey and Wedge Ent. Res. Found.
- Guenée, A.
 1857. Uranidae et Phalénites. In A. J. B. D. de Boisduval and A. Guenée, *Histoire Naturelle des Insectes. Species Général des Lépidoptères*, 9:1-514; 10:1-584, 22 pl. Paris: Roret.
- Heppner, J. B. (ed.)
 2003. Lepidoptera of Florida. Part 1: Introduction and Catalog. In *Arthropods of Florida and Neighboring Land Areas*. Vol. 17. Gainesville: Fla. Dept. Agric. Consumer Serv., Div. Plant Indus. 670pp (55 pl.).
- Hübner, J.
 1796-[1838]. *Sammlung europäischer Schmetterlinge*. Augsburg. 7 vol., 785 pl.
- 1816-[26]. *Verzeichniss bekannter Schmettlinge* [sic]. Augsburg. 431 + 72pp.
- Leraut, P. J. A.
 1997. *Liste Systématique et Synonymique des Lépidoptères de France, Belgique et Corse* (2nd ed.). Paris: Alexanor (Suppl.). 526pp.
- Packard, A. S.
 1876. A monograph of the geometrid moths or Phalaenidae of the United States. *Rep. U. S. Geol. Surv. Terr.* (Washington), 10:1-607, 12 pl.
- Rindge, F. H.
 1956. Descriptions of and notes on North American Geometridae (Lepidoptera). *Amer. Mus. Novit.* (New York), 1784:1-19.
- Scoble, M. J.
 1999. *Geometrid Moths of the World: a Catalog (Lepidoptera: Geometridae)*. Canberra: CSIRO. 2 v.
- Walker, F.
 1854-66. *List of the Specimens of Lepidopterous Insects in the Collection of the British Museum*. London: Brit. Mus. 35 pts. (1860: vol. 20).

NEW LITERATURE - 2001

References included herein are from the 2001 primary Lepidoptera literature of books and major journals, totalling 1,922 titles (see *Lepid. News.*, March 2000, for a listing of major journals consulted). The bibliography is divided into sections for the subject matter of the papers cited: General, Personalia/History, Morphology/Physiology, Economic/Medical, Holarctic, and Tropical papers. The economic section includes only those papers on Lepidoptera pests that may be of more general interest to members; not listed are about as many papers as are listed herein, involving Lepidoptera in such subjects as pest control, molecular biology, silkworm culture, etc., or where a lepidopteran is only used as the subject of various experimental studies. Within the Holarctic and Tropical sections, the papers (mostly taxonomic) are listed alphabetically by family and author, or under the more general headings of Heterocera, Lepidoptera, and Rhopalocera. Papers are listed once except in rare instances where the subject matter pertains to more than one section or family. Notations are made in square brackets after some citations for the country or countries involved, or the taxa 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 from actual dates of issue, thus, some citations show a cover date at the end different from the actual date of issue (papers not noting the true issue date in the issue have the correct date in square brackets). J.B.H.

GENERAL

Abuhoff, D. M., and H. Zirlin

2001. Origin of subspecies: tool for preserving land? *New York Law J.*, 2001(Dec. 17):3-4. [USA]

Agrawal, A. A.

2001. Transgenerational consequences of plant responses to herbivory: an adaptive maternal effect? *Amer. Nat.* (Chicago), 157:555-569. [Canada]

Ainsworth, C.

2001. Let's get together. *New Scientist* (London), 169(2277):17. [Rhopalocera]

Altermatt, F.

2001. Observations on nectar plants for butterflies (Lepidoptera). *Mitt. Ent. Ges. Basel*, 51:15-24. [Switzerland]

Amarasekare, P., and R. M. Nisbet

2001. Spatial heterogeneity, source-sink dynamics and the local coexistence of competing species. *Amer. Nat.* (Chicago), 158:572-584. [Nymphalidae, part] [USA]

Andersen, N. M.

2001. The impact of W. Hennig's "phylogenetic systematics" on contemporary entomology. *Eur. J. Ent.* (České Budějovice), 98:133-150.

Andersson, G.

2001. Insect collections: invaluable biological archives. But how to preserve them? *Ent. Tidskr.* (Stockholm), 122:69-72.

Anon.

2001. Even in their winter retreat, monarchs are beset by threats. *New York Times*, 150(Mar 13):F4. [Nymphalidae; Mexico]

Atauri, J. A., and J. V. de Lucio

2001. The role of landscape structure in species richness distribution of birds, amphibians, reptiles and lepidopterans in Mediterranean landscapes. *Landscape Ecol.* (The Hague), 16:147-159. [Spain]

Benyamin, D.

2001. A visit to the butterfly farm of avid Shahak in Tirat Zvi. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):29-30. [Israel] [in Hebrew]

Bouchie, A.

2001. First GM insect field trial planned in US. *Nature Biotech.* (New York), 19:297. [Gelechiidae genetically engineered]

Brakefield, P. M.

2001. Structure of a character and the evolution of butterfly eyespot patterns. *J. Exp. Zool.* (New York), 291:94-104. [Africa]

Bräu, M.

2001. Insektenarten des Münchner Raumes und ihre Lebensräume. *NachBl. Bayer. Ent.* (Munich), 50:106-112. [Germany]

Brock, J.

2001. Lake Isabella & the southern California Sierra. *Amer. Butt.* (Morristown), 9(4):4-15. [USA]

Bronstein, J. L.

2001. The costs of mutualism. *Amer. Zool.* (Thousand Oaks), 41:825-839. [Prodoxidae] [USA]

Brower, L. P.

2001. Canary in the cornfield: the monarch and the Bt corn controversy. *Orion* (Great Barrington, Ma), 20(2):32-41. [USA]

Brown, J. W.

2001. Presidential address, 2000: nomenclatural nonsense — flying in the face of a farcical code. *J. Lepid. Soc.* (Los Angeles), 55:1-7. [USA]

Brown, K. S., Jr., and A. V. L. Freitas

2001. Atlantic forest butterflies: indicators for landscape conservation. *Biotrop.* (Lawrence), 32:934-956. [Brazil]

Buchori, D.

2001. Challenges for insect conservation in the tropics: a case study on Indonesia. *Antenna* (London), 25:32-40.

Buchsbaum, U.

2001. Entomologische Reise ins neue Jahrtausend — die ersten Schmetterlinge des Jahres 2000 aus Borneo. *Ent. Zeit.* (Stuttgart), 111:212-217. [Sabah]

Bueno-H., A., and J. Llorente-B.

- [2001]. Una visión histórica de la biogeografía dispersionista con críticas a sus fundamentos. *Caldasia* (Bogota), 22:161-184. (2000)

Cary, S. J.

2001. Sugarite Canyon State Park, Colfax County, New Mexico. *Amer. Butt.* (Morristown), 9(3):4-15. [USA]

Cho, S.-W.

2001. Field preservation methods of moths for use in molecular systematics: a preliminary comparison. *J. Asia-Pac. Ent.* (Seoul), 4:93-97. [South Korea]

Christenson, J. S., and D. R. Lentz

2001. Steps for success in rare species conservation: the Wisconsin statewide Karner blue butterfly HCP. *Trans. N. Am. Wildlife Nat. Resour. Conf.* (Washington), 66:443-455. [Lycaenidae] [USA]

Clarke, G. M.

2001. Invertebrate conservation in Australia: past, present and future prospects. *Antenna* (London), 25:8-21.

Cordero, C.

2001. A different look at the false head of butterflies. *Ecol. Ent.* (London), 26:106-108. [Lycaenidae, Riodinidae; Mexico]

Cunningham, J. P., S. A. West, and M. P. Zalucki

2001. Host selection in phytophagous insects: a new explanation for learning in adults. *Oikos* (Copenhagen), 95:537-543. [Australia]

Debinski, D. M., C. Ray, and E. H. Saveraid

2001. Species diversity and the scale of the landscape mosaic: do scales of movement and patch size affect diversity? *Biol. Conserv.* (Oxford), 98:179-190. [Rhopalocera; USA]

Diehl, E. W.

2001. Moderner Lichtfang unter besonderer Berücksichtigung tropischer Verhältnisse. *Ent. Zeit.* (Stuttgart), 111:308-311. [Indonesia]

Eckweiler, W.

2001. Schattenfreie Fotografie von Insekten mit Hilfe einer Ringleuchte. *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:136.

Edmunds, R.

2001. British moth websites. *Ent. Rec. J. Var.* (Surrey), 113:178-179.

Eley, H. A. C., M. J. Lawes, and B. Reyers

2001. Priority areas for the conservation of subtropical indigenous forest in southern Africa: a case study from KwaZulu-Natal. *Biodivers. Conserv.* (Amsterdam), 10:1221-1246. [Rhopalocera] [South Africa]

Ehrlich, P. R.

2001. Tropical butterflies: a key model group that can be "completed." *Lepid. News* (Gainesville), 2001(2):1, 10-12.

Floater, G. J.

2001. Habitat complexity, spatial interference, and "minimum risk distribution": a framework for population stability. *Ecol. Monog.* (Tempe), 71:447-468. [Notodontidae] [England]

Fountain, H.

2001. For caterpillars, making a racket goes with the territory. *New York Times*, 151(Oct 2):F4. [Drepanidae] [USA]

Fratello, S.

2001. Guyana montane expeditions, II. *Lepid. News* (Gainesville), 2001(2):8-9.

Green, K., L. Broome, D. Heinze, and S. Johnston

2001. Long distance transport of arsenic by migrating bogong moths from agricultural lowlands to mountain ecosystems. *Vict. Nat.* (Blackburn), 118:112-116. [Noctuidae] [Australia]

Greenslade, P.

2001. What entomologists think about listing species for protection: a survey of butterfly specialists in Australia. *Trans. Roy. Zool. Soc. NSW* (Sydney), 1999:345-349.

Grimaldi, D.

2001. Insect evolutionary history from Handlirsch to Hennig, and beyond. *J. Paleontol.* (New York), 75:1152-1160.

Haribal, M.

2001. Overwintering population of *Danaus (Salathura) genutia* in Tiger Valley in Sanjay Gandhi National Park, Mumbai, Maharashtra. *J. Bombay Nat. Hist. Soc.*, 98:469-473. [India]
- Harvey, M.**
2001. The wildlife trusts and invertebrate conservation. *Antenna* (London), 25:94-95. [England]
- Heinrich, B.**
2001. Winter Guests. *Nat. Hist.* (New York), 110(1):36-37. [Nymphalidae; USA]
- Henneman, M. L., and J. Memmott**
2001. Infiltration of a Hawaiian community by introduced biological control agents. *Sci.* (Washington), 293:1314-1316. [Heterocera]
- Heppner, J. B.**
2001a. Taiwan Lepidoptera Survey: 20 years. *Lepid. News* (Gainesville), 2000 (3):5. (2000) [USA]
2001b. Techniques: double mounts with plastozote. *Lepid. News* (Gainesville), 2000(3):6. (2000) [USA]
2001c. Santo Domingo in Taiwan? *Lepid. News* (Gainesville), 2001(2):3.
2001d. FSCA research associates. *Lepid. News* (Gainesville), 2001(2):3-4. [USA]
2001e. Old names and the zoological code. *Lepid. News* (Gainesville), 2001(2):4.
2001f. NABA calls collectors immoral. *Lepid. News* (Gainesville), 2001(3):3-5. [USA]
2001g. Walls keep rising: research in India effectively closed. *Lepid. News* (Gainesville), 2001(3):10.
- Hijii, N., Y. Umeda, and M. Mizutani**
2001. Estimating density and biomass of canopy arthropods in coniferous plantations: an approach based on a tree-dimensional parameter. *For. Ecol. Mgmt.* (Amsterdam), 144:147-157. [Japan]
- Hilbeck, A.**
2001. Implications of transgenic, insecticidal plants for insect and plant biodiversity. *Perspect. Plant Ecol. Evol. Syst.* (), 4:43-61.
- Holland, J. N., and D. L. DeAngelis**
2001. Population dynamics and the ecological stability of obligate pollination mutualisms. *Oecolog.* (Berlin), 126:575-586.
- Ish-Am, G.**
2001. Damage to the high Mt. Hermon butterfly fauna. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):7. [Israel] [in Hebrew]
- Johnson, K.**
2001. Monarch watch: monarch experts call monarch situation in Mexico critical. *Lepid. News* (Gainesville), 2000(3):1, 7-10. (2000)
- Johnson, K., and R. De Candido**
2001. Despite terror tragedy, New Yorkers turn out for monarchs. *News Lepid. Soc.* (Los Angeles), 43:104-105. [USA]
- Johnson, K., and R. De Candido**
2001. Devastating March for monarchs in Mexico. *News Lepid. Soc.* (Los Angeles), 43:44-45.
- Kapan, D. D.**
2001. Three-butterfly system provides a field test of Müllerian mimicry. *Nature* (London), 409:338-340. [Nymphalidae; Puerto Rico]
- Kassarov, L.**
2001. Do cyanogenic glycosides and pyrrolizidine alkaloids provide some butterflies with a chemical defense against their bird predators? A different point of view. *Behav.* (Leiden), 138:45-67. [Nymphalidae]
- Kemp, D. J.**
2001. Contest behavior in territorial male butterflies: does size matter? *Behav. Ecol.* (Cary), 11:591-596. [Australia]
- Kondla, N. G.**
2001. Etymology of the butterfly *Speyeria aphrodite whitehousei*: banker F. C. Whitehouse or forester A. C. Whitehouse? *News. Lepid. Soc.* (Los Angeles), 43:100.
- Knüttel, H., and K. Fiedler**
2001a. On the use of ultraviolet photography and ultraviolet wing patterns in butterfly morphology and taxonomy. *J. Lepid. Soc.* (Los Angeles), 54:137-144. (2000)
2001b. Host-plant-derived variation in ultraviolet wing patterns influences mate selection by male butterflies. *J. Exper. Biol.* (Cambridge), 204:2447-2459. [Lycaenidae] [Germany]
- Larsen, T. B.**
2001a. Hazards of butterfly collecting – round-eye taxi driver, Korea, 1978. *Ent. Rec. J. Var.* (Surrey), 113:24-25.
2001b. Hazards of butterfly collecting: *Ornitholidotos larseni* – Nigeria, 1967-69. *Ent. Rec. J. Var.* (Surrey), 113:80-81.
2001c. Hazards of butterfly collecting: a military escort will be needed – Oman
1979. *Ent. Rec. J. Var.* (Surrey), 113:138-139.
2001d. Hazards of butterfly collecting: Airport Hotel, Lagos – Nigeria 1978/80. *Ent. Rec. J. Var.* (Surrey), 113:175-176.
2001e. Hazards of butterfly collecting: we are going to shoot you, Sir – Benin, Nigeria, 1969. *Ent. Rec. J. Var.* (Surrey), 113:235-236.
2001f. Hazards of butterfly collecting: a typical Scandinavian picnic – New Delhi, 1955. *Ent. Rec. J. Var.* (Surrey), 113:282-284.
- Lewis, O. T.**
2001. Effect of experimental selective logging on tropical butterflies. *Conserv. Biol.* (Cambridge), 15:389-400. [Belize]
- Lombardini, J. B.**
2001. Copper Breaks State Park – typical west Texas. *So. Lepid. News* (Gainesville), 23:45-46. [USA]
- Loxdale, H. D.**
2001. Tracking flying insects using molecular markers. *Antenna* (London), 25:242-250. [Nymphalidae]
- Lyytinen, A., R. V. Alatalo, L. Lindstrom, and J. Mappes**
2001. Are European white butterflies aposematic? *Evol. Ecol.* (London), 13: 709-719. (1999) [Pieridae; Finland]
- Mallet, J.**
2001. Mimicry: an interface between psychology and evolution. *Proc. Natl. Acad. Sci.* (Washington), 98:8928-8930. [Rhopalocera]
- Matsuda, S.**
2001. Lettering play with butterfly's wing patterns. *Yadoriga* (Tokyo), 189:10-11. [in Japanese]
- McGeoch, M. A.**
2001. View from the frontline: insect conservation in South Africa. *Antenna* (London), 25:21-32.
- Meyer, C. L., and T. D. Sisk**
2001. Butterfly response to microclimatic conditions following ponderosa pine restoration. *Restor. Ecol.* (Malden), 9:453-461. [Pieridae] [USA]
- Middlebrook, I.**
2001. Action for invertebrates. *Antenna* (London), 25:96-97. [England]
- Miller, L. A., and A. Surlykke**
2001. How some insects detect and avoid being eaten by bats: tactics and countermeasures of prey and predator. *Biosci.* (Washington), 51:570-581. [Denmark]
- Milius, S.**
2001. Bt corn risk to monarchs is "negligible." *Sci. News* (Washington), 160: 164. [USA]
- Minorsky, P. V.**
2001. The hot and the classic [transgenic corn]. *Plant Physiol.* (Rockville), 127:709-710. [Nymphalidae, Pyralidae] [USA]
- Morishita, K.**
2001. A flying visit to N. W. Yunnan, China. *Yadoriga* (Tokyo), 191:14-23. [Lepidoptera] [in Japanese]
- Morley, Y. E., and R. C. Ydenberg**
2001. Protandrous arrival timing to breeding areas: a review. *Ecol. Lett.* (London), 4:663-673.
- Nieminen, M., M. C. Singer, W. Fortellius, K. Schoeps, and I. Hanski**
2001. Experimental confirmation that inbreeding depression increases extinction risk in butterfly populations. *Amer. Nat.* (Chicago), 157:237-244. [Nymphalidae; Finland]
- Nijhout, H. F.**
2001. Elements of butterfly wing patterns. *J. Exp. Zool.* (New York), 291:213-225. [USA]
- Obrycki, J. J.**
2001a. Transgenic insecticidal corn: the agronomic and ecological rational for its use: response from Obrycki and colleagues. *Biosci.* (Washington), 51:903-905. [USA]
2001b. Supporting a cautious approach to agricultural biotechnology: response from Obrycki and colleagues. *Biosci.* (Washington), 51:906. [USA]
- Obrycki, J. J., J. E. Losey, O. R. Taylor, and L. C. H. Jesse**
2001. Transgenic insecticidal corn: beyond insecticidal toxicity to ecological complexity. *Biosci.* (Washington), 51:353-361. [USA]
- Ortman, E. E., B. D. Barry, L. L. Buschman, D. D. Calvin, J. Carpenter, G. P. Dively, J. E. Foster, B. W. Fuller, R. L. Hellmich, R. A. Higgins, T. E. Hunt, G. P. Minkvold, K. R. Ostlie, M. E. Rice, R. T. Roush, M. K. Sears, A. M. Shelton, B. D. Siegfried, P. E. Sloderbeck, K. L. Steffey, F. T. Turpin, and J. L. Wedberg**
2001. Transgenic insecticidal corn: the agronomic and ecological rationale for its use. *Biosci.* (Washington), 51:900-903. [USA]
- Parsons, M. S.**
2001. The European status of the UK Biodiversity Action Plan Moths. *Ent.*

- Rec. J. Var.* (Surrey), 113:49-62.
- Peigler, R. S.**
2001. We now know what happened to our biggest moths. *News Lepid. Soc.* (Los Angeles), 43:30-31. [USA]
- Pimm, S. L.**
2001. Entrepreneurial insects. *Nature* (London), 411:531-532. [Rhopalocera] [England]
- Plant, C. W.**
2001. More insect web sites. *Ent. Rec. J. Var.* (Surrey), 113:179-180.
- Pyle, R. M.**
2001. Las monarcas: butterflies on thin ice. *Orion* (Great Barrington, Ma), 20 (2):16-25. [USA]
- Quinn, M.**
2001. 6th annual Texas butterfly festival. *News Lepid. Soc.* (Los Angeles), 43:116-117. [USA]
- Reznik, D. N., and C. K. Ghalmor**
2001. The population ecology of contemporary adaptations: what empirical studies reveal about the conditions that promote adaptive evolution. *Genetica* (Dordrecht), 112-113:183-198. [Geometridae]
- Ricketts, T. H., G. C. Daily, P. R. Ehrlich, and J. P. Fay**
2001. Countryside biogeography of moths in a fragmented landscape: biodiversity in native and agricultural habitats. *Conserv. Biol.* (Cambridge), 15:378-388. [Costa Rica]
- Richers, K.**
2001. Madera Canyon. *News Lepid. Soc.* (Los Angeles), 43:40-41. [USA]
- Ries, L., D. M. Debinski, and M. L. Wieland**
2001. Conservation value of roadside prairie restoration to butterfly communities. *Conserv. Biol.* (Cambridge), 15:401-411. [USA]
- Roig-Junent, S., G. Flores, S. Claver, G. Debandi, and A. Marvaldi**
2001. Monte Desert (Argentina): insect biodiversity and natural areas. *J. Arid Environ.* (London), 47:77-94.
- Ryan, C. A.**
2001. Night moves of pregnant moths. *Nature* (London), 410:530-531. [USA]
- Salvato, M. H.**
2001. Influence of mosquito control chemicals on butterflies (Nymphalidae, Lycaenidae, Hesperiidae) of the Lower Florida Keys. *J. Lepid. Soc.* (Los Angeles), 55:8-14. [USA]
- Sands, D. P. A.**
2001. Conservation status of Lepidoptera: assessment, threatening processes and recovery actions. *Trans. Roy. Zool. Soc. NSW* (Sydney), 1999:382-387. [Australia]
- Schurian, K. G.**
2001. Reisen in die Türkei. *Neue Ent. Nachr.* (Marktleuthen), 51:3-63. [Turkey]
- Scriber, J. M.**
2001. Bt or not Bt: is that the question? *Proc. Natl. Acad. Sci.* (Washington), 98: 12328-12330. [USA]
- Sears, M. K., R. L. Hellmich, D. E. Stanley-Horn, K. S. Oberhauser, J. M. Pleasants, H. R. Mattila, B. D. Siegfried, and G. P. Dively**
2001. Impact of Bt corn pollen on monarch butterfly populations: a risk assessment. *Proc. Natl. Acad. Sci.* (Washington), 98:11937-11942. [Nymphalidae] [N. Amer.]
- Shapiro, A. M.**
2001. The Greeks had a word for it. *News Lepid. Soc.* (Los Angeles), 43:22-23, 31.
- Sharkey, M. J.**
2001. The all taxa biological inventory of the Great Smoky Mountains National Park. *Fla. Ent.* (Gainesville), 84:556-564. [USA]
- Shelton, A. M., and M. K. Sears**
2001. The monarch butterfly controversy: scientific interpretations of a phenomenon. *Plant J. Cell Molec. Biol.* (Oxford), 27:483-488. [Nymphalidae] [USA]
- Stern, D.**
2001. Body-size evolution: how to evolve a mammoth moth. *Curr. Biol.* (London), 11:R917-R919. [USA]
- Stewart, A.**
2001. Conservation of insects in the UK: achievements and prospects. *Antenna* (London), 25:87-91.
- Su, J. C., and S. A. Woods**
2001. Importance of sampling along a vertical gradient to compare the insect fauna in managed forests. *Environ. Ent.* (Lanham), 30:400-408. [USA]
- Svensson, G. P., P. G. Valeur, D. R. Reynolds, A. D. Smith, J. R. Riley, T. C. Baker, G. M. Poppy, and C. Lofstedt**
2001. Mating disruption in *Agrotis segetum* monitored by harmonic radar. *Ent. Exp. Appl.* (Amsterdam), 101:111-121. [Noctuidae] [Sweden]
- Swengel, A. B.**
2001. A literature review of insect responses to fire, compared to other conservation managements of open habitat. *Biodivers. Conserv.* (Amsterdam), 10: 1141-1169. [USA]
- Swengel, A. B., and S. R. Swengel**
2001. Effects of prairie and barrens management on butterfly faunal composition. *Biodivers. Conserv.* (Amsterdam), 10:1757-1785. [USA]
- Tabashnik, B. E., T. J. Dennehy, and Y. Carriere**
2001. Supporting a cautious approach to agricultural biotechnology. *Biosci.* (Washington), 51:905-906. [USA]
- Taeger, A., and R. Gaedike**
2001. On the papers "Systema Glossatorum..." of Fabricius (1807) and "Die neueste Gattungs-Eintheilung der Schmetterlinge..." of Illiger (1807) and the consequences for authorship of several generic names. *Nota Lepid.* (Karlsruhe), 24:85-88.
- Tanikado, M.**
2001. Protected insects in Taiwan and legislation concerned: on the movements referring to butterflies. *Yadoriga* (Tokyo), 189:20-22. [in Japanese]
- Taylor, O. R., T. A. Aschenbach, S. M. Ashworth, O. Komar, W. W. Spotts, and S. Williamson**
2001. Magnetic compass orientation of monarch butterflies (Lepidoptera: Danaidae: *Danaus plexippus* L.): did observer effects lead to false positive results? *J. Kansas Ent. Soc.* (Lawrence), 73:71-76. (2000) [USA]
- Thomas, H., and J. Laporte-Cru**
2001. A naturalistic voyage to Bulgaria. Part II: Fauna and flora of the mountains and karstic areas. *Bull. Soc. Linn. Bordeaux*, 29:1-9. [in French]
- Thompson, J. D.**
2001. How do visitation patterns vary among pollinators in relation to floral display and floral design in a generalist pollination system? *Oecolog.* (Berlin), 126:386-394. [Rhopalocera, Sphingidae; France]
- Torres-V., L. M., M. C. Rodriguez-M., J. Gragera, and P. Bielza-L.**
2001. Polyandry in Lepidoptera: a heritable trait in *Spodoptera exigua* Hübner. *Hered.* (Oxford), 86:177-183. [Spain]
- Vandermeer, J., B. Hoffman, S. L. Krantz-Ryan, U. Wijayratne, J. Buff, and V. Franciscus**
2001. Effect of habitat fragmentation on gypsy moth (*Lymantria dispar* L.) dispersal: the quality of the matrix. *Amer. Midl. Nat.* (Notre Dame), 145: 188-193. [USA]
- Wagener, P. S.**
2001. Auf der Jagd nach Parnassieren in den chinesischen Provinzen Kansu und Hsinghao vor 60 bis 70 Jahren — eine historische Skizze. *Ent. Zeit.* (Stuttgart), 111:66-74. [China]
- Wakeham-Dawson, A., T. Benton, and B. Watts**
2001. Butterflies in Hungary, 9-20 July 1999. *Ent. Rec. J. Var.* (Surrey), 113:3-11.
- Wallis De Vries, M. F., and I. Raemakers**
2001. Does extensive grazing benefit butterflies in coastal dunes? *Restor. Ecol.* (Malden), 9:179-188. [Netherlands]
- Waring, P.**
2001. Grazing and cutting as conservation management tools – the need for a cautious approach, with some examples of rare moths which have been adversely affected. *Ent. Rec. J. Var.* (Surrey), 113:193-200. [England]
- Warren, M. S., J. K. Hill, J. A. Thomas, J. Asher, R. Fox, B. Huntley, D. B. Roy, M. G. Telesh, S. Jeffcoate, P. Harding, G. Jeffcoate, S. G. Willis, J. N. Greatorex-Davies, D. Moss, and C. D. Thomas**
2001. Rapid responses of British butterflies to opposing forces of climate and habitat change. *Nature* (London), 414:65-69. [England]
- Watts, J.**
2001. A butterfly preserve for the Buckeye State. *Amer. Butt.* (Morristown), 9 (3):32-35. [USA]
- Wauer, R. H., and E. Knudson**
2001. Definitive destination: Big Bend National Park, Texas. *Amer. Butt.* (Morristown), 9(1):4-17. [USA]
- Wedell, N.**
2001. Female remating in butterflies: interaction between female genotype and nonfertile sperm. *J. Evol. Biol.* (Basel), 14:746-754. [England]
- Wheeler, W. C., M. Whiting, Q. D. Wheeler, and J. M. Carpenter**
2001. The phylogeny of the extant hexapod orders. *Cladistics* (London), 17:113-169.
- Wilf, P., C. C. Labandeira, K. R. Johnson, P. D. Coley, and A. D. Cutter**
2001. Insect herbivory, plant defense, and early Cenozoic climate change. *Proc. Natl. Acad. Sci.* (Washington), 98:6221-6226. [USA]
- Windig, J. J., P. T. Rintamaki, A. Cassel, and S. Nylin**
2001. How useful if fluctuating asymmetry in conservation biology: asymmetry

- in rare and abundant *Coenonympha* butterflies. *J. Ins. Conserv.* (Dordrecht), 4:253-261. (2000) [Nymphalidae; Sweden]
- Yamamura, K.**
2001. Theoretical studies on the relationship between the spatial distribution of insects and population dynamics. *Bull. Natl. Inst. Agro-Environ. Sci.* (Tokyo), 19:1-60. [Pieridae] [in Japanese]
- Yu, D. W.**
2001. Parasites of mutualisms. *Biol. J. Linn. Soc.* (London), 72:529-546. [Prodoxidae]

PERSONALIA and HISTORY

Anderson, N. M., and V. Michelsen

2001. Ebbe S. Nielsen, in memoriam. *Ins. Syst. Evol.* (Copenhagen), 32:121-122. [Australia; Denmark]

Anon.

- 2001a. [Obituary:] Lauren D. (Andy) Anderson, Ph.D. *News Lepid. Soc.* (Los Angeles), 43:11. [USA]
- 2001b. [Obituary:] J. Bernard ("Bernie") Gollop. *News Lepid. Soc.* (Los Angeles), 43:11. [Canada]
- 2001c. [Obituary:] Peter Ferderick Bellinger, Ph.D. *News Lepid. Soc.* (Los Angeles), 43:11. [USA]
- 2001d. [Obituary:] Arthur William Rupp. *News Lepid. Soc.* (Los Angeles), 43:11. [Canada]
- 2001e. [Obituary:] Lynn Williams. *News Lepid. Soc.* (Los Angeles), 43:11. [USA]
- 2001f. [Obituary:] Mason Arvold. *News Lepid. Soc.* (Los Angeles), 43:47. [USA]
- 2001g. [Obituary:] Dr. Ebbe Schmidt Nielsen. *News Lepid. Soc.* (Los Angeles), 43:47. [Australia]
- 2001h. Ray Albright. *News Lepid. Soc.* (Los Angeles), 43:77. [USA]
- 2001i. Yoshihiko Kurosawa. *Yadoriga* (Tokyo), 190:11-13. [Japan] [in Japanese]
- 2001j. Who was John Abbot?. *So. Lepid. News* (Gainesville), 23:67-68. [USA]
- 2001k. Death of a society member [John Holoyda]. *So. Lepid. News* (Gainesville), 23:68. [USA]
- 2001l. John Holoyda. *News Lepid. Soc.* (Los Angeles), 43:107. [USA]
- 2001m. In memoriam: Claude Dufay (1926-2001). *Bull. Mens. Soc. Linn. Lyon*, 70:187-200. [France] [in French]

Coates, S.

2001. Florida to get major butterfly center. *New York Times*, 150(Mar 20):F6. [USA]

Covell, C. V., Jr.

2001. Richard P. Fall, 1928-2000. *News Lepid. Soc.* (Los Angeles), 43:12. [USA]

Day, M.

2001. Doug (Douglas Frew) Waterhouse OA, CMG, FRES (Hon), Dsc, FRS, FAA, FTS - 1916-2000. *Antenna* (London), 25:85-86. [Australia]

Emmel, T. C.

- 2001a. The McGuire Center for Lepidoptera. The McGuire Center for Lepidoptera Research and Insect Conservation to be established in Gainesville at the University of Florida. *Lepid. News* (Gainesville), 2001(1):1, 4-7. [USA]

- 2001b. Background on the McGuire gift: a family's interest in the natural world and its preservation. *Lepid. News* (Gainesville), 2001(1):3. [USA]

- 2001c. McGuire Center news. *Lepid. News* (Gainesville), 2001(2):13-15. [USA]

Gardiner, B. O. C.

2001. Little-known entomological literature - 6. *Ent. Rec. J. Var.* (Surrey), 113: 31-34. [England]

Hancock, E. G.

2001. Obituary. Edward Frank Hancock (1921-2001). *Ent. Rec. J. Var.* (Surrey), 113:171-174. [England]

Harley, B.

2001. Obituary. Lieutenant Colonel Arrthor Maitland Emmet, MBE, TD, MA, Hon. FRES, FLS, 15 July 1908 - 2 March 2001. *Ent. Rec. J. Var.* (Surrey), 113:73-78. [England]

Heppner, J. B. (ed.)

- 2001a. Lepidoptera catalogs in North America. *Lepid. News* (Gainesville), 2000(4):1, 4-9. (2000)

- 2001b. Lepidoptera notes in Philip Gosse's *Letters from Alabama*, 1838. *Lepid. News* (Gainesville), 2001(1):8-25. [USA]

- 2001c. Lepidoptera museum collections, 1920-30 by J. D. Under. 1. San Diego Natural History Museum. 2. Natural History Museum of Los Angeles County. 3. California Academy of Sciences. *Lepid. News* (Gainesville), 2001(3):11-18. [USA]

Huang, H.

2001. Report of H. Huang's 2000 expedition to SE. Tibet for Rhopalocera (Insecta, Lepidoptera). *Neue Ent. Nachr.* (Marktleuthen), 51:65-151.

Hyatt, J.

2001. Random samples: some notes on British collectors and collecting. *So. Lepid. News* (Gainesville), 23:22-24.

Johnson, K.

2001. Some comments on the sociology of lepidopterists. *Lepid. News* (Gainesville), 2001(3):7-9.

Koehn, L. C.

2001. 2001 John Abbot Award recipient — Leory C. Koehn. *So. Lepid. News* (Gainesville), 23:59-60. [USA]

Kovač, D., and W. A. Nässig

2001. Insektensammlung des Zoologischen Instituts der Universität Giessen an das Forschungsinstitut Senckenber gestiftet. *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:84. [Germany]

Kristensen, N. P.

- 2001a. Henning Anthon 4.10.1916-15.9.2000. *Ent. Medd.* (Copenhagen), 69:65-67. [Denmark] [in Danish]

- 2001b. Ebbe Schmidt Nielsen 7 June 1950 - 6 March 2001. *Nota Lepid.* (Karlsruhe), 24:3-9. [Denmark/Australia]

Lafontaine, C. D.

- 2001a. David Francis Hardwick (1924-2001). *News Lepid. Soc.* (Los Angeles), 43:77. [Canada]

- 2001b. Don Lafontaine. *News Lepid. Soc.* (Los Angeles), 43:102. [Canada]

Landry, B.

2001. Jacques Plante collection to the Muséum d'histoire naturelle, Geneva, Switzerland. *News Lepid. Soc.* (Los Angeles), 43:53.

Lazarov, S.

2001. In memory of Delcho Ilchev (1885-1925). *Hist. Nat. Bulg.* (Sofia), 13: 181-184. [Bulgaria] [in Bulgarian]

Lombardini, J. B.

2001. Biography — Dr. Roy W. Rings. *So. Lepid. News* (Gainesville), 23:37-38. [USA]

Matsuda, S.

2001. Memories of St. Petersburg. *Yadoriga* (Tokyo), 190:20-24. [Russia] [in Japanese]

Miller, J. Y.

2001. Karl Jordan Medal award 2000 to Tosio Kumata. *News Lepid. Soc.* (Los Angeles), 43:9. [Japan]

Nässig, W. A.

2001. Nachträge zur Bibliografie von Werner Thomas, 3.—Supplements to the bibliography of Werner Thomas, 3. *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:189. [Germany]

Narendran, T. C.

2001. Taxonomic entomology: research and education in India. *Curr. Sci.* (Bangalore), 81:445-447.

Naumann, C. M.

- 2001a. Johann Moritz David Herold (1815): 'Entwickelungsgeschichte der Schmetterling'. *Ent. Zeit.* (Stuttgart), 111:268-276. [Germany]

- 2001b. Maria Sibylla Merian (1647-1717) — ein Leben in Wandel und Beständigkeit. *Ent. Zeit.* (Stuttgart), 111:365-375. [Netherlands]

Nicholls, D. C., E. M. Urquhart, J. B. Ward, and P. M. Jones

2001. A list of insect primary types held in Canterbury Museum, Christchurch, New Zealand. *Rec. Canterbury Mus.*, 12:1-43. (1998)

Ortner, S., and N. Pöll

- [2001]. In memoriam Fritz Laube (26.5.1942-10.8.2000). *Mitt. Ent. Arbeitsgem. Salzkammergut* (Bad Ischl), 3:i-ii. (2000). [Austria]

Petr, D.

2001. The 2001 annual meeting of the Association for Tropical Lepidoptera. *News Lepid. Soc.* (Los Angeles), 43:55-56. [USA]

Pröse, H.

2001. Zum Gedenken an einen unvergessenen Münchner Lepidopterologen. In memoria Alfons Speckmeier (1921-1995). *Nachbl. Bayer. Ent.* (Munich), 50:66-67. [Germany]

Ratcliff, B.

2001. Bryant Mather moth collection donated to the Mississippi Entomological Museum at Mississippi State. *So. Lepid. News*, 23:13-14. [USA]

Robertson, M.

2001. Ebbe Nielsen 1950-2001. *Antenna* (London), 25:152-154. [Australia, Denmark]

Ruckdeschel, W.

2001. Die Frühgeschichte der Münchner Entomofaunistik. *Nachbl. Bayer. Ent.* (Munich), 50:102-105. [Germany]

Salazar-E., J. A.

2001. Semblanzas lepidopterológicas con E. W. Schmidt-Mumm y su colección de Mariposas. *Bol. Cient. Mus. Hist. Nat.* (Manizales), 5:26-32. [Colombia]
- Salmon, M. A.**
2001. *The Aurelian Legacy: British Butterflies and their Collectors*. Berkeley: Univ. Calif. Pr. 432pp.
- Silfverberg, H.**
2001. Walter Hackman (1916-2001). *Ent. Fenn.* (Helsinki), 12:182-192. [Finland]
- Stănescu, M.**
[2001]. In memoriam. Dr. Ion Drăghia (24 September 1929-27 January 1999). *Trav. Mus. Natl. Hist. Nat. G. Antipa* (Bucharest), 41:655-660. (1999) [Romania] [in Romanian]
- Stanford, R. E., and F. A. H. Sperling**
2001. Sor Cyril A. Clarke, MD, PhD, FRS. *News Lepid. Soc.* (Los Angeles), 43:12-15. [England]
- Sugi, S.**
2001. Lepidopterological papers written by the late Dr Masao Okano (1923-1999), excluding those on butterflies. *Japan Heteroc. J.* (Tokyo), 215:283-284. [Japan] [in Japanese]
- Vick, G. S.**
2001. In memory of Elliot Charles Gordon Pinhey (10 July 1910 - 7 May 1999). *Odonatologica* (Bilthoven), 30:1-11. [England]
- Vives-M., A.**
[2001a]. In Memoriam. Profesor Doctor Julián Navarro Jumalon (1909-2000). *SHILAP Revta. Lepid.* (Madrid), 28:349-351. (2000) [Philippines]
- 2001b. In Memoriam. Profesor Doctor Ernesto Wolfgang Schmidt Mumm (1922-2000). *SHILAP Revta. Lepid.* (Madrid), 29:5-6. [Colombia]
- Voisin, J.-F.**
2001. The entomology collections of the Muséum national d'Histoire naturelle, Paris (France). *Faun. Norv.* (Oslo), 48:31-34.
- Yasutaka, M.**
2001. Harvard University MCZ and Doctor Carpenter. *Yadoriga* (Tokyo), 189:23-24. [USA] [in Japanese]
- Young, D.**
2001. Brian Robert Baker. *Br. J. Ent. Nat. Hist.* (London), 13:255-256. [England]

MORPHOLOGY and PHYSIOLOGY

- Abou-Zaid, M. M., B. V. Nelson, C. Nozzolillo, and J. T. Arnason**
2001. Ethyl m-digallate from red maple, *Acer rubrum* L., as the major resistance factor to forest tent caterpillar, *Malacosoma disstria* Hbn. *J. Chem. Ecol.* (New York), 27:2517-2527. [Lasiocampidae] [Canada]
- Anderson, J. A., D. G. McCullough, B. E. Potter, C. N. Koller, L. S. Bauer, D. P. Lusch, and C. W. Ramm**
2001. Effects of winter temperatures on gypsy moth egg masses in the Great Lakes region of the United States. *Agr. For. Meteorol.* (Amsterdam), 110: 85-100.
- Ando, T.**
2001. Recent studies on insect pheromones and future works. *J. Pesticide Sci.* (Tokyo), 26:300-304. [Japan] [in Japanese]
- Anwar, A., and M. Saleemuddin**
2001. Regulation of digestive proteolytic activity in the larvae of *Spilosoma obliqua* (Lep., Arctiidae). *J. Appl. Ent.* (Hamburg), 125:577-582. [USA]
- Argolo, V. M., V. H. P. Bueno, and S. M. M. Rodrigues**
2001. Influência de diferentes fotoperíodos na capacidade predatória de *Orius insidiosus* (Say) (Heteroptera, Anthocoridae) em ovos de *Anagasta kuehniella* (Zeller) (Lepidoptera, Pyralidae). *Revta. Bras. Ent.* (Curitiba), 45:283-286. [Brazil]
- Arikawa, K., and N. Takagi**
2001. Genital photoreceptors have crucial role in oviposition in Japanese yellow swallowtail butterfly, *Papilio xuthus*. *Zool. Sci.* (Tokyo), 18:175-179. [Japan]
- Asaro, C., M. J. Dalusky, and C. W. Berisford**
2001. Quantity and ratio of pheromone components among multiple generations of the Nantucket pine tip moth (Lepidoptera: Tortricidae) in Georgia and Virginia. *Environ. Ent.* (London), 30:1006-1011. [USA]
- Backman, A.-C., M. Bengtsson, A.-K. Borg-Karlsson, I. Liblikas, and P. Witzgall**
2001. Volatiles from apple (*Malus domestica*) eliciting antennal resinses in female codling moth *Cydia pomonella* (L.) (Lepidoptera: Tortricidae): effect of plant injury and smpling technique. *Zeit. Naturfor. (C) Biosci.* (Tübingen), 56:262-268. [Sweden]
- Barros-Bellanda, H. C. H., and F. S. Zucoloto**
2001. Influence of chorion ingestion on the performance of *Ascia monuste* and its association with cannibalism. *Ecol. Ent.* (London), 26:557-561. [Brazil]
- Baskauf, S. J., and D. E. McCauley**
2001. Evaluation of low temperature mortality as a range-limiting factor for the southwestern corn borer (Lepidoptera: Crambidae). *Environ. Ent.* (London), 30:181-188. [Pyralidae; USA]
- Bauce, E., and E. Han**
2001. Desiccation resistance in pre-diapause, diapause and post-diapause larvae of *Choristoneura fumiferana* (Lepidoptera: Tortricidae). *Bull. Ent. Res.* (London), 91:321-326. [Canada]
- Bebas, P., B. Cymborowski, and J. M. Giebultowicz**
2001. Circadian rhythm of sperm release in males of the cotton leafworm, *Spodoptera littoralis*: in vivo and in vitro studies. *J. Ins. Physiol.* (Oxford), 47:859-866. [Europe]
- Bendib, A.**
2001. Dorsal sex pheromone glands in female Geometridae (Lepidoptera: Geometridae): a new apomorphy of the family. *Eur. J. Ent.* (České Budějovice), 98:195-199.
- Berwaerts, K., H. Van Dyck, E. Vints, and E. Matthysen**
2001. Effect of manipulated wing characteristics and basking posture on thermal properties of the butterfly *Pararge aegeria* (L.). *J. Zool.* (London), 255:261-267. [Belgium]
- Blommers, L. H. M., H. H. M. Helsen, and F. W. N. M. Vaal**
2001. Embryonic development of orchard leafrollers and the forecasting of egg hatch. *Ent. Exp. Appl.* (Amsterdam), 99:313-317. [Netherlands]
- Bouvier, J.-C., R. Bues, T. Boivin, L. Boudinon, D. Beslay, and B. Sauphanor**
2001. Deltamethrin resistance in the codling moth (Lepidoptera: Tortricidae): inheritance and number of genes involved. *Hered.* (Oxford), 87:456-462. [France]
- Brown, T. M., S.-Y. Cho, C. L. Evans, S. Park, S. S. Pimpale, and P. K. Bryson**
2001. A single gene (yes) controls pigmentation of eyes and scales in *Heliothis virescens*. *J. Ins. Sci.* (Tucson), 1:1-21. [Noctuidae] [USA]
- Bruce, T. J., and A. Cork**
2001. Electrophysiological and behavioral responses of female *Helicoverpa armigera* to compounds identified in flowers of African marigold, *Tagetes erecta*. *J. Chem. Ecol.* (New York), 27:1119-1131. [England]
- Brunetti, C. R., J. E. Selegue, A. Monteiro, V. French, P. M. Brakefield, and S. B. Carroll**
2001. The generation and diversification of butterfly eyespot color patterns. *Curr. Biol.* (London), 11:1578-1585. [Nymphalidae] [Africa]
- Burguiere, L., F. Marion-Poll, and A. Cork**
2001. Electrophysiological responses of female *Helicoverpa armigera* (Hübner) (Lepidoptera; Noctuidae) to synthetic host odours. *J. Ins. Physiol.* (Oxford), 47:509-514. [England]
- Caballero, C., P. Castanera, F. Ortego, G. Fontana, P. Pierre, G. Savona, and B. Rodriguez**
2001. Effects of ajugarins and related neoclerodane diterpenoids on feeding behaviour of *Leptinotarsa decemlineata* and *Spodoptera exigua* larvae. *Phytochem.* (Oxford), 58:249-256. [Noctuidae] [Spain]
- Cabrera, A., A. E. Eiras, G. Gries, R. Gries, N. Urdaneta, B. Miras, C. Badji, and K. Jaffe**
2001. Sex pheromone of tomato fruit borer, *Neoleucinodes elegantalis*. *J. Chem. Ecol.* (New York), 27:2097-2107. [Pyralidae] [Venezuela]
- Carpenter, J. E., S. Bloem, and K. A. Bleom**
2001. Inherited sterility in *Cactoblastis cactorum* (Lepidoptera: Pyralidae). *Fla. Ent.* (Gainesville), 84:537-542. [USA]
- Carriere, Y., C. Ellers-Kirk, Y.-B. Liu, M. A. Sims, A. L. Patin, T. J. Dennehy, and B. E. Tabashnik**
2001. Fitness costs and maternal effects associated with resistance to transgenic cotton in the pink bollworm (Lepidoptera: Gelechiidae). *J. Econ. Ent.* (London), 94:1571-1576. [USA]
- Carriere, Y., C. Ellers-Kirk, A. L. Patin, M. A. Sims, S. Meyer, Y.-B. Liu, T. J. Dennehy, and B. E. Tabashnik**
2001. Overwintering cost associated with resistance to transgenic cotton in the pink bollworm (Lepidoptera: Gelechiidae). *J. Econ. Ent.* (London), 94: 935-941. [USA]
- Casimero, V., F. Nakasuji, and K. Fujisaki**
2001. The influences of larval and adult food quality on the calling rate and pre-calling period of females of the cotton bollworm, *Helicoverpa armigera* Hübner (Lepidoptera: Noctuidae). *Appl. Ent. Zool.* (Tokyo), 36:33-40. [Japan]
- Cassel, A., J. Windig, S. Nylin, and C. Wiklund**

2001. Effects of population size and food stress on fitness-related characters in the scarce heath, a rare butterfly in western Europe. *Conserv. Biol.* (Cambridge), 15:1667-1673. [Nymphalidae] [Sweden]
- Cespedes, C. L., M. Martinez-V., J. S. Calderon, J. R. Salazar, and E. Aranda**
2001. Insect growth regulatory activity of some extracts and compounds from *Parthenium argentatum* on fall armyworm *Spodoptera frugiperda*. *Zeit. Naturforsch. (C) Biosci.* (Tübingen), 56:89-94. [Noctuidae; Mexico]
- Chaufaux, J., M. Seguin, J. J. Swanson, D. Bourquet, and B. D. Siegfried**
2001. Chronic exposure of the European corn borer (Lepidoptera: Crambidae) to Cry1ab *Bacillus thuringiensis* toxin. *J. Econ. Ent.* (Lanham), 94:1564-1570. [USA]
- Chen, S.-W.**
2001. Correlation of catalase and peroxidase with pesticide tolerance in massonpine caterpillar. *Acta Ent. Sinica* (Beijing), 44:9-14. [China] [in Chinese]
- Cork, A., S. N. Alam, A. Das, C. S. Das, G. C. Ghosh, D. I. Farman, D. R. Hall, N. R. Maslen, K. Vedham, S. J. Phythian, F. M. A. Rouf, and K. Srivivasan**
2001. Female sex pheromone of brinjal fruit and shoot borer, *Leucinodes orbonalis* blend optimization. *J. Chem. Ecol.* (New York), 27:1867-1877. [Pyralidae] [Sri Lanka]
- Daly, K. C., S. Chandra, M. L. Durtschi, and B. H. Smith**
2001. The generalization of an olfactory-based conditioned response reveals unique but overlapping odour representations in the moth *Manduca sexta*. *J. Exp. Biol.* (Cambridge), 204:3085-3095. [Sphingidae; USA]
- Daly, K. C., M. L. Durtschi, and B. H. Smith**
2001. Olfactory-based discrimination learning in the moth, *Manduca sexta*. *J. Ins. Physiol.* (Oxford), 47:375-384. [Sphingidae; USA]
- D'Amico, L. J., G. Davidowitz, and H. F. Nijhout**
2001. The development and physiological basis of body size evolution in an insect. *Proc. Roy. Soc. (B) Biol. Sci.* (London), 268:1589-1593. [Sphingidae] [USA]
- Das, S. B., and N. P. Katyar**
2001. Effect of moon light and lunar periodicity on the pheromone trap catches of tobacco caterpillar (*Spodoptera litura* Fab.) moths. *Crop Res.* (Hisar), 21:229-236. [India]
- Deml, R.**
2001a. Influence of food and larval age on the defensive chemistry of *Saturnia pyri*. *Zeit. Naturf. (C) Biosci.* (Tübingen), 56:89-94. [Saturniidae; Germany]
2001b. Secondary compounds in caterpillars of four moth families (Noctuoidea, Bombycoidea) are partly identical. *Nota Lepid.* (Karlsruhe), 24:65-76.
- Deml, R., and K. Dettner**
2001. Comparative morphology and evolution of the funnel warts of larval Lymantriidae (Lepidoptera). *Arth. Struct. Develop.* (Oxford), 30:15-26. [Germany]
- Deml, R., and M. E. Epstein**
2001. Hydroquinone and other secondary compounds in hairs of fire caterpillars (Lepidoptera: Zygaenoidea: Megalopygidae). *Ent. Gener.* (Stuttgart), 25:131-134. [Venezuela]
- Duarte, M., M. M. Casagrande, and O. H. H. Mielke**
2001. Adult exoskeletal morphology of *Hemimargus hanno* (Stoll) (Lepidoptera, Lycaenidae, Polyommatainae, Polyommatinii). I. Head morphology. *Revta. Bras. Zool.* (Curitiba), 18:225-238. [Brazil]
- Dyer, L.**
2001. In defense of caterpillars. *Nat. Hist.* (New York), 110(10):42-47.
- El-Sayed, A. M., H. M. Fraser, and R. M. Trimble**
2001a. Chemical identification and behavioral activity of (Z)-11-tetradecenal in an eastern North American population of the obliquebanded leafroller. *Can. Ent.* (Ottawa), 133:365-374. [Canada]
2001b. Modification of the sex-pheromone communication system associated with organophosphorus-insecticide resistance in the obliquebanded leafroller (Lepidoptera: Tortricidae). *Can. Ent.* (Ottawa), 133:867-881. [Canada]
- Emelianov, I., M. Dres, W. Baltensweiler, and J. Mallet**
2001. Host-induced assortative mating in host races of the larch budmoth. *Evol.* (Lawrence), 55:2002-2010. [England]
- Fänger, H., and C. M. Naumann**
2001. The morphology of the last instar larva of *Aglaope infausta* (Lepidoptera: Zygaenidae: Chalcosiinae). *Eur. J. Ent.* (České Budějovice), 98:201-218. [Germany]
- Ferrara, F. A. A., E. F. Vilela, G. N. Jham, A. E. Eiras, M. C. Picanco, A. B. Attygalle, A. Svatos, R. T. S. Frighetto, and J. Meinwald**
2001. Evaluation of the synthetic major component of the sex pheromone of *Tuta absoluta* (Meyrick) (Lepidoptera: Gelechiidae). *J. Chem. Ecol.* (New York), 27:907-917. [Brazil]
- Fischer, K., and K. Fiedler**
2001. Egg weight variation in the butterfly *Lycaena hippothoe*: more small or fewer large eggs? *Pop. Ecol.* (Tokyo), 43:105-109. [Europe]
- Fordyce, J. A., and A. A. Agrawal**
2001. The role of plant trichomes and caterpillar group size on growth and defence of the pipevine swallowtail *Battus philenor*. *J. Anim. Ecol.* (Oxford), 70:997-1005. [Papilionidae] [USA]
- Frelichowski, J. E., Jr., and J. A. Juvik**
2001. Sesquiterpene carboxylic acids from a wild tomato species affect larval feeding behavior and survival of *Helicoverpa zea* and *Spodoptera exigua* (Lepidoptera: Noctuidae). *J. Econ. Ent.* (Lanham), 94:1249-1259. [USA]
- Frye, M. A.**
2001a. Effects of stretch receptor ablation on the optomotor control of lift in the hawkmoth *Manduca sexta*. *J. Exp. Biol.* (Cambridge), 204:3683-3691. [Sphingidae] [USA]
2001b. Encoding properties of the wing hinge stretch receptor in the hawkmoth *Manduca sexta*. *J. Exp. Biol.* (Cambridge), 204:3693-3702. [Sphingidae] [USA]
- Fullard, J. H., and N. Napoleone**
2001. Diel flight periodicity and the evolution of auditory defences in the Macrolepidoptera. *Anim. Behav.* (London), 62:349-368. [Nearctic]
- Gadenne, C., M.-C. Dufour, and S. Anton**
2001. Transient post-mating inhibition of behavioural and central nervous responses to sex pheromone in an insect. *Proc. Roy. Soc. (B) Biol. Sci.* (London), 268:1631-1635. [Noctuidae] [France]
- Gahan, L. J., F. Gould, and D. G. Heckel**
2001. Identification of a gene associated with Bt resistance in *Heliothis virescens*. *Sci.* (Washington), 293:5531. [Australia]
- Gelbić, I., and V. Nemeć**
2001. Developmental changes caused by metyrapone and azadirachtin in *Spodoptera littoralis* (Boisd.) (Lep., Noctuidae) and *Galleria mellonella* (L.) (Lep., Pyralidae). *J. Appl. Ent.* (Hamburg), 125:417-422. [Czech Rep.]
- Gemeno, C., and K. F. Haynes**
2001. Impact of photoperiod on the sexual behavior of the black cutworm moth (Lepidoptera: Noctuidae). *Environ. Ent.* (Lanham), 30:189-195. [USA]
- Glendinning, J. I., H. Brown, M. Kapoor, A. Davis, A. Gbedemah, and E. Long**
2001. A peripheral mechanism for behavioral adaptation to specific "bitter" taste stimuli in an insect. *J. Neurosci.* (Cary), 21:3688-3696. (1999) [Sphingidae; USA]
- Godlewski, J., B. Kludkiewicz, K. Grzelak, and B. Cymborowski**
2001. Expression of larval hemolymph proteins (Lhp) genes and protein synthesis in the fat body of greater wax moth (*Galleria mellonella*) larvae during diapause. *J. Ins. Physiol.* (Oxford), 47:759-766. [Pyralidae] [Poland]
- Gonzalez-C., J., S. Herrero, A. H. Sayyed, B. Escricle, Y. B. Liu, S. K. Meyer, D. J. Wright, B. E. Tabashnik, and J. Ferre**
2001. Variation in susceptibility to *Bacillus thuringiensis* toxins among unselected strains of *Plutella xylostella*. *Appl. Environ. Microbiol.* (Washington), 67:4610-4613. [Plutellidae] [Spain]
- Goto, M., Y.-P. Li, and T. Honma**
2001. Changes of diapause and cold hardiness in the Shonai ecotype larvae of the rice stem borer, *Chilo suppressalis* Walker (Lepidoptera: Pyralidae) during overwintering. *Appl. Ent. Zool.* (Tokyo), 36:323-328. [Japan]
- Goto, M., Y.-P. Li, S. Kayaba, S. Outani, and K. Suzuki**
2001. Cold hardiness in summer and winter diapause and post-diapause pupae of the cabbage armyworm, *Mamestra brassicae* L. under temperature acclimation. *J. Ins. Physiol.* (Oxford), 47:709-714. [Noctuidae] [Japan]
- Goto, M., Y. Sekine, H. Outa, M. Hujikura, and K. Suzuki**
2001. Relationships between cold hardiness and diapause, and between glycerol and free amino acid contents in overwintering larvae of the Oriental corn borer, *Ostrinia furnacalis*. *J. Ins. Physiol.* (Oxford), 47:157-165. [Pyralidae; Japan]
- Grafton-Cardwell, E. E., G. H. Montez, and J. E. McClain**
2001. Lower developmental threshold and degree-day prediction of larval emergence of citrus cutworm, *Eriga curialis* (Grote) (Lepidoptera: Noctuidae). *J. Agric. Urban Ent.* (Clemson), 18:73-85. [USA]
- Gray, D. R., F. W. Ravlin, and J. A. Braine**
2001. Diapause in the gypsy moth: a model of inhibition and development. *J. Ins. Physiol.* (Oxford), 47:173-184. [Lymantriidae; Canada]
- Green, E. S., a. R. Zangerl, and M. R. Berenbaum**
2001. Effects of phytic acid and xanthotoxin on growth and detoxification in

- caterpillars. *J. Chem. Ecol.* (New York), 27:1763-1773. [Noctuidae, Oecophoridae] [USA]
- Greyling, M., F. H. van der Bank, J. P. Grobler, and D. C. J. Wessels**
2001. Allozyme variation in two populations of the mopane worm, *Imbrasia belina* (Saturniidae), and the effect of developmental stage and staggered generations. *S. Afr. J. Anim. Sci.* (Pretoria), 31:15-24. [South Africa]
- Gu, H., A. Cao, and G. H. Walter**
2001. Host selection and utilisation of *Sonchus oleraceus* (Asteraceae) by *Helicoverpa armigera* (Lepidoptera: Noctuidae): a genetic analysis. *Ann. Appl. Biol.* (Wellesbourne), 138:293-299. [Switzerland]
- Han, K.-S., J.-K. Jung, K.-H. Choi, S.-W. Lee, and K.-S. Boo**
2001. Sex pheromone composition and male trapping of the Oriental fruit moth, *Grapholita molesta* (Lepidoptera: Tortricidae) in Korea. *J. Asia-Pac. Ent.* (Seoul), 4:31-35.
- Hattori, M., S. Wakamura, K. Igita, K. Yasuda, and Tridjaka**
2001. Comparison of the characteristics and sex pheromone of *Etiella behrii* (Zeller), a newly identified pod borer of soybean in Indonesia, with *E. zinckenella* (Treit.). *Japan Agr. Res. Qtr.* (Tsukuba), 35:19-24.
- Hellmich, R. L., B. D. Siegfried, M. K. Sears, D. E. Stanley-Horn, M. J. Daniels, H. R. Matilla, T. Spencer, K. G. Bidne, and L. C. Lewis**
2001. Monarch larvae sensitivity to *Bacillus thuringiensis*-purified proteins and pollen. *Proc. Natl. Acad. Sci.* (Washington), 98:11925-11930. [USA]
- Herman, W. S., and M. Tatar**
2001. Juvenile hormone regulation of longevity in the migratory monarch butterfly. *Proc. Roy. Soc. (B) Biol. Sci.* (London), 268:2509-2514. [Nymphalidae] [USA]
- Hirota, T., and Y. Kato**
2001. Influence of visual stimuli on host location in the butterfly, *Eurema hecabe*. *Ent. Exp. Appl.* (Amsterdam), 101:199-206. [Pieridae] [Japan]
- Hsu, R., A. D. Briscoe, B. S. W. Chang, and N. E. Pierce**
2001. Molecular evolution of a long wavelength-sensitive opsin in mimetic *Heliconius* butterflies (Lepidoptera: Nymphalidae). *Biol. J. Linn. Soc.* (London), 72:435-449. [Neotropical]
- Huh, Y.-H., D.-S. Lim, K.-H. Chung, S.-B. Kwon, M.-J. Jeong, S.-E. Jeong, and C.-M. Yoo**
2001. Testicular development and sperm migration in the Oriental tobacco budworm, *Helicoverpa assulta* (Lepidoptera, Noctuidae). *Korean J. Ent.* (Seoul), 31:115-126. [South Korea]
- Hung, C.-C., R.-F. Hou, and J.-S. Hwang**
2001. Assessment of the effects of using sex pheromone for control of the carambola fruit borer, *Eucosma notanthes* Meyrick. *Plant Prot. Bull.* (Taichung), 43(2):57-68. [Tortricidae] [Taiwan] [in Chinese]
- Ito, T., A. Yamanaka, H. Tanaka, M. Watanabe, and K. Endo**
2001. Evidence for the presence of the summer-morph-producing hormone in the swallowtail butterfly, *Papilio xuthus* L. (Lepidoptera: Papilionidae). *Zool. Sci. (Tokyo)*, 18:1117-1122. [Japan]
- Ivaashov, A. V., A. P. Simchuk, and D. A. Medvedkov**
2001. Possible role of inhibitors of trypsin-like protease in the resistance of oaks to damage by oak leafroller *Tortrix viridana* L. and gypsy moth *Lymantria dispar* L. *Ecol. Ent.* (London), 26:664-668. [Ukraine]
- Iyengar, V. K., C. Rossini, and T. Eisner**
2001. Precopulatory assessment of male quality in an arctiid moth (*Utetheisa ornatrix*): hydroxydanaidal is the only criterion of choice. *Behav. Ecol. Sociobiol.* (Berlin), 49:283-288. [Arctiidae; USA]
- Jallow, M. F. A., and M. Matsumura**
2001. Influence of temperature on the rate of development of *Helicoverpa armigera* (Hübner) (Lepidoptera: Noctuidae). *Appl. Ent. Zool.* (Tokyo), 36:427-430. [Japan]
- Jeong, S.-E., Y. Lee, J.-H. Hwang, and D. C. Knipple**
2001. Effects of the sap of the common oleander *Nerium indicum* (Apocynaceae) on male fertility and spermatogenesis in the Oriental tobacco budworm *Helicoverpa assulta* (Lepidoptera, Noctuidae). *J. Exp. Biol.* (Cambridge), 204:3935-3942. [South Korea]
- Jia, D.-Y., M. D. Greenfield, and R. D. Collins**
2001. Ultrasonic signal competition between male wax moths. *J. Ins. Behav.* (New York), 14:19-33. [Pyralidae; USA]
- Jiggins, C. D., M. Linares, R. E. Naisbit, C. Salazar, Z. H. Yang, and J. Mallet**
2001. Sex-linked hybrid sterility in a butterfly. *Evol.* (Lawrence), 55:1631-1638. [Nymphalidae] [Panama]
- Jiggins, F. M., G. D. D. Hurst, J. Hinrich, G. V. D. Schulenburg, and M. E. N. Majerus**
2001. Two male-killing *Wolbachia* strains coexist within a population of the butterfly *Acraea encedon*. *Hered.* (Oxford), 86:161-166. [Uganda]
- Jin, Z.-Y., and H. Gong**
2001. Male accessory gland derived factors can stimulate oogenesis and enhance oviposition in *Helicoverpa armigera* (Lepidoptera: Noctuidae). *Arch. Ins. Biochem. Physiol.* (New York), 46:175-185. [China]
- Jo, H.-M., and Y.-G. Kim**
2001. Relationship between cold hardiness and diapause in the smaller fruit tortrix, *Adoxophyes orana* (Fischer von Roslerstamm). *J. Asia-Pac. Ent.* (Seoul), 4:1-9. [South Korea]
- Johnson, K. S., and G. W. Felton**
2001. Plant phenolics as dietary antioxidants for herbivorous insects: a test with genetically modified tobacco. *J. Chem. Ecol.* (New York), 27:2579-2597. [Noctuidae] [USA]
- Josephrajkumar, A., B. Subrahmanyam, and C. Devakumar**
2001. Growth-regulatory activity of silver fern extract on the cotton bollworm, *Helicoverpa armigera* (Hübner). *Ins. Sci. Appl.* (Nairobi), 20:295-302. (2000) [India]
- Kanga, L. H. B., D. J. Pree, F. W. Plapp, Jr., and J. L. van Lier**
2001. Sex-linked altered acetylcholinesterase resistance to carbamate insecticides in adults of the Oriental fruit moth, *Grapholita molesta* (Lepidoptera: Tortricidae). *Pesticide Biochem. Physiol.* (Duluth), 71:29-39. [USA]
- Karalius, V., R. Mozuraitis, J. Miatleuski, V. Buda, and P. Ivinskis**
2001. Sex attractants for six clearwing and tineid species (Lepidoptera, Sesiidae and Tineidae) from Kazakhstan and Lithuania. *Zeit. Naturfor. (C) Biosci.* (Tübingen), 56:1120-1125.
- Kassarov, L.**
2001. Do cyanogenic glycosides and pyrrolizidine alkaloids provide some butterflies with a chemical defense against their bird predators? A different point of view. *Behav.* (Leiden), 138:45-67. [Nymphalidae]
- Kato, Y., and H. Yamada**
2001. Effect of light irradiation on blue-green coloration of larval integument and adult wing in the butterfly *Graphium sarpedon* (Lepidoptera, Papilionidae). *Trans. Lepid. Soc. Japan* (Tokyo), 52:279-287. [Japan]
- Kawamura, N., N. Yamashiki, H. Saitoh, and K. Sahara**
2001. Significance of peristaltic squeezing of sperm bundles in the silkworm, *Bombyx mori*: elimination of irregular euphyrene sperm nuclei of the triploid. *Zygote* (Cambridge), 9:159-166. [Japan]
- Kawazu, K., O. Setokuchi, K. Kohno, K. Takahashi, Y. Yoshiyasu, and S. Tatsuki**
2001. Sex pheromone of the rice leafroller moth, *Cnaphalocrocis medinalis* (Lepidoptera: Crambidae): synthetic Indian and Philippine blends are not attractive to male *C. medinalis*, but are attractive to *C. pilosa* in the south-western islands of Japan. *Appl. Ent. Zool.* (Tokyo), 36:471-474.
- Keil, S., H. Gu, and S. Dorn**
2001a. Response of *Cydia pomonella* to selection on mobility: laboratory evaluation and field verification. *Ecol. Ent.* (London), 26:495-501. [Switzerland]
2001b. Diel patterns of locomotor activity in *Cydia pomonella*: age and sex related differences and effects of insect hormone mimics. *Physiol. Ent.* (London), 26:306-314. [Switzerland]
- Kelber, A., C. Thunell, and K. Arikawa**
2001. Polarisation-dependent colour vision in *Papilio* butterflies. *J. Exp. Biol.* (Cambridge), 204:2469-2480. [Papilionidae] [Sweden]
- Klymenko, V. V.**
2001. Parthenogenesis and cloning in the silkworm *Bombyx mori* L.: problems and prospects. *J. Ins. Biotech. Sericol.* (Ibaraki), 70:155-165. [Bombycidae] [Ukraine]
- Koch, P. B., U. Lorenz, P. M. Brakefield, and R. H. French-Constant**
2001. Butterfly wing pattern mutants: developmental heterochrony and coordinately regulated phenotypes. *Devel. Genes Evol.* (Berlin), 210:536-544. (2000) [Germany]
- Koudelova, J., and P. A. Cook**
2001. Effect of gamma radiation and sex-linked recessive lethal mutations on sperm transfer in *Ephestia kuhniella* (Lepidoptera: Pyralidae). *Fla. Ent.* (Gainesville), 84:172-182. [Czech Rep.]
- Kowcun, A., N. Honson, and E. Plettner**
2001. Olfaction in the gypsy moth, *Lymantria dispar*. Effect of pH, ionic strength, and reductants on pheromone transport by pheromone-binding proteins. *J. Biol. Chem.* (Baltimore), 276:44770-44776. [Lymantriidae] [Canada]
- Koyama, K., M. Watanabe, T. Komatsu, T. Sugimura, and K. Wakabayashi**
2001. The presence of cytotoxic proteins in females of subfamily Arctiinae moths. *Proc. Japan. Acad. (B) Phys. Biol. Sci.* (Tokyo), 77:184-186. [Japan] [in Japanese]
- Krenn, H. W., K. P. Zulka, and T. Gatschnigg**
2001. Proboscis morphology and food preferences in nymphalid butterflies

- (Lepidoptera: Nymphalidae). *J. Zool.* (London), 254:171-26.
- Kumazawa, K., and H. Tabata**
2001. A three-dimensional fluorescence analysis of the wings of male *Morpha sulkowskyi* and *Papilio xuthus* butterflies. *Zool. Sci.* (Tokyo), 18:1073-1079. [Papilionidae] [Japan]
- LaMunyon, C. W.**
2001. Determinants of sperm precedence in a noctuid moth *Heliothis virescens*: a role for male age. *Ecol. Ent.* (London), 26:388-394. [USA]
- LaMunyon, C. W., and T. S. Huffman**
2001. Determinants of sperm transfer by males of the noctuid moth *Heliothis virescens*. *J. Ins. Behav.* (New York), 14:187-199. [USA]
- Lazarov, J., O. Tsenov, and J. Nacheva**
- [2001]. Study on inheritance of voltine gene in hybrids between monobivoltine and polivoltine tropical silkworm races (*Bombyx mori*L.). *Zhivot. Nauk.* (Sofia), 37(5-6):60-63. (2000) [in Bulgarian] [Bulgaria]
- Leal, W. S., J. M. S. Bento, Y. Murata, M. Ono, J. R. P. Parra, and E. F. Vilela**
2001. Identification, synthesis, and field evaluation of the sex pheromone of the citrus fruit borer *Ecdytolopha aurantiana*. *J. Chem. Ecol.* (New York), 27: 2041-2051. [Tortricidae] [USA]
- Lei, H., S. Anton, and B. S. Hansson**
2001. Olfactory protocerebral pathways processing sex pheromone and plant odor information in the male moth *Agrotis segetum*. *J. Comp. Neurol.* (New York), 432:356-370. [Noctuidae; Sweden]
- Li, G.-Y., P. Zhou, Z.-Z. Shao, X. Xie, X. Chen, H.-H. Wang, L.-J. Chunyu, and T.-Y. Yu**
2001. The natural silk spinning process: a nucleation-dependent aggregation mechanism? *Eur. J. Biochem.* (Berlin), 268:6600-6606. [Bombycidae] [China]
- Li, Y.-P., M. Goto, S. Ito, Y. Sato, K. Sasaki, and N. Goto**
2001. Physiology of diapause and cold hardiness in the overwintering pupae of the fall webworm *Hyphantria cunea* (Lepidoptera: Arctiidae) in Japan. *J. Ins. Physiol.* (Oxford), 47:1181-1187.
- Liu, Y.-B., B. E. Tabashnik, T. J. Dennehy, A. L. Patin, M. A. Sims, S. K. Meyer, and Y. Carriere**
2001. Effects of Bt cotton and Cry1Ac toxin on survival and development of pink bollworm (Lepidoptera: Gelechiidae). *J. Econ. Ent.* (Lanham), 94:1237-1242. [USA]
- Lobinger, G., and U. Skatulla**
2001. Studies on surviving and developing of *Lymantria dispar* L. larvae (Lep.: Lymantriidae) in dependence on food plants. *Anz. Schädlingsk.* (Berlin), 74(4):89-93. [Germany] [in German]
- Maini, S., and G. Accinelli**
- [2001]. Mating disruption-confusion method and sexual distraction: comparison among different dispenser types for *Cydia molesta* (Busck) (Lepidoptera Torticidae). *Boll. Ist. Ent. Univ. Stud. Bologna*, 54:113-122. (2000) [Italy] [in Italian]
- Mak, P., D. Chmiel, and G. J. Gacek**
2001. Antibacterial peptides of the moth *Galleria mellonella*. *Acta Biochim. Polon.* (Warsaw), 48:1191-1195. [Pyralidae] [Poland]
- Miani, S., R. Ferrari, M. Pozzati, and F. Rama**
- [2001]. *Zeuzera pyrina* (L.) and *Cossus cossus* (L.) comparison between sex pheromone traps to simultaneous male catches. *Boll. Ist. Ent. Univ. Stud. Bologna*, 54:165-173. (2000) [Italy] [in Italian]
- Mancini, K., and H. Dolder**
2001. Ultrastructure of apyrene and eupyrene spermatozoa from the seminal vesicle of *Euptoieta hegesia* (Lepidoptera: Nymphalidae). *Tissue Cell* (Harlow), 33:301-308. [Brazil]
- Mazer, C. L., and A. G. Appel**
2001. Water loss and desiccation tolerances of longwing butterflies (Lepidoptera: Nymphalidae). *Environ. Ent.* (Lanham), 30:631-636. [USA]
- McElfresh, J. S., and J. G. Millar**
2001. Geographic variation in the pheromone system of the saturniid moth *Hemileuca eglanterina*. *Ecol.* (Washington), 82:3505-3518. [USA]
- McElfresh, J. S., A. M. Hammond, and J. G. Millar**
2001. Sex pheromone components of the buck moth *Hemileuca maia*. *J. Chem. Ecol.* (New York), 27:1409-1422. [USA]
- Mitchell, E. R., and M. S. Mayer**
2001. *Spodoptera exigua*: mating disruption, measurement of airborne concentration of pheromone, and use of specialist receptor cell responses for comparison to female pheromone emission. *J. Environ. Sci. Health. (B) Pest. Food Contam. Agric. Wastes* (New York), B36:467-488. [USA]
- Mizoguchi, A.**
2001. Effects of juvenile hormone on the secretion of prothoracicotropic hormone in the last- and penultimate-instar larvae of the silkworm *Bombyx mori*. *J. Ins. Physiol.* (Oxford), 47:767-775. [Bombycidae] [Japan]
- Monteiro, A., V. French, G. Smit, P. M. Brakefield, and J. A. J. Metz**
2001. Butterfly eyespot patterns: evidence for specification by a morphogen diffusion gradient. *Acta Biotheor.* (Dordrecht), 49:77-88. [Netherlands]
- Monti, L., M. Baylac, and B. Lalanne-Cassou**
2001. Elliptic Fourier analysis of the form of genitalia in two *Spodoptera* species and their hybrids (Lepidoptera: Noctuidae). *Biol. J. Linn. Soc.* (London), 72:391-400. [France]
- Morae, C. M. de, M. C. Mescher, and J. H. Tumlinson**
2001. Caterpillar-induced nocturnal plant volatiles repel conspecific females. *Nature* (London), 410:577-580. [Noctuidae; USA]
- Mori, N., H. T. alborn, P. E. A. Teal, and J. H. Tumlinson**
2001. Enzymatic decomposition of elicitors of plant volatiles in *Heliothis virescens* and *Helicoverpa zea*. *J. Ins. Physiol.* (Oxford), 47:749-757. [USA]
- Morimoto, S., M. Nakai, A. Ono, and Y. Kunimi**
2001. Late male-killing phenomenon found in a Japanese population of the Oriental tea tortrix, *Homona magnanima* (Lepidoptera: Tortricidae). *Hered.* (Oxford), 87:435-440. [Japan]
- Mottus, E., I. Liblikas, A. Ojarand, M. Martin, and A.-K. Borg-Karlsson**
2001. Attractancy of 11-tetradecenyl acetate isomers for *Archips podana* Scopoli and *Aphelia paleana* (Hübner). *Faun. Norv.* (Oslo), 48:77-86. [Estonia]
- Mullick, S., and A. K. Singh**
2001. Effect of leguminous host plants on fecundity and longevity of *Helicoverpa armigera* (Hübner) (Lepidoptera: Noctuidae). *Entomon* (Trivandrum), 26:113-120. [India]
- Nakai, M., K. Honda, H. Ueda, and H. Ômura**
2001. Is androconial secretion of *Pieris napi* (Lepidoptera, Pieridae) chemically dimorphic? *Trans. Lepid. Soc. Japan* (Tokyo), 52:309-312. [Japan]
- Nieminen, M., P. Nuorteva, and E. Tulisalo**
2001. The effect of mermits on the mortality of *Parnassius apollo* larvae (Lepidoptera: Papilionidae). *J. Ins. Conserv.* (Dordrecht), 5:1-7. [Finland]
- Nguyen, T. Q. H., and T. T. T. Nguyen**
2001. Radiation induced F_1 sterility in *Plutella xylostella* (Lepidoptera: Plutellidae): potential for population suppression in the field. *Fla. Ent.* (Gainesville), 84:199-208. [Vietnam]
- Niitsu, S.**
2001. Wing degeneration due to apoptosis in the female of the winter moth *Nyssiodes lefuaricus* (Lepidoptera, Geometridae). *Ent. Sci.* (Tokyo), 4:1-7. [Japan]
- Nurindah, G. H. Walter, and R. L. Tiengson**
2001. Larval diet affects number of femoral 'brush' scales in male *Helicoverpa punctigera* moths (Lepidoptera: Noctuidae). *Bull. Ent. Res.* (London), 91:355-362. [Australia]
- Ocampo, V. R.**
2001. Effect of substerilizing dose of radiation on the mating competitiveness of male and on the mating propensity of female *Helicoverpa armigera* (Lepidoptera: Noctuidae). *Fla. Ent.* (Gainesville), 84:194-198. [Philippines]
- Ohtani, K., Witjaksomo, T. Fukumoto, F. Mochizuki, M. Yamamoto, and T. Ando**
2001. Mating disruption of the Japanese giant looper in tea gardens permeated with synthetic pheromone and related compounds. *Ent. Exp. Appl.* (Amsterdam), 100:203-209. [Geometridae] [Japan]
- Oldenburg, C., S. Kanaujia, D. Spiteller, N. L. Oldham, W. Boland, and K.-E. Kaissling**
2001. Benzoic acid, a stimulant of odorant receptors of *Bombyx mori*, is rapidly metabolized to N-benzoylserine one the antennae. *Chemoecol.* (Basel), 11: 183-190. [Bombycidae] [Germany]
- Omura, H., K. Honda, and N. Hayashi**
2001. Identification of odoriferous compounds from adults of a swallowtail butterfly, *Papilio machaon* (Lepidoptera: Papilionidae). *Zeit. Naturfor. (C) Biosci.* (Tübingen), 56:1126-1134. [Japan]
- Ortego, F., C. Novillo, J. J. Sanchez-S., and P. Castanera**
2001. Physiological response of Colorado potato beetle and beet armyworm larvae to depletion of wound-inducible proteinase inhibitors in transgenic potato plants. *J. Ins. Physiol.* (Oxford), 47:1291-1300. [Noctuidae] [Spain]
- Osborn, F. R., and F. Sanchez**
2001. A viral infection in the neck gland of larvae of *Dione junio* (Lepidoptera: Nymphalidae). *Acta Cient. Venez.* (Caracas), 51:207-210. (2000) [Venezuela]

- Panzuto, M. F. Lorenzetti, Y. Mauffette, and P. J. Albert**
2001. Perception of aspen and sun/shade maple leaf soluble extracts by larvae of *Malacosoma disstria*. *J. Chem. Ecol.* (New York), 27:1963-1978. [Lasiocampidae] [Canada]
- Pavelka, J., and J. Koudelova**
2001. Inheritance of a temperature-modified phenotype of the short antennae (sa) mutation in a moth, *Ephestia kuhniella* (Lepidoptera: Pyralidae). *J. Hered.* (Oxford), 92:234-242. [Czech Republic]
- Perić-M., V., J. Lazarević, and V. Nenadović**
2001. A possible role for the dorsolateral protocerebral neurosecretory neurons in the trophic adaptations of *Lymantria dispar* (Lepidoptera: Lymantriidae). *Eur. J. Ent.* (České Budějovice), 98:257-264. [Yugoslavia]
- Pieloor, M. J., and J. E. Seymour**
2001. Factors affecting adult diapause initiation in the tropical butterfly *Hypolimnas bolina* L. (Lepidoptera: Nymphalidae). *Aust. J. Ent.* (Carlton), 40:376-379. [Australia]
- Plyushch, I. G., and I. V. Dolinskaya**
2001. The features of chorionic surface structures of some species of Saturniidae, Brahmaeidae and Sphingidae of Far East Russia (Lepidoptera, Bombycoidea). *Lambill.* (Tervuren), 101:11-22.
- Quero, C., H. Y. Fadamiro, and T. C. Baker**
2001. Responses of male *Helicoverpa zea* to single pulses of sex pheromone and behavioural antagonist. *Physiol. Ent.* (London), 26:106-115. [Noctuidae] [Spain]
- Raina, A. K., W. P. Wergin, C. A. Murphy, and E. F. Erbe**
2001. Structural organization of the sex pheromone gland in *Helicoverpa zea* in relation to pheromone production and release. *Arth. Struct. Devel.* (Oxford), 29:343-353. [USA]
- Ramachandra, Y. L., G. Bali, and S. P. Rai**
2001. Effect of temperature and relative humidity on spinning behaviour of silkworm (*Bombyx mori* L.). *Indian J. Exp. Biol.* (New Delhi), 39:87-89. [Bombycidae; India]
- Rehman, W.-ur, M. N. Ashiq, and S.-ud Din**
[2001]. The effects if high humidity and temperature on the economic characters of the silkworm, *Bombyx mori* L. *Pakistan J. For.* (Peshawar), 50:33-36. [Bombycidae] [Pakistan]
- Rhamnali, P. H.**
[2001]. Study on biological and technological values of basic characteristics of silkworm breeds (*Bombyx mori* L.) selected at high temperature and humidity. *Zhivot. Nauk.* (Sofia), 37:98-102. (2000) [Bombycidae] [Bulgaria] [in Bulgarian]
- Riba, M., A. Sans, P. Bau, G. Grolleau, M. Renou, and A. Guerrero**
2001. Pheromone response inhibitors of the corn stalk borer *Sesamia nonagrioides*. Biological evaluation and toxicology. *J. Chem. Ecol.* (New York), 27:1879-1897. [Noctuidae] [Spain]
- Rishi, S., G. Sahni, and K. K. Rishi**
2001. Karyological study in *Ergolus merione* Cram. (Nymphalidae: Lepidoptera) with indications of localized centromeres and female heterogrammetry. *Entomon* (Trivandrum), 25:313-322. (2000) [India]
- Roditakis, N. E., and M. G. Karandinos**
2001. Effects of photoperiod and temperature on pupal diapause induction of grape berry moth *Lobesia botrana*. *Physiol. Ent.* (London), 26:329-340. [Tortricidae] [Greece]
- Rodriguez, L. M., J. A. Ottea, and T. E. Reagan**
2001. Selection, egg viability, and fecundity of the sugarcane borer (Lepidoptera: Crambidae) with tebufenozide. *J. Econ. Ent.* (Lanham), 94:1553-1557. [USA]
- Rogers, M. E., J. Krieger, and R. G. Vogt**
2001. Antennal SNMPs (sensory neuron membrane proteins) of Lepidoptera define a unique family of invertebrate CD36-like proteins. *J. Neurobiol.* (New York), 49:47-61. [USA]
- Ross, G. N., H. M. Fales, H. A. Lloyd, T. Jones, E. A. Sokoloski, K. Marshall-Batty, and M. S. Blum**
2001. Novel chemistry of abdominal defensive glands of nymphalid butterfly *Agraulis vanillae*. *J. Chem. Ecol.* (New York), 27:1219-1228. [USA]
- Ryen, C., G. P. Svensson, and C. Lofstedt**
2001. Mating disruption of *Plodia interpunctella* in small-scale plots: effects of pheromone blend, emission rates, and population density. *J. Chem. Ecol.* (New York), 27:2109-2124. [Pyralidae] [Sweden]
- Sahara, K., H. Saito, K. Kikuchi, Y. Yamada, S. Asano, and H. Bando**
2001. Comparison of dried-leaf powder of host plants as a component of an artificial diet for the wild silkworm, *Antheraea yamamai* Guérin-Ménville (Lepidoptera: Saturniidae). *Japan. J. Appl. Ent. Zool.* (Tokyo), 45: 94-98. [Japan] [in Japanese]
- Sbrenna, G., A. Micciarelli, L. Cappellozza, and S. Cappellozza**
2001. Rearing of a polyhybrid strain of *Bombyx mori* L. (Lepidoptera Bombycidae) on artificial diets containing different amounts of mulberry leaves. *Redia* (Florence), 83:175-186. (2000) [Italy]
- Schappert, P.**
2001. Butterfly buffet. *Nat. Hist.* (New York), 110(6):46-49.
- Seth, R. K., and V. P. Sharma**
2001. Inherited sterility by substerilizing radiation in *Spodoptera litura* (Lepidoptera: Noctuidae): bioefficacy and potential for pest suppression. *Fla. Ent.* (Gainesville), 84:183-193. [India]
- Sharma, P. R., O. P. Sharma, and B. P. Saxena**
2001. Ultrastructure of the haemocytes of tobacco armyworm *Spodoptera litura* Fab. (Lepidoptera: Noctuidae). *Biologia* (Bratislava), 56:277-285. [India]
- Simmonds, M. S. J., and P. C. Stevenson**
2001. Effects of isoflavonoids from *Cicer* on larvae of *Helicoverpa armigera*. *J. Chem. Ecol.* (New York), 27:965-977. [England]
- Simonsen, T. J.**
2001a. An electron microscope look at wing scales in "greasy" Lepidoptera. *Nota Lepid.* (Karlsruhe), 24:89-92.
2001b. The wing vestiture of the non-ditrysian Lepidoptera (Insecta). Comparative morphology and phylogenetic implications. *Acta Zool.* (Oxford), 82: 275-298.
- Simonsen, T. J., and N. P. Kristensen**
2001. *Agathiphaga* wing vestiture revisited: evidence for complex early evolution of lepidopteran scales (Lepidoptera: Agathiphgidae). *Ins. Syst. Evol.* (Copenhagen), 32:169-175. [Australia]
- Singer, M. S.**
2001. Determinants of polyphagy by a woolly bear caterpillar: a test of the physiological efficiency hypothesis. *Oikos* (Copenhagen), 93:194-202. [USA]
- Sláma, K.**
2001. Active regulation of respiration and circulation in pupae of the codling moth (*Cydia pomonella*). *J. Ins. Physiol.* (Oxford), 47:1321-1336. [Tortricidae] [Czech Rep.]
- Sláma, K., and T. A. Miller**
2001. Physiology of heartbeat reversal in diapausing pupae of the tobacco hornworm, *Manduca sexta* (Lepidoptera: Sphingidae). *Eur. J. Ent.* (České Budějovice), 98:415-431. [USA]
- Šmits, A., S. Larsson, and R. Hopkins**
2001. Reduced realised fecundity in the pine looper *Bupalus piniarius* caused by host plant defoliation. *Ecol. Ent.* (London), 26:417-424. [Sweden]
- Souza, A. M. L., C. J. Ávila, and J. R. P. Parra**
2001. Food intake and utilization by *Diatraea saccharalis* (Fabr.) (Lepidoptera: Pyralidae), *Heliothis virescens* (Fabr.) and *Spodoptera frugiperda* (J. E. Smith) (Lepidoptera: Noctuidae) at two different temperatures. *Neotrop. Ent.* (Londrina), 30:11-17. [Brazil] [in Portuguese]
- Stanley-Horn, D. E., G. P. Dively, R. L. Hellmich, H. R. Matilla, M. K. Sears, R. Rose, L. C. H. Jesse, J. E. Losey, J. J. Obrycki, and L. Lewis**
2001. Assessing the impact of Cry1Ab-expressing corn pollen on monarch butterfly larvae in field studies. *Proc. Natl. Acad. Sci.* (Washington), 98: 11931-11936. [Nymphalidae] [USA]
- Stern, D.**
2001. Body-size evolution: how to evolve a mammoth moth. *Curr. Biol.* (London), 11:R917-R919. [USA]
- Stewart, K. M.**
2001. Relative susceptibility to desiccation of eggs and young larvae of the pasture pest *Wiseana copularis* (Lepidoptera: Hepialidae). *New Zealand J. Agr. Res.* (Wellington), 44:177-180. [New Zealand]
- Storer, N. P., J. W. Van Duyn, and G. G. Kennedy**
2001. Life history traits of *Helicoverpa zea* (Lepidoptera: Noctuidae) on non-Bt and Bt transgenic corn hybrids in eastern North Carolina. *J. Econ. Ent.* (Lanham), 94:1268-1279. [USA]
- Sugimoto, M., and T. Saigusa**
2001. External morphology and musculature of the female of a specialized psychid, *Acanthopsyche nigraplaga* (Wileman) (Lepidoptera, Psychidae). *Trans. Lepid. Soc. Japan* (Tokyo), 52:313-331. [Japan]
- Szöcs, G., I. S. Ötvös, and C. Sanders**
2001. *Erannis tiliaria* (Lepidoptera: Geometridae) males attracted to enantio-merically identical pheromone blend of *Erannis defoliaria*. *Can. Ent.* (Ottawa), 133:297-299. [Canada]
- Subchev, M., and R. A. Jurenka**
2001. Sex pheromone levels in pheromone glands and identification of the pheromone and hydrocarbons in the hemolymph of the moth *Scolopeltys libatrix* L. (Lepidoptera: Noctuidae). *Arch. Ins. Biochem. Physiol.* (New York), 47:35-43. [USA]
- Takacs, S., G. Gries, and R. Gries**

2001. Communication ecology of webbing clothes moth: 4. Identification of male- and female-produced pheromones. *Chemoecol.* (Basel), 11:153-159. [Tineidae] [Canada]
- Takahashi, T., M. Hiroki, and Y. Obara**
2001. Evidence for male and female sex pheromones in the sulfur butterfly, *Eurema hecabe*. *Ent. Exp. Appl.* (Amsterdam), 101:89-92. [Pieridae] [Sweden]
- Tammaru, T., M. Tanhuanpää, K. Ruohomäki, and A. Vanatoa**
2001. Autumnal moth - why autumnal? *Ecol. Ent.* (London), 26:646-654. [Finland]
- Tanaka, A., K. Yasuda, and S. Wakamura**
2001. Sex pheromone of *Acrolepiopsis nagaimo* Yasuda (Lepidoptera: Acrolepidiidae), a predominant leafminer on Chinese yam in Tottori Prefecture: field evaluation and activity of the third component. *Appl. Ent. Zool.* (Tokyo), 36:203-207. [Japan]
- Tatar, M., and C.-M. Yin**
2001. Slow aging during insect reproductive diapause: why butterflies, grasshoppers and flies are like worms. *Exp. Gerontol.* (Oxford), 36:723-738. [Nymphalidae; USA]
- Taylor, G. K.**
2001. Mechanics and aerodynamics of insect flight control. *Biol. Rev.* (Cambridge), 76:449-471.
- Telang, A., V. Booton, R. F. Chapman, and D. E. Wheeler**
2001. How female caterpillars accumulate their nutrient reserves. *J. Ins. Physiol.* (Oxford), 47:1055-1064. [Noctuidae] [USA]
- Tisdale, R. A., and T. W. Sappington**
2001. Realized and potential fecundity, egg fertility, and longevity of laboratory-reared female beet armyworm (Lepidoptera: Noctuidae) under different adult diet regimes. *Ann. Ent. Soc. Amer.* (Lanham), 94:415-419. [USA]
- Torres, A. L., R. Barros, and J. V. de Oliveira**
2001. Effects of plant aqueous extracts on the development of *Plutella xylostella* (L.) (Lepidoptera: Plutellidae). *Neotrop. Ent.* (Itabuna), 30:151-156. [Brazil]
- Trimble, R. M.**
2001. Interaction of photoperiod and temperature in the regulation of prediapause development in the spotted tentiform leafminer (Lepidoptera: Gracillariidae). *Can. Ent.* (Ottawa), 133:251-253. [Canada]
- Van Dam, N. M., U. Hermenau, and I. T. Baldwin**
2001. Instar-specific sensitivity of specialist *Manduca sexta* larvae to induced defences in their host plant *Nicotiana attenuata*. *Ecol. Ent.* (London), 26:578-586. [Germany]
- Van Dongen, S., E. Springer, and C. Lofstedt**
2001. Lack of evolutionary potential of developmental instability of front tibia length in the Indian meal moth (*Plodia interpunctella*). *Belg. J. Zool.* (Brussels), 131:75-82. [Pyralidae; Belgium]
- Veiga, A. B. G., B. Blochtein, and J. A. Guimaraes**
2001. Structures involved in production, secretion and injection of the venom produced by the caterpillar *Lonomia obliqua* (Lepidoptera, Saturniidae). *Toxicon* (Oxford), 39:1343-1451. [Brazil]
- Vickers, R. A., and E. R. Rumbo**
2001. Sex pheromone components of the clearwing borer, *Carmenta chrysophanes* (Meyrick) (Lepidoptera: Sesiidae): provisional identification and field tests. *Aust. J. Ent.* (Carlton), 40:69-73. [Australia]
- Vukusic, P., J. R. Sambles, C. R. Lawrence, and R. J. Wootton**
2001. Now you see it - now you don't. *Nature* (London), 410:36. [Riodinidae; Neotropical]
- Wakamura, S., N. Arakiki, H. Ono, and H. Yasui**
2001. Identification of novel sex pheromone components from a tussock moth, *Euproctis pulverea*. *Ent. Exp. Appl.* (Amsterdam), 100:109-117. [Lymantriidae] [Japan]
- Wakamura, S., A. Tanaka, K. Yasuda, and T. Yasuda**
2001. Sex pheromone of *Acrolepiopsis nagaimo* Yasuda (Lepidoptera: Acrolepidiidae), a predominant leafminer on Chinses yam in Tottori Prefecture: identification and field attraction. *Appl. Ent. Zool.* (Tokyo), 36:71-76. [Japan]
- Walters, E. T., P. A. Illich, J. C. Weeks, and M. R. Lewin**
2001. Defensive responses of larval *Manduca sexta* and their sensitization by noxious stimuli in the laboratory and field. *J. Exp. Biol.* (Cambridge), 204:457-469. [Sphingidae; USA]
- Wasserthal, L. T.**
2001. Flight-motor-driven respiratory air flow in the hawkmoth *Manduca sexta*. *J. Exp. Biol.* (Cambridge), 204:2209-2220. [Sphingidae] [Germany]
- Wheeler, H. C., and C. C. Bennington**
2001. Effects of light availability on herbivory and defense chemistry in *Passiflora incarnata*. *Fla. Sci.* (Orlando), 64:237-245. [Nymphalidae] [USA]
- Wilson, K., S. C. Cotter, A. F. Reeson, and J. K. Pell**
2001. Melanism and disease resistance in insects. *Ecol. Lett.* (London), 4:637-649. [Noctuidae] [England]
- Wilson, T. A., and R. L. Wilson**
2001. Leaf extracts from Peruvian maize affect larval feeding and development of European corn borer (Lepidoptera: Crambidae). *J. Kansas Ent. Soc.* (Lawrence), 74:32-39. [USA]
- Winterer, J., and J. Bergelson**
2001. Diamondback moth compensatory consumption of protease inhibitor-transformed plants. *Molec. Ecol.* (Oxford), 10:1069-1074. [Plutellidae; USA]
- Woods, H. A., and J. F. Harrison**
2001. The beneficial acclimation hypothesis versus acclimation of specific traits: physiological change in water-stressed *Manduca sexta* caterpillars. *Physiol. Biochem. Zool.* (Chicago), 74:32-44. [Sphingidae; USA]
- Woods, H. A., and M. S. Singer**
2001. Contrasting responses to desiccation and starvation by eggs and neonates of two Lepidoptera. *Physiol. Biochem. Zool.* (Chicago), 74:594-606. [Arctiidae, Sphingidae] [USA]
- Xia, J.-Y., J.-J. Cui, and S.-L. Dong**
2001. Resistance of transgenic Bt cotton to *Helicoverpa armigera* Hübner (Lepidoptera: Noctuidae) and its effects on other insects in China. In *Genetic Improvement of Cotton: Emerging Technologies*, 203-225. Enfield: Sci. Publ.
- Yack, J. E., M. L. Smith, and P. J. Weatherhead**
2001. Caterpillar talk: acoustically mediated territoriality in larval Lepidoptera. *Proc. Natl. Acad. Sci.* (Washington), 98:11371-11375. [Drepanidae] [USA]
- Yoshida, A., A. Noda, and J. Emoto**
2001. Bristle distribution along the wing margin of the small white cabbage butterfly (Lepidoptera: Pieridae). *Ann. Ent. Soc. Amer.* (Lanham), 94:467-470. [Japan]
- Yoshio, M., and M. Ishii**
2001. Relationship between cold hardiness and northward invasion in the great mormon butterfly, *Papilio memnon* L. (Lepidoptera: Papilionidae) in Japan. *Appl. Ent. Zool.* (Tokyo), 36:329-335.
- Zalucki, M. P., L. P. Brower, and A. Alonso-M.**
2001. Detrimental effects of latex and cardiac glycosides on survival and growth of first-instar monarch butterfly larvae *Danaus plexippus* feeding on the sandhill milkweed *Asclepias humistrata*. *Ecol. Ent.* (London), 26:212-224. [USA]
- Zalucki, M. P., S. B. Malcolm, T. D. Paine, C. C. Hanlon, L. P. Brower, and A. R. Clarke**
2001. It's the first bite that counts: survival of first-instar monarchs on milkweeds. *Austral Ecol.* (Carlton), 26:547-555. [USA]
- Zhang, G.-F., X.-H. Yan, C.-F. Sheng, and X.-Z. Meng**
2001. Mating disruption of the Chinese tortrix *Cydia trasias* (Lepidoptera: Olethreutidae) by atmospheric permeation with synthetic sex pheromone. *Environ. Ent.* (Lanham), 30:7-11. [Tortricidae; China]
- Zhang, J.-T., Y. Han, and X.-Z. Meng**
2001. Sex pheromone of the carpenterworm, *Holcocerus insularis* (Lepidoptera, Cossidae). *Zeit. Naturfor. (C) Biosci.* (Tübingen), 56:423-429. [China]
- Zhao, J.-Z., Y.-X. Li, H. L. Collins, J. Cao, E. D. Earle, and A. M. Shelton**
2001. Different cross-resistance patterns in the diamondback moth (Lepidoptera: Plutellidae) resistance to *Bacillus thuringiensis* toxin CryIC. *J. Econ. Ent.* (Lanham), 94:1547-1552. [USA]
- Zhao, Q., B.-Z. Tian, G.-Q. Xu, C.-J. Lu, and C.-Y. Xie**
2001. Analysis of factors affecting captures of *Plodia interpunctella* by synthetic sex pheromone traps. *Acta Ent. Sinica* (Beijing), 44:321-326. [Pyralidae] [China] [in Chinese]
- Zhong, G.-H., M.-Y. Hu, Q.-F. Weng, A.-Q. Ma, and W.-S. Xu**
2001. Laboratory and field evaluations of extracts from *Rhododendron molle* flowers as insect growth regulator to imported cabbage worm, *Pieris rapae* L. (Lepidoptera: Pieridae). *J. Appl. Ent.* (Hamburg), 125:563-569. [China]

ECONOMIC LEPIDOPTERA

Abrol, D. P., and A. A. Bhat

2001. Integrated management of tomato fruit borer *Helicoverpa armigera* (Hübner) (Lepidoptera: Noctuidae). *J. Anim. Morph. Physiol.* (Baroda), 46:125-126. [India]

Abrundell, J. C., and N. A. Straw

2001. Hornet clearwing moth (*Sesia apiformis* (Clerck)) and dieback of poplars in eastern England. *Arboricult. J.* (Bicester), 25:235-253. [Sesiidae]

Al-Zyoud, F. A., and H. M. Elmosa

2001. Population dynamics of the grape berry moth, *Lobesia botrana* Schiff. (Lepidoptera: Tortricidae), and its parasites in Jerash area, Jordan. *Dirasat Agr. Sci.* (Amman), 28:6-13.

Alonso, C., K. Ruohomaki, M. Riippi, and J. Henriksson

2001. Testing for prerequisites of local adaptation in an insect herbivore, *Epirlita autumnata*. *Ecosci.* (Quebec), 8:26-31. [Geometridae; Finland]

Ameline, A., and B. Frerot

2001. Pheromone blends and trap designs can affect catches of *Sesamia nonagrioides* Lef. (Lep., Noctuidae) males in maize. *J. Appl. Ent.* (Hamburg), 125:15-18. [France]

Anon.

2001. Guatemalan moth *Tecia solanivora* devastating potato crops in Ecuador. *Int. Pest Contr.* (Uxbridge), 43:75-76.

Asaro, C., and C. W. Berisford

- 2001a. Predicting infestation levels of the Nantucket pine tip moth (Lepidoptera: Tortricidae) using pheromone traps. *Environ. Ent.* (Lanham), 30: 776-784. [USA]

- 2001b. Seasonal changes in adult longevity and pupal weight of the Nantucket pine tip moth (Lepidoptera: Tortricidae) with implications for interpreting pheromone trap catch. *Environ. Ent.* (Lanham), 30:999-1005. [USA]

Ashamo, M. O., and O. O. Odeyemi

2001. Effect of rearing temperature on the fecundity and development of *Euzopherodes vapidella* Mann (Lepidoptera: Pyralidae), a pest of stored yam. *J. Stored Prod. Res.* (Oxford), 37:253-261. [Nigeria]

Askew, R. R., and M. R. Shaw

2001. *Brachymeria tibialis* (Walker, 1834) (Hymenoptera: Chalcidae), a parasitoid of *Zygaena* Fabricius, 1777, and other Lepidoptera. *Ent. Gaz.* (W), 52:263-268. [Zygaenidae; Europe]

Åsman, K.

2001. Effect of temperature on development and activity periods of the leek moth, *Acrolepiopsis assectella* Zell. (Lep., Acrolepiidae). *J. Appl. Ent.* (Hamburg), 125:361-364. [Sweden]

Åsman, K., B. Ekblom, and B. Rämet

2001. Effect of intercropping on oviposition and emigration behavior of the leek moth (Lepidoptera: Acrolepiidae) and the diamondback moth (Lepidoptera: Plutellidae). *Environ. Ent.* (Lanham), 30:288-294. [Sweden]

Ateyyat, M. A., and T. M. Mustafa

2001. Cultural control of citrus leafminer, *Phyllocnistis citrella* Stainton (Lepidoptera: Gracillariidae) on lemon in Jordan. *Int. J. Pest Mgmt.* (London), 47:285-288.

Attique, M. R., Z. Ahmad, A. I. Mohyuddin, and M. M. Ahmad

2001. Studies on *Pectinophora gossypiella* (Saunders) and its control strategy in the Punjab, Pakistan. *Pakistan J. Zool.* (Lahore), 33:115-123. [Gelechiidae]

Babu, P. B. S., J. Madhusudana Rao, and B. Joy

- [2001]. Effect of crude oils of *Annona squamosa* and *A. reticulata* on feeding and development of *Spodoptera litura* (Fab.) larvae. *J. Ins. Sci.* (Ludhiana), 11:184-185. (1998) [Noctuidae] [India]

Baskauf, S. J., and D. E. McCauley

2001. Evaluation of low temperature mortality as a range-limiting factor for the southwestern corn borer (Lepidoptera: Crambidae). *Environ. Ent.* (Lanham), 30:181-188. [Pyralidae; USA]

Bhummannavar, B. S., and C. A. Viraktamath

2001. Seasonal incidence and extent of parasitization of fruit piercing moths of the genus *Othreis* (Lepidoptera: Noctuidae). *J. Biol. Contr.* (Coimbatore), 15:31-38. [India]

Bishop, S. D., R. F. Smith, C. Vincent, H. Goulet, J. Huber, G. Gibson, M. Sharkey, and J. H. Borden

2001. Hymenopterous parasites associated with *Phyllonorycter blanchardella* (Lepidoptera: Gracillariidae) in Nova Scotia and Quebec. *Phytoprot.* (St. Jean-sur-Richelieu), 82(2):65-71. [Canada]

Blackmer, J. L., A. E. Eiras, and C. L. M. de Souza

2001. Oviposition preference of *Neoleucinodes elegantalis* (Guenée) (Lepidoptera: Crambidae) and rates of parasitism by *Trichogramma pretiosum*

Riley (Hymenoptera: Trichogrammatidae) on *Lycopersicon esculentum* in São Jose de Uba, RJ, Brazil. *Neotrop. Ent.* (Itabuna), 30:89-95. [Pyralidae]

Blanco-Metzler, H., A. D. Watt, and D. Cosen

2001. Within-tree distribution of *Ecdytolopha tortricornis* (Lepidoptera: Tortricidae) oviposition on macadamia nuts. *Revta. Biol. Trop.* (San Jose), 49:693-696. [Costa Rica]

Bloem, S., and J. E. Carpenter

2001. Evaluation of population suppression by irradiated Lepidoptera and their progeny. *Fla. Ent.* (Gainesville), 84:165-171. [USA]

Boivin, T., C. C. d'Hieres, J. C. Bouvier, D. Beslay, and B. Sauphanor

2001. Pleiotropy of insecticide resistance in the codling moth, *Cydia pomonella*. *Ent. Exp. Appl.* (Amsterdam), 99:381-386. [France]

Botton, M., O. Nakano, and A. Kovaleski

- [2001]. Thermal requirements of *Bonagota cranaodes* (Meyrick) (Lepidoptera: Tortricidae) and estimation of the number of generations in apple growing regions in the south of Brazil. *An. Soc. Ent. Bras.* (Itabuna), 29:633-637. (2000) [in Portuguese]

Cantani, R., and A. Battisti

2001. Impact and control of the cone tortricid *Pseudococcyx tessulatana* (Staudinger), damaging the cone crop of a selected clone of cypress (*Cupressus sempervirens* L.) in Italy. *Anz. Schädlingesk.* (Berlin), 74(4): 107-110. [Italy]

Carpenter, J. E., K. A. Bloem, and S. Bloem

2001. Applications of F_1 sterility for research and management of *Cactoblastis cactorum* (Lepidoptera: Pyralidae). *Fla. Ent.* (Gainesville), 84:531-536. [USA]

Carpenter, J. E., S. Bloem, and K. A. Bloem

2001. Inherited sterility in *Cactoblastis cactorum* (Lepidoptera: Pyralidae). *Fla. Ent.* (Gainesville), 84:537-542. [USA]

Carriere, Y., C. Ellers-Kirk, B. Pedersen, S. Haller, and L. Antilla

2001. Predicting spring moth emergence in the pink bollworm (Lepidoptera: Gelechiidae): implications for managing resistance to transgenic cotton. *J. Econ. Ent.* (Lanham), 94:1012-1021. [USA]

Chagas, M. C. M., J. R. P. Parra, T. Namekata, J. S. Hartung, and P. T. Yamamoto

2001. *Phyllocnistis citrella* Stainton (Lepidoptera: Gracillariidae) and its relationship with the citrus canker bacterium *Xanthomonas axonopodis* pv *citri* in Brazil. *Neotrop. Ent.* (Itabuna), 30:55-59.

Charlet, L. D.

2001. Biology and seasonal abundance of parasitoids of the banded sunflower moth (Lepidoptera: Tortricidae) in sunflower. *Bio. Contr.* (Orlando), 20:113-121. [USA]

Charmillot, P. J., A. Gourmelon, A. L. Fabre, and D. Pasquier

2001. Ovicidal and larvicidal effectiveness of several insect growth inhibitors and regulators on the codling moth *Cydia pomonella* L. (Lep., Tortricidae). *J. Appl. Ent.* (Hamburg), 125:147-153. [Switzerland]

Cheng, L.-G., F.-L. Li, Z.-J. Han, Z.-Y. Li, and Z.-H. Chen

2001. Realized heritability of resistance to dimehypo and cartap in diamondback moth, *Plutella xylostella*. *Acta Ent. Sinica* (Beijing), 44:263-267. [Plutellidae] [China] [in Chinese]

Chermi, B., M. brahem, M. Znaidi, H. Gahbiche, B. Messelmani, M. Dali, and H. Messelmani

2001. First results on releasing experiments of *Ageniaspis citricola* Logvinovskaya (Hym., Encyrtidae), a parasitoid of *Phyllocnistis citrella* Stainton (Lep., Gracillariidae). *J. Appl. Ent.* (Hamburg), 125:45-52. [Tunisia] [in French]

Clark, T. L., J. F. Witkowski, and J. E. Foster

2001. Parasitism rates in European corn borer (Lepidoptera: Crambidae) larvae collected from six maize hybrids. *J. Ent. Sci.* (Tifton), 36:342-351. [Pyralidae] [USA]

Conti, E., and F. Bin

2001. Parasitoids of concealed noctuid eggs and their potential in biological control of Gramineae stemborers. *Redia* (Florence), 83:87-104. (2000) [Noctuidae] [Italy]

Del Tio, R., J. L. Martinez, R. Ocete, and M. E. Ocete

2001. Study of the relationship between sex pheromone trap catches of *Lobesia botrana* (Den. & Schiff.) (Lep., Tortricidae) and the accumulation of degree-days in sherry vineyards (sw of Spain). *J. Appl. Ent.* (Hamburg), 125:9-14.

Dhileepan, K., and R. E. C. McFadyan

2001. Effects of gall damage by the introduced biocontrol agent *Epiblema strenuana* (Lep., Tortricidae) on the weed *Aprrhenium hysterophorus* (Asteraceae). *J. Appl. Ent.* (Hamburg), 125:1-8. [Australia]

Dray, F. A., Jr., T. D. Center, and G. S. Wheeler

- [2001]. Lessons from unsuccessful attempts to establish *Spodoptera pectinicornis* (Lepidoptera: Noctuidae), a biological control agent of waterlettuce. *Biocont. Sci. Tech.* (Abingdon), 11:301-316. (2000) [USA]
- Duan, L., and I. S. Otovs**
2001. Influence of larval age and virus concentration on mortality and sublethal effects of a nucleopolyhedrovirus on the western spruce budworm (Lepidoptera: Tortricidae). *Environ. Ent.* (Lanham), 30:136-146. [Canada]
- Duffield, S. J., and D. G. Chapple**
2001. Within-plant distribution of *Helicoverpa armigera* (Hübner) and *Helicoverpa punctiger* (Wallengren) (Lepidoptera: Noctuidae) eggs on irrigated soybean. *Aust. J. Ent.* (Carlton), 40:151-157. [Australia]
- Ecole, C. C., M. C. Picanco, R. N. C. Guedes, and S. H. Brommonschenkel**
2001. Effect of cropping season and possible compounds involved in the resistance of *Lycopersicon hirsutum* f. *typicum* to *Tuta absoluta* (Meyrick) (Lep., Gelechiidae). *J. Appl. Ent.* (Hamburg), 125:193-200. [Brazil]
- Furlong, M. J., and J. K. Pell**
2001. Horizontal transmission of entomopathogenic fungi by the diamondback moth. *Biol. Contr.* (Orlando), 22:288-299. [Plutellidae] [Australia]
- Garcia, F. R. M., M. C. Carabagialle, L. A. N. de Sa, and J. V. Campos**
2001. Parasitismo natural de *Phyllocoptis citrella* Stainton, 1856 (Lepidoptera, Gracillariidae, Phyllocoptinae) no oeste de Santa Catarina, Brasil. *Revta. Bras. Ent.* (Curitiba), 45:139-143. [Brazil]
- Giustolin, T. A., J. D. Vendramim, S. B. Alves, S. A. Vieira, and R. M. Pereira**
2001. Susceptibility of *Tuta absoluta* (Meyrick) (Lep., Gelechiidae) reared on two species of *Lycopersicon* to *Bacillus thuringiensis* var. *kurstaki*. *J. Appl. Ent.* (Hamburg), 125:551-556. [Brazil]
- Grafton-Cardwell, E. E., G. H. Montez, and J. E. McClain**
2001. Lower developmental threshold and degree-day prediction of larval emergence of citrus cutworm, *Egira curialis* (Grote) (Lepidoptera: Noctuidae). *J. Agric. Urban Ent.* (Clemson), 18:73-85. [USA]
- Haile, A., and T. Hofsvang**
2001. Survey of lepidopterous stem borer pests of sorghum, maize and pearl millet in Eritrea. *Crop Prot.* (Oxford), 20:151-157. [Noctuidae, Pyralidae]
- Hern, A., and S. Dorn**
2001. Induced emissions of apple fruit volatiles by the codling moth: changing patterns with different time periods after infestation and different larval instars. *Phytochem.* (Oxford), 57:409-416. [Switzerland]
- Higbee, B. S., C. O. Calkins, and C. A. Temple**
2001. Overwintering of codling moth (Lepidoptera: Tortricidae) larvae in apple harvest bins and subsequent moth emergence. *J. Econ. Ent.* (Lanham), 94:1511-1517. [USA]
- Hoch, G., M. Zubrik, J. Novotny, and A. Schopf**
2001. The natural enemy complex of the gypsy moth, *Lymantria dispar* (Lep., Lymantriidae) in different phases of its population dynamics in eastern Austria and Slovakia: a comparative study. *J. Appl. Ent.* (Hamburg), 125:217-227.
- Huang, X.-P., and T. P. Mack**
2001. Artificial carbon dioxide source to attract lesser cornstalk borer (Lepidoptera: Pyralidae) larvae. *J. Econ. Ent.* (Lanham), 94:860-867. [USA]
- Idris, A. B., and E. Grafius**
2001. Effects of plant density on abundance of diamondback moth (Lepidoptera: Plutellidae) and *Diadegma insulare* (Cresson) (Hymenoptera: Ichneumonidae). *Int. J. Pest Mgmt.* (London), 47:103-107. [Malaysia]
- James, D. G., A. Cosse, L. C. Wright, and J. Perez**
2001. Pheromone trapping of *Synanthedon tipuliformis* (Lepidoptera: Sesiidae) in Washington red currants. *Environ. Ent.* (Lanham), 30:663-666. [USA]
- Josan, A., and G. Singh**
2001. Sublethal effects of lufenuron on the diamondback moth, *Plutella xylostella* (Linnaeus). *Ins. Sci. Appl.* (Nairobi), 20:303-308. [India]
- Kaitaniemi, P., and K. Ruohomaki**
2001. Sources of variability in plant resistance against insects: free caterpillars show strongest effects. *Oikos* (Copenhagen), 95:461-470. [Geometridae] [Finland]
- Kidd, K. A., and D. B. Orr**
2001. Comparative feeding and development of *Pseudoplusia includens* (Lepidoptera: Noctuidae) on kudzu and soybean foliage. *Ann. Ent. Soc. Amer.* (Lanham), 94:219-225. [USA]
- Kipriotis, E., D. Grekov, and L.-C. Bao**
- [2001]. A preliminary report on intensifying silkworm (*Bombyx mori* L.) efficiency by rearing directly on mulberry plantation under plastic shed. *Zivot. Nauk.* (Sofia), 37:69-72. (2000) [Bombycidae] [China]
- Klinken, R. D. van, and T. A. Heard**
2001. Estimating fundamental host range: a host-specificity study of a potential biocontrol agent for *Prosopis* species (Leguminosae). *Biocont. Sci. Tech.* (Abingdon), 10:331-342. (2000) [Gelechiidae] [Australia]
- Knight, A. L., J. E. Dudley, and R. K. Jansson**
2001. Baseline monitoring of codling moth (Lepidoptera: Tortricidae) larval response to benzolhydrazine insecticides. *J. Econ. Ent.* (Lanham), 94:264-270. [USA]
- Kranthi, K. R., D. Jadhav, R. Wanjari, S. Kranthi, and D. Russell**
2001. Pyrethroid resistance and mechanisms of resistance in field strains of *Helicoverpa armigera* (Lepidoptera: Noctuidae). *J. Econ. Ent.* (Lanham), 94:253-263. [India]
- Krishnaiah, K., S. Zainulabeuddin, A. G. Rao, D. V. S. S. Kumar, and N. R. G. Verma**
- [2001]. Pheromone monitoring system of rice yellow stem borer, *Scirphophaga incertulas* Walker. *Indian J. Pl. Prot.* (Hyderabad), 26:99-106. (1998) [Pyralidae] [India]
- Landolt, P. J., T. Adams, H. C. Reed, and R. S. Zack**
2001. Trapping alfalfa looper moths (Lepidoptera: Noctuidae) with single and double component floral chemical lures. *Environ. Ent.* (Lanham), 30: 667-672.
- Landolt, P. J., and J. F. Alfaro**
2001. Trapping *Lacanobia subjuncta*, *Xestia c-nigrum*, and *Mamestra configurata* (Lepidoptera: Noctuidae) with acetic acid and 3-methyl-1-butanol in controlled release dispensers. *Environ. Ent.* (Lanham), 30: 656-662. [USA]
- Legaspi, J. C., J. V. French, A. G. Zuniga, and B. C. Legaspi, Jr.**
2001. Population dynamics of the citrus leafminer, *Phyllocnistis citrella* (Lepidoptera: Gracillariidae), and its natural enemies in Texas and Mexico. *Biol. Contr.* (Orlando), 21:84-90.
- Leibee, G. L., and L. S. Osborne**
2001. Chemical control of *Cactoblastis cactorum* (Lepidoptera: Pyralidae). *Fla. Ent.* (Gainesville), 84:510-512. [USA]
- Leite, G. L. D., M. Picanco, R. N. C. Guedes, and J. C. Zanuncio**
2001. Role of plant age in the resistance of *Lycopersicon hirsutum* f. *glabratum* to the tomato leafminer *Tuta absoluta* (Lepidoptera: Gelechiidae). *Sci. Hort.* (Amsterdam), 89:103-113. [Brazil]
- Li, S. Y., and I. S. Ötvös**
2001. Differences in activity enhancement of a baculovirus by an optical brightener between *Choristoneura fumiferana* and *Choristoneura occidentalis* (Lepidoptera: Tortricidae). *Can. Ent.* (Ottawa), 133:329-332. [Canada]
- Lill, J. T., and R. J. Marquis**
2001. The effects of leaf quality on herbivore performance and attack from natural enemies. *Oecolog.* (Berlin), 126:418-428. [Oecophoridae; USA]
- Lima, M., fil., S. Favero, and J. O. G. de Lima**
2001. Production of the Mediterranean flour moth, *Anagasta koehniella* (Zeller) (Lepidoptera: Pyralidae), on an artificial diet containing corn meal. *Neotrop. Ent.* (Itabuna), 30:37-42. [Brazil] [in Portuguese]
- Lindelow, A., and C. Bjorkman**
2001. Insects on lodgepole pine in Sweden: current knowledge and potential risks. *For. Ecol. Mgmt.* (Amsterdam), 141:107-116. [Tortricidae]
- Liu, Y.-B., B. E. Tabashnik, T. J. Dennehay, A. L. Patin, M. A. Sims, S. K. Meyer, and Y. Carriere**
2001. Effects of Bt cotton and Cry1Ac toxin on survival and development of pink bollworm (Lepidoptera: Gelechiidae). *J. Econ. Ent.* (Lanham), 94:1237-1242. [USA]
- Luyt, R., and S. D. Johnson**
2001. Hawkmoth pollination of the African epiphytic orchid *Mystacidium venosum*, with special reference to flower and pollen longevity. *Plant Syst. Evol.* (Vienna), 228:49-62. [Sphingidae] [South Africa]
- Maceljski, M., and A. Mesic**
2001. *Phyllonorycter robiniella* Clemens: a new insect pest in Croatia. *Agric. Conspec. Scient.* (Zagreb), 66:225-230. [Gracillariidae]
- Mahr, D. L.**
2001. *Cactoblastis cactorum* (Lepidoptera: Pyralidae) in North America: a workshop of assessment and planning. *Fla. Ent.* (Gainesville), 84:465-473. [USA]
- Malo, E. A., L. Cruz-L., J. Valle-M., A. Virgen, J. A. Sanchez, and J. C. Rojas**
2001. Evaluation of commercial pheromone lures and traps for monitoring male fall armyworm (Lepidoptera: Noctuidae) in the coastal region of Chiapas, Mexico. *Fla. Ent.* (Gainesville), 84:659-664.
- Mann, G. S., and A. K. Kansal**

- [2001]. Comparative development of *Euproctis lunata* alker on different growth stages of jujube, *Zizyphus murtiana* Laml at Ludhiana. *J. Ins. Sci.* (Ludhiana), 11:173-175. (1998) [Lymantriidae] [India]
- Mansour, M., and F. Mohamad**
- 2001a. Insecticide applications based on pheromone trap catches vs. a preventive spray program for codling moth, *Cydia pomonella* (L.) (Lepidoptera), control in Syrian. *Polsk. Pismo Ent.* (Gdynia), 70:73-80. [Syria]
- 2001b. Mating disruption for codling moth, *Cydia pomonella* (L.) (Lepidoptera: Tortricidae), control in Syrian apple orchards. *Polsk. Pismo Ent.* (Gdynia), 70:151-163. [Syria]
- Maron, J. L., S. Harrison, and M. Greaves**
2001. Origin of an insect outbreak: escape in space or time from natural enemies? *Oecolog.* (Berlin), 126:595-602. [Lymantriidae; USA]
- Martin, H. L., and M. L. Dale**
2001. Potential of *Cactoblastis cactorum* as a vector for fungi pathogenic to pricklypear, *Opuntia inermis*. *Biol. Contr.* (Orlando), 21:258-263. [Pyralidae] [Australia]
- Martinez, S. S., and H. F. van Emden**
2001. Growth disruption, abnormalities and mortality of *Spodoptera littoralis* (Boisduval) (Lepidoptera: Noctuidae) caused by azadirachtin. *Neotrop. Ent.* (Itabuna), 30:113-125. [Brazil]
- Martini, A., N. Baldassari, P. Baronio, G. Mambelli, and G. Rocchetta**
- [2001]. Notes on the mortality rate of *Thaumatocampa* (= *Thaumetopoea*) *pityocampa* D. & S. (Lepidoptera: Thaumetopoeidae) eggs and the population of oophagous parasitoids in the Ronco-Bidente Valley. *Boll. Ist. Ent. Univ. Stud. Bologna*, 54:123-136. (2000) [Italy] [in Italian]
- Mattiacci, L., S. Rudelli, B. Ambuhl-Rocca, S. Gemini, and S. Dorn**
2001. Systematically-induced response of cabbage plants against a specialist herbivore, *Pieris brassicae*. *Chemoecol.* (Basel), 11:167-173. [Pieridae] [Switzerland]
- Milonas, P. G., M. Savopoulou-Soutani, and D. G. Stavridis**
2001. Day-degree models for predicting the generation time and flight activity of local populations of *Lobesia botrana* (Den. & Schiff.) (Lep., Tortricidae) in Greece. *J. Appl. Ent.* (Hamburg), 125:515-518.
- Mirchev, P., G. T. Georgiev, and G. Tsankov**
2001. Studies on the parasitoids of *Gelechia senticellata* (Stgr.) (Lepidoptera: Gelechiidae) in Bulgaria. *Anz. Schädlingsk.* (Berlin), 74(4):94-96. [Bulgaria]
- Mochiah, M. B., A. J. Ngi-Song, W. A. Overholt, and M. Botchey**
2001. Host suitability of four cereal stem borers (Lepidoptera: Crambidae, Noctuidae) for different geographic populations of *Cotesia sesamiae* (Cameron) (Hymenoptera: Braconidae) in Kenya. *Biol. Contr.* (Orlando), 21:285-292.
- Monnerat, R. G., D. Bordat, M. C. Branco, and F. H. Franca**
- [2001]. Effects of *Bacillus thuringiensis* Berliner and chemical insecticides on *Plutella xylostella* (L.) (Lepidoptera: Yponomeutidae) and its parasitoids. *An. Soc. Ent. Bras.* (Itabuna), 29:723-730. (2000) [Brazil] [in Portuguese]
- Mullen, M. A., and A. K. Dowdy**
2001. A pheromone-baited trap for monitoring the Indian meal moth, *Plodia interpunctella* (Hübner) (Lepidoptera: Pyralidae). *J. Stored Prod. Res.* (Oxford), 37:231-235. [USA]
- Murugan, K., N. S. Raja, D. Jeyabalan, N. S. Kumar, and S. Sivaramakrishnan**
- [2001]. Evaluation of certain tropical plant extracts for their antifeedant and toxic properties against *Spodoptera litura* (Fab.). *J. Ins. Sci.* (Ludhiana), 11:186-187. (1998) [India]
- Ndemah, R., F. Schulthess, S. Korie, C. Borgmeister, and K. F. Cardwell**
2001. Distribution, relative importance and effect of lepidopterous borers on maize yields in the forest zone and mid-altitude of Cameroon. *J. Econ. Ent.* (Lanham), 94:1434-1444. [Noctuidae, Pyralidae, Tortricidae]
- Ndemah, R., F. Schulthess, M. Poehling, and C. Borgmeister**
2001. Spatial dynamics of lepidopterous pests on *Zea mays* (L.) and *Pennisetum purpureum* (Moench) in the forest zone of Cameroon and their implications for sampling schemes. *J. Appl. Ent.* (Hamburg), 125:507-514.
- Ndemah, R., F. Schulthess, M. Poehling, C. Borgmeister, and G. Goergen**
2001. Natural enemies of lepidopterous borers on maize and elephant grass in the forest zone of Cameroon. *Bull. Ent. Res.* (London), 91:205-212. [Noctuidae, Pyralidae]
- Nowinszky, L., and J. Puskas**
2001. Light-trapping of the European corn borer (*Ostrinia nubilalis* Hbn.) at different values of the Q-index expressing the different intensities of solar flares. *Acta Phytopath. Ent. Hung.* (Budapest), 36:201-205. [Hungary]
- Oh, K.-S., Y.-S. Bae, and J.-D. Park**
2001. Moth pests of *Quercus* (Fagaceae) cone. *Korean J. Ent.* (Seoul), 31:221-224. [Blastobasidae, Oecophoridae, Tortricidae] [Korea] [in Korean]
- Ohtomo, R., and T. Chiba**
2001. Ecological notes on diapause and overwintering of the allium leafminer, *Acolepiopsis sapporensis* (Matsumura) (Lepidoptera: Plutellidae) in northern Japan. *Japan. J. Appl. Ent. Zool.* (Tokyo), 45:123-128. [Acrolepiidae] [Japan] [in Japanese]
- Okazaki, K., A. Arakawa, H. Noguchi, and F. Mochizuki**
2001. Further studies on mating disruptants for the summerfruit tortrix moth, *Adoxophyes orana fasciata*. *Japan. J. Appl. Ent. Zool.* (Tokyo), 45:137-141. [Tortricidae] [Japan] [in Japanese]
- Osorio-M., P. A., E. Espitia-M., and E. Luque-Z.**
2001. Reconocimiento de enemigos naturales de *Tecia solanivora* (Lepidoptera: Gelechiidae) en localidades productoras de papa en Colombia. *Revta. Colomb. Ent.* (Bogota), 27:177-185.
- Ossipov, V., E. Haukioja, S. Ossipova, S. Hanhimaki, and K. Pihlaja**
2001. Phenolic and phenolic-related factors as determinants of suitability of mountain birch leaves to an herbivorous insect. *Biochem. Syst. Ecol.* (Oxford), 29:223-240. [Geometridae; Finland]
- Pemberton, R. W., and H. A. Cordo**
2001. Potential and risks of biological control of *Cactoblastis cactorum* (Lepidoptera: Pyralidae) in North America. *Fla. Ent.* (Gainesville), 84:513-526.
- Perez-Sandi-C., M.**
2001. Addressing the threat of *Cactoblastis cactorum* (Lepidoptera: Pyralidae), to *Opuntia* in Mexico. *Fla. Ent.* (Gainesville), 84:499-502.
- Polavarapu, S., G. Lonergan, H. Peng, and K. Neilsen**
2001. Potential for mating disruption of *Sparganothis sulfureana* (Lepidoptera: Tortricidae) in cranberries. *J. Econ. Ent.* (Lanham), 94:658-665. [USA]
- Praveen, P. M., and N. Dhandapani**
2001. Consumption, digestion and utilization of biopesticides treated tomato fruits by *Helicoverpa armigera* (Hübner). *J. Biol. Contr.* (Coimbatore), 15:59-62. [Noctuidae] [India]
- Ratnadas, A., T. Traore, M. Sylla, and D. Diarra**
2001. Improved techniques for mass-rearing *Busseola fusca* (Lepidoptera: Noctuidae) on an artificial diet. *Afr. Ent.* (Pretoria), 9:167-175. [France]
- Rensburg, J. B. J. van**
2001. Larval mortality and injury patterns of the African stalk borer, *Busseola fusca* (Fuller) on various plant parts of Bt-transgenic maize. *S. Afr. J. Plant Soil* (Pretoria), 18:62-68. [Noctuidae] [South Africa]
- Richmond, D. S., and D. J. Shetlar**
2001. Black cutworm (Lepidoptera: Noctuidae) larval emigration and biomass in mixtures of endophytic perennial ryegrass and Kentucky bluegrass. *J. Econ. Ent.* (Lanham), 94:1183-1186. [USA]
- Royama, T.**
2001. Measurement, analysis, and interpretation of mortality factors in insect survivorship studies, with reference to the spruce budworm, *Choristoneura fumiferana* (Clem.) (Lepidoptera: Tortricidae). *Pop. Ecol.* (Tokyo), 43:157-178. [Canada]
- Ryan, C. A.**
2001. Night moves of pregnant moths. *Nature* (London), 410:530-531. [USA]
- Sbrenna, G., A. Micciarelli, L. Cappellozza, and S. Cappellozza**
2001. Rearing of a polyhybrid strain of *Bombyx mori* L. (Lepidoptera: Bombycidae) on artificial diets containing different amounts of mulberry leaves. *Redia* (Florence), 83:175-186. (2000) [Italy]
- Schenkayder, H. P., Jr., T. E. Reagan, and D. R. Ring**
2001. Sampling for the sugarcane borer (Lepidoptera: Crambidae) on sugarcane in Louisiana. *J. Econ. Ent.* (Lanham), 94:766-771. [Pyralidae] [USA]
- Sciarretta, A., P. Trematarra, and J. Baumgartner**
2001. Geostatistical analysis of *Cydia funebrana* (Lepidoptera: Tortricidae) pheromone trap catches at two spatial scales. *Amer. Ent.* (Lanham), 47:174-184. [Italy]
- Sedlacek, J. D., S. R. Komaravalli, A. M. Hanley, B. D. Price, and P. M. Davis**
2001. Life history attributes of Indian meal moth (Lepidoptera: Pyralidae) and Angoumois grain moth (Lepidoptera: Gelechiidae) reared on transgenic corn kernels. *J. Econ. Ent.* (Lanham), 94:586-592. [USA]
- Shani, A., and J. Clearwater**
2001. Evasion of mating disruption in *Ephestia cautella* (Walker) by increased pheromone production relative to that of undisturbed populations. *J. Stored Prod. Res.* (London), 37:237-252. [Pyralidae; Israel]
- Shevelev, A. B., A. Battisti, A. M. Volynskaya, S. I. Novillova, L. I. Kostina, and I. A. Zalunin**
2001. Susceptibility of the pine processionary caterpillar *Thaumetopoea pityocampa* (Lepidoptera: Thaumetopoeidae) toward δ-endotoxins of

- Bacillus thuringiensis* under laboratory conditions. *Ann. Appl. Biol.* (Wellesbourne), 138:255-261. [Notodontidae] [Italy]
- Sileshi, G., and J. Terissa**
2001. Tuber damage by potato tuber moth, *Phthorimaea operculella* Zeller (Lepidoptera: Gelechiidae), in the field in eastern Ethiopia. *Int. J. Pest Mgmt.* (London), 47:109-113.
- Siqueira, H. A. A., R. N. C. Guedes, D. B. Fragoso, and L. C. Magalhaes**
2001. Abamectin resistance and synergism in Brazilian populations of *Tuta absoluta* (Meyrick) (Lepidoptera: Gelechiidae). *Int. J. Pest Mgmt.* (London), 47:247-251. [Brazil]
- Soberon, J., J. Golubov, and J. Sarukhan**
2001. The importance of *Opuntia* in Mexico and routes of invasion and impact of *cactoblastis cactorum* (Lepidoptera: Pyralidae). *Fla. Ent.* (Gainesville), 84:486-492.
- Sooichiroo, K.**
2001. Molasses-traps turning a plastic bottle and knitting wool to good account. *Yugato* (Niigata), 166:113-114. [Japan] [in Japanese]
- Spangler, S. M., and D. D. Calvin**
2001. Vertical distribution of European corn borer (Lepidoptera: Crambidae) egg masses on sweet corn. *Environ. Ent.* (Lanham), 30:274-279. [Pyralidae; USA]
- Sperry, C. E., W. R. Chaney, G.-F. Shao, and C. S. Sadof**
2001. Effects of tree density, tree species diversity, and percentage of hardscape on three insect pests of honeylocust. *J. Arboricul.* (Savoy), 27:263-271. [Urodiidae] [USA]
- Stepanik, L. J., and M. O. Harrell**
2001. Mortality of seedling windbreak trees caused by a common sunflower insect *Isophrictis similiella* (Chambers) (Lepidoptera: Gelechiidae). *J. Kansas Ent. Soc.* (Lawrence), 73:123-125. (2000) [USA]
- Stiling, P., and D. C. Moon**
2001. Protecting rare Florida cacti from attack by the exotic cactus moth, *Cactoblastis cactorum* (Lepidoptera: Pyralidae). *Fla. Ent.* (Gainesville), 84:506-510. [USA]
- Story, J. M., W. R. Good, and L. J. White**
2001. Response of the knapweed biocontrol agent *Agapeta zoegana* L. (Lepidoptera: Cochylidae) to portable lights. *Pan-Pac. Ent.* (San Francisco), 77:219-225. [USA]
- Strazanac, J. S., C. D. Plaucher, T. R. Petrice, and L. Butler**
2001. New Tachinidae (Diptera) host records of eastern North American forest canopy Lepidoptera: baseline data in a *Bacillus thuringiensis* variety *kurstaki* nontarget study. *J. Econ. Ent.* (Lanham), 94:1128-1134. [USA]
- Tikkanean, O.-P., and H. Roininen**
2001. Spatial pattern of outbreaks of *Operophtera brumata* in eastern Fennoscandia and their effects on radial growth of trees. *For. Ecol. Mgmt.* (Amsterdam), 146:45-54. [Geometridae] [Finland]
- Trimble, R. M., D. J. Pree, and N. J. Carter**
2001. Integrated control of oriental fruit moth (Lepidoptera: Tortricidae) in peach orchards using insecticide and mating disruption. *J. Econ. Ent.* (Lanham), 94:476-485. [Canada]
- Ulmer, B., C. Gillot, and M. Erlanson**
2001. Feeding preferences, growth, and development of *Mamestra configurata* (Lepidoptera: Noctuidae) on Brassicaceae. *Can. Ent.* (Ottawa), 133:509-519. [Canada]
- Vakenti, J. M., J. E. Cossentine, B. E. Cooper, M. J. Sharkey, C. M. Yoshimoto, and L. B. M. Jensen**
2001. Host-plant range and parasitoids of obliquebanded and three-lined leafrollers (Lepidoptera: Tortricidae) [in British Columbia]. *Can. Ent.* (Ottawa), 133:139-146. [Canada]
- Vardhini, D., S. S. Raja, K. Varalakshmi, and K. M. A. Quddus**
2001. Suijol, a new potent growth regulator from *Juniperus communis* L. against last instar larvae of *Spodoptera litura*. *J. Appl. Ent.* (Hamburg), 125:479-481. [Noctuidae] [India]
- Viugueras-G., A. L., and L. Portillo**
2001. Uses of *Opuntia* species and the potential impact of *Cactoblastis cactorum* (Lepidoptera: Pyralidae) in Mexico. *Fla. Ent.* (Gainesville), 84:493-498.
- Vrablova, M., P. Toth, and L. Cagan**
2001. *Coleophora versurella* Zeller: potential biological control agent of red root pigweed (*Amaranthus retroflexus* Linnaeus). *Plant Prot. Sci.* (Brno), 37:128. [Slovakia]
- Waldstein, D. E., W. H. Reissig, and J. P. Nyrop**
2001. Larval movement and its potential impact on the management of the obliquebanded leafroller (Lepidoptera: Tortricidae). *Can. Ent.* (Ottawa), 133:687-696. [USA]
- Walker, K. R., and S. C. Welter**
2001. Potential for outbreaks of leafrollers (Lepidoptera: Tortricidae) in California apple orchards using mating disruption for codling moth suppression. *J. Econ. Ent.* (Lanham), 94:373-380. [USA]
- Wearing, C. H., J. D. Hansen, C. Whyte, C. E. Miller, and J. W. Brown**
2001. The potential for spread of codling moth (Lepidoptera: Tortricidae) via commercial sweet cherry fruit: a critical review and risk assessment. *Crop Prot.* (Oxford), 20:465-488.
- Wheeler, G. S., F. Slansky, Jr., and S.-J. Yu**
2001. Food consumption, utilization and detoxification enzyme activity of larvae of three polyphagous noctui moth species when fed the botanical insecticidal rotenone. *Ent. Exp. Appl.* (Amsterdam), 98:225-239. [USA]
- Wilson, D., and S. H. Faeth**
2001. Do fungal endophytes result in selection for leafminer ovipositional preference? *Ecol.* (Washington), 82:1097-1111. [Gracilariidae; USA]
- Withers, T. M., and M. A. Keena**
2001. *Lymantria monacha* (nun moth) and *L. dispar* (gypsy moth) survival and development on improved *Pinus radiata*. *New Zealand J. For. Sci.* (Rotorua), 31:66-77. [New Zealand]
- Xia, J.-Y., J.-J. Cui, and S.-L. Dong**
2001. Resistance of transgenic Bt cotton to *Helicoverpa armigera* Hübner (Lepidoptera: Noctuidae) and its effects on other insects in China. In *Genetic Improvement of Cotton: Emerging Technologies*, 203-225. Enfield: Sci. Publ.
- Zavala, J. A., A. L. Scopel, and C. L. Ballare**
2001. Effects of ambient UV-B radiation on soybean crops: impact of leaf herbivory by *Anticarsia gemmatalis*. *Plant Ecol.* (Dordrecht), 156:121-130. [Argentina]
- Zhao, J.-Z., Y.-X. Li, H. L. Collins, J. Cao, E. D. Earle, and A. M. Shelton**
2001. Different cross-resistance patterns in the diamondback moth (Lepidoptera: Plutellidae) resistance to *Bacillus thuringiensis* toxin Cry1C. *J. Econ. Ent.* (Lanham), 94:1547-1552. [USA]
- Zhou, G., J. Baumgartner, and W. A. Overholt**
2001. Impact assessment of an exotic parasitoid on stemborer (Lepidoptera) population dynamics in Kenya. *Ecol. Appl.* (Tempe), 11:1554-1562. [Pyralidae]
- Zolubas, P., A. Gedminas, and K. Shields**
2001. Gypsy moth parasitoids in the declining outbreak in Lithuania. *J. Appl. Ent.* (Hamburg), 125:229-234.

MEDICAL

- Arocha-Pinanga, C. L., E. Marval, and B. Guerrero**
2001. *Lonomia* genus caterpillar toxins: biochemical aspects. *Biochimie* (Paris), 82:937-942. [Saturniidae] [Venezuela]
- Balit, C. R., H. C. Ptolemy, M. J. Geary, R. C. Russell, and G. K. Isbister**
2001. Outbreak of caterpillar dermatitis caused by airborne hairs of the mistletoe browntail moth (*Euproctis edwardsi*). *Med. J. Aust.* (Kingsgrove), 175:3-17. [Lymantriidae] [Australia]
- Deml, R., and M. E. Epstein**
2001a. Hydroquinone and other secondary compounds in hairs of fire caterpillars (Lepidoptera: Zygaenoidea: Megalopygidae). *Ent. Gener.* (Stuttgart), 25:131-134. [Venezuela]
2001b. Illustration of a caterpillar of Megalopyginae (Lepidoptera: Megalopygidae) whose hairs contain antiseptic compounds. *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:187-189. [Venezuela]
- Fornés, L., and J. V. Hernández**
2001. Reseña histórica e incidencia en la salud pública de *Hylesia metabus* (Cramer) (Lepidoptera: Saturniidae) en Venezuela. *Entomotrop.* (Maracay), 16:137-141.
- Makinen-Kiljunen, S., H. Mussalo-Rauhamaa, L. Petman, J. Rinne, and T. Haahstela**
2001. A baker's occupational allergy to flour moth (*Ephestia kuhniella*). *Allergy* (Copenhagen), 56:696-700. [Finland]
- Pinckney, R. D., K. Kanton, C. N. Foster, H. Steinberg, and P. Pellitteri**
2001. Infestation of a bird and two cats by larvae of *Plodia interpunctella* (Lepidoptera: Pyralidae). *J. Med. Ent.* (Lanham), 38:725-727. [USA]
- Veiga, A. B. G., B. Blochtein, and J. A. Guimaraes**
2001. Structures involved in production, secretion and injection of the venom produced by the caterpillar *Lonomia obliqua* (Lepidoptera, Saturniidae). *Toxicon* (Oxford), 39:1343-1451. [Brazil]

HOLARCTIC LEPIDOPTERA

ACROLEPIIDAE

Åzman, K.

2001. Effect of temperature on development and activity periods of the leek moth, *Acrolepiopsis assectella* Zell. (Lep., Acrolepiidae). *J. Appl. Ent.* (Hamburg), 125:361-364. [Sweden]

Gaedike, R., and O. Karsholt

2001. Contribution to the Lepidoptera fauna of the Madeira Islands. Part 2. Tineidae, Acrolepiidae, Epermeniidae. *Beitr. Ent.* (Berlin), 51:161-213.

Ohtomo, R., and T. Chiba

2001. Ecological notes on diapause and overwintering of the allium leafminer, *Acrolepiopsis sapporensis* (Matsumura) (Lepidoptera: Plutellidae) in northern Japan. *Japan. J. Appl. Ent. Zool.* (Tokyo), 45:123-128. [Japan] [in Japanese]

Wakamura, S., A. Tanaka, K. Yasuda, and T. Yasuda

2001. Sex pheromone of *Acrolepiopsis nagaimo* Yasuda (Lepidoptera: Acrolepiidae), a predominant leafminer on Chinese yam in Tottori Prefecture: identification and field attraction. *Appl. Ent. Zool.* (Tokyo), 36:71-76. [Japan]

AMPHITHERIDAE

Huemer, P., and A. H. Segerer

2001. Polyphänismus bei "Kleinschmetterlingen" am Beispiel von *Roeslerstamnia erxlebella* (Fabricius, 1787) und *R. pronubella* ([Denis & Schiffermüller], 1775) (Lepidoptera: Roeslerstammiidae). *Ent. Zeit.* (Stuttgart), 111:207-211. [Europe]

ARCTIIDAE

Brown, D. C. G.

2001. Further records of hoary footman *Eilema caniola* (Hb.) (Lep.: Arctiidae) in north Wales. *Ent. Rec. J. Var.* (Surrey), 113:17. [England]

Ehrhardt, W.

2001. Beobachtungen zu einer Arealerweiterung von *Pararge aegeria* (Linnaeus, 1758) (Lepidoptera: Nymphalidae) und einem auffallenden Vorkommen von *Atolmis rubricollis* (Linnaeus, 1758) (Arctiidae) in der südlichen Lüneberger Heide. *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 21:235. (2000) [Germany]

Eitschberger, U., and H. Steiniger

2001. Arctiidae 2000. *Atalanta* (M), 32:319. [Germany]

Everett, C. M.

2001. Voltinism of ruby tiger *Phragmatobia fuliginosa* (L.) (Lep.: Arctiidae) and other macro-moths in the Watford district, Hertfordshire. *Ent. Rec. J. Var.* (Surrey), 113:201-202. [England]

Henwood, B. P.

2001. Diurnal behaviour of *Phragmatobia fuliginosa fuliginosa* (Linnaeus, 1758) (Lepidoptera: Arctiidae). *Ent. Gaz.* (Wallingford), 52:116. [England]

Howard, R. A.

2001. A suspected resident population of *Lithosia quadra* (Linnaeus, 1758) (Lepidoptera: Arctiidae) on the Lizard Peninsula, Cornwall, and the possibility of migratory supplementation. II. *Ent. Gaz.* (Wallingford), 52:167-170. [England]

Ivinskis, P., and A. Saldaitis

2001. A new genus, *Dodiopsis* gen. nov., and a new species, *Dodiopsis solanikovi* spec. nov., from Mongolia (Lepidoptera, Arctiidae). *Atalanta* (Marktleuthen), 32:227-232, pl. 6b.

Iyengar, V. K., C. Rossini, and T. Eisner

2001. Precopulatory assessment of male quality in an arctiid moth (*Utetheisa ornatrix*): hydroxydanaidal is the only criterion of choice. *Behav. Ecol. Sociobiol.* (Berlin), 49:283-288. [Arctiidae; USA]

Jones, G.

2001. Further records of hoary footman *Eilema caniola* (Hb.) (Lep.: Arctiidae). *Ent. Rec. J. Var.* (Surrey), 113:256. [England]

Ozaki, K., and T. Ohbayashi

2001. DNA comparison of Japanese populations of *Hyphantria cunea* with divergent life cycles. *Ent. Sci.* (Tokyo), 4:47-52. [Japan]

Przybylowicz, L., and K.-T. Park

2001. Two new records and three rare species of Korean Arctiidae (Lepidoptera). *Ins. Koreana* (Chuncheon), 18:211-217. [Korea]

Ryouji, K.

2001. Observations of the scales in Arctiidae. *Yadoriga* (Tokyo), 190:4-10. [Japan] [in Japanese]

Singer, M. S.

2001. Determinants of polyphagy by a woolly bear caterpillar: a test of the

physiological efficiency hypothesis. *Oikos* (Copenhagen), 93:194-202. [USA]

Wander, A.

2001. The status of hoary footman *Eilema caniola* (Hb.) (Lep.: Arctiidae) on Anglesey. *Ent. Rec. J. Var.* (Surrey), 113:207. [England]

West, B. K.

2001. *Phragmatobia fuliginosa* L. (Lep.: Arctiidae): first generation at light and third generation examples in Kent. *Ent. Rec. J. Var.* (Surrey), 113:187. [England]

Wink, M., and L. Legal

2001. Evidence for two genetically and chemically defined host races of *Tyria jacobaeae* (Arctiidae, Lepidoptera). *Chemoecol.* (Basel), 11:199-207. [Germany]

Yamanaka, T., S. Tatsuki, and M. Shimada

2001. Flight characteristics and dispersal patterns of fall webworm (Lepidoptera: Arctiidae). *Environ. Ent.* (Lanham), 30:1150-1157. [Japan]

BOMBYCIDAE

Banno, Y., H. Fujii, and H. Doira

2001. Inheritance of one cocoon shape mutant named "flossy cocoon" of the silkworm, *Bombyx mori*. *J. Inst. Biotech. Sericol.* (Ibaraki), 70:189-192. [Japan]

Kawaguchi, Y., H. Doira, T. Kusakabe, and K. Koga

2001. Genetic analysis of the maternally conditioned "mosaic of Tanaka" mutation in *Bombyx mori*. *J. Ins. Biotech. Sericol.* (Ibaraki), 70:193-197. [Japan]

Klymenko, V. V.

2001. Parthenogenesis and cloning in the silkworm *Bombyx mori* L.: problems and prospects. *J. Ins. Biotech. Sericol.* (Ibaraki), 70:155-165. [Ukraine]

Petkov, N., L. Ignatova, I. Nacheva, and P. Tsenov

- [2001]. Studies on reproductive traits of simple (di-) and complex (tri- and tetra) hybrids of silkworm (*Bombyx mori* L.). *Zhivot. Nauk.* (Sofia), 37:84-88. (2000) [Bulgaria] [in Bulgarian]

BRACHODIDAE

Kallies, A.

2001. Revision of the *Brachodes pumila* (Ochsenheimer, 1808) species-group (Sesiidae: Brachodidae). *Nota Lepid.* (Karlsruhe), 24(1/2):7-19. [Europe]

Špatenka, K., and A. Kallies

2001. Zur Taxonomie, Bionomie und Verbreitung zentral-asiatischer Sesiidae und Brachodidae (Lepidoptera, Sesiidae). *Ent. Zeit.* (Stuttgart), 111: 199-205, 234-237. [C. Asia]

CARPOSINIDAE

Kim, D.-S., J.-H. Lee, and M.-S. Yiem

2001. Temperature-dependent development of *Carposina sasakii* (Lepidoptera: Carposinidae) and its stage emergence models. *Environ. Ent.* (Lanham), 30:298-305. [South Korea]

Li, H.-H., Y.-R. Wang, and J.-Z. Dong

2001. Systematic notes on Carposinidae of China, with descriptions of two new species (Lepidoptera: Copromorphoidea). *Acta Zootaxon. Sinica* (Yangling), 26:61-73. [in Chinese]

CASTNIIDAE

Aguilar, L., J. Y. Miller, and V. Sarto i Montey

2001. A new lepidopteran family for the European fauna. *SHILAP Revta. Lepid.* (Madrid), 29:86-87. [Argentina. Spain]

COLEOPHORIDAE

Anikin, V. A.

- 2001a. Casebearer moths collected by D. Floroff in Siberia, Russia (Lepidoptera, Coleophoridae). *Atalanta* (Munich), 32:245-247.

- 2001b. Little known casebearer moths from Russia (Lepidoptera, Coleophoridae). *Atalanta* (Munich), 32:249-258.

Baldizzone, G.

- 2001a. Contribuzioni alla conoscenza dei Coleophoridae. XCV. Nuove specie di Coleophoridae della collezione Klimesch (Lepidoptera: Coleophoridae). *SHILAP Revta. Lepid.* (Madrid), 29:131-144. [Greece, Morocco, Turkey]

- 2001a. Contribuzioni alla conoscenza dei Coleophoridae. XCVI. Nuove specie di Coleophoridae della Turchia (Lepidoptera: Coleophoridae). *SHILAP Revta. Lepid.* (Madrid), 29:255-273. [Turkey]

Baldizzone, G., and H. W. van der Wolf

- [2001]. Corrections of and additions to the checklist of European Coleophori-

- dae (Lepidoptera: Coleophoridae). *SHILAP Revta. Lepid.* (Madrid), 28: 395-428. (2000) [Europe, Greece, Spain]
- Gibbs, D.**
2001. *Coleophora fuscicornis* Zeller, 1847 (Lepidoptera: Coleophoridae) discovered in Dorset. *Ent. Gaz.* (Wallingford), 52:166. [England]
- Heckford, R. J.**
2001. *Coleophora pappiferella* Hofmann, 1869 (Lepidoptera: Coleophoridae) new to Britain and *Scrobipalpa murinella* (Duponchel, 1843) (Lepidoptera: Gelechiidae) at the same locality. *Ent. Gaz.* (Wallingford), 52:101-104.
- Kuchlein, J. H.**
2001. *Coleophora coronillae*, a new coleophorid moth for the Dutch fauna (Lepidoptera: Coleophoridae). *Ent. Ber.* (Amsterdam), 61:75-79. [Netherlands]
- Leutsch, H.**
2001. Neufunde, Bemerkungen und Korrekturen zur Fauna der Coleophoridae in der Oberlausitz (Lep.). *Ent. Nachr. Ber.* (Dresden), 45:115-118. [Germany]
- Wolf, H. van der**
2001. *Coleophora taygeti* Baldizzone, 1983, espèce nouvelle pour la France (Lepidoptera Coleophoridae). *Alexanor* (Paris), 21:239-240. (1999)
- COSMOPTERIGIDAE**
- Bland, K. P.**
2001. *Cosmopterix orichalcea* Stainton (Lep.: Cosmopterigidae), a resident species on the Isle of Rum, Scotland. *Ent. Rec. J. Var.* (Surrey), 113: 262-263.
- Palmer, S., R. M. Palmer, and J. R. Langmaid**
2001. *Sorhagenia janiszewskae* Riedl (Lep.: Cosmopterigidae) feeding on *Rhamnus cathartica* and new to Lancashire. *Ent. Rec. J. Var.* (Surrey), 113:81-82. [England]
- Varenne, T., and J. Nel**
2001. *Anatrachynitis rileyi* (Walsingham, 1882), un microlépidoptère ravageur nouveau pour la France et l'Europe (Lep. Cosmopterigidae). *Bull. Soc. Ent. Fr.* (Paris), 106:176.
- COSSIDAE**
- Schoorl, J. W., Jr.**
2001. On the distinction between *Eremocossus* and *Dyspessa*, with notes on the former (Lepidoptera: Cossidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:88. [Europe]
- Zhang, J.-T., Y. Han, and X.-Z. Meng**
2001. Sex pheromone of the carpenterworm, *Holcocerus insularis* (Lepidoptera, Cossidae). *Zeit. Naturfor. (C) Biosci.* (Tübingen), 56:423-429. [China]
- DREPANIDAE**
- Fountain, H.**
2001. For caterpillars, making a racket goes with the territory. *New York Times*, 151(Oct 2):F4. [USA]
- Yack, J. E., M. L. Smith, and P. J. Weatherhead**
2001. Caterpillar talk: acoustically mediated territoriality in larval Lepidoptera. *Proc. Natl. Acad. Sci.* (Washington), 98:11371-11375. [USA]
- ELACHISTIDAE**
- Bradley, J. D.**
2001. *Mendesia farinella* (Thunb.) (Lep.: Elachistidae): a moth to look for in Britain. *Ent. Rec. J. Var.* (Surrey), 113:141-143. [Europe]
- Kaila, L., B. A. Bengtsson, I. Sulcs, and J. Junnilainen**
2001. A revision of the *Elachista regificella* Sircom-complex (Lepidoptera: Elachistidae). *Ent. Fenn.* (Helsinki), 12:153-168. [Europe]
- Nel, J., and R. Mazel**
2001. Sur deux microlépidoptères méconnus, nouveaux pour la faune de France, observés dans les Pyrénées-Orientales (Lepidoptera, Tortricidae et Elachistidae). *Bull. Soc. Ent. Fr.* (Paris), 106:273-276. [France]
- PARENTI, U.**
2001. The elachistid moths of the Löbbecke Museum of Düsseldorf (Lepidoptera: Elachistidae). *SHILAP Revta. Lepid.* (Madrid), 29:249-254. [Europe]
- EPERMENIIDAE**
- Gaedike, R.**
2001. Eine neue *Epermenia* Hübner, [1825], vom Monte Baldo (Lepidoptera: Epermeniidae). *Ent. Zeit.* (Stuttgart), 111:230-231. [Italy]
- Gaedike, R., and O. Karsholt**
2001. Contribution to the Lepidoptera fauna of the Madeira Islands. Part 2. Tineidae, Acrolepiidae, Epermeniidae. *Beitr. Ent.* (Berlin), 51:161-213.
- GELECHIIDAE**
- Aston, A.**
2001. *Sophronia semicostella* (Hb.) (Lep.: Gelechiidae) in North Hampshire. *Ent. Rec. J. Var.* (Surrey), 113:170. [England]
- Baran, T.**
2001. New for the Polish fauna and rare gelechiids (Lepidoptera: Gelechiidae). *Polsk. Pismo Ent.* (Gdynia), 70:195-200. [Poland]
- Bidzilya, O.**
2001. Two new species of gelechiid-moths from Central Asia (Lepidoptera: Gelechiidae). *SHILAP Revta. Lepid.* (Madrid), 29:161-163. [Russia, Turkmenistan]
- Corley, M. F. V.**
2001. *Pseudosophronia*, a new genus of Gelechiidae (Lepidoptera). *Ent. Gaz.* (Wallingford), 52:213-225. [Europe]
- De Prins, W.**
2001. *Gelechia muscosella*, a new species for the Belgian fauna (Lepidoptera: Gelechiidae). *Phegea* (Antwerp), 29:1-3. [Belgium] [in Flemish]
- Fujisawa, K.**
2001. Redescription of *Tornodoxa tholochorda* Meyrick (Gelechiidae), with some records from Japan. *Yugato* (Niigata), 166:107-108. [in Japanese]
- Huemer, P., and O. Karsholt**
- 2001a. Additions to the fauna of Gelechiidae (Gelechiinae: Teleiodini and Gelechiini) of Europe. *Nota Lepid.* (Karlsruhe), 24(3):41-55.
- 2001b. *megacraspedus ebernellus* sp. nov. and *M. dolosellus* (Zeller, 1839), a case of confusion in alpine lepidopterology (Lepidoptera: Gelechiidae). *Ent. Zeit.* (Stuttgart), 111:238-242. [Italy]
- Huertas-D., M.**
- [2001]. Estados inmaduros de Lepidoptera (XIV). Dos especies del género *Nothris* Hübner, [1825] (Lepidoptera: Gelechiidae, Chelariinae). *SHILAP Revta. Lepid.* (Madrid), 28:365-373. (2000) [Spain]
- 2001a. Estados inmaduros de Lepidoptera (XV). Dos especies del género *Teleiodes* Sattler, 1960 en Huelva, España (Lepidoptera: Gelechiidae, Gelechiinae, Teleiodini). *SHILAP Revta. Lepid.* (Madrid), 29:239-247. [Spain]
- Li, H.-H., and Y.-W. Hui**
2001. A new species of the genus *Hedma* (Lepidoptera: Gelechiidae) injurious to *Lycium barbarum*. *Acta Ent. Sinica* (Beijing), 44:227-230. [China] [in Chinese]
- MAKEE, H., and G. Saur**
2001. Factors influencing mating success, mating frequency, and fecundity in *Phthorimaea operculella* (Lepidoptera: Gelechiidae). *Environ. Ent.* (Lanham), 30:31-36. [Syria]
- Palmer, S.**
2001. *Gelechia senticetella* Stdgr. (Lep.: Gelechiidae) in Hertfordshire. *Ent. Rec. J. Var.* (Surrey), 113:42. [England]
- Park, K.-T.**
2001. A revised status of *Anacampsis lugens* Caradja, 1920 (Lepidoptera, Gelechiidae). *Ins. Koreana* (Chuncheon), 18:87-90. [Korea]
- Povolný, D.**
- 2001a. Eighteen new species and additional records of the Palaearctic Gnorimoschemini (Insecta: Lepidoptera: Gelechiidae). *Reichenbach.* (Dresden), 34:181-206. [C. Asia; Russia; Ukraine]
- 2001b. A review of the taxa hierarchy in the Euro-alpine genus *Sattleria* Povolný, 1965 (Lepidoptera: Gelechiidae, Gnorimoschemini). *Acta Univ. Agric. Silvicult. Mendel. Brun.* (Brno), 49:39-58. [Europe]
- Powell, J. A., T. D. Eichlin, and F. A. H. Sperling**
2001. *Platydra subcinerea*, a potential cotton and hollyhock pest, documented in California by pink bollworm pheromone and urban blacklight surveys (Lepidoptera: Gelechiidae). *Pan-Pac. Ent.* (San Francisco), 77:229-234. [USA]
- Powell, J. A., and D. Povolný**
2001. Gnorimoschemine moths of coastal dune and scrub habitats in California (Lepidoptera: Gelechiidae). *Holarc. Lepid.* (Gainesville), 8(Suppl. 1):1-53. [USA]
- Stepanek, L. J., and M. O. Harrell**
2001. Mortality of seedling windbreak trees caused by a common sunflower insect *Isophrictis similiella* (Chambers) (Lepidoptera: Gelechiidae). *J. Kansas Ent. Soc.* (Lawrence), 73:123-125. (2000) [USA]
- Sterling, P. H., and R. J. Heckford**
2001. The discovery of the larva of *Bryotropha desertella* (Douglas, 1850) in Britain and a further note on the larva of *B. terrella* ([D. & S.], 1775) (Lepidoptera: Gelechiidae). *Ent. Gaz.* (Wallingford), 52:143-148. [England]
- GEOMETRIDAE**

- Abraham, D., N. Ryholm, H. Wittzell, J. D. Holloway, M. J. Scoble, and C. Lofstedt**
 2001. Molecular phylogeny of the subfamilies of Geometridae (Geometroidea: Lepidoptera). *Molec. Phylogen. Evol.* (San Diego), 20:65-77.
- Alonso, C., K. Ruohomaki, M. Riippi, and J. Henriksson**
 2001. Testing for prerequisites of local adaptation in an insect herbivore, *Epirrita autumnata*. *Ecosci. (Quebec)*, 8:26-31. [Finland]
- Antonova, E. M., and M. A. Klepikov**
 [2001]. Geometrid moths (Lepidoptera) of Yaroslavl area. *Russ. Ent. J. (Moscow)*, 9:79-90. [Russia] [in Russian]
- Beljaev, E. A., and S.-H. Oh**
 2001. New and little-known Geometrinae and Larentiinae from Korea, with description of a new species (Lepidoptera, Geometridae). *Ins. Koreana* (Chuncheon), 18:69-78.
- Bendib, A.**
 2001. Dorsal sex pheromone glands in female Geometridae (Lepidoptera: Geometridae): a new apomorphy of the family. *Eur. J. Ent. (Ceské Budějovice)*, 98:195-199.
- Bischof, A.**
 2001. Beitrag zur Kenntnis der Schmetterlingsfauna im Lürlbad ob Chur, 720 bis 1100 m ü M., Graubünden, Schweiz (Lepidoptera: Geometridae). *Opusc. Zool. Flumin.* (Flumserberg), 189:1-14. [Switzerland]
- Brou, V. A., Jr.**
 2001. The occurrence of *Nemoria extremaria* in Louisiana. *News So. Lepid. Soc. (Gainesville)*, 23(1):8. [USA]
- Busato, E., R. Tedeschi, and A. Alma**
 2001. Biology and larval morphology of *Peribatodes rhomboidarius* (Denis & Schiffermüller) (Lepidoptera Geometridae) on grapevine. *Redia (Florence)*, 83:11-21. (2000) [Italy] [in Italian]
- Choi, S.-W.**
 2001. Phylogeny of *Eulithis* Hübner and related genera (Lepidoptera: Geometridae), with an implication of wing pattern evolution. *Amer. Mus. Novit. (New York)*, 3318:1-37.
- Clifton, J.**
 2001. Another latticed heath *Chiasmia clathrata* (L.) ab. *obsoletissima* Cockayne (Lep.: Geometridae) at Holme Dunes, Norfolk. *Ent. Rec. J. Var. (Surrey)*, 113:208. [England]
- Darge, P.**
 2001. Contribution à l'étude de la faune entomologique de Bourgogne (deuxième note): quelques données sur les *Eupithecia*. *Bull. Soc. Ent. Mulhouse*, 57:51-55. [France]
- Duff, C. M., G. Gries, K. Mori, Y. Shirai, M. Seki, H. Takikawa, T. Sheng, K. N. Slessor, R. Gries, C. T. Maier, and D. C. Ferguson**
 2001. Does pheromone biology of *Lambdina athasaria* and *L. pellucidaria* contribute to their reproductive isolation? *J. Chem. Ecol. (New York)*, 27:431-422. [Canada]
- Embacher, G., A. Haslberger, and K. Murauer**
 2001. *Thera "variata" mugo* Burmann & Tarmann, 1983 neu für Bayern (Lepidoptera: Geometridae). *NachBl. Bayer. Ent. (Munich)*, 50:84-86. [Germany]
- Ferguson, D. C., and S.-W. Choi**
 2001. A new species of *Eulithis* Hübner (Lepidoptera: Geometridae) from California. *Proc. Ent. Soc. Washington*, 103:367-372. [USA]
- Füldner, K.**
 2001. Beobachtungen zum Verhalten der Raupen von *Campaea margaritata* (Linnaeus, 1767) (Lepidoptera: Geometridae). *Nachr. Ent. Ver. Apollo (Frankfurt)*, (n.s.) 22:174. [Germany]
- Gelbrecht, J.**
 2001. Zur weiteren Ausbreitung von *Stegania trimaculata* (de Villers, 1789) in Berlin und Umgebung (Lep., Geometridae). *Ent. Nachr. Ber. (Dresden)*, 44:284-286. (2000) [Germany]
- Hausmann, A.**
 2001. *The Geometrid Moths of Europe. Volume 1. Introduction: Archieariniae, Orthostixinae, Desmobaithriniae, Alsophilinae, Geometrinae. Stenstrup: Apollo Bks.* 282pp (8 pl.).
- Hausmann, A., and R. Trusch**
 2001. Proceedings of the Forum Herbulot 2001. Neotropical Geometridae: approaches to a modern concept of the geometrid system on genus and tribe level (8.3-9.3.2001). *Spixiana (Munich)*, 24:193-202.
- Hébert, C., R. Berthiaume, A. Dupont, and M. Auger**
 2001. Population collapses in a forested outbreak of *Lambdina fiscellaria* (Lepidoptera: Geometridae) caused by spring egg parasitism by *Telenomus* spp. (Hymenoptera: Scelionidae). *Environ. Ent. (Lanham)*, 30:37-43. [Canada]
- Hébert, C., L. Jobin, and R. Berthiaume**
2001. Changes in hemlock looper (Lepidoptera: Geometridae) pupal distribution through a 3-year outbreak cycle. *Phytoprot. (St. Jean-sur-Richelieu)*, 82(2):57-63. [Canada]
- Hecq, J.**
 2001. Au sujet de trois *Entephria* (Lepidoptera Geometridae). *Lambill. (Tervuren)*, 101:79-80. [France]
- Henwood, B. P.**
 2001a. Observations on the life history of *Paradarisa consonaria* (Hubner, 1799) (Lepidoptera: Geometridae). *Ent. Gaz. (Wallingford)*, 52:80. [England]
- 2001b. *Venusia cambrica* Curtis, 1839 (Lepidoptera: Geometridae) associated with *Betula*. *Ent. Gaz. (Wallingford)*, 52:116. [England]
- Howard, R. A.**
 2001. A new foodplant for *Hydrelia flammeolaria* (Hufnagel, 1767) (Lepidoptera: Geometridae). *Ent. Gaz. (Wallingford)*, 52:163-165. [England]
- Huisman, K. J., and R. de Vos**
 2001. *Eupithecia inturbata* new for the Netherlands (Lepidoptera: Geometridae). *Ent. Ber. (Amsterdam)*, 61:130-131. [in Dutch]
- Ikenoue, T.**
 2001. Larva of *Obeidia tigrata minima* Inoue (Geometridae). *Yugato (Niigata)*, 165:73-75. [Japan] [in Japanese]
- Kameda, M.**
 2001. *Eupithecia pseudassimilata* Viidalepp & Mironov (Geometridae) from Sarabetsu, Tokachi, Hokkaido. *Yugato (Niigata)*, 165:90. [Japan] [in Japanese]
- Kaneko, T.**
 2001a. Some adult behavior of *Amblychia insueta* (Butler) (Geometridae) in the daytime. *Yugato (Niigata)*, 165:77-78. [Japan] [in Japanese]
- 2001b. *Metabraxas paucimacula* (Inoue) (Geometridae) from Hamamaka, Hyogo Prefecture. *Yugato (Niigata)*, 166:114. [Japan] [in Japanese]
- Kim, S.-S., E. A. Beljaev, and S.-H. Oh**
 2001. *Illustrated Catalogue of Geometridae in Korea (Lepidoptera: Geometrinae, Ennominae)*. In *Insects of Korea. Vol. 8*. Chuncheon: Ctr. Insect Syst. 278pp.
- Leverton, R.**
 2001. Regional variation in the proportion of plain and banded forms of the riband wave *Idaea versata* (L.) (Lep.: Geometridae) in Great Britain. *Ent. Rec. J. Var. (Surrey)*, 113:145-151.
- Mironov, V.**
 2001. New and scarce European *Eupithecia* species (Geometridae). *Nota Lepid. (Karlsruhe)*, 24(1/2):21-28. [Europe]
- Mothiron, P.**
 2001. *Inventaire Commenté des Lépidoptères de l'Ile-de-France. II. Géomètres (Lepidoptera Geometridae)*. Paris: Alexanor. 164pp, 4 pl. (Vol. 21, Suppl.) [France]
- Murase, M.**
 2001a. An *Idaea* and an *Athetis* larvae found feeding on withered catkin of *Castanea* on the ground. *Japan Heteroc. J. (Tokyo)*, 213:243. [Japan] [in Japanese]
- 2001b. Larva of *Hydrelia bicauliata* Prout (Geometridae, Larentiinae). *Yugato (Niigata)*, 164:41-42. [Japan] [in Japanese]
- Nässig, W. A.**
 2001. Ein ungewöhnlicher "Forstspanner" in Mühlheim am Main im Januar 2001: *Idaea seriata* (Schrank, 1802) (Lepidoptera: Geometridae, Sterrhinae). *Nachr. Ent. Ver. Apollo (Frankfurt)*, (n.s.) 21:252. (2000) [Germany]
- Nagel, H., R. de Vos, and F. Post**
 2001. The return of *Euphyia unangulata* in the Netherlands (Lepidoptera: Geometridae). *Ent. Ber. (Amsterdam)*, 61:60-62. [in Dutch]
- Niitsu, S.**
 2001. Wing degeneration due to apoptosis in the female of the winter moth *Nyssiodes lefuarius* (Lepidoptera, Geometridae). *Ent. Sci. (Tokyo)*, 4:1-7. [Japan]
- Palmer, R. M., and C. W. N. Holmes**
 2001. Satin beauty *Deileptenia ribeata* (Clerck) (Lep.: Geometridae) new to north-east Scotland. *Ent. Rec. J. Var. (Surrey)*, 113:79.
- Romera, L., J. Cifuentes, J. Fernández, and J. L. Viejo**
 2001a. Contribución al conocimiento de los Geometridae de Madrid (España I: subfamilia Ennominae Guénée, 1845 (Insecta: Lepidoptera). *SHILAP Revta. Lepid. (Madrid)*, 29:43-64. [Spain]
- 2001b. Contribución al conocimiento de los Geometridae de Madrid (España II: subfamilias Oenochrominae Leech, 1815 y Sterrhinae Meyrick, 1892 (Insecta: Lepidoptera). *SHILAP Revta. Lepid. (Madrid)*, 29:93-114. [Spain]
- 2001c. Contribución al conocimiento de los Geometridae de Madrid (España)

- III: subfamilia Larentiinae Duponchel, 1845 (Insecta: Lepidoptera). *SHILAP Revta. Lepid.* (Madrid), 29:305-322. [Spain]
- Sato, R.**
- 2001a. Type-specimens of the Geometridae (Lepidoptera) described by Matsumura in the Hokkaido University insect collection, Japan. *Ins. Mats.* (Sapporo), (n.s.) 58:115-138.
 - 2001b. Revision of some geometrid species recorded from Sakhalin by Matsumura (1925), excluding his new taxa (Lepidoptera). *Ins. Mats.* (Sapporo), (n.s.) 58:139-143. [Japan]
- Sato, R., and Y. Kawakami**
- 2001. A new species of *Megabiston* Warren (Geometridae; Ennominae) from Japan. *Japan Heteroc. J.* (Tokyo), 214:259-263. [in Japanese]
- Schaffers, J.**
- 2001. Distribution and phenology of *Costaconvexa polygrammata* (Lepidoptera: Geometridae) in the Netherlands. *Ent. Ber.* (Amsterdam), 61:89-93. [in Dutch]
- Schönborn, C., and J. Kellner**
- 2001. Aktuelle Ergänzungen zur Geometridenfauna Sachsen-Anhalts (Lep.). *Ent. Nachr. Ber.* (Dresden), 44:259-262. (2000) [Germany]
- Seino, A.**
- 2001. Abundance of *Hesperumia babai* Sato (Geometridae) at Sasagami-mura, Niigata Pref. *Yugato* (Niigata), 166:112. [Japan] [in Japanese]
- Sihvonen, P.**
- 2001a. Revision of the *Scopula cajanderi* (Lepidoptera: Geometridae, Sterrhinae) species group with description of a new species. *Can. Ent.* (Ottawa), 133:467-486. [Canada, China, Russia]
 - 2001b. Everted vesicae of the *Timandra griseata* group: methodology and differential features (Geometridae, Sterrhinae). *Nota Lepid.* (Karlsruhe), 24(3):57-63. [China, Czech Rep., Finland, Russia]
- Smith, K. G. V.**
- 2001. Early appearance of the spring usher *Agriopsis leucophaearia* (D. & S.) (Lep.: Geometridae) in north London (Middlesex) in January. *Ent. Rec. J. Var.* (Surrey), 113:62. [England]
- Šmits, A., S. Larsson, and R. Hopkins**
- 2001. Reduced realised fecundity in the pine looper *Bupalus piniarius* caused by host plant defoliation. *Ecol. Ent.* (London), 26:417-424. [Sweden]
- Szőcs, G., I. S. Ötvös, and C. Sanders**
- 2001. *Erannis tiliaria* (Lepidoptera: Geometridae) males attracted to enantio-merically identical pheromone blend of *Erannis defoliaria*. *Can. Ent.* (Ottawa), 133:297-299. [Canada]
- Tammaru, T., M. Tanhuapää, K. Ruohomäki, and A. Vanatoa**
- 2001. Autumnal moth – why autumnal? *Ecol. Ent.* (London), 26:646-654. [Finland]
- Teder, T., and T. Tammaru**
- 2001. Large larvae of a flush-feeding moth (*Epirrita autumnata*, Lepidoptera: Geometridae) are not at a higher risk of parasitism: implications for the moth's life-history. *Eur. J. Ent.* (České Budějovice), 98:277-282. [Finland]
- Trusch, R., and S. Erlacher**
- 2001. On the morphology, distribution, bionomics and identification of *Dryscia* species (Lepidoptera, Geometridae: Ennominae). *Bonner Zool. Monog.* (Bonn), 49:1-115. [Palearctic] [in German]
- Trusch, R., and B. Müller**
- 2001. Zur Geometridenfauna des Dahar-Berglandes in Süd-Tunesien (Lepidoptera: Geometridae). *Ent. Zeit.* (Stuttgart), 111:133-140. [Tunisia]
- Vasilenko, S. V.**
- 2001. New and rare geometer-moths (Lepidoptera, Geometridae) from the Altai. *Zool. Zhurn.* (Moscow), 80:538-544. [Russia] [in Russian]
- Wagner, D. L., D. C. Ferguson, T. L. McCabe, and R. C. Reardon**
- 2001. *Geometroid Caterpillars of Northeastern and Appalachian Forests*. Washington: USDA, For. Serv. (FHTET-2001-10). 239pp. [USA]
- Waring, P.**
- 2001a. Juniper carpet *Thera juniperata* (L.) (Lep.: Geometridae) in Juniper Valley, Aston Upthorpe, Oxfordshire. *Ent. Rec. J. Var.* (Surrey), 113:78. [England]
 - 2001b. Larvae of the scarce tissue *Rheumaptera cervicalis* (Scop.) (Lep.: Geometridae) at Charlton-on-Otmoor, Oxfordshire. *Ent. Rec. J. Var.* (Surrey), 113:91-92. [England]
 - 2001c. Observations of the egg-laying behaviour of the argent and sable moth *Rheumaptera hastata* (L.) (Lep.: Geometridae). *Ent. Rec. J. Var.* (Surrey), 113:143-144. [England]
- West, B. K.**
- 2001. *Chloroclysta truncata* Hufn. (Lep.: Geometridae): a remarkable increase in the incidence of f. *rufescens* Strom. at Dartford. *Ent. Rec. J. Var.* (Surrey), 113:157-160. [England]
- GRACILLARIIDAE**
- Bond, K. G. M.**
- 2001. *Phyllocnistis unipunctella* (Stephens, 1834) (Lepidoptera: Gracillariidae, Phyllocnistinae) and *Coleophora salicorniae* Heinemann & Wocke, 1876 (Lepidoptera: Coleophoridae) new to Ireland and first confirmed Irish record of *Stenoptilia zophodactylus* (Duponchel, 1840) (Lepidoptera: Pterophoridae). *Ent. Gaz.* (Wallingford), 52:208.
- Conrad, R.**
- 2001. Die Robinien-Miniermotte, *Phyllonorycter robiniella* (Clemens, 1859), auch in Sachsen-Anhalt, Sachsen und Thüringen (Lep.). *Ent. Nachr. Ber.* (Dresden), 45:198. [Germany]
- Davis, D. R., and G. Deschka**
- 2001. Biology and systematics of the North American *Phyllonorycter* leafminers on Salicaceae, with a synoptic catalog of the Palearctic species (Lepidoptera: Gracillariidae). *Smithson. Contr. Zool.* (Washington), 614:1-89.
- De Prins, W., and F. Groenen**
- 2001. *Phyllonorycter robiniella*, een nieuwe soort voor de Belgische fauna (Lepidoptera: Gracillariidae). *Phegea* (Antwerp), 29:159-160.
- Dimič, N., P. Perić, and B. Magud**
- [2001]. *Phyllonorycter medicaginella* Gerasimov, 1930 (Lepidoptera, Gracillariidae), new species in the entomofauna of Yugoslavia. *Zast. Bilja* (Belgrade), 50:267-279. (1999) [in Serbian]
- Ellis, W. N., J. H. Kuchlein, and E. Mueleman-ten B.**
- 2001. The relation between stand vitality and leaf miner density in beech and common oak. *Ent. Ber.* (Amsterdam), 61:1-13. [Netherlands]
- Fujihara, J., H. Sato, and T. Kumata**
- 2001. The pupal cremaster as a diagnostic character for species of *Phyllonorycter* (Lepidoptera: Gracillariidae), with description of w new species of the *nipponicella* complex from Japan. *Ins. Syst. Evol.* (Copenhagen), 31:387-400. (2000)
- Furniss, M. M., E. H. Holsten, M. J. Foote, and M. Bertram**
- 2001. Biology of a willow leafblotch miner, *Micrurapteryx salicifoliella* (Lepidoptera: Gracillariidae) in Alaska. *Environ. Ent.* (Lanham), 30:736-741. [USA]
- Guillén, M., D. R. Davis, and J. M. Heraty**
- 2001. Systematics and biology of a new, polyphagous species of *Marmara* (Lepidoptera: Gracillariidae) infesting grapefruit in the southwestern United States. *Proc. Ent. Soc. Washington*, 103:636-654. [USA]
- Kagata, H., and T. Ohgushi**
- 2001. Resource partitioning among three willow leaf miners: consequence of host plant phenology. *Ent. Sci.* (Tokyo), 4:257-263. [Japan]
- Kuznetsov, V. I., and S. V. Baryshnikova**
- 2001. A review of Palaeartic genera of the gracillariid moths (Lepidoptera, Gracillariidae), with description of a new subfamily *Orniolinae* Kuznetsov et Baryshnikova, subfam. n. *Ent. Obozr.* (Moscow), 80:96-120. [in Russian]
- Leraut, P. J. A.**
- 2001. *Cameraria ohridella* Deschka & Dimic, 1986, à Paris (Lepidoptera, Gracillariidae). *Nouv. Rev. Ent.* (Paris), (n.s.) 18:53-60. [France]
- Maceljski, M., and A. Mesić**
- 2001. *Phyllonorycter robiniella* Clemens: a new insect pest in Croatia. *Agric. Conspec. Scient.* (Zagreb), 66:225-230.
- Nieuwerkerk, E. J. van**
- 2001. *Cameraria ohridella* advances to the west. *Ent. Ber.* (Amsterdam), 61: 200-201. [Netherlands] [in Dutch]
- Nuss, M., and A. Stübner**
- 2001. Aktuelle Daten zur Fauna der Lithocolletinae in Sachsen (Lep., Gracillariidae). *Ent. Nachr. Ber.* (Dresden), 44:225-228. (2000) [Germany]
- Park, Y.-M., and G. S. Lee**
- 2001. A new record of *Caloptilia schisandrae* Kumata (Lepidoptera, Gracillariidae) from Korea. *Ins. Koreana* (Chuncheon), 18:91-93.
- Patočka, J.**
- 2001a. On the pupae of the central and western European Phyllocnistinae (Lepidoptera: Gracillariidae). *Ent. Ber.* (Amsterdam), 61:142-146. [in Dutch]
 - 2001b. On the pupae of the central and western European Gracillariinae (Lepidoptera: Gracillariidae). *Ent. Ber.* (Amsterdam), 61:157-164. [in Dutch]
- Prins, W. De, and J. De Prins**
- 2001. The occurrence of *Cameraria ohridella* in Belgium (Lepidoptera: Gracillariidae). *Phegea* (Antwerp), 29:81-88.
- Šefrova, H., and Z. Laštůvka**
- 2001. Dispersal of the horse-chestnut leafminer, *Cameraria ohridella* Deschka

- & Dimić, 1986, in Europe: its course, ways and causes (Lepidoptera: Gracillariidae). *Ent. Zeit.* (Stuttgart), 111:194-198.
- Trimble, R. M.**
2001. Interaction of photoperiod and temperature in the regulation of pre-diapause development in the spotted tentiform leafminer (Lepidoptera: Gracillariidae). *Can. Ent.* (Ottawa), 133:251-253. [Canada]
- HEPIALIDAE**
- Maron, J. L.**
2001. Intraspecific competition and subterranean herbivory: individual and interactive effects on bush lupine. *Oikos* (Copenhagen), 92:178-186. [USA]
- Wang, L.-Y., J.-J. Zheng, and J.-Y. Chen**
2001. A new species of *Bipectilus* from China (Lepidoptera: Hepialidae). *Acta Ent. Sinica* (Beijing), 44:348-349. [in Chinese]
- HESPERIIDAE**
- Benyamin, D., and M. Avni**
2001. *Muschampia proteides stepporum* subsp. nov. from the steppe belts of eastern Israel and western Jordan (Lepidoptera: Hesperiidae). *Linn. Belg.* (Beersel), 18:45-54.
- Burns, J. M.**
2001. Valeriana skipper: how its scientific name changed from *Thorybes valeriana* to *Codotrichus mysie*. *Amer. Butt.* (Morristown), 9(1):36-37. [USA]
- Lind, E. M., M. T. Jones, J. D. Long, and M. R. Weiss**
2001. Ontogenetic changes in leaf shelter construction by larvae of *Epargyreus clarus* (Hesperiidae), the silver-spotted skipper. *J. Lepid. Soc.* (Los Angeles), 54:77-82. (2000) [USA]
- Pe'er, G.**
2001. *Convolvulus betonicifolius*, a new host plant of *Spialia doris* in Israel. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):11. [in Hebrew]
- De Prins, W.**
2001. Interesting records of Lepidoptera in Belgium in 2000 (Lepidoptera). *Phegea* (Antwerp), 29:29-32. [in Flemish]
- Rákosy, L., and Z. Varga**
2001. *Carcharodus orientalis* Reverdin, 1913 (Hesperiidae) und *Melitaea (punica) telona* Fruhstorfer, 1908 (Nymphalidae) (Lepidoptera) in der Fauna Româniens. *Ent. Rom.* (Cluj), 5:45-49. (2000) [Romania]
- Summerville, K. S., and T. O. Crist**
2001. Effects of experimental habitat fragmentation on patch use by butterflies and skippers (Lepidoptera). *Ecol.* (Washington), 82:1360-1370. [USA]
- HETEROCHERA**
- Aston, A.**
- 2001a. Fifth update of early emergences of moths at Selbourne, Hampshire. *Ent. Rec. J. Var.* (Surrey), 113:29-30. [England]
- 2001b. Sixth update of early emergences of moths at Selbourne, Hampshire. *Ent. Rec. J. Var.* (Surrey), 113:87-91. [England]
- 2001c. Seventh update of early emergences of moths at Selbourne, Hampshire. *Ent. Rec. J. Var.* (Surrey), 113:181-184. [England]
- Bakke, A., L. Aarvik, and K. Berggren**
2001. Diversity index of nocturnal Macrolepidoptera applied to vegetation zones in Norway. *Norw. J. Ent.* (Oslo), 48:121-128.
- Baran, T., B. A. Bengtsson, and O. Karsholt**
2001. New for the Polish fauna and rare Microlepidoptera (Lepidoptera) from the Białowieża Forest. *Polsk. Pismo Ent.* (Gdynia), 70:202-210. [Poland]
- Beshkov, S.**
2001. Nocturnal and day-flying moths (Macrolepidoptera, excluding Hesperioidea & Papilioidea) of Kresna Gorge, SW Bulgaria. In P. Beron (ed.), *Biodiversity of Kresna Gorge (SW Bulgaria)*, 255-287. Sofia: Natl. Mus. Nat. Hist. [in Bulgarian]
- Bischof, A.**
2001. Verzeichnis der Schmetterlingsfauna des Naturschutzgebietes "Veier" bei Bonaduz, Graubünden, Schweiz, 1999 bis 2000 (Lepidoptera: Hepialoidea, Coccoidea, Zygaenoidea, Lasiocampoidea, Bombycoidea, Drepanoidea, Geometroidea, Noctuoidea). *Opusc. Zool. Flumin.* (Flumserberg), 194:1-18. [Switzerland]
- Bülte, R.**
2001. Die Kleinschmetterlinge (Microlepidoptera) im Flugjahr 2000. *Atalanta* (Munich), 32:373-378. [Germany]
- Buhl, O., P. Falck, B. Jørgensen, O. Karsholt, K. Larsen, and F. Vilhelmsen**
2001. Records of microlepidoptera from Denmark in 2000. *Ent. Medd.* (Copenhagen), 69:69-79. [in Danish]
- Butler, L., V. Kondo, and J. Strazanac**
2001. Light trap catches of Lepidoptera in two central Appalachian forests. *Proc. Ent. Soc. Washington*, 103:879-902. [USA]
- Covell, C. V., Jr., L. D. Gibson, and D. J. Wright**
2001. New state records and new available names for species of Kentucky moths (Insecta: Lepidoptera). *J. Ky. Acad. Sci.* (Lexington), 61:105-107. [USA]
- Denton, J. S.**
2001. Notes on some wetland Lepidoptera in Surrey. *Br. J. Ent. Nat. Hist.* (London), 14:84. [England; Choreutidae, Geometridae, Glyphipterigidae]
- Ellis, M. J.**
2001. Lepidoptera new to Somerset in 2000. *Ent. Rec. J. Var.* (Surrey), 113:9. [England]
- Fukumoto, H., and H. Kajimura**
2001. Guild structures of seed insects in relation to acorn development in two oak species. *Ecol. Res.* (Carlton, Ont.), 16:145-155. [Tortricidae; Japan]
- Gilmore, D.**
2001. Records of *Phyllonorycter leucographella* (Zell.) (Lep: Gracillariidae), *Aethes beatricella* (Wals.) and *Cydia fagiglandana* (Zell.) (Lep: Tortricidae) in S. Wales. *Brit. J. Ent. Nat. Hist.* (Reading), 14:236. [England]
- Graf, F., H. Leutsch, M. Nuss, A. Stübner, R. Sutter, and S. Wauer**
2001. Aktuelle Daten zur Kleinschmetterlingsfauna von Sachsen mit Hinweisen zu anderen Bundesländern (Lepidoptera). *Ent. Nachr. Ber.* (Dresden), 45:89-96. [Germany]
- Gutierrez, D., J. L. Leon-C., R. Menendez, R. J. Wilson, M. J. R. Cowley, and C. D. Thomas**
2001. Metapopulations of four lepidopteran herbivores on a single host plant, *Lotus corniculatus*. *Ecol.* (Washington), 82:1371-1386. [Hesperiidae, Lycaenidae, Zygaenidae] [Spain]
- Heckford, R. J.**
2001. *Antennaria dioica* (L.) Gaertner, a food source for adult Microlepidoptera? *Ent. Gaz.* (Wallingford), 52:49. [England]
- Huisman, K. J., J. C. Koster, E. J. van Nieuwerkerken, and S. A. Ulenberg**
2001. New and interesting Microlepidoptera from the Netherlands in the year 1999 (Lepidoptera). *Ent. Ber.* (Amsterdam), 61:169-199. [in Dutch]
- Ikenoue, T.**
2001. Investigation of moths visiting flowers of *Pieris japonica* (Ericaceae), with reference to their role as pollinators. *Yugato* (Niigata), 163:7-14. [Japan] [in Japanese]
- Jüngling, H.**
2001. Second contribution to the knowledge of the moth fauna of Valais (Lepidoptera, Heterocera). *Mitt. Ent. Gesell. Basel*, 50:134-142. (2000) [in German] [Switzerland]
- Kameda, M.**
2001. Moths of Sizukari-sitsugen, Oshamanbe, Hokkaido III. *Yugato* (Niigata), 164:43-48. [Japan] [in Japanese]
- Knill-Jones, S. A.**
2001. Lepidoptera new to the Isle of Wight (VC 10) in 2000. *Ent. Rec. J. Var.* (Surrey), 113:43. [England]
- Kogi, H.**
2001. Moths feeding on *Quercus dentata* Thunb. as larvae in Hokkaido I. *Japan Heteroc. J.* (Tokyo), 212:232-234. [Japan] [in Japanese]
- Koryszko, J.**
2001. Thistle ermine *Myelois circumvoluta* (Geoff.) (Pyralidae), blackneck *Lygephila pastinum* (Tr.) (Noctuidae) and convolvulus hawk-moth *Agrius convolvuli* (L.) (Sphingidae): three interesting Staffordshire moths (Lepidoptera). *Ent. Rec. J. Var.* (Surrey), 113:281-282. [England]
- Kruus, M., and J. Viidalepp**
2001. Continuous trapping of nocturnal Macrolepidoptera in Estonia, 1995-1998: primary results. *Norw. J. Ent.* (Oslo), 48:175-180.
- Kusunoki, Y.**
2001. Records of migrant moths from the central part of Hokkaido in 2000. *Yugato* (Niigata), 163:17-32. [Japan] [in Japanese]
- Leverton, R.**
2001. *Enjoying Moths*. London: T. & A. D. Poyser. 276pp.
- Langmaid, J. R., and M. R. Young**
2001. Microlepidoptera review of 2000. *Ent. Rec. J. Var.* (Surrey), 113:241-254. [England]
- Murase, M.**
2001. Larval notes on some moths taken in Aichi Prefecture. *Yugato* (Niigata), 163:34. [Japan] [in Japanese]
- Nel, J.**
2001. Espèces nouvelles ou rarement signalées de microlépidoptères des Alpes méridionales françaises (Lepidoptera, Alucitidae, Gelechiidae, Elachistidae, Ochsenheimeriidae). *Bull. Soc. Ent. Fr.* (Paris), 106:101-104.

- [France]
- Nyst, R. H.**
2001. Hétérocères du Brabant. Deuxième contribution à la liste des lépidoptères de cette province (Lepidoptera). *Phegea* (Antwerp), 29:35-40. [Belgium]
- Oh, K.-S., Y.-S. Bae, and J.-D. Park**
2001. Moth pests of *Quercus* (Fagaceae) cone. *Korean J. Ent.* (Seoul), 31:221-224. [Blastobasidae, Oecophoridae, Tortricidae] [Korea] [in Korean]
- Owada, M., Y. Arita, and U. Jinbo**
2001. Moths of the garden of the Institute for Nature Study, Tokyo, central Japan. *Rep. Inst. Nature Stud.* (Tokyo), 33:251-280. [in Japanese]
- Park, K.-T., L. Ronkay, L. Przybylowicz, A. Kun, and L. Peregovits**
2001. *Moths of North Korea (Lepidoptera, Heterocera, Macrolepidoptera-parts)*. In *Insects of Korea*. Vol. 7. Chuncheon: Ctr. Ins. Syst. 441pp.
- Parsons, M. S.**
2001. The European status of the UK biodiversity action plan moths. *Ent. Rec. J. Var.* (Surrey), 113:49-62.
- Patton, S.**
2001. Moth trapping at Kingsman, West Sussex, 2000. *Ent. Rec. J. Var.* (Surrey), 113:116-117. [England]
- Plant, C. W.**
- 2001a. More early emergences of moths. *Ent. Rec. J. Var.* (Surrey), 113:63-64. [England]
- 2001b. More on the changing voltinism of Hertfordshire's moths. *Ent. Rec. J. Var.* (Surrey), 113:202-203. [England]
- Pljushch, I. G., and I. V. Dolinskaya**
2001. The features of chorionic surface structures of some species of Saturniidae, Brahmaeidae and Sphingidae of Far East Russia (Lepidoptera, Bombycoidea). *Lambill.* (Tervuren), 101:11-22.
- Pröse, H.**
2001. Neue Ergebnisse zur Fainistik der "Microlepidoptera" in Bayern. Vierter Beitrag (Insecta, Lepidoptera). *Nachbl. Bayer. Ent.* (Munich), 50:51-65. [Germany]
- Powell, D.**
2001. Additions and corrections to macrolepidoptera in Landau and Powell 1999 (a & b), partial checklists of moths from longleaf pine savannas and mesophytic hardwood forests in Louisiana. *Trans. Amer. Ent. Soc.* (Philadelphia), 127:239-244. [USA]
- Radtke, A.**
2001. Die Nachtfalterfauna von Giessen im Wandel der Zeit. II. Noctuidae (Eulenfalter) (Lepidoptera). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 21:213-234. (2000) [Germany]
- Richert, A.**
2001. Spinner und Schwärmer. In *Die Großschmetterlinge (Macrolepidoptera) der Diluviallandschaften um Eberswalde*. Teil II. Eberswalde: Deut. Ent. Inst. 80pp. [Germany]
- Rings, R. W., and L. F. Rings**
- 2001a. Moth collecting in central Florida. Part II. Incurvariidae to Pyralidae (part). *So. Lepid. News* (Gainesville), 23:24-28. [USA]
- 2001b. Moth collecting in central Florida Part III. Pyralidae (second section). *So. Lepid. News* (Gainesville), 23:39-42. [USA]
- 2001c. Moth collecting in central Florida. Part IV. Pyralidae (third part) to Arctiidae. *So. Lepid. News* (Gainesville), 23:64-67. [USA]
- Rogard, J.**
2001. Interesting records from Gironde, France - 5th note (Lepidoptera, Drepanidae, Geometridae, Noctuidae). *Bull. Soc. Linn. Bordeaux*, 29:91-94. [in French]
- Rydell, J., J. Fagerstrom, S. Andersson, G. Gamberale-Stille, M. Gelang, W. C. Lancaster, M. G. E. Svensson, and B. S. Tullberg**
2001. Convergence in wing coloration between orange underwing moths (*Archiearis* spp.) and tortoiseshell butterflies (*Aglais* spp.). *Ent. Fenn.* (Helsinki), 12:65-71. [Geometridae, Nymphalidae] [Sweden]
- Sasaki, A.**
2001. Bibliography of the moth fauna of Akita Prefecture. Supplement 4. *Yugato* (Niigata), 166:109-111. [Japan] [in Japanese]
- Spitzer, K., and J. Jaroš**
2001. Moth and butterfly fauna (Lepidoptera) of the Chalupská Slat bog, Šumava Mountains. *Sbom. Jih. Muz. Cesk. Budejov. Prir. Ved.* (České Budějovice), 41:43-55. [Czech Rep.]
- Svensson, I.**
2001. Remarkable records of Microlepidoptera in Sweden 2000. *Ent. Tidskr.* (Stockholm), 122:61-68. [in Swedish]
- Takahashi, M., and K. Umetsu**
2001. Newly recorded and little known moths in Akita Prefecture. *Yugato* (Niigata), 164:49-52. [Japan] [in Japanese]
- Tremewan, W. G.**
2001. Interesting Microlepidoptera in West Cornwall (V.C. 1). *Ent. Gaz.* (Wallingford), 52:262. [England]
- Vives-M., A.**
2001. Contribución al conocimiento de los microlepidópteros de España, con la descripción de ocho nuevas especies para la ciencia (Insecta: Lepidoptera). *SHILAP Revta. Lepid.* (Madrid), 29:165-178. [Spain]
- Waring, P.**
2001. Some moth conservation news updates. *Ent. Rec. J. Var.* (Surrey), 113:121-129. [England]
- HYBLAEIDAE**
- Kameda, M.**
2001. *Hyblaea fortissima* Butler (Hyblaeidae) taken from the southern part of Hokkaido. *Yugato* (Niigata), 165:94. [Japan] [in Japanese]
- LASIOCAMPIDAE**
- Blatt, S. E., D. A. Knox, and R. Harmsen**
2001. Apple or cherry? Host selection quandary for the eastern tent caterpillar. *Proc. Ent. Soc. Ontario* (Ottawa), 131:123-131. (2000) [Canada]
- Fortin, M., and Y. Mauffette**
2001. Forest edge effects on the biological performance of the forest tent caterpillar (Lepidoptera: Lasiocampidae) in sugar maple stands. *Ecosci.* (Quebec), 8:164-172. [Canada]
- Lewandowski, S.**
2001. *Lasiocampa terreni* (Herrich-Schäffer, 1847) — Bestätigung des Artstatus und Beschreibung der Präimaginalstadien (Lepidoptera: Lasiocampidae). *Ent. Zeit.* (Stuttgart), 111:43-46. [Cyprus]
- Parry, D., R. A. Goyer, and G. L. Lenhard**
2001. Macrogeographic clines in fecundity, reproductive allocation, and offspring size of the forest tent caterpillar, *Malacosoma disstria*. *Ecol. Ent.* (London), 26:281-291. [USA]
- Ruf, C., J. T. Costa, and K. Fiedler**
2001. Trail-based communication in social caterpillars of *Eriogaster lanestris* (Lepidoptera: Lasiocampidae). *J. Ins. Behav.* (New York), 14:231-245. [Germany]
- Ruf, C., B. Kornmaier, and K. Fiedler**
2001. Continuous long-term monitoring of daily foraging patterns in three species of lappet moth caterpillars (Lasiocampidae). *Nota Lepid.* (Karlsruhe), 24(3):87-99. [Germany]
- LEPIDOPTERA**
- Aistleitner, E., and U. Aistleitner**
2001. Weitere Notizen zur Lepidopterenfauna von Pantelleria, den Pelagischen und Ägadischen Inseln (Italien, Sizilien). *Zeit. Arbeitsgem. Österr. Ent.* (Vienna), 53:93-100. [Italy]
- Aumayr, S.**
- [2001]. Reisebericht über zwei Skandinaviereisen 1994 und 1995. *Mitt. Ent. Arbeitsgem. Salzkammergut* (Bad Ischl), 3:147-149. (2000) [Scandinavia]
- Barclay, M., I. Menzies, K. Page, A. D. Prowse, I. F. Swinney, and K. J. Willmott**
2001. Survey of Bookham Common: fifty-ninth year progress report for 2000. *London Nat.*, 80:181-192. [England]
- Beck, A.**
2001. Schmetterlingsbeobachtungen auf der kanarischen Insel El Hierro. *Ent. Zeit.* (Stuttgart), 111:299-304. [Canary Is.]
- Bellmann, H.**
2001. *Schmetterlinge, Erkennen & Bestimmen*. In *Steinbachs Naturführer*. Munich: Mosaik. 191pp, 1 folded pl. [Germany]
- Beshkov, S.**
- 2001a. Lepidoptera species (Macrolepidoptera) recorded and reported from the western Stara Planina Mountain, NW Bulgaria. *Ent. Rom.* (Cluj), 5:11-43. (2000)
- Bischof, A.**
2001. Beitrag zur Kenntnis der Schmetterlingsfauna im Lürlibad ob Chur, 720 bis 1100 m ü. M., Graubünden, Schweiz: Nachtrag 1988 bis 2000 (Lepidoptera). *Opusc. Zool. Flumin.* (Flumserberg), 189:15-22. [Switzerland]
- Brusseaux, G., J. Tayolle, and R. Tayolle**
2001. Contribution à la connaissance de la faune du Gard. Inventaire des lépidoptères des gorges de la Cèze et des plateaux environments (Lepidoptera Rhopalocera et Heterocera). *Alexanor* (Paris), 21:165-190. (1999) [France]
- Chudzicka, E., E. Skibińska, and M. Janoszek**

2001. The invertebrate fauna of Góry Stolowe National Park, its specificity and value. *Frag. Faun.* (Warsaw), 44:1-12, [Poland]
- Cosgriff, R. J., and J. K. Tucker**
2001. The arthropods of an early sand prairie sere. *Trans. Ill. St. Acad. Sci.* (Springfield), 94:79-87. [USA]
- Coutsis, J. G.**
2001. Skippers, butterflies, burnets and harvesters from the Greek island of Límnos, a skipper new to the Greek island of Santorini and two butterflies new to the Greek island of Síros (Lepidoptera: Hesperioidae, Papilionoidea, Zygaenoidea). *Phegea* (Antwerp), 29:9-17. [Greece]
- Dapkus, D.**
2001. Macrolepidoptera of Lithuanian peatbogs. *Norw. J. Ent.* (Oslo), 48:161-166. [Lithuania]
- De Vriese, M.**
2001. Interesting observations of Lepidoptera in Greece. *Phegea* (Antwerp), 29:19-28. [in Flemish]
- Godfrey, A., and P. F. Whitehead**
2001. The Diptera, Coleoptera and other invertebrates recorded from oak sap-flows at Brayton Barff, North Yorkshire. *Br. J. Ent. Nat. Hist.* (London), 14:65-84. [England]
- Hacker, H. H., F. Aulombard, A. Bischof, J. Bittermann, M. Fibiger, and H.-P. Schreier**
2001. Lepidoptera of Yemen Arab Republic, collected during three expeditions in 1996, 1998 and 2000. *Esperiana* (Staffelstein), 8:597-632.
- Hanssen, U.**
2001. Faunistic-ecological studies of Rhopalocera, Zyginaeidae and Orthopteroidea as a contribution to the development of nature reserve concepts for a north German agricultural landscape. *Faun.-Ökol. Mitt. Suppl.* (Neumünster), 29:1-124. [in German]
- Hennicke, M.**
2001. Besonderheiten bei Flugzeiten von Großschmetterlingen (Lep.) im Landkreis Uecker-Tandow (Mecklenburg-Vorpommern). *Ent. Nachr. Ber.* (Dresden), 45:19-26. [Germany]
- Heppner, J. B.**
2001a. Lepidoptera catalogs in North America. *Lepid. News* (Gainesville), 2000(4):1, 4-9. (2000)
2001b. Lepidoptera notes in Philip Gosse's *Letters from Alabama*, 1838. *Lepid. News* (Gainesville), 2001(1):8-25. [USA]
- Jakšić, P., and G. Ristić**
2001. New and rare species of Lepidoptera in Yugoslavia. *Acta Ent. Serbica* (Belgrad), 4:63-74. (1999)
- Jensen, J.-K.**
2001. An invasion of migrating insects (Syrphidae and Lepidoptera) on the Faroe Islands in September 2000. *Norw. J. Ent.* (Oslo), 48:263-267.
- Köhler, J., and K.-H. Müller-Köllges**
2001. Bemerkenswerte und aktuelle Beobachtungen von Wanderfaltern im Hannoverschen Wendland (Landkreis Lüchow-Dannenberg) (Lepidoptera: Nymphalidae, Sphingidae, Noctuidae). *Atalanta* (Munich), 32:395-398. [Germany]
- König, F., and M. Weidlich**
2001. Zur Schmetterlingsfauna des Banater Karstgebietes in südwestrumänen (Lepidoptera). *Esperiana* (Staffelstein), 8:532-746. [Romania]
- Köstler, W.**
2001. Zur Macrolepidopterenfauna der Südtürkei im Monat November (Insecta, Lepidoptera). *Atalanta* (Munich), 32:233-244. [Turkey]
- Kuznetsov, V. I., and A. A. Stekolnikov**
2001. New approaches to the system of Lepidoptera of world fauna (on the base of the functional morphology of abdomen). *Proc. Zool. Inst., Russ. Acad. Sci.* (St. Petersburg), 282:1-462. [in Russian]
- Lässig, A., T. Brockhaus, and R. Küttner**
2001. Einige interessante Insektennachweise aus dem Raum Rochlitz und Colditz (Lepidoptera, Odonata, Ephemeroptera, Trichoptera). *Ent. Nachr. Ber.* (Dresden), 44:279-283. (2000) [Germany]
- Ler, P. A. (ed.)**
2001. *Keys to the Insects of Russian Far East. Vol. 5. Trichoptera and Lepidoptera. Part 3.* Vladivostok: Dal Nauka. 620pp.
- Löbel, H., D. Stadie, and T. Drechsel**
2001. Beitrag zur Lepidopterenfauna Syriens. *Esperiana* (Staffelstein), 8:507-514, pl. 24. [Syria]
- Lichtenberger, F.**
2001. Beitrag zur Schmetterlingsfauna der "Feuchten Ebene" südöstlich von Wien. Teil II: Die Seiherwiesen bei Wienerherberg (Lepidoptera). *Zeit. Arbeitsgem. Österr. Ent.* (Vienna), 53:65-91. [Austria]
- Luquet, G. C.**
2001. Bref complément à l'inventaire des Lépidoptères du site de Bajolet (Essonne) (Insecta Lepidoptera). *Alexanor* (Paris), 255-256.
- Mothiron, P.**
2001. Contribution à la connaissance de l'entomofaune d'un site francilien remarquable: les étangs de Bajolet, à Forges-les-Bains (Essonne) (Insecta Lepidoptera). *Alexanor* (Paris), 251-255. (1999) [France]
- Ortner, S., and N. Pöll**
[2001]. Die Makrolepidopterenfauna des westlichen Toten Gebirges unter besonderer Berücksichtigung des Rettenbachtales von Bad Ischl (OÖ). Bis zum Loser/Altaussee (Stmk.). *Mitt. Ent. Arbeitsgem. Salzkammergut* (Bad Ischl), 3:1-21. (2000) [Austria]
- Oswald, R.**
2001a. Die Schmetterlinge des Landkreises Garmisch-Partenkirchen im 20. Jahrhundert (Lepidoptera, Rhopalocera, Macroheterocera). *NachBl. Bayer. Ent.* (Munich), 50:5-29. [Germany]
2001b. Schmetterlingsraupen an Zier- und Nutzpflanzen im Stadtbereich München (Lepidoptera). *NachBl. Bayer. Ent.* (Munich), 50:177-179. [Germany]
- Palmqvist, G.**
2001. Remarkable records of Macrolepidoptera in Sweden 2000. *Ent. Tidskr.* (Stockholm), 122:41-55. [in Swedish]
- Pascarella, J. B., K. D. Waddington, and P. R. Neal**
2001. Non-apoid flower-visiting fauna of Everglades National Park, Florida. *Biodiv. Conserv.* (Amsterdam), 10:551-566. [USA]
- Pratt, C. R.**
2001. A UK perspective of immigrant Lepidoptera in Europe: a comparison of migratory species on the continental mainland with those of Great Britain and its county of Sussex. *Atalanta* (Munich), 32:3-49.
- Pröse, H.**
2001. Schmetterlinge als Charakterarten in gefährdeten oder vom Aussterben bedrohten Pflanzengesellschaften im mittelmainischen Weinaugebiet. *Galathea* (Nuremberg), 17:157-176. [Germany]
- Rallo, G., and M. Uliana**
2001. Notes on some Lepidoptera from Valle Averto (Venice Lagoon) and the Venetian mainland (NE-Italy). *Boll. Mus. Civ. Stor. Nat. Venezia*, 52:103-112. [in Italian]
- Redondo, V. M., J. Blasco-Z., and G. E. King**
2001. Macrolepidopteros de un sabinar de *Juniperus thurifera* L. en Los Monegros, Zaragoza, España (Insecta: Lepidoptera). *SHILAP Revta. Lepid.* (Madrid), 29:323-370. [Spain]
- Rydell, J., H. Roininen, K. W. Philip, and A. Karhu**
2001. Lepidoptera collected in the Canadian Arctic during the Tundra Northwest 99 Expedition. *Ent. Fenn.* (Helsinki), 12:131-138. [Canada]
- Ryrholm, N., and A. Ohlsson**
2001. Interesting records of Lepidoptera in the taiga- and tundra regions of Sweden 2000. *Ent. Tidskr.* (Stockholm), 122:33-38. [in Swedish]
- Simonsen, T. J.**
2001. The wing vestiture of the non-ditrysian Lepidoptera (Insecta). Comparative morphology and phylogenetic implications. *Acta Zool.* (Stockholm), 82:275-298.
- Strazanac, J. S., C. D. Plaugh, T. R. Petrice, and L. Butler**
2001. New Tachinidae (Diptera) host records of eastern North American forest canopy Lepidoptera: baseline data in a *Bacillus thuringiensis* variety *kurstaki* nontarget study. *J. Econ. Ent.* (Lanham), 94:1128-1134. [USA]
- Summerville, K. S., E. H. Metzler, and T. O. Crist**
2001. Diversity of Lepidoptera in Ohio forests at local and regional scales: how heterogeneous is the fauna? *Ann. Ent. Soc. Amer.* (Lanham), 94:583-591. [USA]
- Taeger, A., and R. Gaedike**
2001. On the papers "Systema Glossatorum..." of Fabricius (1807) and "Die neueste Gattungs-Eintheilung der Schmetterlinge..." of Illiger (1807) and the consequences for authorship of several generic names. *Nota Lepid.* (Karlsruhe), 24(1/2):85-88.
- Terrier, M. R.**
2001. Les papillons diurnes du Parc national d'Ifrane (Maroc): biodiversité, affinités écologiques et conservation (Papilionoidea et Zygaeninae). *Linn. Belg.* (Beersel), 18:161-170. [Morocco]
- Vanholder, B.**
2001. Trekvlinders in 2000, zeventiende jaarverslag (Lepidoptera). *Phegea* (Antwerp), 29:41-62. [Belgium]
- Weidlich, M.**
2001. Eine Lepidopterenausbeute von der Insel Madeira (Portugal) im neuen Jahrtausend (Lep.: Psychidae, Sphingidae, Rhopalocera, Geometridae, Noctuidae, Arctiidae). *Esperiana* (Staffelstein), 8:715-731.
- Wheeler, W. C., M. Whiting, Q. D. Wheeler, and J. M. Carpenter**
2001. The phylogeny of the extant hexapod orders. *Cladistics* (London),

- 17:113-169.
- Zilli, A., P. Maltzeff, M. Pinzari, and V. Raineri**
2001. I lepidotteri della Tenuta Presidenziale di Castelporziano (Lepidoptera). *Boll. Assoc. Rom. Ent.* (Rome), 56:13-48. [Italy]
- LIBYTHEIDAE**
Benyamin, D.
2001. Recent records of *Libythea celtis* from Cyprus. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):15. [in Hebrew]
- John, E., and C. Makris**
2001. *Libythea celtis* (Laicharting, 1782) (Lepidoptera: Libytheidae): presence of a breeding colony in the Troodos Mountains, Cyprus. *Ent. Gaz.* (Wallingford), 52:173-180.
- LYCAENIDAE**
Als, T. D., D. R. Nash, and J. J. Boomsma
2001. Adoption of parasitic *Maculinea alcon* caterpillars (Lepidoptera: Lycaenidae) by three *Myrmica* ant species. *Anim. Behav.* (London), 62:99-106. [Denmark]
- Anthony, N., G. Gelembiuk, D. Raterman, C. Nice, and R. Ffrench-Constant**
2001. Isolation and characterization of microsatellite markers from the endangered Karner blue butterfly *Lycaeides melissa samuelis* (Lepidoptera). *Hereditas* (Lund), 134:271-273. [USA]
- Avni, R.**
2001. *Erodium malacoides* a new host plant of *Aricia agestis* in Israel. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):43. [in Hebrew]
- Bálint, Z.**
2001a. Polyommatus annotations to Bernard d'Abra's third Holarctic volume. *lepid. News* (Gainesville), 2000(4):10-11. (2000)
2001b. Questions and answers concerning *Polyommatus (Agrodiætus) iphegenia* Herrich-Schäffer, [1847] (Lepidoptera: Lycaenidae). *Linn. Belg.* (Beersel), 18:73-74. [Turkey]
- Bálint, Z., C. S. Guppy, N. G. Kondla, K. Johnson, and C. J. Durden**
2001. *Plebeius Kluk*, 1789 or *Plebejus Kluk* 1802? (Lepidoptera: Lycaenidae). *Fol. Ent. Hung.* (Budapest), 62:177-184.
- Benyamin, D.**
2001a. *Amaranthus blintum* a new host plant of *Zizeeria karsandra* in Israel. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):9-10. [in Hebrew]
2001b. *Brephidium exilis*, the American pygmy blue is getting closer to Israel. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):16. [in Hebrew]
- Brock, J.**
2001. Reakirt's blue. *Amer. Butt.* (Morristown), 9(3):42-44. [USA]
- Burghardt, F., P. Proksch, and K. Fiedler**
2001. Loss of flavonoid pigments with ageing in male *Polyommatus icarus* butterflies (Lycaenidae). *Nota Lepid.* (Karlsruhe), 24(1/2):77-84. [Germany]
- Carbonell, F.**
2001. Contribution à la connaissance du genre *Agrodiætus* Hübner (1822), A. ahmadi et A. khorasanensis nouvelles espèces dans le Nord de l'Iran (Lepidoptera: Lycaenidae). *Linn. Belg.* (Beersel), 18:105-110. [Iran]
- Coutsis, J. G.**
2001. The male genitalia of the butterflies placed in the subgenus *Neolysandra* of the genus *Polyommatus* (Lycaenidae). *Nota Lepid.* (Karlsruhe), 24(1/2): 65-72. [Greece, Iran, Lebanon, Turkey]
- Coutsis, J. G., J. De Prins, and W. De Prins**
2001. The chromosome number and karyotype of the two morphs of *Polyommatus (Lysandra) coridon* from Greece (Lepidoptera: Lycaenidae). *Phegea* (Antwerp), 29:63-71.
- Eckweiler, W., and W. ten Hagen**
2001. Eine neue Unterart von *Lycaena (Phoenicurusia) phoenicurus* (Lederer, 1871) aus Zentraliran (Lepidoptera: Lycaenidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:49-52. [Iran]
- Elmes, G. W., J. A. Thomas, M. L. Munguira, and K. Fiedler**
2001. Larvae of lycaenid butterflies that parasitize ant colonies provide exceptions to normal insect growth rules. *Biol. J. Linn. Soc.* (London), 73:259-278. [Germany]
- Fiedler, K.**
2001. Ants that associate with Lycaeninae butterfly larvae: diversity, ecology and biogeography. *Divers. Distrib.* (Oxford), 7:45-60.
- Fischer, K., and K. Fiedler**
2001a. Partial biennialism in alpine *Lycaena hippothoe* (Lycaenidae: Lycaenini)? *Nota Lepid.* (Karlsruhe), 24(1/2):73-76. [Italy]
2001b. Effects of adult feeding and temperature regime on fecundity and longevity in the butterfly *Lycaena hippothoe* (Lycaenidae). *J. Lepid. Soc.* (Los Angeles), 54:91-95. (2000) [Germany]
- 2001c. Egg weight variation in the butterfly *Lycaena hippothoe*: more small or fewer large eggs? *Pop. Ecol.* (Tokyo), 43:105-109. [Europe]
- 2001d. Dimorphic growth patterns and sex-specific reaction norms in the butterfly *Lycaena hippothoe sumadiensis*. *J. Evol. Biol.* (Basel), 14:210-218. [Netherlands]
- 2001e. Spatio-temporal dynamics in a population of the copper butterfly *Lycaena hippothoe* (Lycaenidae). *Nota Lepid.* (Karlsruhe), 24(3):77-86. [Germany]
- 2001f. Effects of larval starvation on adult life-history traits in the butterfly species *Lycaena tityrus* (Lepidoptera: Lycaenidae). *Ent. Gener.* (Stuttgart), 25:249-254. [Germany]
- Fournal, M.**
2001. *Cacyreus marshalli* Butler dans le Tanneron (Var) (Lepidoptera Lycaenidae). *Alexanor* (Paris), 21:194. (1999) [France]
- Gatrell, R. R.**
2001a. An examination of southeastern U.S. *Satyrium* (Lycaenidae: Theclinae). Part one: an obscure [sic] new subspecies of *Satyrium edwardsii*. *Taxon. Rep.* (Goose Creek), 3(2):1-7. [USA]
2001b. An examination of southeastern U.S. *Satyrium* (Lycaenidae: Theclinae). Part two: the identification and delimitation of nominate *Satyrium liparops* and the description of a new subspecies from west central peninsular Florida. *Taxon. Rep.* (Goose Creek), 3(3):1-8. [USA]
- 2001c. An examination of the *Mitoura* (Lycaenidae) in the southeastern United States: with description of a new subspecies of *Mitoura hesseli*. *Taxon. Rep.* (Goose Creek), 3(4):1-10. [USA]
- Hadashi, D.**
2001. *Tomasus nesimachus* in Menashe Hills. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):35. [Israel] [in Hebrew]
- Hagen, W. ten, and W. Eckweiler**
2001. Eine neue Art von *Polyommatus (Agrodiætus)* aus Zentraliran (Lepidoptera: Lycaenidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:53-56. [Iran]
- Hagen, W. ten, and K. G. Schurian**
2001. Ein Beitrag zur Kenntnis von *Plebeius (Vacciniina) morgianus* (Kirby, 1871) (Lepidoptera: Lycaenidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 21:193-200. (2000) [Iran]
- Hall, D., and P. J. C. Russell**
2001. Lang's short-tailed blue *Leptotes pirithous* (L.) (Lep.: Lycaenidae) and other butterflies on Madeira Island. *Ent. Rec. J. Var.* (Surrey), 113:261.
- Hasegawa, T., and S. Matsuda**
2001. Notes on 3 taxa of *Favonius (korshunovi, macrocerus, aquamarinus)* described from Primorskii District (Russia) and Korean Peninsula. *Yadoriga* (Tokyo), 189:47-58. [in Japanese]
- Hsu, Y.-F., and W.-I. Chou**
2001. *Araragi panda* sp. n., an intermediate taxon in the phylogeny of Theclinae (Lepidoptera: Lycaenidae: Theclinae). *Ins. Syst. Evol.* (Copenhagen), 32:155-168. [China]
- Jones, R. A.**
2001. A purple hairstreak down at ground level. *Ent. Rec. J. Var.* (Surrey), 113:118. [England]
- Kery, M., D. Matthies, and M. Fischer**
2001. The effect of plant population size on the interactions between the rare plant *Gentiana cruciata* and its specialized herbivore *Maculinea rebeli*. *J. Ecol.* (Oxford), 89:418-427. [Switzerland]
- Knüttel, H., and K. Fiedler**
2001. Host-plant-derived variation in ultraviolet wing patterns influences mate selection by male butterflies. *J. Exp. Biol.* (Cambridge), 204:2447-2459. [Germany]
- Lafranches, T., V. Heaulmé, and J. Lafranches**
2001. Biologie, écologie et répartition du Cuivré des marais (*Lycaena dispar* Haworth, 1803) en Quercy (sud-ouest de la France) (Lepidoptera: Lycaenidae). *Linn. Belg.* (Beersel), 18:27-36.
- Mattoni, R., T. Longcore, C. Zonneveld, and V. Novotny**
2001. Analysis of transect counts to monitor population size in endangered insects: the case of the El Segundo blue butterfly, *Euphilotes bernardino allynii*. *J. Ins. Conserv.* (Dordrecht), 5:197-206. [USA]
- Maurel, N.**
2001. *Scolitantides orion* (Fruhstorfer, 1910) redécouvert dans les Alpes-0de-Haute-Provence (Lepidoptera Lycaenidae). *Alexanor* (Paris), 21:153-155. (1999) [France]
- Murata, K., and K. Nohara**
2001. The fluttering and feeding activities of the adults of *Shijimiaeoides divinus asonis* (Matsumura) (Lepidoptera, Lycaenidae). *Trans. Lepid. Soc. Japan* (Tokyo), 52:265-276. [Japan] [in Japanese]
- Nice, C. C., and A. M. Shapiro**

2001. Population genetic evidence of restricted gene flow between host races in the butterfly genus *Mitoura* (Lepidoptera: Lycaenidae). *Ann. Ent. Soc. Amer.* (Lanham), 94:257-267. [USA]

O'Sullivan, M. J.

2001. The brown hairstreak butterfly (*Thecla betulae* L.), in Ireland: an examination of its historical and current status. *Br. J. Ent. Nat. Hist.* (London), 14:85-90.

Pratt, G. F., and C. L. Pierce

2001. *Incisalia henrici* (Grote and Robinson) (Lepidoptera: Lycaenidae) reared on reproductive and non-reproductive tissues of three different plant species. *Proc. Ent. Soc. Washington*, 103:403-408. [USA]

Savina, H.

2001. Présence de *Cacyreus marshalli* en Haute-Garonne et Pyrénées-Atlantiques (Lepidoptera Lycaenidae). *Ent. (Paris)*, 57:63. [France]

Schmitt, T., and A. Seitz

- 2001a. Intraspecific structuring of *Polyommatus coridon* (Lycaenidae). *Nota Lepid.* (Karlsruhe), 24(1/2):53-63. [Europe]

- 2001b. Allozyme variation in *Polyommatus coridon* (Lepidoptera: Lycaenidae): identification of ice-age refugia and reconstruction of post-glacial expansion. *J. Biogeog.* (Hull), 28:1129-1136. [Germany]

Schultz, C. B.

2001. Restoring resources for an endangered butterfly. *J. Appl. Ecol.* (Oxford), 38:1007-1019. [USA]

Schultz, C. B., and E. B. Crone

2001. Edge-mediated dispersal behavior in a prairie butterfly. *Ecol. (Washington)*, 82:1879-1892. [USA]

Schurian, K. G., and W. ten Hagen

2001. Eine neue Bläulingsart des Genus *Polyommatus* Latreille, 1804 aus dem zentralen Zagrosgebirge in Iran (Lepidoptera: Lycaenidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:1-4.

Shaw, M. R.

2001. *Cacyreus marshalli* (Butler) (Lep.: Lycaenidae) in Corsica. *Ent. Rec. J. Var.* (Surrey), 113:262.

Shchurov, V. I., and V. A. Lukhtanov

2001. Notes on the taxonomy of the genus *Kretania* (Beuret, 1959) with the description of a new species from the Black Sea coast of Russia (Lepidoptera, Lycaenidae). *Atalanta* (Munich), 32:217-225, pl. 15-16.

Skala, P.

2001. New taxa of the subgenus *Agrodiætus* Hübner, 1822 from Iran: *Polyommatus (Agrodiætus) faramarzi* sp. n., *P. (A.) shahrami* sp. n., and *P. (A.) pfeifferi astyages* ssp. n. (Lepidoptera: Lycaenidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:101-108.

Smyllie, B.

2001. Lunulation similarities in the genus *Aricia* Reich. (Lep.: Lycaenidae) in Britain, Spain and Switzerland. *Ent. Rec. J. Var.* (Surrey), 113:209-226.

Tanaka, K., and T. Inoue

2001. Occurrence of *Narathura bazalus* in the south part of Ibaraki Prefecture. *Yadoriga* (Tokyo), 188:54-59. [Japan] [in Japanese]

Voigt, H.

2001. Zum Vorkommen von *Maculinea nausithous* und *Maculinea teleius* (Lep., Lycaenidae) im Stadtgebiet von Dresden (Sachsen), zwei Schmetterlingsarten des Anhangs II der FFH-Richtlinie. *Ent. Nachr. Ber. (Dresden)*, 45:165-169. [Germany]

Watanabe, M., and M. Nishimura

2001. Reproductive output and egg maturation in relation to mate-avoidance in monandrous females of the small copper, *Lycaena phlaeas* (Lycaenidae). *J. Lepid. Soc. (Los Angeles)*, 54:83-87. (2000) [Japan]

LYMANTRIIDAE

Deml, R., and K. Dettner

2001. Comparative morphology and evolution of the funnel warts of larval Lymantriidae (Lepidoptera). *Arth. Struct. Develop.* (Oxford), 30:15-26. [Germany]

Falco, J. N., and L. K. Rieske

2001. Suitability of various oak (*Quercus*) species for gypsy moth (*Lymantria dispar*) growth and development. *J. Ky. Acad. Sci. (Lexington)*, 62:91-95. [USA]

Gries, G., P. W. Schaefer, R. Gries, J. Liska, and T. Gotoh

2001. Reproductive character displacement in *Lymantria monacha* from northern Japan? *J. Chem. Ecol.* (New York), 27:1163-1176.

Keena, M. A., W. E. Wallner, P. S. Grinberg, and R. T. Cardé

2001. Female flight propensity and capability in *Lymantria dispar* (Lepidoptera: Lymantriidae) from Russia, North America, and their reciprocal F₁ hybrids. *Environ. Ent.* (Lanham), 30:380-387.

LYONETIIDAE

Bland, K. P.

2001. New food-plant for *Leucoptera orobi* Stanton (Lep.: Lyonetiidae) from the Isle of Rum, Scotland. *Ent. Rec. J. Var. (Surrey)*, 113:263.

Kagata, H., and T. Ohgushi

- 2001a. Preference and performance linkage of a leaf-mining moth on different Salicaceae species. *Pop. Ecol. (Tokyo)*, 43:141-147. [USA]

- 2001b. Resource partitioning among three willow leaf miners: consequence of host plant phenology. *Ent. Sci. (Tokyo)*, 4:257-263. [Japan]

MICROPTERIGIDAE

Hashimoto, S.

2001. Larval chaetotaxy of the genera *Paramartyria* and *Neomicropteryx* in Japan (Lepidoptera, Micropterigidae). *Japan. J. Syst. Ent. (Tokyo)*, 7:255-264.

MOMPHIDAE

Nel, J.

2001. Variations intraspécifiques chez *Mompha miscella* (Denis & Schiffermüller, 1775) dans le sud-est de la France (Lepidoptera, Momphidae). *Bull. Soc. Ent. Fr. (Paris)*, 105:501-504. (2000)

NEPTICULIDAE

Ellis, W. N., J. H. Kuchlein, and E. Mueleman-ten B.

2001. The relation between stand vitality and leaf miner density in beech and common oak. *Ent. Ber. (Amsterdam)*, 61:1-13. [Netherlands]

Kuchlein, J. H., and C. M. Kuchlein-Nijsten

2001. *Trifurcula headleyella*, a new nepticulid moth for the Dutch fauna (Lepidoptera: Nepticulidae). *Ent. Ber. (Amsterdam)*, 61:126-129. [Netherlands]

Wolschrijn, J. B., and J. H. Kuchlein

2001. Two more findings of *Bohemannia auriciliella* from the Netherlands (Lepidoptera: Nepticulidae). *Ent. Ber. (Amsterdam)*, 61:132.

NOCTUIDAE

Ahola, M.

2001. Larva of *Auchenisa cerurodes* Hampson, 1916 (Lepidoptera, Noctuidae, Acronictinae). *Esperiana (Staffelstein)*, 8:569-573.

Aston, A.

2001. *Meganola albula* (D. & S.) (Lep.: Nolidae) recurs in North Hampshire. *Ent. Rec. J. Var. (Surrey)*, 113:42. [England]

Baaijens, A. M.

2001. *Lithophane leautieri* settled in the Netherlands (Lepidoptera: Noctuidae). *Ent. Ber. (Amsterdam)*, 61:153-156. [in Dutch]

Berlinger, M. J., S. Yathom, and J. Halperin

2001. *Ophiusa tirhaca* Cramer (Noctuidae: Lepidoptera) infesting pistachio trees in Israel. *Zool. Mid. East (Heidelberg)*, 22:83-86.

Bogue, R.

2001. An exceptionally early common quaker *Orthosia cerasi* (Fabr.) (Lep.: Noctuidae) from Devon. *Ent. Rec. J. Var. (Surrey)*, 113:17. [England]

Brou, V. A., Jr.

- 2001a. *Xanthopastis timais* (Cram.) in Louisiana. *So. Lepid. News (Gainesville)*, 22:71. (2000) [USA]

- 2001b. The genus *Heliothis* Oehsenheimer (Noctuidae) in Louisiana. *So. Lepid. News (Gainesville)*, 23:15-17. [USA]

Cama, A., and T. Varenne

2001. Quelques noctuelles inhabituelles pour la France continentale (Lepidoptera Noctuidae). *Alexanor (Paris)*, 21:157-160. (1999)

Casimero, V., F. Nakasuiji, and K. Fujisaki

2001. The influences of larval and adult food quality on the calling rate and pre-calling period of females of the cotton bollworm, *Helicoverpa armigera* Hübner (Lepidoptera: Noctuidae). *Appl. Ent. Zool. (Tokyo)*, 36:33-40. [Japan]

Cifuentes, J.

- [2001a]. Los Noctuidae de Navarra (España) V: Subfamilia Hadeninae II, tribu Xylenini (Insecta: Lepidoptera). *SHILAP Revta. Lepid.* (Madrid), 28:353-363. (2000) [Spain]

- 2001b. Los Noctuidae de Navarra (España) VI: Subfamilia Hadeninae III, tribu Hadenini (Insecta: Lepidoptera). *SHILAP Revta. Lepid.* (Madrid), 29:7-29. [Spain]

- 2001c. Los Noctuidae de Navarra (España) VII: Subfamilia Noctuinae (Insecta: Lepidoptera). *SHILAP Revta. Lepid.* (Madrid), 29:285-304. [Spain]

Cifuentes, J., J. L. Viejo, and C. Gómez de Aizpúrua

2001. Contribución al conocimiento de los lepidópteros noctuidos de la comarca de Aranjuez-El Regajal (Madrid, España) (Lepidoptera:

- Noctuidae). *SHILAP Revta. Lepid.* (Madrid), 29:189-205. [Spain]
- Classey, E. W.**
2001. *Helicoverpa armigera* (Hübner, 1808) (Lepidoptera: Noctuidae) – immigrant or introduction? *Ent. Gaz.* (Wallingford), 52:138. [England]
- Clemens, F.**
2001. *Eublemma purpurina* (Denis & Schiffermüller, 1775) – erstmalig in Brandenburg nachgewiesen (Lep., Noctuidae). *Ent. Nachr. Ber.* (Dresden), 45:18. [Germany]
- Denton, J.**
2001. More observations of dotted chestnut moths. *Br. J. Ent. Nat. Hist.* (London), 14:47. [England]
- Erhardt, A., and S. Whitebread**
2001. *Conisania luteago* (Denis & Schiffermüller, 1775), a further rarity in the area of the former goods storage and switching station of the German Railways in Basel. *Mitt. Ent. Ges. Basel.*, 50:130-133. (2000) [in German]
- Evenden, M. L., and K. F. Haynes**
2001. Potential for the evolution of resistance to pheromone-based mating disruption tested using two pheromone strains of the cabbage looper, *Trichoplusia ni*. *Ent. Exp. Appl.* (Amsterdam), 100:131-134. [USA]
- Fabiano, F., and A. Zilli**
2001. Faunistic and taxonomic notes on Noctuidae from Jordan (Lepidoptera: Noctuidae). *Esperiana* (Staffelstein), 8:491-506, pl. 23
- Fibiger, M.**
2001. A new species of the genus *Lophoterges* Hampson, 1906 from Iran: *L. marianna* sp. n. (Lepidoptera, Noctuidae, Cuculliinae). *Acta Zool. Acad. Sci. Hung.* (Budapest), 46:333-336. (2000)
- Fibiger, M., and D. Agassiz**
2001. *Araeopteron ecpheaa*, a small noctuid moth in the west Palaearctic (Noctuidae: Acontiinae). *Nota Lepid.* (Karlsruhe), 24(1/2):29-35. [Greece, Spain, Turkey]
- Fibiger, M., and H. H. Hacker**
2001. The *Araeopteron* genus-group in Yemen, with description on one new genus and 6 new species (Lepidoptera, Noctuidae). *Esperiana* (Staffelstein), 8:575-584, pl. 28.
- Fibiger, M., and P. Svendsen**
2001. The female (allotype) of the Cretan *Cryphia omalosi* Svendsen & Fibiger, 1998 (Noctuidae, Bryophilinae). *Esperiana* (Staffelstein), 8: 654. [Crete]
- Flamigni, C.**
2001. On the presence of *Phytometra sanctiflorentis* and *Heterophysa dumetorum* in Italy (Noctuidae). *Nota Lepid.* (Karlsruhe), 24(1/2):37-38.
- Freytag, K.**
2001. Bemerkungen zu weiteren 20 Noctuidae-Arten (Lepidoptera, Noctuidae, Noctuinae). *Facetta* (Ingolstadt), 24:43-50, pl. 6-7. [Europe]
- Fujihira, S., and C. Fujihira**
2001. Breeding of *Hylophilodes tsukusensis* Nagano (Noctuidae, Chloephoriinae) on *Lithocarpus edulis*. *Japan Heteroc. J.* (Tokyo), 213:249-250. [Japan] [in Japanese]
- Funakoshi, S.**
2001. Seasonal changes of moth population of *Amphipyra* species at aestivating sites with special reference to male/female ratio and body weight of *A. livida corvina* (Lepidoptera, Noctuidae). *Trans. Lepid. Soc. Japan* (Tokyo), 52:157-162. [Japan]
- Gall, L. F.**
2001. Precedence of *Catocala louiseae* Bauer, 1965 as a nomen protectum over *Catocala protonympha* Boisduval, 1840 (Noctuidae). *J. Lepid. Soc.* (Los Angeles), 55:171-174. [USA]
- Gemeno, C., and K. F. Haynes**
2001. Impact of photoperiod on the sexual behavior of the black cutworm moth (Lepidoptera: Noctuidae). *Environ. Ent.* (Lanham), 30:189-195. [USA]
- Greenberg, S. M., T. W. Sappington, B. C. Legaspi, Jr., T.-X. Liu, and M. Séreau**
2001. Feeding and life history of *Spodoptera exigua* (Lepidoptera: Noctuidae) on different host plants. *Ann. Ent. Soc. Amer.* (Lanham), 94:566-575. [USA]
- Gyulai, P.**
2001. A new *Xestia* (Hübner, 1818) species from Siberia (Lepidoptera, Noctuidae). *Esperiana* (Staffelstein), 8:701-703, pl. 30. [Russia]
- Gyulai, P., and M. Hreblay**
2001. Description of two new species of the genus *Trichanarta* Hampson, 1896 (Lepidoptera: Noctuidae, Hadeninae). *Esperiana* (Staffelstein), 8:709-714, pl. 30. [Tibet]
- Gyulai, P., and L. Ronkay**
2001. The Noctuidae material collected by Peter Gyulai & Adrienne Garai in the Qinghai region, China, in 1999 (Lepidoptera). *Esperiana* (Staffelstein), 8:655-700, pl. 31-33.
- Hacker, H. H.**
- 2001a. Fauna of the Nolidae and Noctuidae of the Levante with descriptions and taxonomic notes (Lepidoptera, Noctuoidea). *Esperiana* (Staffelstein), 8:7-315, 358-398, pl. 1-18, 22, 24-25. [Palestine]
- 2001b. Revision Genus *Clytie* Hübner, [1823]. In Fauna of the Nolidae and Noctuidae of the Levante with descriptions and taxonomic notes (Lepidoptera, Noctuoidea). Appendix. *Esperiana* (Staffelstein), 8:316-357, pl. 19-21. [Palestine]
- 2001c. Zwei neue Noctuidae-Arten aus Vorder- und Zentralasien. *Esperiana* (Staffelstein), 8:825-826, pl. 29. [Central Asia]
- Hacker, H. H., and M. Fibiger**
2001. Description of new Noctuoidea (Lepidoptera) species from the Arabian Peninsula and with other taxonomic notes. *Esperiana* (Staffelstein), 8:585-596, pl. 28-29.
- Hacker, H. H., and J. J. de Freina**
2001. Beitrag zur Noctuiden-Fauna Israels und Palästinas. Verzeichnis des von de Freina Ende November bis März 1994 und 1995 beobachteten Artenpektrums (Insecta, Lepidoptera, Noctuidae). *Esperiana* (Staffelstein), 8:475-484, pl. 25. [Palestine]
- Hacker, H. H., K. Huber, and G. Stummer**
2001. Ergebnisse einer 10-jährigen Erforschung der Noctuidae-Fauna eines Ölfeldes in der libyschen Wüste. *Esperiana* (Staffelstein), 8:316-357, pl. 26. [Libya]
- Hacker, H. H., V. Kravchenko, and I. Yarom**
2001. List of Noctuoidea (Lepidoptera) collected in Arava (Israel) with faunistical and ecological comments. *Esperiana* (Staffelstein), 8:515-533.
- Hacker, H. H., and J.-U. Meineke**
2001. Beitrag zur Fauna der Noctuidae des Iran: Ergebnisse von Forschungen der Jahre 1998 bis 2000 (Lepidoptera). *Esperiana* (Staffelstein), 8:791-810, pl. 34.
- Hacker, H. H., and J. Miatleuski**
2001. Noctuidae from the European part of Kazakhstan with first records of seven species for the European fauna (Lepidoptera). *Esperiana* (Staffelstein), 8:811-824, pl. 35.
- Hacker, H. H., and H.-P. Schreier**
- 2001a. Beitrag zur Noctuidenfauna Palästinas: die Eulen der Klapperich-Ausbeute aus Jordanien (Lepidoptera, Noctuidae). *Esperiana* (Staffelstein), 8:399-421. [Palestine]
- 2001b. List of Noctuoidea (Lepidoptera) collected from 1987 to 1999 in Israel and Jordan. *Esperiana* (Staffelstein), 8:423-458.
- Hall, P.**
2001. The striped lychnis moth *Shargacucullia lychnitis* (Rambur) (Lep.: Noctuidae): a review of its distribution in Buckinghamshire (VC 24) during 2000. *Ent. Rec. J. Var.* (Surrey), 113:257-260. [England]
- Hicks, B. J., D. A. Barbour, D. Cosems, and A. D. Watt**
2001. The influence of weather on populations of the pine beauty moth and its fungal diseases in Scotland. *Scottish For.* (Edinburgh), 55:199-207.
- Hooper, R. R.**
2001. The invasion of Canada by the yellow underwing (*Noctua pronuba* L.). *Blue Jay* (Winnipeg), 59:206-207.
- Inoue, H.**
2001. On the systematic status of *Nola minutalis* Leech (Noctuidae, Nolinae). *Yugato* (Niigata), 164:53-56. [Japan] [in Japanese]
- Jallow, M. F. A., and M. Matsumura**
2001. Influence of temperature on the rate of development of *Helicoverpa armigera* (Hübner) (Lepidoptera: Noctuidae). *Appl. Ent. Zool.* (Tokyo), 36:427-430. [Japan]
- Jallow, M. F. A., M. Matsumura, and Y. Suzuki**
2001. Oviposition preference and reproductive performance of Japanese *Helicoverpa armigera* (Hübner) (Lepidoptera: Noctuidae). *Appl. Ent. Zool.* (Tokyo), 36:419-426. [Japan]
- Kahlheber, D.**
2001. Hessenfauna. 4. Die Eule *Mesoligia literosa* (Haworth 1809) (Lepidoptera: Noctuidae) im Landkreis Limburg-Weilburg gefunden – ein Erstnachweis für Hessen. *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22: 192. [Germany]
- Kameda, M.**
2001. Seven species of the Acontiinae (Noctuidae) from souther part of Hokkaido. *Yugato* (Niigata), 164:67-69. [Japan] [in Japanese]
- Kidd, K. A., and D. B. Orr**
2001. Comparative feeding and development of *Pseudoplusia includens* (Lepidoptera: Noctuidae) on kudzu and soybean foliage. *Ann. Ent. Soc.*

- Amer.* (Lanham), 94:219-225. [USA]
- Knudson, E., and C. Bordelon**
2001. Noctuidae of Texas: species near the *Stiriinae*. *So. Lepid. News* (Gainesville), 23:47-49, pl. B. [USA]
- Koehn, L. C.**
2001. A Kentucky record of the European cutworm, *Noctua pronuba* (L.). *Ky. Lepid.* (Louisville), 28:16. [USA]
- Kononenko, V. S.**
2001a. Revisional notes of the Palaearctic species of the genus *Atrachea* Warren (Lepidoptera, Noctuidae, Amphipyrinae), with descriptions of two new species from China. *Ins. Koreana* (Chuncheon), 18:51-68.
2001b. Two new genera and four new species of the Noctuidae (Lepidoptera) from China. *Japan Heteroc. J.* (Tokyo), 216:299-306.
- Kouji, S.**
2001. [On *Catocala*]. *Yadoriga* (Tokyo), 190:2-3. [Japan] [in Japanese]
- Kravchenko, V., H. H. Hacker, and E. Nevo**
2001. List of Noctuidae (Lepidoptera) collected in Israel. *Esperiana* (Staffenstein), 8:459-474.
- Kuznetsova, T. L.**
2001. Peculiarities of the feeding behavior of the cotton bollworm *Helicoverpa armigera* Hbn. (Lepidoptera, Noctuidae) early instar larvae on cotton plants. *Ent. Obozr.* (Moscow), 80:40-48. [Russia] [in Russian]
- LaMunyon, C. W.**
2001. Determinants of sperm precedence in a noctuid moth *Heliothis virescens*: a role for male age. *Ecol. Ent.* (London), 26:388-394. [USA]
- Leutsch, H.**
2001. Weitere Beobachtungen von *Eucarta virgo* (Treitschke, 1835) in der Oberlausitz (Lep., Noctuidae). *Ent. Nachr. Ber.* (Dresden), 45:135-136. [Germany]
- López, C., A. Sans, L. Asin, and M. Eizaguirre**
2001. Phenological model for *Sesamia nonagrioides* (Lepidoptera: Noctuidae). *Environ. Ent.* (Lanham), 30:23-30. [Spain]
- Meagher, R. L., Jr.**
2001. Collection of soybean looper and other noctuids in phenylacetaldehyde-baited field traps. *Fla. Ent.* (Gainesville), 84:154-155. [USA]
- Meyer, M.**
2001. *Sideridis albicolon* (Hübner, 1813) is definitely documented for the fauna of Luxembourg (Lepidoptera, Noctuidae). *Bull. Soc. Natural. Luxembourg*, 101:175-178. [in German]
- Mitamura, T.**
2001. A record of *Eudocima salaminia* (Fabricius) (Noctuidae) from Fukushima Prefecture, Honshu. *Japan Heteroc. J.* (Tokyo), 213:246. [Japan] [in Japanese]
- Miyahara, Y.**
2001a. *Grammodes geometrica* (Noctuidae) larvae occurred in Nobeoka, Miyazaki Prefecture. *Japan Heteroc. J.* (Tokyo), 212:231. [Japan] [in Japanese]
2001b. Larva and hostplant of *Trigonodes hyppasia* (Cramer) (Noctuidae, Catocalinae). *Japan Heteroc. J.* (Tokyo), 213:241-242. [Japan] [in Japanese]
- Miyano, A.**
2001. *Euplexia albilineola* (Wileman) and *Hyposemannis singha* Guenée (Noctuidae) from Gifu Prefecture. *Yugato* (Niigata), 164:64. [Japan] [in Japanese]
- Monti, L., M. Baylac, and B. Lalanne-Cassou**
2001. Elliptic Fourier analysis of the form of genitalia in two *Spodoptera* species and their hybrids (Lepidoptera: Noctuidae). *Biol. J. Linn. Soc.* (London), 72:391-400. [France]
- Müller, R.**
2001. *Epilecta linogrisea* (Denis & Schiffermüller, 1775) (Lep., Noctuidae) bei Jena (Thüringen). *Ent. Nachr. Ber.* (Dresden), 45:127. [Germany]
- Murase, M.**
2001a. An *Idaea* and an *Athetis* larvae found feeding on withered catkin of *Castanea* on the ground. *Japan Heteroc. J.* (Tokyo), 213:243. [Japan] [in Japanese]
2001b. Larva of *Callopistria albolineola* (Graeser) (Noctuidae, Amphipyrinae) feeding on *Selaginella* (Lycopodiidae). *Japan Heteroc. J.* (Tokyo), 216:295-296. [Japan] [in Japanese]
- Nishio, N.**
2001. *Catocala columbina* Leech (Noctuidae) from Myoko in Niigata Prefecture. *Yugato* (Niigata), 165:82. [Japan] [in Japanese]
- Nowacki, J., M. Holowiński, and K. Palka**
2001. *Athetis lepigone* (Möschler) (Lepidoptera: Noctuidae), a noctuid new to the Polish fauna. *Polsk. Pismo Ent.* (Gdynia), 70:271-275. [Poland]
- Nowacki, J., and R. Wasala**
2001. *Calyptra thalictri* (Borkhausen) (Lepidoptera: Noctuidae), a new species for the Polish fauna. *Polsk. Pismo Ent.* (Gdynia), 70:267-269. [Poland]
- Nuppenen, K., M. Ahola, and J. Kullberg**
2001. *Agrotis iremeli* sp. n. from the southern Ural Mountains, with description of the larval stage (Lepidoptera: Noctuidae). *Ent. Fenn.* (Helsinki), 12: 217-226. [Russia]
- Oh, S.-H.**
2001. A review of the subfamily Nolinae (Lepidoptera, Noctuidae) in Korea (I): genus *Nola* Leech. *Ins. Koreana* (Chuncheon), 18:123-137.
- Okyar, Z., and S. Tezcan**
2001. On the noctuid fauna (Lepidoptera: Noctuidae) of ecological cherry orchards in western Turkey. *Zool. Mid. East* (Heidelberg), 22:95-102.
- Ortner, S.**
[2001]. Neu zur Fauna mitteleuropas hinzugekommene Makrolepidopteren seit dem Standardwerk von Forster & Wohlfahrt. Eulen (Noctuidae) (Insecta: Lepidoptera). *Mitt. Ent. Arbeitsgem. Salzkammergut* (Bad Ischl), 3:150-154. (2000) [Europe]
- Palmer, S. M.**
2001a. Clouded-bordered brindle *Apamea crenata* (Hufn.) (Lep.: Noctuidae). Some unusual dates in East Lancashire. *Ent. Rec. J. Var.* (Surrey), 113:18. [England]
2001b. Dusky swallow *Eremobia ochroleuca* (D. & S.) (Lep.: Noctuidae) in Lancashire and some notes on other species. *Ent. Rec. J. Var.* (Surrey), 113:37-38. [England]
- Peacock, J. W., and L. F. Gall**
2001. Immature stages of the marbled underwing, *Catocala marmorata* (Noctuidae). *J. Lepid. Soc.* (Los Angeles), 54:107-110. (2000) [USA]
- Quero, C., H. Y. Fadapiro, and T. C. Baker**
2001. Responses of male *Helicoverpa zea* to single pulses of sex pheromone and behavioural antagonist. *Physiol. Ent.* (London), 26:106-115. [USA]
- Rogue, R.**
2001. An exceptionally early common quaker *Orthosia cerasi* (Fabr.) (Lep.: Noctuidae) from Devon. *Ent. Rec. J. Var.* (Surrey), 113:17. [England]
- Rojas, J. C., T. D. Wyatt, and M. C. Birch**
2001. Oviposition by *Mamestra brassicae* (L.) (Lep., Noctuidae) in relation to age, time of day and host plant. *J. Appl. Ent.* (Hamburg), 125:161-163. [Mexico]
- Ronkay, G., J. L. Yela, and M. Hreblay**
2001. *Hadeninae II*. In *Noctuidae Europaea*. Vol. 5. Sørø: Ent. Pr. 452pp.
- Ronkay, G., and L. Ronkay**
2001. New *Agrochola* Hübner, 1821 and *Owadaglaea* Hacker et Ronkay, 1996 species from Central Asia and Indochina (Lepidoptera, Noctuidae, Xylenini). *Acta Zool. Acad. Sci. Hung.* (Budapest), 46:351-382.
- Sappington, T. W., S. M. Greenberg, and R. A. Tisdale**
2001. Location of beet armyworm (Lepidoptera: Noctuidae) egg mass deposition within canopies of cotton and pigweed. *Environ. Ent.* (Lanham), 30:511-516. [USA]
- Seino, A.**
2001. *Camptoloma interiorata* (Walker) (Noctuidae, Camptolominae) taken at Suibara, Niigata Prefecture. *Yugato* (Niigata), 166:125. [Japan] [in Japanese]
- Seino, A., and R. Sato**
2001. *Eublemma miasma* (Hampson) (Noctuidae) from Niigata City and Yamato-machi, Niigata Prefecture. *Yugato* (Niigata), 163:33. [Japan] [in Japanese]
- Selman, C. L., and R. Leuschner**
2001. Nine new species of *Lacinipolia* (Noctuidae) from Arizona, California and vicinity. *Taxon. Rep.* (Goose Creek), 2(8):1-9. (2000) [USA]
- Sohn, J.-C., and L. Ronkay**
2001. New records of Korean Noctuidae (Lepidoptera), with description of a new species. *Ins. Koreana* (Chuncheon), 18:219-227. [South Korea]
- Stewart, B.**
2001. Sand dart *Agrotis ripae* Hb (Lep.: Noctuidae) in Glamorgan — a strandline specialist. *Br. J. Ent. Nat. Hist.* (London), 14:45-47. [England]
- Strassburg, H.**
2001. *Hadena luteago* (Denis & Schiffermüller) (Lep., Noctuidae) — Erstnachweis für Sachsen. *Ent. Nachr. Ber.* (Dresden), 45:128. [Germany]
- Sugi, S.**
2001a. Late autumn larvae of *Trichosea champa* (Moore) (Noctuidae, Patheinae [sic]) on *Rhododendron metternichii*. *Japan Heteroc. J.* (Tokyo), 213:242. [Japan] [in Japanese]
2001b. Records of host ferns for two *Callopistria* species (Noctuidae) in urban area of Tokyo. *Japan Heteroc. J.* (Tokyo), 213:251. [Japan] [in Japanese]
- Sugi, S., and M. Murase**

2001. Larva of *Earias pudicana* Staudinger (Noctuidae, Chloephorinae) feeding on samara of *Ulmus parvifolia*, a new hostplant. *Japan Heteroc. J.* (Tokyo), 212:221-222. [Japan] [in Japanese]
- Sugi, S., and A. Sasaki**
2001. Larva of *Imosca coreana* (Matsumura) (Noctuidae), with notes on the Bagisarinae in Japan. *Japan Heteroc. J.* (Tokyo), 215:285-287. [in Japanese]
- Sugi, S., and S. Tominaga**
2001. Occurrence of *Tiracola plagiata* Walker (Noctuidae), a second species of the genus in Japan. *Japan Heteroc. J.* (Tokyo), 212:217-219. [in Japanese]
- Sviridov, A. V., and A. M. Tikhomirov**
[2001]. Noctuid moths (Lepidoptera) of Ivanovo area. *Russ. Ent. J.* (Moscow), 9:366-374. (2000) [Russia] [in Russian]
- Talbot, P.**
2001. A December record of the common quaker *Orthosia cerasi* (Fabr.) (Lep.: Noctuidae) in West Yorkshire. *Ent. Rec. J. Var.* (Surrey), 113: 17-18. [England]
- Tercars, R.**
[2001]. A study of the parameters triggering the exit of the trogloxene species *Scoliopteryx libatrix* L. (Lepidoptera Noctuidae) at the end of the winter ecophase. *Mem. Biospeol.* (St. Gérons), 27:131-139. (2000) [Belgium]
- Thomas, S., A. Wagstaff, and A. Wunder**
2001. Sandhill rustic *Luperina nickerlii* (Freyer) *gueneei* (Doubt.) (Lep.: Noctuidae): new to Denbighshire (VC 50). *Ent. Rec. J. Var.* (Surrey), 113:234. [England]
- Tisdale, R. A., and T. W. Sappington**
2001. Realized and potential fecundity, egg fertility, and longevity of laboratory-reared female beet armyworm (Lepidoptera: Noctuidae) under different adult diet regimes. *Ann. Ent. Soc. Amer.* (Lanham), 94:415-419. [USA]
- Tominaga, S.**
2001. Larvae of *Achaea serva* (Fabricius) (Noctuidae) captured in Is. Kikajima, Kagoshima Pref. *Yugato* (Niigata), 164:42. [Japan] [in Japanese]
- Torres-V., L. M., and J. N. McNeil**
2001. Male-made abdominal marks as an indicator of female mating status in noctuid species. *Ann. Ent. Soc. Amer.* (Lanham), 94:226-229. [Spain]
- Torres-V., L. M., M. C. Rodriguez-M., J. Gragera, and P. Bielza-L.**
2001. Polyandry in Lepidoptera: a heritable trait in *Spodoptera exigua* Hübner. *Hered.* (Oxford), 86:177-183. [Spain]
- Tremewan, W. G.**
2001. A record of *Helicoverpa armigera* (Hübner, 1808) (Lepidoptera: Noctuidae) reared from roses imported from Kenya. *Ent. Gaz.* (Wallingford), 52: 70. [England]
- Trouwens, W.**
2001. Rupsenplaag op goudsbloem (Lepidoptera: Noctuidae). *Phegea* (Antwerp), 29:111.
- Varga, Z., and P. Gyulai**
2001. New species of the genera: *Euxoa*, *Dichagyris* and *Chersotis* from Central Asia (Lepidoptera: Noctuidae, Noctuinae). *Esperiana* (Staffelstein), 8:771-790.
- Varkonyi, G., and M. Ahola**
2001. Notes on the larval biology of *Xestia borealis* (Lepidoptera: Noctuidae). *Ent. Fenn.* (Helsinki), 12:78-80. [Finland]
- Vieira, V.**
2001. *Ophiusa tirhaca* (Cramer, 1777), uma espécie paleotropical-subtropical observada nos Açores (Lepidoptera: Noctuidae). *SHILAP Revta. Lepid.* (Madrid), 29:121-124. [Açores]
- Wander, A.**
2001. White colon *Sideridis albicolon* (Hb.) (Lep.: Noctuidae): new to Denbighshire (VC 50). *Ent. Rec. J. Var.* (Surrey), 113:12. [England]
- Waring, P.**
2001. Two immaculate sand dart *Agrotis ripae* (Hb.) at the island site of Calceby Beck Marsh SSSI, Lincolnshire. *Ent. Rec. J. Var.* (Surrey), 113:113-116. [England]
- Young, D.**
2001. *Xestia rhomboidea* (Esper) (square-spotted clay) (Lepidoptera): request for information. *Br. J. Ent. Nat. Hist.* (London), 14:92. [England]
- NOTODONTIDAE**
- Pimentel, C., A. Tavares, and M. R. Paiva**
2001. Pine processionary moth *Thaumetopoea pityocampa* (Lepidoptera, Thaumetopoeidae): population dynamics and feeding ecology studies in Portugal. *Revta. Biol.* (Lisbon), 18:105-115. (2000) [in Portuguese]
- NYMPHALIDAE**
- Abadjiev, S. P.**
2001. Description of a new subspecies of *Erebia cassioides* (Reiner & Hohenwarth, 1792) (Lepidoptera: Nymphalidae: Satyrinae) from Bulgaria. *Rev. Swiss. Zool.* (Geneva), 108:57-64.
- Allen, A. A.**
2001. What is happening to the small tortoiseshell *Aglais urticae* (L.) (Lep.: Nymphalidae). *Ent. Rec. J. Var.* (Surrey), 113:261-262. [England]
- Belik, A. G.**
2001. Notes on the taxonomy and geographical distribution of *Erebia dabanensis* Erschoff, 1871 and *Erebia fletcheri* Elwes, 1899 with the description of two new subspecies from the south Transbaikal, Russia (Lepidoptera, Satyrinae). *Atalanta* (Munich), 32:197-215, pl.13-14.
- Benyamin, D.**
2001. *Hipparchia syriaca* in Israel? *News Israeli Lepid. Soc.* (Bet Arye), 18(2):16. [in Hebrew]
- Bergman, K.-O.**
2001. Population dynamics and the importance of habitat management for conservation of the butterfly *Lopinga achine*. *J. Appl. Ecol.* (Oxford), 38:1303-1313. [Sweden]
- Bergman, K.-O., and J. Landin**
2001. Distribution of occupied and vacant sites and migration of *Lopinga achine* (Nymphalidae: Satyrinae) in a fragmented landscape. *Biol. Conserv.* (Oxford), 102:183-190. [Sweden]
- Berwaerts, K., H. Van Dyck, E. Vints, and E. Matthysen**
2001. Effect of manipulated wing characteristics and basking posture on thermal properties of the butterfly *Pararge aegeria* (L.). *J. Zool.* (London), 255:261-267. [Belgium]
- Calvert, W. H.**
2001. Monarch butterfly (*Danaus plexippus* L., Nymphalidae) fall migration: flight behavior and direction in relation to celestial and physiographic cues. *J. Lepid. Soc.* (Los Angeles), 55:162-168. [Mexico, USA]
- Cassel, A., J. Windig, S. Nylin, and C. Wiklund**
2001. Effects of population size and food stress on fitness-related characters in the scarce heath, a rare butterfly in western Europe. *Conserv. Biol.* (Cambridge), 15:1667-1673. [Nymphalidae] [Sweden]
- Charmeux, J.-F.**
2001. Une nouvelle espèce de *Lasiommata* (Lepidoptera: Nymphalidae, Satyrinae) du nord-ouest Pakistan. *Phegea* (Antwerp), 29:113-119.
- Conradt, L., T. J. Roper, and C. D. Thomas**
2001. Dispersal behaviour of individuals in metapopulations of two British butterflies. *Oikos* (Copenhagen), 95:416-424. [Satyrinae] [England]
- Danner, F.**
2001. Die Raupe von *Charaxes jasius* (Linnaeus, 1767) auf Aprikose (Lepidoptera, Nymphalidae). *Atalanta* (Munich), 32:401, pl. 18. [Crete]
- Della Bruna, C., E. Gallo, M. Lucarelli, and V. Sbordoni**
[2001]. *Eugrumia*, a new name for *Grumia* (Lepidoptera: Satyridae, Satyrinae, Ypthimini). *Frag. Ent.* (Rome), 32:297-298. (2000) [Tibet]
- Dening, R. C.**
2001. Pearl bordered fritillary *Boloria euphrosyne* L. (Lep.: Nymphalidae): a March record? *Ent. Rec. J. Var.* (Surrey), 113:151. [England]
- Dover, J. W., and G. L. A. Fry**
2001. Experimental simulation of some visual and physical components of a hedge and the effects on butterfly behaviour in an agricultural landscape. *Ent. Exp. Appl.* (Amsterdam), 100:221-233. [England]
- Ehrhardt, W.**
2001. Beobachtungen zu einer Arealerweiterung von *Pararge aegeria* (Linnaeus, 1758) (Lepidoptera: Nymphalidae) und einem auffallenden Vorkommen von *Atolmis rubricollis* (Linnaeus, 1758) (Arctiidae) in der südlichen Lüneberger Heide. *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 21:235. [Germany]
- Eliasson, C. U.**
2001. A study of the scarce fritillary (*Euphydryas maturna*) (Lepidoptera: Nymphalidae) in Sweden, Västmanland 2: phenology, protandry, sex-rate and mating behaviour. *Ent. Tidsk.* (Stockholm), 122:153-167. [in Swedish]
- Ellis, H. A.**
2001. The wall brown *Lasiommata megera* L. (Lep.: Nymphalidae) in Northumberland, 1976-2000. *Ent. Rec. J. Var.* (Surrey), 113:161-170. [England]
- Ertz, D., and E. Graitson**
2001. Effectifs des populations, répartition et statut du petit nacré, *Issoria lathonia* L., sur les terrains calaminaires du bassin de la Vesdre (province de Liège, Belgique) (Lepidoptera: Nymphalidae). *Linn. Belg.* (Beersel), 18:87-92. [Belgium]

- Essayan, R.**
- 2001. Contribution à la connaissance du Damier du Frêne (*Euphydryas maturna* Linnaeus, 1758) en Bourgogne: statut et protection (Lepidoptera Nymphalidae). *Alexanor* (Paris), 21:241-249. [France]
- Everett, C. M.**
- 2001. Notes on possible overwintering of red admirals *Vanessa atalanta* (L.) (Lep.: Nymphalidae) in Cambridge. *Ent. Rec. J. Var.* (Surrey), 113:203. [England]
- Glassberg, J.**
- 2001a. Mitchell's satyr rides again. *Amer. Butt.* (Morristown), 9(3):16-21. [USA]
 - 2001b. Cracking the code. *Amer. Butt.* (Morristown), 9(4):16-27. [Hamadryas] [Neotropical]
- Gouillard, J.**
- 2001. Le monarque. *Ent.* (Paris), 57:97-100. [USA]
- Grange, J.-C.**
- 2001. Une forme albinisante d'*Euphydryas maturna* (Linnaeus, 1758) (Lepidoptera Nymphalidae). *Alexanor* (Paris), 21:191-192. [France]
- Hadashi, D., and O. Tomer**
- 2001. Two aberrants of *Pararge maera* and *Papilio machaon* in Israel. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):44. [in Hebrew]
- Halpern, S.**
- 2001. Four Wings and a Prayer: Caught in the Mystery of the Monarch Butterfly. *News Lepid. Soc.* (Los Angeles), 43:106-107. [Mexico, USA]
- Hansen, M. D. D.**
- 2001. Observations on migrating red admirals (*Vanessa atalanta* L.) in Denmark 1995-2000. *Flora Fauna* (Copenhagen), 107:1-5. [in Danish]
- Heckford, R. J.**
- 2001. Grayling butterflies, *Hipparchia semele* (Linnaeus, 1758) (Lepidoptera: Nymphalidae, Satyrinae), and my mother's dress. *Ent. Gaz.* (Wallingford), 52:194. [England]
- Heino, M., and I. Hanski**
- 2001. Evolution of migration rate in a spatially realistic metapopulation model. *Amer. Nat.* (Chicago), 157:495-511. [Finland]
- Hellmich, R. L., B. D. Siegfried, M. K. Sears, D. E. Stanley-Horn, M. J. Daniels, H. R. Matilla, T. Spencer, K. G. Bidne, and L. C. Lewis**
- 2001. Monarch larvae sensitivity to *Bacillus thuringiensis*-purified proteins and pollen. *Proc. Natl. Acad. Sci.* (Washington), 98:11925-11930. [USA]
- Hensle, J.**
- 2001a. *Vanessa atalanta*, *Cynthia cardui*, *Inachis io*, *Aglaia urticae* und *Polygonia c-album* 1998. *Atalanta* (Munich), 32:51-62. [Germany]
 - 2001b. *Vanessa atalanta*, *Cynthia cardui*, *Inachis io*, *Aglaia urticae* und *Polygonia c-album* 1999. *Atalanta* (Munich), 32:63-74, 366. [Germany]
 - 2001c. *Nymphalis polychloros*, *Nymphalis antiopa* und *Issoria lathonia* 1993. *Atalanta* (Munich), 32:321-324. [Germany]
 - 2001d. *Nymphalis polychloros*, *Nymphalis antiopa* und *Issoria lathonia* 1994. *Atalanta* (Munich), 32:325-328. [Germany]
 - 2001e. *Nymphalis polychloros*, *Nymphalis antiopa* und *Issoria lathonia* 1995. *Atalanta* (Munich), 32:329-332. [Germany]
 - 2001f. *Nymphalis polychloros*, *Nymphalis antiopa* und *Issoria lathonia* 1996. *Atalanta* (Munich), 32:333-337. [Germany]
 - 2001f. *Nymphalis polychloros*, *Nymphalis antiopa* und *Issoria lathonia* 1997. *Atalanta* (Munich), 32:338-341. [Germany]
 - 2001g. *Nymphalis polychloros*, *Nymphalis antiopa* und *Cynthia virginiensis* 1998. *Atalanta* (Munich), 32:342-345. [Germany]
 - 2001h. *Nymphalis polychloros*, *Nymphalis antiopa* und *Issoria lathonia* 1999. *Atalanta* (Munich), 32:346-348. [Germany]
 - 2001i. Nymphalidae s. str. 2000. *Atalanta* (Munich), 1:32:349-365. [Germany]
 - 2001j. Die Überwinterung von *Vanessa atalanta* (Linnaeus, 1758) am Kaiserstuhl (Südwestdeutschland) (Lepidoptera, Nymphalidae). *Atalanta* (Munich), 32:379-388, pl. 17. [Germany]
- Hirai, N., and M. Ishii**
- 2001. Rearing larvae of the chestnut tiger butterfly, *Parantica sita* (Kollar) (Lepidoptera, Danaidae), on artificial diets. *Trans. Lepid. Soc. Japan*, 52:109-113. [Japan]
- Hirukawa, N.**
- 2001. Observation of *Hestina persilis* japonica's larva hibernating in the dead leaf at the top of *Celtis sinensis* branch. *Yadoriga* (Tokyo), 189:3. [Japan] [in Japanese]
- Ide, J.-Y.**
- 2001a. Summer disappearance of territoriality in the satyrine butterfly *Lethe sicelis*. *Trans. Lepid. Soc. Japan* (Tokyo), 52:168-170. [Japan]
 - 2001b. Microhabitat differences in two *Lethe* butterflies (Lepidoptera: Nymphalidae) concerning thermoregulation. *Ent. Sci.* (Tokyo), 4:279-285. [Japan]
- Itô, Y.**
- 2001. Ecology of a subtropical fritillary, *Argyreus hyperbius*, in an urban area near Nagoya City, Honshu, Japan. *Japan. J. Ent.* (Tokyo), (n.s.) 4:73-89. [in Japanese]
- Ivinskis, P., and A. Saldaitis**
- 2001. A gynandromorph of *Hyponephele narica* (Lepidoptera: Nymphalidae, Satyrinae). *Phegea* (Antwerp), 29:33-34. [Kazakhstan]
- Jakšić, P.**
- 2001. The distribution of *Erebia rhodopensis* Nicholl, 1900 (Lepidoptera: Nymphalidae, Satyrinae) on the Šar-Planina, Prokletije and Rila. *Ent. Gaz.* (Wallingford), 52:83-90. [Serbia]
- Janz, N., K. Nyblom, and S. Nylin**
- 2001. Evolutionary dynamics of host-plant specialization: a case study of the tribe Nymphalini. *Evol.* (Lawrence), 55:783-796. [Sweden]
- John, E.**
- 2001. Migration of *Vanessa cardui* (L.) (Lep.: Nymphalidae) through Cyprus, March 2001. *Ent. Rec. J. Var.* (Surrey), 113:269-281.
- Joyce, D. A., and A. S. Pullin**
- 2001. Phylogeography of the marsh fritillary *Euphydryas aurinia* (Lepidoptera: Nymphalidae) in the UK. *Biol. J. Linn. Soc.* (London), 72:129-141.
- Jutzeler, D., F. Rebusek, G. Sala, and R. Verovník**
- 2001. The confirmation of the specificity of *Erebia stirius* (Godart, 1824) and *Erebia styx* (Freyer, 1834), diagnosed by Lorković (1952) with a nomenclatural abstract concerning the specific names of the *styx/stirius*-complex (Lepidoptera: Nymphalidae, Satyrinae). *Linn. Belg.* (Beersel), 18:113-124, 175-186. [Austria, Switzerland]
- Kondla, N. G.**
- 2001. Clarification of and comments on northern *Speyeria hydaspe* subspecies (Lepidoptera: Nymphalidae). *Taxon. Rep.* (Goose Creek), 3(1):1-5. [USA]
- Kopper, B. J., D. C. Margolies, and R. E. Charlton**
- 2001. Notes on the behavior of *Speyeria idalia* (Drury) (Nymphalidae) larvae with implications that they are diurnal foragers. *J. Lepid. Soc.* (Los Angeles), 54:96-97. (2000) [USA]
- Kopper, B. J., S.-Q. Shu, R. E. Charlton, and S. B. Ramaswamy**
- 2001. Evidence for reproductive diapause in the fritillary *Speyeria idalia* (Lepidoptera: Nymphalidae). *Ann. Ent. Soc. Amer.* (Lanham), 94:427-432. [USA]
- Krenn, H. W., K. P. Zulka, and T. Gatschnegg**
- 2001. Proboscis morphology and food preferences in nymphalid butterflies (Lepidoptera: Nymphalidae). *J. Zool.* (London), 254:171-26.
- Krogen, R.**
- 2001. On the occurrence of *Vanessa atalanta* (Linnaeus, 1758) and *Vanessa cardui* (Linnaeus, 1758) in central Norway 1999 and 2000, and earlier stage records of both species north of the Arctic Circle in north Norway 2000 (Lepidoptera, Nymphalidae). *Atalanta* (Munich), 32:75-79.
- Kronforst, M. R., and T. H. Fleming**
- 2001. Lack of genetic differentiation among widely spaced subpopulations of a butterfly with home range behaviour. *Hered.* (Oxford), 86:243-250. [*Heliconius*] [Florida]
- Kuras, T., J. Beneš, M. Konvička, and L. Honč**
- 2001. Life histories of *Erebia sudetica sudetica* and *E. epiphron silesiana* with description of immature stages (Lepidoptera, Nymphalidae, Satyrinae). *Atalanta* (Munich), 32:187-196, pl.12. [Czech Rep.]
- Kuznetsov, V. I., and A. A. Stekolnikov**
- 2001. Comparative morphology of the male genitalia in the subfamilies Morphinae and Brassolinae and the resurrection of the family Satyridae, status resurr. (Lepidoptera) in new limits. *Ent. Obozr.* (Moscow), 80: 121-136. [in Russian]
- Lafranchis, T.**
- 2001. Écologie et biologie de l'Hermite (*Chazara briseis* Linnaeus, 1758) sur les causses du Quercy (Lot, France) (Lepidoptera: Nymphalidae, Satyrinae). *Linn. Belg.* (Beersel), 18:65-72.
- Leestmans, R.**
- 2001. Une nouvelle station de *Melitaea consulis* Wiltshire, 1941 en Iran et considérations sur les espèces affines (Lepidoptera: Nymphalidae). *Linn. Belg.* (Beersel), 18:57-64.
- Lukhtanov, V., and U. Eitschberger**
- 2001. Catalogue of the genera *Oeneis* and *Davidina*. In E. Bauer and T. Frankenbach (eds.), *Butterflies of the World*. Suppl. 4. Keltern: Goecke & Evers. 37pp.
- Miyata, A.**
- 2001. Observations on 'territories' occupied by imagines of *Mycalesis gotama* and *Ypthima argus* (Lepidoptera, Satyridae) in Japan. *Trans. Lepid. Soc. Japan* (Tokyo), 52:115-121.
- Moskowitz, D. P.**
- 2001. First record of the queen butterfly (*Danaus gilippus* Cramer) in New

- Jersey. *News Lepid. Soc.* (Los Angeles), 43:72, 74. [USA]
- Nakatani, T., and A. Kitagawa
2001. On the habitat of *Erebia niphonica* (Lepidoptera, Nymphalidae) in northern Honshu, Japan, II. Study on the ecological relations to subalpine coniferous forests. *Trans. Lepid. Soc. Japan* (Tokyo), 52:393-308. [in Japanese]
- Nekrutenko, Y. P.
2001. A catalogue of the type specimens of Nymphalidae deposited in the collection of the Staatliches Museum für Tierkunde Dresden (Insecta: Lepidoptera: Rhopalocera). *Ent. Abh.* (Dresden), 59:325-403.
- Neves, V. C., J. C. Fraga, H. Schaefer, V. Veira, A. Bivar de Sousa, and P. V. Borges
2001. The occurrence of the monarch butterfly, *Danaus plexippus* L. in the Azores, with a brief review of its biology. *Arq. Bol. Univ. Açores Cienc. Biol. Marin.* (Ponta Delgada), 18A:17-24.
- Nice, C. C., and A. M. Shapiro
2001. Patterns of morphological, biochemical, and molecular evolution in the *Oeneis chrysus* complex (Lepidoptera: Satyridae): a test of historical biogeographical hypotheses. *Molec. Phylogen. Evol.* (San Diego), 20: 111-123. [USA]
- Nylin, S., K. Nyblom, F. Ronquist, N. Janz, J. Belicek, and M. Kallersjo
2001. Phylogeny of *Polygona*, *Nymphalis* and related butterflies (Lepidoptera: Nymphalidae): a total-evidence analysis. *Zool. J. Linn. Soc.* (London), 132:441-468. [Eurasia]
- Oberhauser, K. S., M. D. Prysby, H. R. Mattila, D. E. Stanley-Horn, M. K. Sears, G. Dively, E. Olson, J. M. Peasants, W.-K. F. Lam, and R. L. Hellmich
2001. Temporal and spatial overlap between monarch larvae and corn pollen. *Proc. Natl. Acad. Sci.* (Washington), 98:11913-11918. [USA]
- Petit, S., A. Moilanen, I. Hanski, and M. Baguette
2001. Metapopulation dynamics of the bog fritillary butterfly: movements between habitat patches. *Oikos* (Copenhagen), 92:491-500. [Belgium]
- Platt, A. P., and J. F. Allen
2001. Sperm precedence and competition in doubly-mated *Limenitis arthemis-astyanax* butterflies (Rhopalocera: Nymphalidae). *Ann. Ent. Soc. Amer.* (Lanham), 94:654-663. [USA]
- Pratt, G. F., E. W. Hein, and D. M. Krofta
2001. Newly discovered populations and food plants extend the range of the endangered quino checkerspot butterfly, *Euphydryas editha quino* (Nymphalidae) in southern California. *J. Lepid. Soc.* (Los Angeles), 55:169-171. [USA]
- Priddle, T. R.
2001. Observations of red admiral, *Vanessa atalanta* (Nymphalidae), larval behavior. *News Lepid. Soc.* (Los Angeles), 43:69. [Canada]
- Rákosi, L., and Z. Varga
2001. *Carcharodus orientalis* Reverdin, 1913 (Hesperiidae) und *Melitaea (punica) telona* Fruhstorfer, 1908 (Nymphalidae) (Lepidoptera) in der Fauna Româniens. *Ent. Rom.* (Cluj), 5:45-49. (2000) [Romania]
- Robakiewicz, P., and J. E. Robbins
2001. Oviposition site choice in Harris' checkerspot, *Charidryas harrisii* (Nymphalidae). *NE Nat.* (Steuben), 8:293-300. [USA]
- Ross, G. N.
2001a. The monarch: what's in a name? *News Lepid. Soc.* (Los Angeles), 43: 20-21, 31. [USA]
2001b. New host plant for the silvery checkerspot, *Chlosyne nycteis*. *News Lepid. Soc.* (Los Angeles), 43:101, 105. [USA]
2001c. Clearwing leks induce jungle fever. *Amer. Butt.* (Morristown), 9(4):28-31. [Mexico]
- Rutowski, R. L., L. McCoy, and M. J. Demlong
2001. Visual mate detection in a territorial male butterfly (*Asterocampa leilia*): effects of distance and perch location. *Behav.* (Leiden), 138:31-43. [USA]
- Sala, G.
2001. An interesting aberration of *Limenitis populi* (Linnaeus, 1758) (Lepidoptera, Nymphalidae) from Italy. *Linn. Belg.* (Beersel), 18:93-94.
- Samodurov, G. D., V. A. Korolev, and V. V. Tshikolovets
2001. Eine Übersicht über die Satyrinen der Gattung *Hyponephele* Muschamp, 1915. VII. Die Arten *Hyponephele lycanon* (Rottemburg, 1775), *H. pasimelas* (Staudinger, 1886), *H. lycaonoides* D. Weiss, 1978, *H. przhewalskyi* Dubatov, Sergeev & Zhdanko, 1994, *H. dzungarica* Samodurov, 1996, *H. galtscha* (Grum-Grshimailo, 1893) und *H. lupina* (Costa, 1836) (Lepidoptera, Satyridae). *Atalanta* (Munich), 32: 111-186, pl. 8-11. [C. Asia]
- Schappert, P., and H. Reumkens
2001. American painted lady, *Vanessa virginiensis* (Nymphalidae), in Europe. *News Lepid. Soc.* (Los Angeles), 43:85.
- Schmitt, T., and A. Seitz
2001a. Analysis of the genetic structure and the areal system of central European populations of *Erebia medusa* (Lepidoptera: Nymphalidae). *Verh. Gesell. Ökol.* (Stuttgart), 29:381-387. [Germany] [in German]
2001b. Intraspecific allozymatic differentiation reveals the glacial refugia and the postglacial expansions of European *Erebia medusa* (Lepidoptera: Nymphalidae). *Biol. J. Linn. Soc.* (London), 74:419-458. [Germany]
- Schöps, K., and I. Hanski
2001. Population level correlation between pre-alighting and post-alighting host plant preference in the Glanville fritillary butterfly. *Ecol. Ent.* (London), 26:517-524. [Melitaea] [Finland]
- Sears, M. K., R. L. Hellmich, D. E. Stanley-Horn, K. S. Oberhauser, J. M. Pleasants, H. R. Mattila, B. D. Siegfried, and G. P. Dively
2001. Impact of Bt corn pollen on monarch butterfly populations: a risk assessment. *Proc. Natl. Acad. Sci.* (Washington), 98:11937-11942. [N. Amer.]
- Shahak, D.
2001. A recent record of *Junonia heta* from the Jordan Valley. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):8. [in Hebrew]
- Shelton, A. M., and M. K. Sears
2001. The monarch butterfly controversy: scientific interpretations of a phenomenon. *Plant J. Cell Molec. Biol.* (Oxford), 27:483-488. [USA]
- Shemesh, Y.
2001. A strange territoriality of *Vanessa atalanta*. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):4. [Israel] [in Hebrew]
- Showler, A.
2001. The possible introduction to Madeira of the monarch butterfly, *Danaus plexippus* (L.) (Lepidoptera). *Br. J. Ent. Nat. Hist.* (London), 14:43-44. [Madeira]
- Sōichirō, K.
2001. How to write etiquette, with a note on *Erebia pharte* collected by Hermann Hesse. *Yadoriga* (Tokyo), 189:41-45. [Austria] [in Japanese]
- Skala, P., K. G. Schurian, and W. ten Hagen
2001. A new subspecies of the genus *Pseudochazara* de Lesse, 1951 from Iran: *Pseudochazara schakuhensis* ssp. n. (Lepidoptera: Nymphalidae, Satyrinae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:141-144.
- Stefanescu, C.
2001. The nature of migration in the red admiral butterfly *Vanessa atalanta*: evidence from the population ecology in its southern range. *Ecol. Ent.* (London), 26:525-536. [Spain]
- Swanson, H. F., and J. Monge-N.
[2001]. The effects of methodological limitations in the study of butterfly behavior and demography: a daily study of *Vanessa atalanta* (Lepidoptera: Nymphalidae) for 22 years. *Revta. Biol. Trop.* (San Jose), 48:605-614. (2000) [USA]
- Tarrier, M. R.
2001. Une nouvelle plante-hôte de *Didymaeformia deserticola* (Oberthür, 1876) (Lepidoptera: Nymphalidae). *Linn. Belg.* (Beersel), 18:157-158. [Morocco]
- Taylor, O. R., T. A. Aschenbach, S. M. Ashworth, O. Komar, W. W. Spotts, and S. Williamson
2001. Magnetic compass orientation of monarch butterflies (Lepidoptera: Danaidae: *Danaus plexippus* L.): did observer effects lead to false positive results? *J. Kansas Ent. Soc.* (Lawrence), 73:71-76. (2000) [USA]
- Tomer, O.
2001. *Cyperus rotundus*, a new host plant of *Pararge maera* in Israel. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):12. [in Hebrew]
- Tschenn, J., J. E. Losey, L. Hansen-Jesse, J. J. Obrycki, and R. Hufbauer
2001. Effects of corn plants and corn pollen on monarch butterfly (Lepidoptera: Danaidae) oviposition behavior. *Environ. Ent.* (Lanham), 30:495-500. [USA]
- Tyler-Smith, C.
2001. An albino gatekeeper *Pyronia tithonus britanniae* Verity ab. *albinotica* Goodson (Lep.: Nymphalidae). *Ent. Rec. J. Var.* (Surrey), 113:41. [England]
- Volpe, G., and D. Jutzeler
2001. Différenciation spécifique d'*Hipparchia fagi* (Scopoli, 1763) et d'*Hipparchia alcyone* (Denis & Schiffermüller, 1776) de Campanie (Talie) et des régions limitrophes selon les caractères des ailes, des armatures génitales, de l'oeuf et de la chenille (Lepidoptera: Nymphalidae, Satyrinae). *Linn. Belg.* (Beersel), 18:1-26. [Italy]
- Wahlberg, N.
2001a. The phylogenetics and biochemistry of host-plant specialization in melitaeine butterflies (Lepidoptera: Nymphalidae). *Evol.* (Lawrence), 55:

- 522-537. [Sweden]
- 2001b. On the status of the scarce fritillary *Euphydryas maturna* (Lepidoptera: Nymphalidae) in Finland. *Ent. Fenn.* (Helsinki), 12:244-250.
- Wahlberg, N., J. Kullberg, and I. Hanski**
2001. Natural history of some Siberian melitaeine butterfly species (Nymphalidae: Melitaeini) and their parasitoids. *Ent. Fenn.* (Helsinki), 12:72-77. [Russia]
- Wakeham-Dawson, A., and R. L. H. Dennis**
2001. A quantitative description of the male genitalia of 23 taxa of *Pseudochazara* de Lesse, 1951 (Lepidoptera: Nymphalidae, Satyrinae). *Ent. Gaz.* (Wallingford), 52:227-250. [C. Asia, Europe]
- Williams, B. L.**
- 2001a. Patterns of morphological variation in *Speyeria idalia* (Lepidoptera: Nymphalidae) with implications for taxonomy and conservation. *Ann. Ent. Soc. Amer.* (Lanham), 94:239-243. [USA]
- 2001b. Recognition of western populations of *Speyeria idalia* (Nymphalidae) as a new subspecies. *J. Lepid. Soc.* (Los Angeles), 55:144-149. [USA]
- Williams, E. H.**
2001. Gillett's Checkerspot: life in a mountain meadow. *Amer. Butt.* (Morristown), 9(2):6-13. [USA]
- Windig, J. J., P. T. Rintamaki, A. Cassel, and S. Nylin**
2001. How useful is fluctuating asymmetry in conservation biology: asymmetry in rare and abundant *Coenonympha* butterflies. *J. Ins. Conserv.* (Dordrecht), 4:253-261. (2000) [Sweden]
- Zalucki, M., L. P. Brower, and A. Alonso-M.**
2001. Detrimental effects of latex and cardiac glycosides on survival and growth of first-instar monarch butterfly larvae *Danaus plexippus* feeding on the sandhill milkweed *Asclepias humistrata*. *Ecol. Ent.* (London), 26:212-224. [USA]
- Zirlin, H.**
2001. Occam's razor: was Gillett's checkerspot named? *Amer. Butt.* (Morristown), 9(2):43-47. [USA]
- OECOPHORIDAE**
- Bolshakov, L. V.**
- [2001]. Microlepidoptera of Tula area. 7. Oecophorid, depressariid, ethmiid moths (Lepidoptera). *Russ. Ent. J.* (Moscow), 9:359-365. (2000) [Russia] [in Russian]
- Edmunds, R., and R. Parfitt**
2001. A further note on the occurrence of *Tachystola acroxantha* (Meyr.) (Lep.: Oecophoridae) and additional Cornish records. *Ent. Rec. J. Var.* (Surrey), 113:192. [England]
- Goznány, L.**
2001. *Symmoca deprinsi* sp. nov. and *Amselina olympi* from Asia Minor (Lepidoptera: Symmocidae). *Phegea* (Antwerp), 29:121-124.
- Hässler, R., and W. Topp**
2001. Adaptations of the brown house moth (*Hofmannophila pseudospretella* Stanton 1849) for a development in storerooms. *Verh. Gesell. Ökol.* (Stuttgart), 29:231-236. [Germany] [in German]
- Heckford, R. J., and M. R. Young**
2001. *Exaeretia cinflonella* (Lienig & Zeller, 1846) (Lepidoptera: Oecophoridae) in the British Isles. *Ent. Gaz.* (Wallingford), 52:209-212.
- Huemer, P.**
2001. *Denisia fuscicapitella* sp. n., a new moth species of the southwest Alps (Lepidoptera: Oecophoridae). *Linzer Biol. Beitr.* (Linz), 33:339-345. [Austria] [in German]
- Kameda, M.**
2001. Oecophoridae of Hokkaido IV. *Yugato* (Niigata), 165:83-89. [Japan] [in Japanese]
- Lvovsky, A. L.**
- 2001a. *Pseudocryptolechia*, a new genus from south Russia (Lepidoptera, Oecophoridae). *Atalanta* (Munich), 32:259-261.
- 2001b. New and little known species of flat and [broad]-winged moths (Lepidoptera, Depressariidae, Oecophoridae) in the fauna of Russia and adjacent countries. *Zool. Zhurn.* (Moscow), 80:1459-1467. [in Russian]
- Miyano, A.**
2001. *Pantelamprus staudingeri* Christoph (Xyloryctidae) from Gifu Prefecture. *Yugato* (Niigata), 164:57. [Japan] [in Japanese]
- Sutter, R.**
2001. Zur Identität von *Oegoconia ariadne* Gozmany, 1988 (Lep., Symmocidae). *Ent. Nachr. Ber.* (Dresden), 45:111-114. [Germany]
- Wang, S.-X., H.-H. Li, Z.-M. Zheng**
2001. One new species and one new record of the genus *Promalactis* Meyrick from China (Lepidoptera: Oecophoridae). *Acta Ent. Sinica* (Beijing), 44:92-94.
- PAPILIONIDAE**
- Brock, J.**
2001. Life styles of the scaled and beautiful: pipevine swallowtail. *Amer. Butt.* (Morristown), 9(1):42-45. [USA]
- Caterino, M. S., R. D. Reed, M. M. Kuo, and F. A. H. Sperling**
2001. A partitioned likelihood analysis of swallowtail butterfly phylogeny (Lepidoptera: Papilionidae). *Syst. Biol.* (Bristol, Pa), 50:106-127.
- Descimon, H.**
2001. A propos de la Thaïs d'Honorat (morpho *honorati* de la proserpine, *Zerynthia rumina* Esper) (Lepidoptera, Papilionidae). *Bull. Soc. Ent. Fr.* (Paris), 106:109-126. [France]
- Eitschberger, U., and H. Steiniger**
2001. Papilionidae und Pieridae 2000. *Atalanta* (Munich), 32:311-318. [Germany]
- Forys, E. A., A. Quistorff, and C. R. Allen**
2001. Potential fire ant (Hymenoptera: Formicidae) impact on the endangered Schaus swallowtail (Lepidoptera: Papilionidae). *Fla. Ent.* (Gainesville), 84:254-258. [USA]
- Hadashi, D., and O. Tomer**
2001. Two aberrants of *Pararge maera* and *Papilio machaon* in Israel. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):44. [in Hebrew]
- Heinkele, P.**
- 2001a. *Parnassius*-Abenteuer auf dem Dach der Welt. *Ent. Zeit.* (Stuttgart), 111:141-146. [Tibet]
- 2001b. Über die Zucht von *Parnassius bremeri* (Bremer, 1864), *Parnassius nomion mandschuriae* (Oberthür, 1891) und *Parnassius tianschanicus astristicus* (Ohya, 1988) mit Beschreibung der Praeimaginalstadien (Lepidoptera: Papilionidae). *Ent. Zeit.* (Stuttgart), 111:360-364. [C. Asia]
- Heppner, J. B.**
- 2001a. Relationship between the giant swallowtail and citrus. *Lepid. News* (Gainesville), 2001(3):6. [USA]
- 2001b. *Papilio eurymedon* conserved. *Lepid. News* (Gainesville), 2001(3):9. [USA]
- 2001c. Atlas of North American Lepidoptera. Checklist: Part 1. Papilionidae. *Lepid. News* (Gainesville), 2001(3):57-67.
- Hürter, W.**
2001. Ein Beitrag zur Biologie einiger Populationen des *Zerynthia (Allancastria)*-Artenkreises in der östlichen Mediterraneis (Lepidoptera: Papilionidae). *Ent. Zeit.* (Stuttgart), 111:8-17. [Crete; Turkey]
- Ito, T., A. Yamanaka, H. Tanaka, M. Watanabe, and K. Endo**
2001. Evidence for the presence of the summer-morph-producing hormone in the swallowtail butterfly, *Papilio xuthus* L. (Lepidoptera: Papilionidae). *Zool. Sci.* (Tokyo), 18:1117-1122. [Japan]
- Kato, Y.**
2001. Seasonal occurrence of the *Aristolochia*-feeding butterfly *Atrophaneura alcinous* (Lepidoptera, Papilionidae): comparison between the lowland and mountain populations. *Trans. Lepid. Soc. Japan* (Tokyo), 52:139-149. [Japan] [in Japanese]
- Kato, Y., and H. Yamada**
2001. Effect of light irradiation on blue-green coloration of larval integument and adult wing in the butterfly *Graphium sarpedon* (Lepidoptera, Papilionidae). *Trans. Lepid. Soc. Japan* (Tokyo), 52:279-287. [Japan]
- Kawagoe, T., N. Suzuki, and K. Matsumoto**
2001. Multiple mating reduces longevity of females of the windmill butterfly *Atrophaneura alcinous*. *Ecol. Ent.* (London), 26:258-262. [Japan]
- Kitahara, M., M. Iriki, and G. Shimizu**
2001. On the relationship between the northward distributional expansion of the great mormon butterfly, *Papilio memnon* Linnaeus, and climatic warming in Japan. *Trans. Lepid. Soc. Japan* (Tokyo), 52:253-264. [in Japanese]
- Konvička, M., M. Duchoslav, M. Haraštová, J. Beneš, S. Foldynová, M. Jirků, and T. Kuras**
2001. Habitat utilization and behaviour of adult *Parnassius mnemosyne* (Lepidoptera: Papilionidae) in the Litovelské Pomoraví, Czech Republic. *Nota Lepid.* (Karlsruhe), 24(1/2):39-51.
- Kumazawa, K., and H. Tabata**
2001. A three-dimensional fluorescence analysis of the wings of male *Morpheus sulkowskyi* and *Papilio xuthus* butterflies. *Zool. Sci.* (Tokyo), 18:1073-1079. [Japan]
- Luoto, M., M. Kuussaari, H. Rita, J. Salminen, and T. von Bonsdorff**
2001. Determinants of disruption and abundance in the clouded apollo butterfly: a landscape ecological approach. *Ecography* (Copenhagen), 24:601-617. [Finland]
- Matsumura, T.**
2001. Conservation of the declining *Luehdorfia puziloi inexpecta* Sheljuzhko

- (Lepidoptera, Papilionidae) at Mt. Akagi in Gunma Prefecture, Japan. *Trans. Lepid. Soc. Japan* (Tokyo), 52:91-100.
- Miller, E.**
 2001. Breeding experiments of *Papilio machaon*. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):5-6. [Israel] [in Hebrew]
- Nekrutenko, Y. P.**
 2001. A catalogue of the type specimens of Papilionidae deposited in the collection of the Staatliches Museum für Tierkunde Dresden (Insecta: Lepidoptera: Rhopalocera). *Ent. Abh.* (Dresden), 59:405-453.
- Nieminens, M., P. Nuorteva, and E. Tulisalo**
 2001. The effect of memtals on the mortality of *Parnassius apollo* larvae (Lepidoptera: Papilionidae). *J. Ins. Conserv.* (Dordrecht), 5:1-7. [Finland]
- Pierrat, V.**
 2001. Essais d'évaluation quantitative de populations de *Papilio machaon* L. sur le Massif vosgien, et données originales pour la protection de l'espèce (Lepidoptera: Papilionidae). *Bull. Soc. Ent. Mulhouse*, 57:62-67. [France]
- Rose, K.**
 2001. Zur Verbreitung und subspezifischen Gliederung von *Parnassius labeyriei* Weiss & Michel, 1989 und *Parnassius hide* Koiwaya, 1987 in China (Lepidoptera: Papilionidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:129-135. [China, Tibet]
- Scriber, J. M., N. Margraf, and T. Wells**
 2001. Suitability of four families of Florida "bay" species for *Papilio palamedes* and *P. glaucus* (Papilionidae). *J. Lepid. Soc.* (Los Angeles), 54:131-136. (2000) [USA]
- Stetten, M. von**
 2001. Beobachtungen zur Biologie von *Zerynthia (Allancastria) cerisy* Godart, 1822, auf der Insel Zypern (Lepidoptera: Papilionidae). *Ent. Zeit.* (Stuttgart), 111:108-112. [Cyprus]
- Takakuwa, M., and S. Nakamura**
 2001. Notes on discovery of the spinning behaviour before pupation in *Leuhedorfia japonica* (Lepidoptera, Papilionidae). *Trans. Lepid. Soc. Japan* (Tokyo), 52:122-126. [Japan] [in Japanese]
- Wagener, P. S.**
 2001. Auf der Jagd nach Parnassien in den chinesischen Provinzen Kansu und Hsinghao vor 60 bis 70 Jahren — eine historische Skizze. *Ent. Zeit.* (Stuttgart), 111:66-74. [China]
- Weindel, V.**
 2001. Der Apollofalter (*Parnassius apollo* Linnaeus, 1758) in Siebenbürgen. *Ent. Rom.* (Cluj), 5:5-10. (2000) [Romania]
- Yagi, T., T. Katoh, A. Chichvarkhin, T. Shinkawa, and K. Omoto**
 2001. Molecular phylogeny of butterflies *Parnassius glacialis* and *P. stubbendorfi* at various localities in East Asia. *Genes Gen. Syst.* (Tokyo), 76:229-234. [Japan]
- Yagi, T., and K. Omoto**
 2001. Molecular identification of maternal species of natural hybrids between *Parnassius citrinarius* and *P. stubbendorfi* (Lepidoptera, Papilionidae) in Hokkaido. *Trans. Lepid. Soc. Japan* (Tokyo), 52:163-167. [Japan]
- Yoshio, M., and M. Ishii**
 2001. Relationship between cold hardiness and northward invasion in the great mormon butterfly, *Papilio memnon* L. (Lepidoptera: Papilionidae) in Japan. *Appl. Ent. Zool.* (Tokyo), 36:329-335.
- PIERIDAE**
- Agrawal, A. A.**
 2001. Transgenerational consequences of plant responses to herbivory: an adaptive maternal effect? *Amer. Nat.* (Chicago), 157:555-569. [Canada]
- Aguiar, A. M. F., and A. Wakeham-Dawson**
 2001. On the status of *Catopsilia florella* (Fabricius, 1775) (Lepidoptera: Pieridae) in Madeira, Portugal, nine months after its arrival. *Ent. Gaz.* (Wallingford), 52:77-79.
- Back, W.**
 2001a. Beschreibung einer neuen Unterart von *Euchloe tagis* Hübner, 1804: *Euchloe tagis piemonti* subspec. nov. (Lepidoptera, Pieridae). *Atalanta* (Munich), 32:99-102, pl. 3-4. [Italy]
 2001b. Zur Biologie von *Euchloe belemia hesperidum* Rothschild, 1913 (Lepidoptera, Pieridae). *Atalanta* (Munich), 32:103-106, pl. 5-6a. [Canary Is.]
- Back, W., and R. Leestmans**
 2001a. Une nouvelle sous-espèce d'*Euchloe lessei* Bernardi, 1957 dans la chaîne de Qohrud (Iran centrale): *E. lessei qohrudicus* ssp. nov. (Lepidoptera: Pieridae). *Linn. Belg.* (Beersel), 18:187-190.
 2001b. Une nouvelle sous-espèce d'*Euchloe penia* (Freyer, 1852) du nord-ouest de l'Iran: *taleschicus* ssp. nova (Lepidoptera: Pieridae). *Linn. Belg.* (Beersel), 18:193-198.
- Benyaminini, D.**
 2001a. *Hirshfeldia incana*, a new host plant of *Anthocharis cardamines* in Israel. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):11. [in Hebrew]
 2001b. *Diplotaxis erucoides*, a new host plant of *Euchloe belemia* and *Euchloe ausonia* in Israel. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):13. [in Hebrew]
 2001c. *Colotis chrysonome* is getting closer to Sdom, s. Dead Sea. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):33. [in Hebrew]
- Casini, P. M.**
 2001. Les premiers états d'*Euchloe tagis calvensis* Casini, 1993. Carte de répartition d'*Euchloe tagis* (Hübner, 1804) en Italie centrale. Considérations géologiques et zoogéographiques (Lepidoptera: Pieridae). *Linn. Belg.* (Beersel), 18:75-86. [Italy]
- Churkin, S., J. Grieshaber, P. Bogdanov, and D. Zamolodchikov**
 2001. Ein Ersatzname für eine kürzlich beschriebene Unterart von *Colias tyche* Böber, 1812 (Lepidoptera, Pieridae). *Atalanta* (Munich), 32:262-263.
- Corke, D.**
 2001. *Leptidea reali* not known from Britain. *Ent. Rec. J. Var.* (Surrey), 113:254.
- Eales, H. T.**
 2001. Postponed emergence in the orange-tip butterfly *Anthocharis* [sic] *cardamines* (L.) – a footnote. *Ent. Rec. J. Var.* (Surrey), 113:40. [England]
- Eitschberger, U.**
 2001. Fünfzehnte Ergänzung zu "Systematische Untersuchungen am *Pieris napi-bryoniae*-Komplex (s.l.)" Eine neue Unterart von *Pieris napi* (Linnaeus, 1758) vom Polar Ural (Lepidoptera, Pieridae). *Atalanta* (Munich), 32:85-88, pl. 1. [Russia]
- Grieshaber, J., V. A. Lukhtanov, and A. L. Lvovsky**
 2001. Die Lectotypen von *Colias hyperborea* Grum-Grshimailo, 1900, *Colias aquilonaris* Grum-Grshimailo, 1900, und *Colias hecla* var. *orientalis* Grum-Grshimailo, 1900 (Lepidoptera: Pieridae). *Ent. Zeit.* (Stuttgart), 111:168-172. [Russia]
- Haughum, J.**
 2001. The lectotypes of *chrysoptera* Grum-Grshimäilo, 1888 and *seres* Grum-Grshimäilo, 1890 – two lectotypes in the *wiskotti*-group. *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:9-11. [Afghanistan, Tadzhikistan]
- Hensle, J.**
 2001a. Zur Frage der subspezifischen Zuordnung von "*Pieris bryoniae lappona*" Tangnow, 1935 (Lepidoptera, Pieridae). *Atalanta* (Munich), 32:89-95, pl. 2. [Sweden]
 2001b. Kleiner Beitrag zur Kenntnis der Biologie von *Pieris cheiranthi benchoavensis* Pinker, 1968 (Lepidoptera, Pieridae). *Atalanta* (Munich), 32:97-98. [Canary Is.]
 2001c. Die ökologische Variation von *Pieris napi* (Linnaeus, 1758) (Lepidoptera, Pieridae). *Atalanta* (Munich), 32:389-394, pl. 18. [Germany]
- Hirota, T., K. Hamano, and Y. Obara**
 2001. The influence of female post-emergence behavior on the time schedule of male mate-locating in *Pieris rapae crucivora*. *Zool. Sci.* (Tokyo), 18:475-482. [Japan]
- Hirschfeld, G., and W. Back**
 2001. *Anthocharis bieti tsangpoana* Riley, 1928: Biotop und Status (Lepidoptera, Pieridae). *Atalanta* (Munich), 32:107-109, pl. 7. [Tibet]
- Hofmann, P. J., and W. Eckweiler**
 2001. Eine neue Unterart von *Aporia crataegi* (Linnaeus, 1758) aus Zentraliran (Lepidoptera: Pieridae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:137-140. [Iran]
- Hopkins, R. J., and J. J. A. van Loon**
 2001. The effect of host acceptability on oviposition and egg accumulation by the small white butterfly, *Pieris rapae*. *Physiol. Ent.* (London), 26:149-157. [Netherlands]
- Jones, R. A.**
 2001. Clouded yellow breeding in urban London. *Ent. Rec. J. Var.* (Surrey), 113:160. [England]
- Korb, S. K.**
 2001. Une nouvelle sous-espèce d'*Artogeia banghaasi* (Sheljuzhko, 1910) de la chaîne Kirghize (Lepidoptera Pieridae). *Alexanor* (Paris), 21:151-152. (1999) [Kirghizstan]
- Langan, A. M., C. P. Wheater, and P. J. Dunleavy**
 2001. Does the small white butterfly (*Pieris rapae* L.) aggregate eggs on plants with greater gas exchange activity? *J. Ins. Behav.* (New York), 14:459-468. [England]
- Leestmans, R., and W. Back**
 2001. Discovery of a new *Euchloe* species and additional data on the distribution of the taxa of the subgenus *Elphinstonia* in Iran (Lepidoptera

- Pieridae). *Linn. Belg.* (Beersel), 18:137-144.
- Lewis, O. T., and C. D. Thomas**
2001. Adaptations to captivity in the butterfly *Pieris brassicae* (L.) and the implications for ex situ conservation. *J. Ins. Conserv.* (Dordrecht), 5:55-663. [England]
- Lyytinen, A., R. V. Alatalo, L. Lindstrom, and J. Mappesugim**
2001. Are European white butterflies aposematic? *Evol. Ecol.* (London), 13: 709-719. (1999) [Finland]
- Mazel, R.**
- 2001a. Le polymorphisme de deux "espèces jumelles" *Leptidea sinapis* L. Et *L. reali* Reissinger en France (Lepidoptera: Pieridae). *Linn. Belg.* (Beersel), 18:37-43.
- 2001b. Une sous-espèce asiatique de *Leptidea reali* Reissinger: *L. reali yakovlevi* ssp. nova (Lepidoptera, Pieridae, Dismorphinae). *Linn. Belg.* (Beersel), 18:103-104. [Russia (Siberia)]
- 200c. *Leptidea sinapis* L., 1758 - *L. reali* Reissinger, 1989, le point de la situation (Lepidoptera: Pieridae, Dismorphinae). *Linn. Belg.* (Beersel), 18:199-202. [Ireland]
- Miller, E.**
2001. *Armoracia lapathifolia* a host plant of *Pieris brassicae* in Israel. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):14. [in Hebrew]
- Nelson, B., M. Hughes, R. Nash, and M. Warren**
2001. *Leptidea reali* Reissinger 1989 (Lep.: Pieridae): a butterfly new to Britain and Ireland. *Ent. Rec. J. Var.* (Surrey), 113:97-101.
- Rose, K.**
2001. Eine neue Unterart von *Colias wiskotti* Staudinger, 1882 aus Chitral (Nordpakistan) und Probleme der Unterartenabgrenzung im südsüdöstlichen Verbreitungsgebiet (Lepidoptera: Pieridae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.), 22:5-9, 11. [Afghanistan, Pakistan]
- Rothschild, M.**
2001. The marbled white (*Melanargia galathea*) a toxic butterfly. *Antenna* (London), 25:176-177. [England]
- Schappert, P.**
2001. Falcate orangetips, *Anthocharis midea* Hübner, at the Stengl "Lost Pines" Biological Station near Smithville, Bastrop Co., TX. *News Lepid. Soc.* (Los Angeles), 43:61. [USA]
- Spieth, H. R., and E. Schwarzer**
2001. Aestivation in *Pieris brassicae* (Lepidoptera: Pieridae): implications for parasitism. *Eur. J. Ent.* (České Budějovice), 98:171-176. [Germany]
- Sutherland, J. P.**
2001. Orange-tip *Anthocharis cardamines* (L.) (Lep.: Pieridae) recorded from *Brassica rapa*. *Ent. Rec. J. Var.* (Surrey), 113:200-201. [England]
- Ueno, M.**
2001. A note on *Pieris brassicae* (V.) invading the whole area of Hokkaido. *Yadoriga* (Tokyo), 189:14-19. [Japan] [in Japanese]
- Verhulst, J.**
- 2001a. Fiches spécifiques des *Colias* Fabricius (*Colias* data sheets) (Lepidoptera, Pieridae). Quarante-cinquième fiche. *Lambill.* (Tervuren), 101:23-30. [Canada, USA]
- 2001b. Fiches spécifiques des *Colias* Fabricius (*Colias* data sheets) (Lepidoptera, Pieridae). Quarante-sixième fiche. *Lambill.* (Tervuren), 101:251-259. [Canada, USA]
- 2001c. Fiches spécifiques des *Colias* Fabricius (*Colias* data sheets) (Lepidoptera, Pieridae). Quarante-septième fiche. *Lambill.* (Tervuren), 101:482-487. [Canada, USA]
- 2001d. Fiches spécifiques des *Colias* Fabricius (*Colias* data sheets) (Lepidoptera, Pieridae). Quarante-huitième fiche. *Lambill.* (Tervuren), 101:617-620. [USA]
- Yakovlev, R. V.**
2001. New data on the fauna of the Pieridae (Lepidoptera: Rhopalocera) of the Asian part of Russia. *Russ. Ent. J.* (Moscow), 10:431.
- Yamamura, K.**
2001. Theoretical studies on the relationship between the spatial distribution of insects and population dynamics. *Bull. Natl. Inst. Agro-Environ. Sci.* (Tokyo), 19:1-60. [Pieridae] [in Japanese]
- PRODOXIDAE**
- Althoff, D. M., J. D. Groman, K. A. Segraves, and O. Pellmyr**
2001. Phylogeographic structure in the bogus yucca moth *Prodoxus quinquepunctellus* (Prodoxidae): comparisons with coexisting pollinator yucca moths. *Molec. Phylogen. Evol.* (San Diego), 21:117-127. [USA]
- Hollowell, V. C., and P. M. Richardson**
2001. Coevolution: biological observations from yucca moths to molecules, an introduction. *Ann. Mo. Bot. Garden* (St. Louis), 88:1-4. [USA]
- Pellmyr, O., M., Balcázar-L., and J. Leebens-M.**
2001. Las interacciones de especies y la coevolución en la generación de la biodiversidad. In H. Hernandez, A. N. Garcia-A., F. Alvarez, and M. Ulloa (eds.), *En Foques Contemporaneos: Estudio de la Biodiversidad*, 39-56. Mexico City: Univ. Nac. Auton. Mex. [Mexico, USA]
- Powell, J. A.**
2001. Longest insect dormancy: yucca moth larvae (Lepidoptera: Prodoxidae) metamorphose after 20, 25, and 30 years of diapause. *Ann. Ent. Soc. Amer.* (Lanham), 94:677-680. [USA]
- Segraves, K. A., and O. Pellmyr**
2001. Phylogeography of the yucca moth *Tegeticula maculata*: the role of historical biogeography in reconciling high genetic structure with limited speciation. *Molec. Ecol.* (Oxford), 10:1247-1253. [USA]
- PSYCHIDAE**
- Solyanikov, V. P.**
2001. New genus and species of bagworm moths (Lepidoptera, Psychidae) from Armenia and Moscow region. *Zool. Zhurn.* (Moscow), 80:503-508. [Armenia, Russia] [in Russian]
- Sugimoto, M., and T. Saigusa**
2001. External morphology and musculature of the female of a specialized psychid, *Acanthopsyche nigrapлага* (Wileman) (Lepidoptera, Psychidae). *Trans. Lepid. Soc. Japan* (Tokyo), 52:313-331. [Japan]
- Weidlich, M.**
- [2001]. Psychidae studies in Central Asia, part II. A new genus of Psychidae *Sauterelia* n. gen., with description of *lukhtanovi* n. sp. from western Tienshan, Kazakhstan (Lep. Psychidae). *Linzer Biol. Beitr.* (Linz), 32:1275-1284. (2000) [in German]
2001. Studies of Psychidae in Central Asia. III. The description of the new Psychidae genus *Armidalia* n. gen. with two new species, *ornamentalis* n. sp. and *orientalis* n. sp. from the northern Tienshan in Kazakhstan (Lepidoptera: Psychidae). *Linzer Biol. Beitr.* (Linz), 33:561-577. [in German]
- PTEROPHORIDAE**
- Agassiz, D. J. L.**
2001. *Alucita ochroductyla* (Denis & Schiffermüller, 1775) (currently *Gillmeria* or *Platyptilia ochroductyla*; Insecta, Lepidoptera): proposed conservation of usage of the specific name by the designation of a neotype for *Phalaena tetractyla* Linnaeus, 1758. *Bull. Zool. Nomencl.* (London), 58:282-285. [Europe]
- Bolshakov, L. V.**
2001. Regional chorology-oecological and nature protection analysis of the fauna of plume moths (Lepidoptera, Pterophoridae) of the Tula region. *Byull. Moskov. Obshch. Isp. Prir. Biol.* (Moscow), 106:55-61. [Russia] [in Russian]
- Gastón, J., and A. Vives-M.**
- [2001]. *Emmelina argoteles* (Meyrick, 1922), *Stenoptilia nepetellae* Bigot & Picard, 1983 y *Myrmecozela diacona* Walsingham, 1907, nuevas especies para España (Insecta: Lepidoptera). *SHILAP Revta. Lepid.* (Madrid), 28:429-433. (2000) [Spain]
- Nupponen, K., and M. Ahola**
2001. Notes on the biology of *Pterophorus volvensis* (Möschler, 1862) with description of the larval stage (Lepidoptera, Pterophoridae). *Ent. Fenn.* (Helsinki), 12:22-27. [Russia]
- Nupponen, K., and T. Nupponen**
2001. *Pterophorus poculidactyla* sp. n. from the Altai Mountains (Lepidoptera: Pterophoridae). *Ent. Fenn.* (Helsinki), 12:50-52. [Russia]
- Spronck, R.**
2001. *Buszkoiana capnodacylus*, une nouvelle espèce pour la faune belge (Lepidoptera: Pterophoridae). *Phegea* (Antwerp), 29:73-75. [Belgium]
- Ustjuzhanin, P. Y.**
2001. New species, distribution records and synonymies of plume moths (Lepidoptera, Pterophoridae) from the Palearctic region. *Nota Lepid.* (Karlsruhe), 24(3):11-32. [Kazakhstan, Russia, Tajikistan, Turkmenistan]
- PYRALIDAE**
- Andow, D. A.**
2001. Patterns of feeding and mortality of adult European corn borer (Lepidoptera: Crambidae) in the laboratory. *Ann. Ent. Soc. Amer.* (Lanham), 94:563-565. [USA]
- Baskauf, S. J., and D. E. McCauley**
2001. Evaluation of low temperature mortality as a range-limiting factor for the southwestern corn borer (Lepidoptera: Crambidae). *Environ. Ent.* (Lanham), 30:181-188. [USA]
- Brusseaux, G., G. C. Luquet, R. Mazel, S. Peslier, and P. Zagatti**

2001. Les pyrales des Pyrénées-Orientales inventaire raisonné (suite et fin) (Lepidoptera Pyraloidea). *Alexanor* (Paris), 131-150. (1999) [France]
- Carpenter, J. E., S. Bloem, and K. A. Bloem**
2001. Inherited sterility in *Cactoblastis cactorum* (Lepidoptera: Pyralidae). *Fla. Ent.* (Gainesville), 84:537-542. [USA]
- Chen, T.-M., S.-M. Song, and D.-C. Yuan**
2001. The genus *Chrysoteuchia* Hübner (Lepidoptera: Pyralidae: Crambinae) from China with descriptions of five new species. *Oriental Ins.* (Gainesville), 35:177-192.
- Clifton, J., and A. Wander**
2001. A further late record of the mother of pearl moth *Pleuroptya ruralis* (Scop.) (Lep.: Pyralidae). *Ent. Rec. J. Var.* (Surrey), 113:82. [England]
- Cook, R. R.**
2001. *Dioryctria schuetzeella* Fuchs (Lep.: Pyralidae) in Dorset. *Ent. Rec. J. Var.* (Surrey), 113:64. [England]
- Heckford, R. J.**
- 2001a. A further note on the larva of *Crambus uliginosellus* Zeller (Lepidoptera: Pyralidae). *Ent. Gaz.* (Wallingford), 52:80-81. [England]
- 2001b. *Apomyelois ceratoniae* (Zeller) (Lepidoptera: Pyralidae) bred from pomegranates and a larval description. *Ent. Gaz.* (Wallingford), 52:81-82. [England]
- Kameda, M.**
2001. Records of two phycitini species (Pyralidae) from the southern part of Tokachi in Hokkaido. *Yugato* (Niigata), 165:90. [Japan] [in Japanese]
- Kim, Y.-K., and Y.-S. Bae**
2001. Taxonomic study of four unrecorded species of Pyraustinae (Lepidoptera, Crambidae) from Korea. *Ins. Koreana* (Chuncheon), 18:79-86.
- Knill-Jones, S. A.**
2001. A further late occurrence of the mother-of-pearl moth *Pleuroptya ruralis* (Scop.) (Lep.: Pyralidae) in the Isle of Wight. *Ent. Rec. J. Var.* (Surrey), 113:83. [England]
- Kogi, H.**
- 2001a. Larvae and hostplants of *Herpetogramma magna* (Butler) (Crambidae) and *Calguia defigialis* Walker (Pyralidae) in Hokkaido. *Yugato* (Niigata), 163:15-16. [Japan] [in Japanese]
- 2001b. Hostplants and larvae of *Nascia ciliaris* (Hübner) and *Sitochroa verticalis* (Linnaeus) (Crambidae) in Hokkaido. *Yugato* (Niigata), 166:105-106. [Japan] [in Japanese]
- Langmaid, J. R.**
2001. *Catoptria verellus* (Zincken) (Lepidoptera: Pyralidae) in Hampshire. *Ent. Gaz.* (Wallingford), 52:226. [England]
- Leraut, P. J. A.**
- 2001a. Contribution à l'étude de phycites paléarctiques (Lepidoptera, Pyralidae, Phycitinae). *Rev. Fr. Ent.* (Paris), (n.s.) 23:129-141. [Algeria; Europe]
- 2001b. Contribution à l'étude de pyrales paléarctiques (Lepidoptera, Pyraloidea). *Nouv. Rev. Ent.* (Paris), (n.s.) 18:173-185. [France, Morocco, Turkey, Yugoslavia]
- Mahr, D. L.**
2001. *Cactobasis cactorum* (Lepidoptera: Pyralidae) in North America: a workshop of assessment and planning. *Fla. Ent.* (Gainesville), 84:465-473.
- Manning, D.**
2001. *Chrysoteuchia culmella* (L.) (Lep.: Pyralidae) flight period. *Ent. Rec. J. Var.* (Surrey), 113:70. [England]
2001. The life history of *Dasyphyga alternosquamella* Ragonot (Pyralidae) feeding on the southwestern dwarf mistletoe (*Arceuthobium vaginatum*) in Colorado. *J. Lepid. Soc.* (Los Angeles), 55:140-143. [USA]
- Murase, M.**
- 2001a. *Herpetogramma albipennis* Inoue (Crambidae, Pyraustinae) from Walayama. *Japan Heteroc. J.* (Tokyo), 212:234. [Japan] [in Japanese]
- 2001b. Life-cycle of *Glyphodes bipunctalis* Leech (Pyralidae) occurring in my garden in Wakayama. *Japan Heteroc. J.* (Tokyo), 213:253-254. [in Japanese]
- 2001c. Larva of *Carminibotys carinalis* iwayakisana Munroe & Mutuura (Crambidae, Pyraustinae) feeding on *Phyllanthus flexuosus* (Euphorbiaceae). *Japan Heteroc. J.* (Tokyo), 214:268-269. [Japan]
- 2001d. Hostplant of *Trachycera hollandella* (Ragonot) (Pyralidae, Phycitinae) in Wakayama. *Yugato* (Niigata), 166:106. [Japan] [in Japanese]
- Murata, M., and S. Tojo**
2001. Seasonal fluctuation of residual flight energy source in the rice leaf roller, *Cnaphalocrocis medinalis* (Lepidoptera: Pyralidae) adults. *Japan. J. Ent.* (Tokyo), (n.s.) 4:1-9. [Japan] [in Japanese]
- Nuss, M., and A. Kallies**
2001. *Titanio caradjae* (Rebel, 1902) comb. n., transferred from Brachodidae (Sesioidae) to Crambidae (Pyraloidea). *Nota Lepid.* (Karlsruhe),
- 24(3):33-39. [Armenia, Romania]
- Ohno, S.**
2001. New records for geographical distributions of the genus *Ostrinia* (Lepidoptera: Crambidae) in Japan. *Japan. J. Ent.* (Tokyo), (n.s.) 4:63-64. [in Japanese]
- Paek, M.-K., and Y.-S. Bae**
2001. A revision of the genus *Nephopterix* Hübner (Lepidoptera, Pyralidae, Phycitinae, Phycitini) from Korea. *Ins. Koreana* (Chuncheon), 18:293-306.
- Patocka, J.**
- 2001a. Die Puppen der mitteleuropäischen Zünsler (Lepidoptera: Pyraloidea, Pyralidae). Unterfamilien Acentropinae, Odontinae, Evergestinae und Pyraustinae. *Linzer Biol. Beitr.* (Linz), 33:339-345. [Europe]
- 2001b. Die Puppen der mitteleuropäischen Zünsler: Charakteristik, Bestimmungstabellen der Unterfamilien Gallerinae, Pyralinae und Phycitinae. *Beitr. Ent.* (Berlin), 51:411-516. [Europe]
- Piao, M.-H., and C.-Y. Lee**
2001. Description of larvae of three species in Pyralidae of Korea (Lepidoptera: Pyralidae). *Korean J. Ent.* (Seoul), 31:109-113.
- Pinckney, R. D., K. Kanton, C. N. Foster, H. Steinberg, and P. Pellitteri**
2001. Infestation of a bird and two cats by larvae of *Plodia interpunctella* (Lepidoptera: Pyralidae). *J. Med. Ent.* (Lanham), 38:725-727. [USA]
- Plant, C. W.**
2001. A late occurrence of the mother of pearl moth *Pleuroptya ruralis* (Scop.) (Lep.: Pyralidae). *Ent. Rec. J. Var.* (Surrey), 113:2. [England]
2001. *Duponchelia fovealis* Zell. (Lep.: Pyralidae) and other moths new to Hertfordshire during 2001. *Ent. Rec. J. Var.* (Surrey), 113:255-256. [England]
- Rings, R. W., and L. F. Rings**
2001. Moth collecting in central Florida Part III. Pyralidae (second section). *So. Lepid. News* (Gainesville), 23:39-42. [USA]
- Schoettle, A. W., and J. F. Negron**
2001. First report of two cone and seed insects on *Pinus flexilis*. *W. N. Amer. Nat.* (Provo), 61:252-254. [USA]
- Showers, J. B., R. L. Hellmich, M. E. Derrick-Robinson, and W. H. Hendrix III**
2001. Aggregation and dispersal behavior of marked and released European corn borer (Lepidoptera: Crambidae) adults. *Environ. Ent.* (Lanham), 30:700-710. [USA]
- Slade, B. E.**
2001. *Evergestis extimalis* (Scop.) (Lep.: Pyralidae) in Somerset. *Ent. Rec. J. Var.* (Surrey), 113:39. [England]
- Spangler, S. M., and D. D. Calvin**
2001. Vertical distribution of European corn borer (Lepidoptera: Crambidae) egg masses on sweet corn. *Environ. Ent.* (Lanham), 30:274-279. [USA]
- Steel, T.**
2001. A late occurrence of the mother of pearl moth *Pleuroptya ruralis* (Scop.) (Lep.: Pyralidae). *Ent. Rec. J. Var.* (Surrey), 113:2. [England]
- Takamura, T.**
2001. New localities of two *Pseudopanolis* species (Noctuidae) in central Honshu. *Japan Heteroc. J.* (Tokyo), 212:235. [Japan] [in Japanese]
- Thirlwell, I. R.**
2001. *Sciota adelphella* (Fischer von Röslerstamm) (Lepidoptera: Pyralidae) new to Hampshire. *Ent. Gaz.* (Wallingford), 52:226. [England]
- Wilson, T. A., and R. L. Wilson**
2001. Leaf extracts from Peruvian maize affect larval feeding and development of European corn borer (Lepidoptera: Crambidae). *J. Kansas Ent. Soc.* (Lawrence), 74:32-39. [USA]
- Yamanaka, H.**
- 2001a. Two new species of the genus *Cotachena* Moore (Lepidoptera, Crambidae, Pyraustinae) from Japan and Taiwan. *Tinea* (Tokyo), 16: 297-300.
- 2001b. Notes on three unrecorded and two little known species of the Phycitinae (Pyralidae) from Japan. *Japan Heteroc. J.* (Tokyo), 215:275-282. [in Japanese]
- Zimmermann, H. G., V. C. Moran, and J. H. Hoffmann**
2001. The renowned cactus moth, *Cactoblastis cactorum* (Lepidoptera: Pyralidae): its natural history and threat to native *Opuntia* floras in Mexico and the United States of America. *Fla. Ent.* (Gainesville), 84:543-551.

RHOPALOCERA**Abadjiev, S.**

- 2001a. An annotated list of type specimens of Lepidoptera deposited in the collection of the Institute of Zoology, Sofia. I. Butterflies (Lep.: Papilionoidea). *Ent. Rec. J. Var.* (Surrey), 113:19-23. [Europe]

- 2001b. *An Atlas of the Distribution of the Butterflies in Bulgaria. Lepidoptera: Hesperioidea & Papilioidea*. Sofia: Pensoft Publ. 335pp.
- 2001c. The butterflies of Kresna Gorge (SW Bulgaria) (Lepidoptera: Hesperioidea & Papilioidea). In P. Beron (ed.), *Biodiversity of Kresna Gorge*, 237-254. Sofia: Natl. Mus. Nat. Hist. [in Bulgarian]
- Akkermans, R. W., R. A. J. Pahlplatz, and K. Veling**
2001. *Dagvlinders in Limburg: Verspreiding en Ecologie, 1990-1999*. Maastricht: Natuurhist. Genootsch. Limburg. 381pp.
- Altermatt, F.**
2001. Observations on nectar plants for butterflies (Lepidoptera). *Mitt. Ent. Ges. Basel*, 51:15-24. [Switzerland]
- Arikawa, K.**
2001. Hindsight of butterflies. *Biosci. (Washington)*, 51:219-225. [Papilionidae; Japan]
- Asher, J., M. Warren, R. Fox, P. Harding, G. Jeffcoate, and S. Jeffcoate**
2001. *The Millennium Atlas of Butterflies in Britain and Ireland*. Oxford: Oxford Univ. Pr. 433pp.
- Avni, T.**
2001. Summary of butterfly records from the 4/2001 annual field survey, in the steppe belt of south & southwest Israel. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):27-28. [in Hebrew]
- Bálint, Z., and A. Olivier**
2001. Butterfly species-group taxa from the Balkans and western Anatolia attributed to Imre Frivaldszky (1799-1870) (Lepidoptera: Hesperioidea & Papilioidea). *Ann. Hist.-Nat. Mus. Natl. Hung.* (Budapest), 93:151-198.
- Benyaminini, D.**
- 2001a. The butterflies of Dana Reserve, Edom, Jordan (Lepidoptera: Papilioidea et Hesperioidea). *Linn. Belg. (Beersel)*, 18:95-102.
- 2001b. The butterflies of Hatay (Antiochia), s. Turkey. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):17-26. [in Hebrew]
- Beshkov, S.**
2001. Lepidoptera species (Macrolepidoptera) recorded and reported from the western Stara Planina Mountain, NW Bulgaria. *Ent. Rom. (Cluj)*, 5:11-43. (2000)
- Bouseman, J. K., and J. G. Sternburg**
2001. *Field Guide to Butterflies of Illinois*. Champaign: Ill. Nat. Hist. Surv. 264pp. (INHS Manual 9). [USA]
- Burnaz, S.**
2001. Data concerning the butterflies (Subord. Rhopalocera, Ord. Lepidoptera) from the eastern and north-eastern part of the Poiana Rusca Mountains (western Carpathians, Romania). *Ent. Rom. (Cluj)*, 5:51-67. (2000) [in Romanian]
- Cook, L. M., R. L. H. Dennis, and P. B. Hardy**
2001. Butterfly-hostplant fidelity, vagrancy and measuring mobility from distribution maps. *Ecography (Copenhagen)*, 24:497-504. [England]
- Cooper, L., and B. Cooper**
2001. Spring nectar in Florida. *Amer. Butt. (Morristown)*, 9(1):28-34. [USA]
- Coutsis, J. G., and N. Ghavalás**
2001. The skippers and butterflies of the Greek part of the Rodópi massif (Lepidoptera: Hesperioidea & Papilioidea). *Phegea (Antwerp)*, 29:143-158. [Greece]
- Cowley, M. J. R., C. D. Thomas, D. B. Roy, R. J. Wilson, L. Leon-C., D. Gutierrez, C. R. Bulman, R. M. Quin, D. Moss, and K. J. Gaston**
2001. Density-distribution relationships in British butterflies. I. The effect of mobility and spatial scale. *J. Anim. Ecol. (Oxford)*, 70:410-425. [England]
- Cowley, M. J. R., C. D. Thomas, R. J. Wilson, L. Leon-C., D. Gutierrez, and C. R. Bulman**
2001. Density-distribution relationships in British butterflies. II. An assessment of mechanisms. *J. Anim. Ecol. (Oxford)*, 70:426-441. [England]
- Dennis, R. L. H., J. G. Coutsis, and A. Olivier**
2001. Butterflies (Hesperioidea, Papilioidea) on islands in the Aegean Archipelago: a correction, additions, an aid to identification and a cautionary tale. *Ent. Rec. J. Var. (Surrey)*, 113:265-268. [Greece]
- Dennis, R. L. H., A. Olivier, J. G. Coutsis, and T. G. Shreeve**
2001. Butterflies on islands in the Aegean Archipelago: predicting numbers of species and incidence of species using geographical variables. *Ent. Gaz. (Wallingford)*, 52:3-39. [Greece]
- Descimon, H.**
2001. Genetic variation, geographic variation and gene flow in some French butterfly species. *Genet. Selection Evol. (Paris)*, 33(suppl. 1): S223-S249. [Nymphalidae, Papilionidae] [France] [in French]
- Desio, F., and I. Pecile**
- [2001]. *Guida al Sentiero delle Farfalle. Il Paese delle Farfalle Bordano*.
- Bordano: Comune Bordano. 32pp.
- Dover, J. W., and G. L. A. Fry**
2001. Experimental simulation of some visual and physical components of a hedge and the effects on butterfly behaviour in an agricultural landscape. *Ent. Exp. Appl. (Amsterdam)*, 100:221-233. [Nymphalidae] [England]
- Ebert, G. (ed.)**
2001. *Die Schmetterlinge Baden-Württembergs. Band 8. Nachtfalter VI*. Karlsruhe: E. Ulmer. 541pp. [Germany]
- Eisenberg, U.**
2001. Anmerkungen und Ergänzungen zur "Roten Liste gefährdeter Tierarten Südtirols, Tagfalter" (Lepidoptera: Rhopalocera). *Nachr. Ent. Ver. Apollo (Frankfurt)*, (n.s.) 22:159-170. [Austria]
- Fleishman, E., G. T. Austin, and D. D. Murphy**
2001. Biogeography of Great Basin butterflies: revisiting patterns, paradigms, and climate change scenarios. *Biol. J. Linn. Soc. (London)*, 74:501-515. [USA]
- Fleishman, E., R. MacNally, J. P. Fay, and D. D. Murphy**
2001. Modeling and predicting species occurrence using broad-scale environmental variables: an example with butterflies in the Great Basin. *Conserv. Biol. (Cambridge)*, 15:1674-1685. [USA]
- Fox, R., M. Warren, J. Asher, G. Jeffcoate, S. Jeffcoate, and P. Harding**
2001. Migrant butterflies and the millennium atlas. *Ent. Rec. J. Var. (Surrey)*, 113:103-112. [England]
- Gardiner, B. O. C.**
- 2001a. Little-known entomological literature - 6. *Ent. Rec. J. Var. (Surrey)*, 113:31-34. [England]
- 2001b. Little-known entomological literature - 7. *Ent. Rec. J. Var. (Surrey)*, 113:71-72. [England]
- 2001c. Little-known entomological literature - 8. *Ent. Rec. J. Var. (Surrey)*, 113:102. [England]
- Glassberg, J.**
2001. *Butterflies through Binoculars: the West*. Oxford: Oxford Univ. Pr. 374pp.
- Guppy, C. S., and J. H. Shepard**
2001. *Butterflies of British Columbia, including Western Alberta, Southern Yukon, the Alaska Panhandle, Washington, Northern Oregon, Northern Idaho and Northwestern Montana*. Vancouver: Univ. Br. Colum. Pr. 414pp.
- Hanski, I., and M. C. Singer**
2001. Extinction-colonization dynamics and host-plant choice in butterfly metapopulations. *Amer. Nat. (Chicago)*, 158:341-353. [Nymphalidae]
- Hill, J. K., Y. C. Collingham, C. D. Thomas, D. S. Blakeley, R. Fox, D. Moss, and B. Huntley**
2001. Impacts of landscape structure on butterfly range expansion. *Ecol. Lett. (London)*, 4:313-321. [England]
- Honey, M., and M. J. Scoble**
2001. Linnaeus's butterflies (Lepidoptera: Papilioidea and Hesperioidea). *Zool. J. Linn. Soc. (London)*, 132:277-399.
- Igarashi, Y.**
2001. *The Butterflies of Central Mongolia*. Tokyo: Stage. 191pp.
- Ilonczai, Z., and Z. Bálint**
2001. New data to the knowledge of butterflies (Lepidoptera: Lycaenidae, Nymphalidae) protected in Hungary. *Termezeti Közlem.* (Budapest), 9:209-218. [in Hungarian]
- Joyce, D., and A. S. Pullin**
2001. The role of genetics in the conservation of British butterflies; the chequered skipper and the marsh fritillary, as two examples. *Antenna (London)*, 25:91-93. [England]
- Kassarov, L.**
2001. Do cyanogenic glycosides and pyrrolizidine alkaloids provide some butterflies with a chemical defense against their bird predators? A different point of view. *Behav. (Leiden)*, 138:45-67. [Nymphalidae, Zygaenidae]
- Kerr, J. T.**
2001. Butterfly species richness patterns in Canada: energy, heterogeneity, and the potential consequences of climate change. *Conserv. Ecol. (Ottawa)*, 5:1-17.
- Kerr, J. T., T. R. E. Southwood, and J. Cihlar**
2001. Remotely sensed habitat diversity predicts butterfly species richness and community similarity in Canada. *Proc. Natl. Acad. Sci. (Washington)*, 98:11365-11370.
- Koch, P. B., U. Lorenz, P. M. Brakefield, and R. H. French-Constant**
2001. Butterfly wing pattern mutants: developmental heterochrony and co-ordinately regulated phenotypes. *Devel. Genes Evol. (Berlin)*, 210:536-544. (2000) [Germany]

- Kudrna, O.**
- 2001a. Miscellaneous notes on the taxonomy of four European butterflies (Lepidoptera: Rhopalocera). *Ent. Gaz.* (Wallingford), 52:253-261.
 - 2001b. Zur Bestandssituation von Tagfalterarten auf einigen durch die Schwammspinnerkalamität von 1993 bis 1995 betroffenen Flächen im südlichen Steigerwald. *Oedipp.* (Schweinfurt), 19:1-30. [Germany]
- Luquet, G. C.**
- 2001. Chroniques lépidoptériques franciliennes de jadis. III. Rhopalocéres observés dans la boucle de la Varenne-Saint-Maur et dans les massifs boisés de l'est parisien (forêt de Bondy, bois de Villiers et bois Notre-Dame) (Seine-Saint-Denis et Val-de-Marne) par E'mile Louis Ragonot en 1869 (Insecta Lepidoptera). *Alexanor* (Paris), 21:209-239, 2 pl. (1999) [France]
- Maes, D., and H. Van Dyck**
- 2001. Butterfly diversity loss in Flanders (north Belgium): Europe's worst case scenario? *Biol. Conserv.* (Oxford), 99:263-276.
- Manton, P.**
- 2001. Evasive actions. *News Lepid. Soc.* (Los Angeles), 43:86-87. [USA]
- Monteiro, A. V. French, G. Smit, P. M. Brakefield, and J. A. J. Metz**
- 2001. Butterfly eyespot patterns: evidence for specification by a morphogen diffusion gradient. *Acta Biotheor.* (Dordrecht), 49:77-88. [Netherlands]
- Moskowitz, D., J. Moskowitz, S. Moskowitz, and H. Moskowitz**
- 2001. Notes on a large dragonfly and butterfly migration in New Jersey. *NE Nat.* (Steuben), 8:483-490. [Nymphalidae] [USA]
- Müller, G.**
- 2001. Winterbeobachtungen von Tagfalter auf Zypern (Lepidoptera, Diurna). *Atalanta* (Munich), 32:80-82. [Cyprus]
- Murata, Y., and D. Okumoto**
- 2001. *Flying Jewels: Butterfly Images*. Tokyo: Shueisha. 76pp. [in Japanese]
- Neill, W.**
- 2001. *The Guide to Butterflies of Oregon and Washington*. Englewood, Co: Westcliffe Publ. 150pp.
- Nijhout, H. F.**
- 2001. Elements of butterfly wing patterns. *J. Exp. Zool.* (New York), 291:213-225. [USA]
- Pérez-F., R.**
- 2001. Ropalóceros de la preserranía occidental de la provincia de Guadalajara, España (Insecta: Lepidoptera). *SHILAP Revta. Lepid.* (Madrid), 29:65-84. [Spain]
- Reinhardt, R.**
- 2001. Kleine Ergänzungen zur Tagfalterfauna der Türkei (Lepidoptera, Rhopalocera). *Atalanta* (Munich), 32:399-400. [Turkey]
- Ries, L., and D. M. Debinski**
- 2001. Butterfly responses to habitat edges in the highly fragmented prairies of central Iowa. *J. Anim. Ecol.* (Oxford), 70:840-852. [USA]
- Ries, L., D. M. Debinski, and M. L. Wieland**
- 2001. Conservation value of roadside prairie restoration to butterfly communities. *Conserv. Biol.* (Cambridge), 15:401-411. [USA]
- Roberts, T. J.**
- 2001. *The Butterflies of Pakistan*. Oxford: Oxford Univ. Pr. 200pp, 56 pl.
- Salmon, M. A.**
- 2001. *The Aurelian Legacy: British Butterflies and their Collectors*. Colchester: Harley Bks. 432pp, 41 pl.
- Salvato, M. H.**
- 2001. Influence of mosquito control chemicals on butterflies (Nymphalidae, Lycaenidae, Hesperiidae) of the Lower Florida Keys. *J. Lepid. Soc.* (Los Angeles), 55:8-14. [USA]
- Schneider, C., and G. L. A. Fry**
- 2001. The influence of landscape grain size on butterfly diversity in grasslands. *J. Ins. Conserv.* (Dordrecht), 5:163-171. [Sweden]
- Schwibinger, M., and M. Bräu**
- 2001. Die Tagfalterfauna des Naturraums Münchener Ebene gestern und heute (Insecta, Lepidopter [sic], Rhopalocera). *NachBl. Bayer. Ent.* (Munich), 50:152-176. [Germany]
- Shreeve, T. G., R. L. H. Dennis, D. B. Roy, and D. Moss**
- 2001. An ecological classification of British butterflies: ecological attributes and biotope occupancy. *J. Ins. Conserv.* (Dordrecht), 5:145-161. [England]
- Simonson, S. E., P. A. Opler, T. J. Stohlgren, and G. W. Chong**
- 2001. Rapid assessment of butterfly diversity in a montane landscape. *Biodivers. Conserv.* (Amsterdam), 10:1369-1386. [USA]
- Sprandel, G. L.**
- 2001. Fall dragonfly (Odonata) and butterfly (Lepidoptera) migration at St. Joseph Peninsula, Gulf County, Florida. *Fla. Ent.* (Gainesville), 84:234-238. [USA]
- Stewart, R., P. Brodin, and H. Brodin**
- 2001. *Butterflies of Arizona: a Photographic Guide*. Arcata: West Coast Lady Pr. 415pp. [USA]
- Swengel, A. B.**
- 2001a. Legal immigrants: butterflies on the move. *Amer. Butt.* (Morristown), 9(1):18-27. [USA]
 - 2001b. Spring nectar in the upper Midwest. *Amer. Butt.* (Morristown), 9(4):32-40. [USA]
- Swengel, A. B., and S. R. Swengel**
- 2001. Effects of prairie and barrens management on butterfly faunal composition. *Biodivers. Conserv.* (Amsterdam), 10:1757-1785. [USA]
- Tarrier, M. R.**
- 2001. Les Papillons diurnes du Parc Natural d'Ifrane (Maroc): biodiversité, affinités écologiques et conservation (Papilionoidea et Zygaeninae). *Linn. Belg.* (Beersel), 18:145-156. [Morocco]
- Thomas, J. A., N. A. D. Bourn, R. T. Clarke, K. E. Stewart, D. J. Simcoz, G. S. Pearman, R. Curtis, and B. Goodger**
- 2001. The quality and isolation of habitat patches both determine where butterflies persist in fragmented landscapes. *Proc. Roy. Soc. Biol. Sci.* (London), (B) 268:1791-1796. [England]
- Thomas, J. R.**
- 2001. *The Butterflies of Pakistan*. Oxford: Oxford Univ. Pr. 200pp, 66 pl.
- Tolman, T.**
- 2001. *Photographic Guide to the Butterflies of Britain & Europe*. Oxford: Oxford Univ. Pr. 305pp.
- Tomer, O.**
- 2001a. Puddling phenomenon in Israel. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):3. [in Hebrew]
 - 2001b. Israeli butterflies nectar sources and their colors around the year. *News Israeli Lepid. Soc.* (Bet Arye), 18(2):31-32. [Israel] [in Hebrew]
- Wakeham-Dawson, A., T. Benton, and B. Watts**
- 2001. Butterflies in Hungary, 9-20 July 1999. *Ent. Rec. J. Var.* (Surrey), 113:3-11.
- Walker, T. J.**
- 2001. Butterfly migrations in Florida: seasonal patterns and long-term changes. *Environ. Ent.* (Lanham), 30:1052-1060. [USA]
- Wallis De Vries, M. F., and I. Raemakers**
- 2001. Does extensive grazing benefit butterflies in coastal dunes? *Restor. Ecol.* (Malden), 9:179-188. [Netherlands]
- Warren, M. S., J. K. Hill, J. A. Thomas, J. Asher, R. Fox, B. Huntley, D. B. Roy, M. G. Teffler, S. Jeffcoate, P. Harding, G. Jeffcoate, S. G. Willis, J. N. Greatorex-Davies, D. Moss, and C. D. Thomas**
- 2001. Rapid responses of British butterflies to opposing forces of climate and habitat change. *Nature* (London), 414:65-69. [England]
- Wedell, N.**
- 2001. Female remating in butterflies: interaction between female genotype and nonfertile sperm. *J. Evol. Biol.* (Basel), 14:746-754. [England]
- Wiklund, C., B. Karlsson, and O. Leimar**
- 2001. Sexual conflict and cooperation in butterfly reproduction: a comparative study of polyandry and female fitness. *Proc. Roy. Soc. Biol. Sci.* (London) (B) 268:1661-1667. [Europe]
- Williams, K. F.**
- 2001. Two, possibly new, aberrations of British butterflies. *Ent. Rec. J. Var.* (Surrey), 113:39.
- Williams, L. R.**
- 2001. London butterfly monitoring report for 2000. *London Nat.*, 80:169-180. [England]
- Winiarska, G.**
- 2001. Butterflies (Lepidoptera: Hesperioidae, Papilionoidea) in Narew National Park. *Frag. Faun.* (Warsaw), 44:73-78. [Poland]
- Witt, R.**
- 2001. *Ein Garten für Schmetterlinge*. Stuttgart: Kosmos. 62pp.
- Yakovlev, R. V.**
- [2001]. New data on the fauna and taxonomy of butterflies (Lepidoptera: Rhopalocera) in Siberia. *Russ. Ent. J.* (Moscow), 9:375-376. (2000) [Russia] [in Russian]
- RIODINIDAE**
- Knudson, E., C. Bordelon, and R. Wauer**
- 2001. Zela metealmark (*Emesis zela* Butler): a new record for Texas. *News Lepid. Soc.* (Los Angeles), 43:8. [USA]
- Nekrutenko, Y. P.**
- 2001. A catalogue of the type specimens of Riodinidae deposited in the collection of the Staatliches Museum für Tierkunde Dresden (Insecta: Lepidoptera: Rhopalocera). *Ent. Abh.* (Dresden), 59:319-323.

Sutshkov, S. A.

2001. A new record of *Hamaeris lucina* (Lepidoptera, Riodinidae) from southern Ukraine. *Vest. Zool.* (Kiev), 34:128. (2000) [in Russian]

SATURNIIDAE**Burkhardt, D., and S. Whitebread**

2001. An additional fiding of the Viennese emperor moth (*Saturnia pyri* (Denis & Schiffermüller), Lepidoptera, Saturniidae) from Basel. *Mitt. Ent. Gesell. Basel*, 50:151-152. (2000) [in German] [Switzerland]

Doyle, J. F., III

2001. Occurrence and life history notes for *Eacles imperialis imperialis* (Drury, 1773) in central Texas. *So. Lepid. News* (Gainesville), 23:49-52, pl. C. [USA]

García-B., E.

2001. Nuevas localidades de *Proserpinus proserpina* (Pallas, 1772) y *Graellsia isabelae* (Graells, 1849) del centro peninsular. *SHILAP Revta. Lepid.* (Madrid), 29:183-184.

McElfresh, J. S., A. M. Hammond, and J. G. Millar

2001. Sex pheromone components of the buck moth *Hemileuca maia*. *J. Chem. Ecol.* (New York), 27:1409-1422. [USA]

Nässig, W. A.

2001. *Attacus atlas* (Linnaeus, 1758) in der Innenstadt von Frankfurt am Main beobachtet (Lepidoptera: Saturniidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:182. [Germany]

Naumann, S.

2001. A new species of the genus *Rhodinia* from Tibet (Lepidoptera: Saturniidae) and some general notes on the genus. *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 21:201-206.

Paukstadt, L. H., and U. Paukstadt

2001. Liste der bei den Gattung *Antheraea* Hübner, 1819 ("1816") bekannten Präimaginalstadien, sowie Literaturnachweise (Lepidoptera: Saturniidae). *Galathea* (Nuremberg), 17 (Suppl. 10):34-46.

Peigler, R. S.

2001. We now know what happened to our biggest moths. *News Lepid. Soc.* (Los Angeles), 43:30-31. [USA]

Speer, J. H., T. W. Swetman, B. E. Wickman, and A. Youngblood

2001. Changes in pandora moth outbreak dynamics during the past 622 years. *Ecol.* (Washington), 82:679-697. [USA]

Strenge, D. L., and R. S. Zack

2001. Observations on the life history of the sagebrush sheep moth, *Hemileuca hera hera* (Lepidoptera: Saturniidae). *NW Sci.* (Tacoma), 75:118-121. [USA]

Weast, R. D.

2001. *Rothschildia* hosts and hybrids. *News Lepid. Soc.* (Los Angeles), 43:3-4, 6. [USA]

SCYTHRIDIDAE**Hellers, M.**

2001. *Enolmis acanthella*, a new species for central Europe (Lepidoptera: Scythrididae). *Phegea* (Antwerp), 29:5-8.

Nuppenen, K.

2001. Records of scythridids from Tunisia, with description of two new species (Lepidoptera: Scythrididae). *Ent. Fenn.* (Helsinki), 12:53-58.

Nuppenen, K., and T. Nuppenen

2001. Notes on the scythridid fauna of the Altai Mountains, with description of four new species (Lepidoptera: Scythrididae). *Ent. Fenn.* (Helsinki), 12:81-93. [Russia]

Parsons, M. S., D. Green, and P. H. Sterling

2001. The rediscovery of *Scythris empetrella* Karsholt & Nielsen, 1976 (Lepidoptera: Scythrididae) in the New Forest, with notes on the distribution of the species in Britain. *Ent. Gaz.* (Wallingford), 52:149-150. [England]

SESIIDAE**Bennett, R. G., T. D. Eichlin, and B. Staffan Lindgren**

2001. *Synanthedon canadensis*: a new clearwing moth record for British Columbia with notes on its response to pheromones (Lepidoptera: Sesiidae). *Pan-Pac. Ent.* (San Francisco), 77:226-227. [Canada]

Brou, V. A., Jr.

- 2001a. *Sannina uroceriformis* Walker (Sesiidae) in Florida. *So. Lepid. News* (Gainesville), 23:43. [USA]

- 2001b. Sibling species *Synanthedon kathyae* Duck. & Eich. and *Synanthedon allerii* (Engelh. [sic!]) in southeast Louisiana. *So. Lepid. News* (Gainesville), 23:62-64. [USA]

Dutreix, C., and D. Morel

2001. Données temporelles sur la sésie *Paranthrene insolita* Le Cerf. Étude de cas: résultats en Saône-et-Loire (Bourgogne). *Bull. Soc. Ent. Mulhouse*, 57:32-34. [France]

Gorbunov, O. G., and Y. Arita

2001. A new species of the genus *Ravitria* Gorbunov & Arita (Lepidoptera, Sesiidae) from Yunnan, China. *Trans. Lepid. Soc. Japan* (Tokyo), 52:245-249.

Hamburg, D.

- [2001]. Der Steinbruch Klausen – ein Refugium thermophiler Pflanzen- und Tierarten. Eine botanisch-zoologische Bestandsaufnahme. *Glasflügler-Sesiidae. Mitt. Ent. Arbeitsgem. Salzkammergut* (Bad Ischl), 3:34-46. (2000) [Austria]

Holoyda, J.

2001. Sesiidae: observations of unusual behavior of a male *Synanthedon exitiosa* (Say). *So. Lepid. News* (Gainesville), 23:44. [USA]

Kallies, A., and T. Sobczyk

2001. Verbreitung und Ökologie des Grasnelken-Glasflüglers, *Pyropteron muscaeforme* (Esper, 1783), in Deutschland (Lepidoptera: Sesiidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:149-158. [Germany]

- Karalius, V., R. Mozuraitis, J. Miatleuski, V. Buda, and P. Ivinskis**

2001. Sex attractants for six clearwing and tineid species (Lepidoptera, Sesiidae and Tineidae) from Kazakhstan and Lithuania. *Zeit. Naturfor. (C) Biosci.* (Tübingen), 56:1120-1125.

Kirkbride-Smith, A. E., H. A. Bell, and J. P. Edwards

2001. Effects of three vertebrate hormones on the growth, development, and reproduction of the tomato moth, *Lacanobia oleracea* L. (Lepidoptera: Noctuidae). *Environ. Toxicol. Chem.* (Oxford), 20:1838-1845. [England]

Knudson, E., and C. Bordelon

2001. Observations on Texas Sesiidae. *Paranthrene* species and *Synanthedon kathyae*. *So. Lepid. News* (Gainesville), 23:28-29. [USA]

Laštúvka, Z., and A. Laštúvka

2001. *The Sesiidae of Europe*. Stenstrup: Apollo Bks. 245pp (9 pl.).

Petersen, M.

- 2001a. Sesiidae aus dem Jemen. *Esperiana* (Staffelstein), 8:574, pl. 28. [Yemen].

- 2001b. Zwei neue Glasflüglerarten aus Nepal (Lepidoptera, Sesiidae). *Esperiana* (Staffelstein), 8:704-708, pl. 30.

Führinger, F.

- [2001a]. 1. Nachtrag zu den Glasflügernachweisen in Österreich (Lepidoptera, Sesiidae). *Mitt. Ent. Arbeitsgem. Salzkammergut* (Bad Ischl), 3:47-64. (2000) [Austria]

- [2001b]. Pheromonanflug europäischer Glasflügler (Lepidoptera, Sesiidae). *Mitt. Ent. Arbeitsgem. Salzkammergut* (Bad Ischl), 3:65-72. (2000) [Europe]

- [2001c]. Bibliographia Sesiidarum orbis terrarum (Lepidoptera, Sesiidae). *Mitt. Ent. Arbeitsgem. Salzkammergut* (Bad Ischl), 3:73-146. (2000)

Purrington, F. F., and N. L. Evenhuis

2001. A clearwing moth host (Lepidoptera: Sesiidae) for the bee fly, *Geron argutus* (Diptera: Bombyliidae). *Ent. News* (Philadelphia), 112:178-182. [USA]

Špatenka, K.

2001. Neue paläarktische Glasflügler-Arten (Lepidoptera: Sesiidae). *Ent. Zeit.* (Stuttgart), 111:75-80. [Crete; Kashmir; Syria]

Špatenka, K., and A. Kallies

2001. Zur Taxonomie, Bionomie und Verbreitung zentral-asiatischer Sesiidae und Brachodidae (Lepidoptera, Sesiidae). *Ent. Zeit.* (Stuttgart), 111: 199-205, 234-237. [C. Asia]

SPHINGIDAE**Brou, V. A., Jr.**

2001. Portrait of Sphingidae flight in Louisiana. *News So. Lepid. Soc.* (Gainesville), 23(1):9. [USA]

Firmin, J.

2001. A March humming-bird hawk-moth *Macroglossum stellatarum* (L.) (Lep.: Sphingidae) in north-east Essex. *Ent. Rec. J. Var.* (Surrey), 113: 140. [England]

Harbich, H.

2001. Sphingidae 2000. *Atalanta* (Munich), 32:367-371. [Germany]

Hooper, R. R.

2001. Additional Saskatchewan sphinx moth records. *Blue Jay* (Winnipeg), 59: 157-160. [Canada]

Meyer, J., and A. Meyer

2001. White-lined sphinx in Dallas Co, Tx. *News Lepid. Soc.* (Los Angeles), 43:91. [USA]

Murase, M.

2001. Larva of *Ampelophaga rubiginosa* Bremer & Grey (Sphingidae) feeding

- on *Hydrangea involucrata*. *Japan Heteroc. J.* (Tokyo), 215:290. [Japan] [in Japanese]
- Regier, J. C., C. Mitter, T. P. Friedlander, and R. S. Peigler**
2001. Phylogenetic relationships in Sphingidae (Insecta: Lepidoptera): initial evidence from two nuclear genes. *Molec. Phylog. Evol.* (San Diego), 20:311-325. [USA]
- Thiele, J. H. R.**
2001. *Acherontia atropos* (Linnaeus, 1758) — die Überraschung im Ferienhaus (Lepidoptera, Sphingidae). *Atalanta* (Munich), 32:83-84. [France]
- Viette, P. E. L.**
2001. Remarques concernant le travail de I. J. Kitching et J.-M. Cadiou sur les Sphingides du Monde (2000) (Lepidoptera). *Ent.* (Paris), 57:157-162.
- THYATIRIDAE**
- Choi, S.-W.**
2001. New record of *Horithyatira kawamurae* (Matsumura) (Lepidoptera, Thyatiridae) from Korea. *Ins. Koreana* (Chuncheon), 18:311-313.
- Tremewan, W. G.**
2001. *Achyla flavicornis* (Linnaeus, 1758) (Lepidoptera: Drepanidae, Thyatiridae) in West Cornwall. *Ent. Gaz.* (Wallingford), 52:194. [England]
- THYRIDIDAE**
- Kameda, M.**
2001. *Mesopsestis undosa* (Wileman) (Thyrididae) newly recorded from the southern part of Hokkaido. *Yugato* (Niigata), 165:76. [Japan] [in Japanese]
- Mitamura, T., and A. Arakawa**
2001. Larva of *Herdonia margarita* Inoue (Thyrididae) boring into trig of *Punica granatum* L. *Japan Heteroc. J.* (Tokyo), 215:289-290. [Japan] [in Japanese]
- Murase, M.**
2001. Biological notes on *Herdonia margarita* Inoue (Thyrididae) in Wakayama. *Japan Heteroc. J.* (Tokyo), 215:287-288. [Japan] [in Japanese]
- TINEIDAE**
- Bolshakov, L. V.**
2001. Microlepidoptera of Tula area. 9. True moths (Tineidae). *Russ. Ent. J.* (Moscow), 10:425-430. (2000) [Russia] [in Russian]
- Costen, P. M.**
2001. *Nemapogon variatella* (Clemens) (Lep.: Tineidae) imported in Spanish mushrooms, and a larval description. *Ent. Rec. J. Var. (Surrey)*, 113: 263-264. [England]
- Gaedike, R., and O. Karsholt**
2001. Contribution to the Lepidoptera fauna of the Madeira Islands. Part 2. Tineidae, Acrolepiidae, Epermeniidae. *Beitr. Ent.* (Berlin), 51:161-213.
- Gastón, J., and A. Vives-M.**
[2001]. *Emmelina argoteles* (Meyrick, 1922), *Stenoptilia nepetellae* Bigot & Picard, 1983 y *Myrmecozela diacona* Walsingham, 1907, nuevas especies para España (Insecta: Lepidoptera). *SHILAP Revta. Lepid.* (Madrid), 28:429-433. (2000) [Spain]
- Karalius, V., R. Mozuraitis, J. Miatlęski, V. Buda, and P. Ivinskis**
2001. Sex attractants for six clearwing and tineid species (Lepidoptera, Sesiidae and Tineidae) from Kazakhstan and Lithuania. *Zeit. Naturforsch. (C) Biosci.* (Tübingen), 56:1120-1125.
- Komonen, A.**
2001. Structure of insect communities inhabiting old-growth forest specialist bracket fungi. *Ecol. Ent.* (London), 26:63-75. [Finland]
- Koshino, S.**
2001. *Monopis crocicapitella* (Clemens) or close (Tineidae) from Japan. *Japan Heteroc. Soc.* (Tokyo), 214:267-268. [in Japanese]
- Takács, S., and G. Gries**
2001. Communication ecology of webbing clothes moth: evidence for male-produced aggregation signal(s). *Can. Ent.* (Ottawa), 133:725-727. [Canada]
- TORTRICIDAE**
- Adamski, D., and J. W. Brown**
2001. Systematic revision of the *Ecdytolopha* group of genera (Lepidoptera: Tortricidae: Grapholitini) in the New World. *Ent. Scand.* (Copenhagen), Suppl. 58:1-86.
- Al-Zyoud, F. A., and H. M. Elmosa**
2001. Population dynamics of the grape berry moth, *Lobesia botrana* Schiff. (Lepidoptera: Tortricidae), and its parasites in Jerash area, Jordan. *Dirasat Agr. Sci.* (Amman), 28:6-13.
- Asaro, C., and C. W. Berisford**
2001. Seasonal changes in adult longevity and pupal weight of the Nantucket pine tip moth (Lepidoptera: Tortricidae) with implications for interpreting pheromone trap catch. *Environ. Ent.* (Lanham), 30:999-1005. [USA]
- Asaro, C., M. J. Dalusky, and C. W. Berisford**
2001. Quantity and ratio of pheromone components among multiple generations of the Nantucket pine tip moth (Lepidoptera: Tortricidae) in Georgia and Virginia. *Environ. Ent.* (Lanham), 30:1006-1011. [USA]
- Bauce, E., and E. Han**
2001. Desiccation resistance in pre-diapause, diapause and post-diapause larvae of *Choristoneura fumiferana* (Lepidoptera: Tortricidae). *Bull. Ent. Res.* (London), 91:321-326. [Canada]
- Bento, J. M. S., J. R. P. Parra, E. F. Vilela, J. M. Walder, and W. S. Leal**
2001. Sexual behavior and diel activity of citrus fruit borer *Ecdytolopha aurantiana*. *J. Chem. Ecol.* (New York), 27:2053-2065. [USA]
- Bolshakov, L. V.**
[2001a]. Microlepidoptera of Tula area. 4. Tortricid moths of the tribes Bactriini, Olethreutini, Endotheniini (Lepidoptera: Tortricidae: Olethreutinae). *Russ. Ent. J.* (Moscow), 9:91-96. (2000) [Russia] [in Russian]
[2001b]. Microlepidoptera of Tula area. 5. Tortricid moths of the tribes Enarmoniini, Grapholitini (Lepidoptera: Tortricidae: Olethreutinae). *Russ. Ent. J.* (Moscow), 9:177-183. (2000) [Russia] [in Russian]
- Brown, J. W.**
2001. Species turnover in the leafrollers (Lepidoptera: Tortricidae) of Plummers Island, Maryland: assessing a century of inventory data. *Proc. Ent. Soc. Washington*, 103:673-685. [USA]
- Clifton, J.**
2001a. *Acleris kochiella* (Goeze) (Lep.: Tortricidae) new to Norfolk. *Ent. Rec. J. Var. (Surrey)*, 113:12. [England]
2001b. *Eana incanana* (Steph.) (Lep.: Tortricidae) in Cheshire. *Ent. Rec. J. Var. (Surrey)*, 113:40. [England]
- Courtois, J.-M.**
2001. Un microlépidoptère caractéristique des éboulis calcaires et des pelouses en gradins de Lorraine: *Thiodia trochilana* Frölich, 1828 (Lepidoptera Tortricidae). *Alexanor* (Paris), 21:201-202. (1999) [France]
- Dickson, R.**
2001. *Cydia amplana* (Hubner) (Lep.: Tortricidae) in Hampshire. *Ent. Rec. J. Var. (Surrey)*, 113:120. [England]
- Fournier, F.**
2001. New places for *A. inundana* (D. et S., 1775) in France (Lepidoptera Tortricidae). *Bull. Mens. Soc. Linn. Lyon*, 70:150. [in French]
- Fraser, H. W., and R. M. Trimble**
2001. Effect of delayed mating on reproductive biology of the Oriental fruit moth (Lepidoptera: Tortricidae). *Can. Ent.* (Ottawa), 13:219-227. [Canada]
- Han, K.-S., J.-K. Jung, K.-H. Choi, S.-W. Lee, and K.-S. Boo**
2001. Sex pheromone composition and male trapping of the Oriental fruit moth, *Grapholita molesta* (Lepidoptera: Tortricidae) in Korea. *J. Asia-Pac. Ent.* (Seoul), 4:31-35.
- Hellers, M.**
2001. The second contribution to the recording of the Tortricidae of Luxembourg (Lepidoptera, Tortricidae). *Bull. Soc. Natural. Luxembourg*, 101:147-174. [in German]
- Heppner, J. B.**
2001. *Argyrotaenia citrana* not in Florida. *Lepid. News* (Gainesville), 2000(3): 6. (2000) [USA]
- Ivashov, A. V.**
2001a. Color polymorphism of *Tortrix viridana* (Lepidoptera, Tortricidae) larvae and pupae. *Zool. Zhurn.* (Moscow), 80:412-420. [Russia] [in Russian]
2001b. Variation in cremaster structure in *Tortrix viridana* (Lepidoptera, Tortricidae) pupae. *Zool. Zhurn.* (Moscow), 80:534-537. [Russia] [in Russian]
- Jo, H.-M., and Y.-G. Kim**
2001. Relationship between cold hardiness and diapause in the smaller fruit tortrix, *Adoxophyes orana* (Fischer von Roeslerstamm). *J. Asia-Pac. Ent.* (Seoul), 4:1-9. [Korea]
- King, G. E.**
2001. Contribución al conocimiento de la biología de *Oxypteron schwaderai* (Rebel, 1936) (Lepidoptera: Tortricidae). *SHILAP Revta. Lepid.* (Madrid), 29:125-129. [Spain]
- Kopeć, and L. Przybylowicz**
2001. *Grapholita lobarewskii* (Nowicki, 1860) (Lepidoptera: Tortricidae), a tortricine moth new to the Polish fauna. *Polsk. Pismo Ent.* (Gdynia), 70:115-120. [Poland]
- Kovács, Z., S. Kovács, and G. Szabó**
[2001]. The occurrence of *Cochylimorpha fucosa* (Razowski, 1970) (Lepidop-

- tera: Tortricidae: Cochylini) in Romania. *Trav. Mus. Natl. Hist. Nat. G. Antipa* (Bucharest), 41:309-313. (1999).
- Kruse, J. J., and F. A. H. Sperling**
2001. Molecular phylogeny within and between species of the *Archips argyrosila* complex (Lepidoptera: Tortricidae). *Ann. Ent. Soc. Amer.* (Lanham), 94:166-173. [USA]
- Kuchlein, J. H.**
2001. The rediscovery of *Cydia jungiella* in the Netherlands (Lepidoptera: Tortricidae) and the insertion of old records in our checklists. *Ent. Ber.* (Amsterdam), 61:94-96. [in Dutch]
- Kuznetsov, V. I.**
2001. Tortricidae (Olethreutidae, Cochyliidae) - Listovertki. In P. A. Ler (ed.), *Key to the Insects of Russian Far East*, 5(3):11-472. Vladivostok: Dal'Nauka.
- Li, S. Y., and I. S. Ötvös**
2001. Differences in activity enhancement of a baculovirus by an optical brightener between *Choristoneura fumiferana* and *Choristoneura occidentalis* (Lepidoptera: Tortricidae). *Can. Ent.* (Ottawa), 133:329-332. [Canada]
- Liu, Y.-Q., and C.-S. Wu**
2001. A new species of the genus *Retinia* attacking *Pseudotsuga sinensis* Dode in China (Lepidoptera: Tortricidae). *Acta Ent. Sinica* (Beijing), 44:345-347.
- Miller, W. E., R. L. Brown, and K. R. Tuck**
2001. Taxonomic clarification of *Notocelia rosaecolana* (Doubleday) and *N. trimaculana* (Haworth) (Tortricidae). *J. Lepid. Soc.* (Los Angeles), 54: 111-118. (2000) [USA]
- Miller, W. E., and E. H. LaGasa**
2001. First report of *Gypsonoma aceriana* (Duponchel) (Lepidoptera: Tortricidae), an Old World poplar pest, in North America. *Proc. Ent. Soc. Washington*, 103:1020-1022.
- Milonas, P. G., M. Savopoulou-Soultani, and D. G. Stavridis**
2001. Day-degree models for predicting the generation time and flight activity of local populations of *Lobesia botrana* (Den. & Schiff.) (Lep., Tortricidae) in Greece. *J. Appl. Ent.* (Hamburg), 125:515-518.
- Murase, M.**
2001a. Three tortricid moths feeding on Leguminosae in Wakayama Prefecture II. *Yugato* (Niigata), 164:56-57. [Japan] [in Japanese]
2001b. *Cochylidia subroseana* (Haworth) (Cochylidae) taken from Compositae plant. *Yugato* (Niigata), 165:75. [Japan] [in Japanese]
2001c. *Epiblema sugii* Kawabe (Tortricidae) taken in Ehime Prefecture. *Yugato* (Niigata), 165:78. [Japan] [in Japanese]
- Nagarkatti, S., P. C. Tobin, and M. C. Saunders**
2001. Diapause induction in the grape berry moth (Lepidoptera: Tortricidae). *Environ. Ent.* (Lanham), 30:540-544. [USA]
- Nel, J., and R. Mazel**
2001. Sur deux microlépidoptères méconnus, nouveaux pour la faune de France, observés dans les Pyrénées-Orientales (Lepidoptera, Tortricidae et Elachistidae). *Bull. Soc. Ent. Fr.* (Paris), 106:273-276. [France]
- Nupponen, K., J. Junnilainen, T. Nupponen, and V. Olschwang**
2001. The cecidyl fauna of the southern Ural Mountains, with description of *Cochylimorpha ignicolorana* Junnileinen & K. Nupponen sp. n. (Lepidoptera: Tortricidae: Cochylini). *Ent. Fern.* (Helsinki), 12:94-107. [Russia]
- Razowski, J.**
2001. Miscellaneous notes on Tortricidae - 3. *Polsk. Pismo Ent.* (Gdynia), 70:91-94. [Europe]
- Saethre, M.-G., and T. Edland**
2001. Distribution of the codling moth, *Cydia pomonella* L. (Lepidoptera: Tortricidae) in southern Norway. *Norw. J. Ent.* (Oslo), 48:251-262.
- Safonkin, A. F.**
2001. Population homeostasis and sexual behavior of *Archips podana* (Scop.) (Lepidoptera: Tortricidae). *Russ. Ent. J.* (Moscow), 433-436. [Russia] [in Russian]
- Shepherd, R. F., and T. G. Gray**
2001. Comparative rates of density change in declining populations of the blackheaded nudworm *Acleris gloverana* (Lepidoptera: Tortricidae) among different sites on Vancouver Island. *Environ. Ent.* (Lanham), 30: 883-891. [Canada]
- Stara, J., and F. Kocourek**
2001. Flight patterns of *Hedya dimidioalba*, *Spilonota ocellana* and *Pandemis heparana* (Lep.: Tortricidae) based on data from pheromone traps. *Plant Prot. Sci.* (Brno), 37:129-137. [Czech Rep.]
- Story, J. M., W. R. Good, and L. J. White**
2001. Response of the knapweed biocontrol agent *Agapeta zoegana* L. (Lepidoptera: Cochyliidae) to portable lights. *Pan-Pac. Ent.* (San Francisco), 77:219-225. [USA]
- Tobin, P. C., S. Nagarkatti, and M. C. Saunders**
2001. Modeling development in grape berry moth (Lepidoptera: Tortricidae). *Environ. Ent.* (Lanham), 30:692-699. [USA]
- Vakenti, J. M., J. E. Cossentine, B. E. Cooper, M. J. Sharkey, C. M. Yoshimoto, and L. B. M. Jensen**
2001. Host-plant range and parasitoids of obliquebanded and three-lined leafrollers (Lepidoptera: Tortricidae) [in British Columbia]. *Can. Ent.* (Ottawa), 133:139-146. [Canada]
- Waldstein, D. E., W. H. Reissig, and J. P. Nyrop**
2001. Larval movement and its potential impact on the management of the obliquebanded leafroller (Lepidoptera: Tortricidae). *Can. Ent.* (Ottawa), 133:687-696. [USA]
- Zhang, G.-F., X.-H. Yan, C.-F. Sheng, and X.-Z. Meng**
2001. Mating disruption of the Chinese tortrix *Cydia trasias* (Lepidoptera: Olethreutidae) by atmospheric premeation with synthetic sex pheromone. *Environ. Ent.* (Lanham), 30:7-11. [China]
- URODIDAE**
- Sperry, C. E., W. R. Chaney, G.-F. Shao, and C. S. Sadof**
2001. Effects of tree density, tree species diversity, and percentage of hardscape on three insect pests of honeylocust. *J. Arboricul.* (Savoy), 27:263-271. [USA]
- YPONOMEUTIDAE**
- Byun, B.-K., and Y.-S. Bae**
2001. Korean species of the genus *Ypsolopha* Latreille (Lepidoptera, Yponomeutidae). *Ins. Koreana* (Chuncheon), 18:153-162
- Heckford, R. J.**
2001. Observations on the larval habits of *Kessleria saxifragae* (Stainton) (Lepidoptera: Yponomeutidae). *Ent. Gaz.* (Wallingford), 52:49-50. [England]
- Junnilainen, J.**
2001. Two new species of *Swammerdamia* from the southern Ural Mountains and southern Siberia (Lepidoptera: Yponomeutidae). *Ent. Fenn.* (Helsinki), 12:112-118. [Russia]
- ZYGAENIDAE**
- Bland, K. P.**
2001. A new site for *Zygaena lonicerae latomarginata* Tutt, 1899 (Lepidoptera: Zygaenidae) in Scotland. *Ent. Gaz.* (Wallingford), 52:70.
- Buntebarth, G.**
2001. Beitrag zur Kenntnis von *Zygaena (Zygaena) mana* Kirby, 1892 (Lepidoptera: Zygaenidae). *Ent. Zeit.* (Stuttgart), 111:113-115. [Georgia]
- Efetov, K. A.**
2001a. On the biology of *Jordanita (Rjabovia) horni* (Alberti, 1937) (Lepidoptera: Zygaenidae, Procridinae). *Ent. Gaz.* (Wallingford), 52:40. [Armenia]
2001b. On the systematic position of *Zygaenoprocrista* Hampson, 1900 (Lepidoptera: Zygaenidae, Procridinae) and the erection of two new subgenera. *Ent. Gaz.* (Wallingford), 52:41-48. [Palearctic]
2001c. On the systematic position of some taxa of forester moths (Lepidoptera: Zygaenidae, Procridinae) described by Ruggero Verity. *Ent. Gaz.* (Wallingford), 52:128. [Italy]
2001d. An annotated check-list of forester moths (Lepidoptera: Zygaenidae, Procridinae). *Ent. Gaz.* (Wallingford), 52:153-162. [Europe]
2001e. Newly recorded larval foodplants for *Rhagades (Rhagades) pruni* ([Denis & Schiffermüller], 1775) and *Jordanita (Roccia) budensis* (Speyer & Speyer, 1858) (Lepidoptera: Zygaenidae, Procridinae). *Ent. Gaz.* (Wallingford), 52:290.
- Fänger, H., and C. M. Naumann**
2001. The morphology of the last instar larva of *Aglaope infausta* (Lepidoptera: Zygaenidae: Chalcosiinae). *Eur. J. Ent.* (České Budějovice), 98:201-218. [Germany]
- Hofmann, A., and W. G. Tremewan**
2001. Contribution to the knowledge of the genus *Zygaena* Fabricius, 1775, in Iran (Lepidoptera, Zygaenidae). *Linn. Belg.* (Beersel), 18:125-136.
- Kogi, H.**
2001a. *Acroclita elaeagnivora* Oku (Tortricidae) taken from Hokkaido. *Yugato* (Niigata), 163:16. [Japan] [in Japanese]
2001b. *Notocelia nimia* Falkovitch (Tortricidae) collected in Hokkaido. *Yugato* (Niigata), 163:32. [Japan] [in Japanese]
- Mollet, B.**
2001. A new subgenus of the genus *Zygaenoprocrista* Hampson, 1900 (Lepidoptera: Zygaenidae, Procridinae). *Ent. Gaz.* (Wallingford), 52:51-53.

- [Palearctic]
- Tarmann, G. M., and W. G. Tremewan**
2001. Notes on the biology and ecology of *Adscita (Adscita) obscura* (Zeller, 1847) (Lepidoptera: Zygaenidae, Procridiinae). *Ent. Gaz.* (Wallingford), 52:91-99. [Turkey]
- Terrier, M. R.**
- 2001a. Redécouverte de *Zygaena orana taita* Reiss, 1943 (Lepidoptera: Zygaenidae). *Linn. Belg.* (Beersel), 18:171-174. [Morocco]
- 2001b. Les zygènes de l'Anti-Atlas marocain: découvertes, inventaire commenté et bio-indication (Lepidoptera, Zygaeninae). *Bull. Soc. Ent. Fr.* (Paris), 106:163-172. [Morocco]
- Troukens, W.**
2001. *Clepsis rurinana* (Lepidoptera: Tortricidae) op kamerplant. *Phegea* (Antwerp), 29:110-111. [Belgium]
- Yukinari, M.**
2001. Outbreak of *Elcysma westwoodii* (Vollenhoven) (Lepidoptera: Zygaenidae) on *Prunus* spp. (cherry) in Tokushima. *Yadoriga* (Tokyo), 188:50-53. [Japan] [in Japanese]

TROPICAL LEPIDOPTERA

ADELIDAE

Kozlov, M. V.

2001. *Nematopogon taiwanella* sp. n. from the mountains of Taiwan (Lepidoptera, Adelidae). *Tijds. Ent.* (Amsterdam), 144:41-44.

AGATHIPHAGIDAE

Simonsen, T. J., and N. P. Kristensen

2001. Agathiphaga wing vestiture revisited: evidence for complex early evolution of lepidopteran scales (Lepidoptera: Agathiphagidae). *Ins. Syst. Evol.* (Copenhagen), 32:169-175. [Australia]

AMPHITHERIDAE

Huemer, P., and A. H. Segerer

2001. Polyphänißmus bei "Kleinschmetterlinge" am Beispiel von *Roeslerstamnia erxlebella* (Fabricius, 1787) und *R. pronubella* ([Denis & Schiffermüller], 1775) (Lepidoptera: Roeslerstammiidae). *Ent. Zeit.* (Stuttgart), 111:207-211. [Europe]

ARCTIIDAE

Durante, M. A., and S. Panzera

- 2001a. I lepidotteri del delta del Niger (segundo contributo) (Lepidoptera, Arctiidae, Lithosiinae). *Lambill.* (Turvuren), 101:203-215.
- 2001b. I lepidotteri del Delta del Niger (terzo contributo) (Lepidoptera, Arctiidae, Lithosiinae). *Lambill.* (Turvuren), 101:465-472.

Goel, S. C., D. K. Bhardwaj, and B. Yadav

2001. Male genitalia of four Indian arctiids from western Uttar Pradesh (Lepidoptera: Arctiidae). *Uttar Pradesh J. Zool.* (Muzaffarnagar), 21:17-22. [India]

Holloway, J. D.

2001. *The Moths of Borneo. 7. Family Arctiidae, subfamily Lithosiinae*. Kuala Lumpur: Malayan Nat. Soc. (*Malay. Nat. J.*, 55:279-469, 8 pl.).

Kaleka, A. S.

2001. A new species of moth under genus *Lemyra* (Arctiinae: Arctiidae: Lepidoptera). *J. Bombay Nat. Hist. Soc.*, 98:422-424. [India]

Kaleka, A. S., and J. S. Kirti

2001. A new genus *Mangina* along with the taxonomy of *Argina* Hubner (Arctiinae: Arctiidae: Lepidoptera). *J. Bombay Nat. Hist. Soc.*, 98:250-253. [Asia]

Tougoët, H. de

- 2001a. Description de nouvelles Arctiides néotropicales et d'un nouveau genre (Lepidoptera, Arctiidae, Arctiinae). *Nouv. Rev. Ent.* (Paris), (n.s.) 18: 113-121. [S. Amer.]

- 2001b. Description de nouvelles arctiides néotropicales (Lepidoptera Arctiidae Arctiinae). *Lambill.* (Turvuren), 101:399-402. [Guatemala]

Yoshimoto, H.

2001. Description of a new species of *Brana* Walker (Lepidoptera, Noctuidae, Ophiderinae) from Thailand. *Trans. Lepid. Soc. Japan* (Tokyo), 52:250-252.

BOMBYCIDAE

Koul, A., K. Ram, D. Singh, and R. K. Arora

2001. Oviposition pattern of silkworm, *Bombyx mori*. *J. Ins. Sci.* (Ludhiana), 11:169-170. [India]

Shirakawa, K., and Y. Kishida

2001. *Ernolatia moorei* (Hutton) (Bombycidae) from Ishigaki Island, Ryukyu. *Japan Heteroc. J. (Tokyo)*, 213:248. [in Japanese]

CASTNIIDAE

O'Dwyer, C.

2001. The habitat of the golden sun moth *Synemon plana* (Lepidoptera: Castniidae). *Trans. Roy. Zool. Soc. NSW* (Sydney), 1999:322-324. [Australia]

COSMOPTERIGIDAE

Landry, B.

2001. The Cosmopterigidae (Lepidoptera) of the Galápagos Islands, Ecuador. *Rev. Suiss. Zool.* (Geneva), 108:513-539.

COSSIDAE

Schoorl, J. W., Jr.

2001. A new species of *Trismelasmus* (Lepidoptera: Cossidae) from Irian Jaya. *Ent. Ber.* (Amsterdam), 61:99-100.

GELECHIIDAE

Kumar, P. S., T. R. Goud, and T. V. K. Singh

- [2001]. Life-fertility tables and stable-age distribution of groundnut leafminer, *Aproaerema modicella* Dev. *Indian J. Pl. Prot.* (Hyderabad), 26:115-124. (1998) [India]

Park, K.-T.

2001. Two new species of *Dichomeris* (Lepidoptera, Gelechiidae) from Taiwan. *Ins. Koreana* (Chuncheon), 18:307-310.

GEOMETRIDAE

Abraham, D., N. Ryholm, H. Wittzell, J. D. Holloway, M. J. Scoble, and C. Lofstedt

2001. Molecular phylogeny of the subfamilies of Geometridae (Geometroidea: Lepidoptera). *Molec. Phylogen. Evol.* (San Diego), 20:65-77.

Garlacz, R.

2001. Species of the genus *Zamarada* Moore in Nigeria with notes on their geographical distribution (Rhopalocera, Geometridae, Ennominae). *Lambill.* (Tervuren), 101:610-616.

Hausmann, A., and M. Sommerer

2001. *Oenospila kopperi*, spec. nov., eine neue grüne Geometride aus Sumatra (Insecta, Lepidoptera, Geometridae, Geometrinae). *Spixiana* (Munich), 24:241-244.

Hausmann, A., and R. Trusch

2001. Proceedings of the Forum Herbolut 2001. Neotropical Geometridae: approaches to a modern concept of the geometrid system on genus and tribe level (8.3-9.32001). *Spixiana* (Munich), 24:193-202.

Herbulot, C.

- 2001a. Nouveaux Geometridae néotropicaux (Lepidoptera). *Lambill.* (Turvuren), 101:103-106. [Bolivia, Dominica, Ecuador, Peru]

- 2001b. Nouveaux Larentiinae et Ennominae africains (Lepidoptera Geometridae). *Bull. Soc. Ent. Mulhouse*, 57:73-78. [Africa]

Inoue, H.

2001. Subspeciation of *Milionia philippinensis* Rothschild in the Philippines (Geometridae, Ennominae). *Tinea* (Tokyo), 16:293-206.

Intachat, J., J. D. Holloway, and H. Staines

2001. Effects of weather and phenology on the abundance and diversity of geometroid moths in a natural Malaysian tropical rain forest. *J. Trop. Ecol.* (Cambridge), 17:411-429. [Malaysia]

Karisch, T.

2001. Zur Geometridenfauna von Bioko (Lepidoptera: Geometridae). *Lambill.* (Tervuren), 101:161-184.

Krüger, M.

2001. A revision of the tribe Macariini (Lepidoptera: Geometridae: Ennominae) of Africa, Madagascar and Arabia. *Bull. Nat. Hist. Mus.* (London), Ent., 70(1):1-502.

McQuillan, P. B.

2001. The effect of changes in Tasmanian grasslands on the geometrid moth tribe Xanthorhoini (Geometridae: Larentiinae). *Trans. Roy. Zool. Soc. NSW* (Sydney), 1999:121-128. [Tasmania]

McQuillan, P. B., C. J. Young, and A. M. M. Richardson

2001. A revision of the Australian moth genus *Paralaea* Guest (Lepidoptera: Geometridae: Ennominae). *Invert. Taxon.* (Canberra), 15:277-317.

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

2001. Description de la hembra y huevo de *Mallomus anguloi* Parra & Henríquez (Lepidoptera: Geometridae: Nacophorini). *Revta. Chil. Ent.* (Santiago), 28:59-61. [Chile]

Parra, L. E., and H. A. Vargas

2001. Revision del genero *Neorumia* Bartlett-Calvert, 1893 (Lepidoptera: Geometridae). *Revta. Chil. Ent.* (Santiago), 27:91-98. (2000) [Chile]
- Pasenow, B., S. Maria, M. M. Dias, and A. M. Penteado-Dias
2001. Bionomic aspects of *Eois tegularia* (Guenée) and *Eois glauculata* (Walker) (Lepidoptera, Geometridae, Larentiinae) and their parasitoids. *Revta. Bras. Zool.* (Curitiba), 18:837-840. [Brazil] [in Portuguese]

Sato, R.

2001. Larva of *Biston marginata* Shiraki (Geometridae, Ennominae) in Okinawa. *Yugato* (Niigata), 164:58-60. [in Japanese]

Schmidt, O.

2001. Australian species of *Anachloris* Meyrick (Lepidoptera: Geometridae: Larentiinae): taxonomy, musculature of the male genitalia and systematic position. *Austr. J. Ent.* (Carlton), 40:219-230.

Tominaga, S.

- 2001a. Additional notes on the host plants of *Perixera* sp. (Geometridae). *Yugato* (Niigata), 164:48. [Okinawa] [in Japanese]

- 2001b. Larval food plants of five species of Geometridae in Okinawa. *Yugato* (Niigata), 164:61-65. [in Japanese]

- 2001c. Notes on the larvae of six geometrid moths in Okinawa Island. *Yugato* (Niigata), 166:119-122. [in Japanese]

Wojtusiak, J., and R. Garlacz

2001. The Geometridae of the São Tomé and Príncipe Islands in the Gulf of Guinea. A Checklist with notes on their geographical distribution. *Lamill.* (Turvuren), 101:473-481.

Young, C. J., and P. B. McQuillan

2001. Redescription of the little-known Australian geometrid moth *Palleopa innotata* Walker, 1866 (Lepidoptera: Geometridae: Ennomiane). *Ins. Syst. Evol.* (Copenhagen), 32:263-278. [Australia]

Zanuncio, J. C., R. N. C. Guedes, T. V. Zanuncio, and A. S. Fabres

2001. Species richness and abundance of foliating Lepidoptera associated with *Eucalyptus grandis* in Brazil and their response to plant age. *Austral Ecol.* (Carlton), 26:582-589. [Geometridae] [Brazil]

GRACILLARIIDAE**Chagas, M. C. M., J. R. P. Parra, T. Namekata, J. S. Hartung, and P. T. Yamamoto**

2001. *Phyllocnistis citrella* Stainton (Lepidoptera: Gracillariidae) and its relationship with the citrus canker bacterium *Xanthomonas axonopodidis* pv *citri* in Brazil. *Neotrop. Ent.* (Itabuna), 30:55-59.

HEPIALIDAE**Allan, R. A., and Q. Wang**

2001. Mating behaviour, and evidence of a female-released sex pheromone, in *Wiseana copularis* (Meyrick) (Lepidoptera: Hepialidae). *New Zealand J. Zool.* (Wellington), 28:257-262. [New Zealand]

Main, A. R.

2001. Case history studies of the effects of vegetation succession and fire on the moth *Fraus simulans* (Lepidoptera, Hepialidae) and its food plant, the sedge *Ecdeiocolea monostachya* (Ecdeiocoleaceae) in the Western Australia wheatbelt: implications for retention of biodiversity. *Pac. Conserv. Biol.* (Chipping Norton, NSW), 7:93-100.

HESPERIIDAE**Austin, G. T., and A. D. Warren**

2001. Taxonomic notes on some Neotropical skippers (Lepidoptera: Hesperiidae): *Pyrgus*, *Heliopyrgus*, and *Heliopetes* (Pyrginae). *Dugesiana* (Guadalajara), 8:1-13.

Burns, J. M., and D. H. Janzen

2001. Biodiversity of pyrrhopygine skipper butterflies (Hesperiidae) in the Area de Conservación Guanacaste, Costa Rica. *J. Lepid. Soc.* (Los Angeles), 55:15-43.

Devyatkin, A. L.

2001. Hesperiidae of Vietnam, 9. Three new species and one new subspecies from the subfamily Pyrginae (Lepidoptera, Hesperiidae). *Atalanta* (Munich), 32:403-410, pl. 19.

Lamas, G.

2001. Los Riodinidae, Lycaenidae y Hesperiidae americanos descritos por J. Röber (Lepidoptera). *Revta. Peru. Ent.* (Lima), 42:41-48. [Neotropical]

Mielke, O. H. H.

2001. Cladistic study and descriptions of tribes in Pyrrhopyginae (Lepidoptera, Hesperiidae). *Revta. Bras. Zool.* (Curitiba), 18:897-905.

Steinhauser, S. R., and A. D. Warren

2001. A new species of *Euphyes* Scudder from western Mexico (Hesperiidae: Hesperiinae). *J. Lepid. Soc.* (Los Angeles), 55:158-161.

Valentine, P. S., and S. J. Johnson

2001. The life history of *Telicota brachydesma* Lower (Lepidoptera: Hesperiidae). *Austr. Ent.* (Indooroopilly), 27:103-108. [Australia]

Warren, A. D.

- 2001a. A new genus and species of Cyclopidae from Zamora, Ecuador (Lepidoptera: Hesperiidae). *Bol. Cient. Mus. Hist. Nat. Univ. Caldas* (Manizales), 5:138-153.

- 2001b. A replacement name for *Freemania* A. Warren, with notes on the higher classification of the genus (Lepidoptera: Hesperiidae). *Proc. Ent. Soc. Washington*, 103:1028-1029. [Ecuador]

HETEROCERA**Becker, V. O.**

2001. The identity of some unrecognized Neotropical Bombycoidea (Lepidoptera) described by Francis Walker. *Revta. Bras. Zool.* (Curitiba), 18:153-157.

Gregg, P. C., A. P. del Socorro, and W. A. Rochester

2001. Field test of a model of migration of moths (Lepidoptera: Noctuidae) in inland Australia. *Austr. J. Ent.* (Carlton), 40:249-256. [Australia]

Heppner, J. B.

2001. *Exotic Microlepidoptera* of Edward Meyrick - 1. *Lepid. News* (Gainesville), 2001(3):20-56.

Ricketts, T. H., G. C. Daily, P. R. Ehrlich, and J. P. Fay

2001. Countryside biogeography of moths in a fragmented landscape: biodiversity in native and agricultural habitats. *Conserv. Biol.* (Cambridge), 15:378-388. [Costa Rica]

Rosch, M., S. L. Chown, and M. A. McGeoch

2001. Testing a bioindicator assemblage: gall-inhabiting moths and urbanization. *African Ent.* (Pretoria), 9:85-94. [South Africa]

Sato, R.

2001. Bibliography of the moth fauna of Niigata Prefecture, supplement 38. *Yugato* (Niigata), 163:4-5. [Japan] [in Japanese]

Tominaga, S.

- 2001a. Notes on the occurrence of *Daphnis nerii* (Sphingidae), *Parasa lepida* (Limacodidae) and *Nyctemera lacticinia* (Arctiidae) from Okinawa in 2000. *Yugato* (Niigata), 163:33. [in Japanese]

- 2001b. Hostplants of *Cirrhochrista kosempontalis* Strand (Crambidae), *Edulicodes inouella* Roesler (Pyralidae) and *[Neasura melanopyga* Hampson] (Arctiidae) in Okinawa. *Yugato* (Niigata), 165:95-97. [in Japanese]

Vun Khen, C.

2001. Moth diversity in the tropical rain forest of Lanjak-Entimau, Sarawak, Malaysia. *Malay. Nat. J.* (Kuala Lumpur), 54:305-318. (2000)

LASIOCAMPIDAE**Orhant, G. E. R. J.**

2001. Une nouvelle espèce de Lasiocampidae de Thailande (Lepidoptera, Lasiocampidae). *Bull. Soc. Ent. Mulhouse*, 57:6-7.

Zolotuhin, V. V.

2001. Contributions to the study of Asiatic Lasiocampidae. 5. Descriptions of new species of *Euthrix* Meigen, 1830 and of related genera, with a synonymic note (Lepidoptera, Lasiocampidae). *Atalanta* (Munich), 32:453-471, pl. 22. [SE Asia]

LECITHOCERIDAE**Park, K.-T., and H.-Y. Wang**

- [2001]. A tentative check list of the Lecithoceridae (Lepidoptera) of Taiwan, with notes on two new records. *J. Natl. Taiwan Mus.* (Taipei), 53(2):1-12. (2000)

Park, K.-T., and C.-S. Wu

2001. Additional faunistic data and discussions of Lecithoceridae (Lepidoptera) from Sri Lanka, with descriptions of seven new species. *Ins. Koreana* (Chuncheon), 18:139-152.

LEPIDOPTERA**Brakefield, P. M.**

2001. Structure of a character and the evolution of butterfly eyespot patterns. *J. Exp. Zool.* (New York), 291:94-104. [Africa]

Buchsbaum, U.

2001. Entomologische Reise ins neue Jahrtausend — die ersten Schmetterlinge des Jahres 2000 aus Borneo. *Ent. Zeit.* (Stuttgart), 111:212-217. [Sabah]

Diniz, I. R., H. C. Morais, and A. J. A. Camargo

2001. Host plants of lepidopteran caterpillars in the cerrado of the Distrito Federal, Brazil. *Revta. Bras. Ent.* (Sao Paulo), 45:107-122.

Hoare, R. J. B.

2001. Adventive species of Lepidoptera recorded for the first time in New Zealand. *New Zealand Ent.* (Auckland), 24:23-47.
- Holloway, J. D., G. Kirby, and D. Peggie**
2001. *The Families of Malesian Moths and Butterflies*. Leiden: E. J. Brill. 455pp (8 pl.).
- Karisch, T.**
2001. On the Lepidoptera fauna of St. Helena. Part I: Macrolepidoptera (Insecta: Lepidoptera). *Linzer Biol. Beitr.* (Linz), 33:407-434. [in German]
- Morishita, K.**
2001. A flying visit to N. W. Yunnan, China. *Yadoriga* (Tokyo), 191:14-23. [in Japanese]
- Morris, S. J.**
2001. An insect survey in the Landsborough Valley-West Coast. *Rec. Canterbury Mus.*, 12:44-48. (1998) [New Zealand]
- Patrick, B. H., and R. Cuthbert**
2001. Lepidoptera and other insects of the Seaward Kaikoura Range. *Rec. Canterbury Mus.* (Canterbury), 13:123-127. (1999) [New Zealand]
- Robinson, G. S., P. R. Ackery, I. J. Kitching, G. W. Beccaloni, and L. M. Hernández**
2001. *Hostplants of the Moth and Butterfly Caterpillars of the Oriental Region*. London: Nat. Hist. Mus. 744pp.
- Schulze, C. H., K. E. Linsenmair, and K. Fiedler**
2001. Understory versus canopy: patterns of vertical stratification and diversity among Lepidoptera in a Bornean rain forest. *Plant Ecol.* (Dordrecht), 153:133-152. [Borneo]
- Robinson, G. S., P. R. Ackery, I. J. Kitching, G. W. Beccaloni, and L. M. Hernández**
2001. *Hostplants of the Moth and Butterfly Caterpillars of the Oriental Region*. London: Nat. His. Mus. 744pp.
- Zanuncio, J. C., R. N. C. Guedes, T. V. Zanuncio, and A. S. Fabres**
2001. Species richness and abundance of defoliating Lepidoptera associated with *Eucalyptus grandis* in Brazil and their response to plant age. *Austral Ecol.* (Carlton), 26:582-589. [Geometridae] [Brazil]
- LIMACODIDAE**
- Corrales, J. F., and M. E. Epstein**
[2001]. New species of the New World *Natada* complex (Lepidoptera: Limacodidae). *Revta. Biol. Trop.* (San Jose), 48:591-604. (2000) [Costa Rica]
- Sasaki, A., I. Tanahara, and M. Tanahara**
2001. Redescription of *Narosoideus ochridorsalis* Inoue, new status (Limacodidae) and notes on its larva. *Japan Heteroc. Soc.* (Tokyo), 214:264-266. [Okinawa] [in Japanese]
- LYCAENIDAE**
- Bálint, Z.**
2001. Three new eumaeine species from the Andes (Lepidoptera: Lycaenidae). *Fol. Ent. Hung.* (Budapest), 62:167-175. [Peru, Venezuela]
- Bálint, Z., and D. Benyamini**
2001. Taxonomic notes, faunistics and species descriptions of the austral South American polyommata lycenid genus *Pseudolucia* (Lepidoptera: Lycaenidae): the *chilensis* and *collina* species-groups. *Ann. Hist.-Nat. Mus. Natl. Hung.* (Budapest), 93:107-149. [Argentina, Chile]
- Bálint, Z., D. Benyamini, and K. Johnson**
2001. Species descriptions and miscellaneous notes on the genus *Pseudolucia* (Lepidoptera: Lycaenidae). *Fol. Ent. Hung.* (Budapest), 62:151-165. [Chile]
- Bálint, Z., and A. Moser**
2001. Notes on the genus *Paraspiculatus* (Insecta: Lepidoptera: Lycaenidae: Eumaeini) with a synopsis of the taxa occurring in southern Brazil. *Ann. Naturhist. Mus. Wien*, 103B:249-262.
- Bálint, Z., and J. Wojtusiak**
2001. The genus *Pons* Johnson, 1992 (Lepidoptera: Lycaenidae: Eumaeini). *Genus* (Wroclaw), 12:373-383. [Neotropical]
- Brégnon, C.**
2001. Le genre *Chlorostrymon* Clench, 1961 en Guadeloupe (Lepidoptera, Lycaenidae, Theclinae). *Lambill.* (Tervuren), 101:561-566.
- Cordero, C.**
2001. A different look at the false head of butterflies. *Ecol. Ent.* (London), 26:106-108. [Mexico]
- Duarte, M., C. L. de Almeida, M. M. Casagrande, and O. H. H. Mielke**
2001. Notes on the last instar larva and pupa of *Hemiargus hanno* (Stoll) (Lepidoptera, Lycaenidae, Polyommatainae). *Revta. Bras. Zool.* (Curitiba), 18:1097-1105. [Brazil]
- Duarte, M., M. M. Casagrande, and O. H. H. Mielke**
2001. Adult exoskeletal morphology of *Hemiargus hanno* (Stoll) (Lepidoptera, Lycaenidae, Polyommatainae, Polyommatini). I. Head morphology. *Revta. Bras. Zool.* (Curitiba), 18:225-238. [Brazil]
- Fiedler, K.**
2001. Ants that associate with Lycaeninae butterfly larvae: diversity, ecology and biogeography. *Divers. Distrib.* (Oxford), 7:45-60.
- Johnson, S. J., and P. S. Valentine**
2001. The life history of *Nesolycaena medicea* Braby (Lepidoptera: Lycaenidae). *Austr. Ent.* (Indooroopilly), 27:109-112. (2000) [Australia]
- Lamas, G.**
2001. Los Riodinidae, Lycaenidae y Hesperiidae americanos descritos por J. Röber (Lepidoptera). *Revta. Peru. Ent.* (Lima), 42:41-48. [Neotropical]
- Larsen, T. B.**
2001. Hazards of butterfly collecting: *Ornipholidotos larseni* - Nigeria, 1967-69. *Ent. Rec. J. Var.* (Surrey), 113:80-81.
- Libert, M.**
2001a. Le genre *Ornipholidotos* Bethune-Baker au Cameroun. Descriptions du genre *Torbenia* n. gen. et de onze nouvelles espèces (Lepidoptera, Lycaenidae). *Bull. Soc. Ent. Fr.* (Paris), 105:433-466. (2000) [Cameroun]
2001b. *Euchrysops* Butler et *Lepidochrysops* Hedicke: deux genres distincts? Description de quatre nouvelles espèces et de deux nouvelles-espèces (Lepidoptera, Lycaenidae). *Lambill.* (Tervuren), 101:351-371. [Cameroun]
- Osada, S.**
2001. A new species of Lycaenidae (Lepidoptera), *Horaga sohmai*, from Sulawesi, Indonesia. *Trans. Lepid. Soc. Japan* (Tokyo), 52:183-186.
- Schroeder, H. G., C. G. Treadaway, I. Schroeder, and J. Nuyda**
2001. Zur Kenntnis philippinischer Taxa des Genus *Horaga* Moore, 1881 (Lepidoptera: Lycaenidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:109-118. [Philippines]
- Silberbauer, L. X., and D. R. Britton**
2001. Holiday houses or habitat: conservation of the Brenton blue butterfly *Orachrysops niobe* (Trimen) (Lepidoptera: Lycaenidae), in Knysna, South Africa. *Trans. Roy. Zool. Soc. NSW*, 1999:394-397.
- Tennent, W. J.**
2001a. A new species of *Ionolyce* Toxopeus from the Solomon Islands (Santa Cruz group) and Vanuatu (Lepidoptera: Lycaenidae). *Austr. Ent.* (Indooroopilly), 28:41-44.
2001b. Notes on *bochus*-group of species of the genus *Jamides* Hübner in the Santa Cruz Islands (Solomon Islands), with description of a new subspecies of *Jamides amarauge* Druce (Lepidoptera: Lycaenidae). *Austr. Ent.* (Indooroopilly), 28:45-48.
2001c. What is *Nacaduba malicocco markira* Tite? A new species of *Nacaduba* Moore from the Solomon Islands (Lepidoptera: Lycaenidae). *Aust. Ent.* (Indooroopilly), 28:85-90.
2001d. Three new *Hypochnysops* C. & R. Felder taxa from the Solomon Islands, including a new species from the Santa Cruz group (Lepidoptera: Lycaenidae). *Aust. Ent.* (Indooroopilly), 28:91-96.
2001e. Further notes on the *Deudorix affinis* group in the South Pacific (Lepidoptera: Lycaenidae). *Aust. Ent.* (Indooroopilly), 28:137-140.
- Vincens, P.**
2001. *Lampides boeticus* Linné, 1767, espèce présente dans le nouveau monde? (Lepidoptera Lycaenidae). *Alexanor* (Paris), 21:203-205. (1999) [Martinique]
- Williams, M. R., and H. H. Bolland**
2001. A new subspecies of *Candalides hyacinthinus* (Semper) (Lepidoptera: Lycaenidae) from Western Australia. *Austr. Ent.* (Indooroopilly), 28: 49-54.
- Williams, M. R., and R. W. Hay**
2001. Two new subspecies of *Ogyris otanes* C. & R. Felder (Lepidoptera: Lycaenidae) from Western Australia. *Austr. Ent.* (Indooroopilly), 28: 55-63.
- LYMANTRIIDAE**
- Chao, J.-T., S.-S. Lu, Y.-M. Chen, L.-M. Juang, N.-K. Chao, and W.-C. Yeh**
2001. How fecund is *Lymantria xyloina* Swinhoe (Lepidoptera: Lymantriidae) in Taiwan? *Taiwan J. For. Sci.* (Taipei), 16:259-266.
- Tominaga, S.**
2001. Colour variation of larvae of three *Euproctis* species (Lymantriidae) in Okinawa. *Yugato* (Niigata), 165:79-82. [in Japanese]
- LYONETIIDAE**
- Reis, R., Jr., E. R. Lima, E. F. Vilela, and R. S. Barros**
[2001]. Method for maintenance of coffee leaves in vitro for mass rearing of

- Leucoptera cafeeum* (Guérin-Méneville) (Lepidoptera: Lyonetiidae). *An. Soc. Ent. Bras.* (Itabuna), 29:849-854. (2000) [Brazil]
- MEGALOPYGIDAE**
Deml, R., and M. E. Epstein
 2001a. Hydroquinone and other secondary compounds in hairs of fire caterpillars (Lepidoptera: Zygaenoidea: Megalopygidae). *Ent. Gener.* (Stuttgart), 25:131-134. [Venezuela]
 2001b. Illustration of a caterpillar of Megalopyginae (Lepidoptera: Megalopygidae) whose hairs contain antiseptic compounds. *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:187-189. [Venezuela]
- METARBELIDAE**
Babu, B. S., S. R. Pandravada, N. Sivaraj, and K. Venkateswaran
 [2001]. An introduced oil yielding plant from El Salvador, *Simarouba glauca* DC., a new host record for bark eating caterpillar *Indarbela quadrinotata* (Walker). *Indian J. Plant Prot.* (Hyderabad), 28:111-112. (2000) [India]
- NOCTUIDAE**
Adams, M. S.
 2001. A revision of the moth genus *Leucania* Ochsenheimer in the Antilles (Insecta: Lepidoptera: Noctuidae). *Ann. Carnegie Mus.* (Pittsburgh), 70: 179-220. [West Indies]
Angulo, A. O., and T. S. Olivares
 2001. Clave para identificar pupas de especies de noctuidos Chilenos (Lepidoptera: Noctuidae). *Revta. Chil. Ent.* (Santiago), 28:55-58. [Chile]
Angulo, A. O., T. S. Olivares, and R. Badilla
 2001. Sur une nouvelle espèce du genre *Copitarsia* Hampson au Chili (Lepidoptera, Noctuidae, Cucullinae [sic]). *Gayana* (Concepcion), 65:1-4. [Chile]
Becker, V. O.
 2001a. A new Antillean moth of the genus *Enigmogramma* Lafontaine & Poole (Noctuidae, Plusiinae). *Revta. Bras. Zool.* (Curitiba), 18:145-147. [West Indies]
 2001b. The identity of *Hemeroblemma lienaris* Hübner and a review of the Neotropical moths of the *panmosa*-complex of *Epidromia* Guenée (Noctuidae, Catocalinae). *Revta. Bras. Zool.* (Curitiba), 18:961-964.
Behounek, G.
 2001. Beschreibung einer neuen Art der Gattung *Chrysodeixis* Hübner, [1821] 1816, aus Indonesien (Lepidoptera: Noctuidae, Plusiinae). *Ent. Zeit.* (Stuttgart), 111:277-278. [Indonesia: Ceram]
Dewhurst, C. F., W. W. Page, and D. J. W. Rose
 2001. The relationship between outbreaks, rainfall and low density populations of the African armyworm, *Spodoptera exempta*, in Kenya. *Ent. Exp. Appl.* (Amsterdam), 98:285-294.
Eda, K.
 2001. *Dysgonia palumba* (Guenée) (Noctuidae, Catocalinae) from Okinawa Island. *Japan Heteroc. J.* (Tokyo), 213:244. [in Japanese]
Gregg, P. C., A. P. del Socorro, and W. A. Rochester
 2001. Field test of a model of migration of moths (Lepidoptera: Noctuidae) in inland Australia. *Aust. J. Ent.* (Carlton), 40:249-256. [Australia]
Inoue, H.
 2001. On the Nolinae (Noctuidae) from Okinawa Prefecture, with descriptions of two new species. *Japan Heteroc. J.* (Tokyo), 212:223-230. [in Japanese]
Kononenko, V. S., and L. Ronkay
 2001. A revision of the genus *Stenoloba* Staudinger (Lepidoptera, Noctuidae, Bryophilinae) with descriptions of 15 new species and 3 new subspecies from East Asia (II). *Ins. Koreana* (Chuncheon), 18:95-121.
Krüger, M.
 2001a. A review of the genus *Acronicta* Ochsenheimer in southern Africa, with descriptions of three new species (Lepidoptera: Noctuidae: Acronictinae). *Ann. Transvaal Mus.* (Pretoria), 38:1-8.
 2001b. A revision of the montane *Athetis aurogrisea* and *A. perplexa* species groups (Lepidoptera: Noctuidae: Amphipyrinae). *Ann. Transvaal Mus.* (Pretoria), 38:19-42. [South Africa]
Lödl, M.
 2001a. A peculiar evolutive lineage of the uncus in the genus *Catada* Walker, [1859] 1858. *Spixiana* (Munich), 24:77-84. [Old World tropics]
 2001b. *Catada ja* sp. n., eine neue Hypeninae aus der äquatorialen Afrika (Lepidoptera: Noctuidae). *Zeit. Arbeitsgem. Österr. Ent.* (Vienna), 53:105-109. [Cameroon]
Lödl, M., and P. Paumkirschner
 2001. *Catada psychis* sp.n., ein neuer noctuide aus West-Afrika (Insecta: Lepidoptera: Noctuidae). *Ann. Naturhist. Mus. Wien*, (B) 103:263-268. [Africa]
Mielke, O. H. H., and M. M. Casagrande
 2001. About the types of Lepidoptera deposited in Brazilian museums. XXVI. Zygaenidae (supplement) and Noctuidae described by A. M. da Costa Lima. *Revta. Bras. Zool.* (Curitiba), 18:1341-1342. [Brazil] [in Portuguese]
Oh, S.-H.
 2001. A review of the subfamily Nolinae (Lepidoptera, Noctuidae) in Korea (I): genus *Nola* Leech. *Ins. Koreana* (Chuncheon), 18:123-137.
Ohbayashi, T.
 2001. On the additional host plants of *Condica illecta* (Walker) (Noctuidae, Amphipyrinae). *Japan Heteroc. J.* (Tokyo), 215:291. [Bonin Is.] [in Japanese]
Ohbayashi, T., and K. Takeuchi
 2001. Larva of *Anomis fulvida* (Guenée) (Noctuidae). *Japan Heteroc. J.* (Tokyo), 212:220. [Bonin Is.] [in Japanese]
Orhant, G. E. R. J.
 2001. *Progonia matilei* n. sp., espèce distincte de *P. pileusalis* (Walker) (Lepidoptera, Noctuidae, Herminiae). *Rev. Fr. Ent.* (Paris), 23:124-126. [Madagascar, Reunion, Seychelles]
Rodríguez, M. A., and A. O. Angulo
 2001. Tres nuevas especies del género *Scriptana* Hampson 1905, en Chile (Lepidoptera: Noctuidae: Hadeniinae). *Gayana* (Concepcion), 65:27-36.
Rossaiah, B., and A. S. Reddy
 [2001]. Bioecology of *Helicoverpa armigera* (Hübner) in Nagarjuna Sugar Project area of Andhra Pradesh. *J. Ins. Sci.* (Ludhiana), 12:27-33. (1999) [India]
Socorro, A. P. Del, and P. C. Gregg
 2001. Sunflower (*Helianthus annuus* L.) pollen as a marker for studies of local movement in *Helicoverpa armigera* (Hübner) (Lepidoptera: Noctuidae). *Aust. J. Ent.* (Carlton), 40:257-263. [Australia]
Sugi, S.
 2001. Further specimens examined of *Tiracola plagiata* Walker (Noctuidae) from Okinawa. *Japan Heteroc. J.* (Tokyo), 213:246. [in Japanese]
Sugi, S., and S. Tominaga
 2001a. Early stages of *Miaromima kobesi* (Sugi) (Noctuidae, Chloephoriinae). *Japan Heteroc. J.* (Tokyo), 214:257-258. [Okinawa] [in Japanese]
 2001b. *Selepa molybdea* Hampson (Nolidae in revised sense, Elgminiae) from Okinawa, with notes on the larva feeding on *Smilax* (Smilacaceae). *Japan Heteroc. J.* (Tokyo), 216:313-315. [in Japanese]
Tanahara, I., and M. Tanahara
 2001a. Larva and hostplant of *Chalciope mygdon* (Cramer) (Noctuidae, Catocalinae). *Japan Heteroc. J.* (Tokyo), 213:252. [Okinawa] [in Japanese]
 2001b. Larva and hostplant of *Eudocima salaminia* (Fabricius) (Noctuidae, Catocalinae) in Okinawa Island. *Japan Heteroc. J.* (Tokyo), 216:293-294. [in Japanese]
 2001c. Outbreak of *Pericycma cruegeri* (Butler) (Noctuidae, Catocalinae) in Okinawa Island in the year 2000. *Japan Heteroc. J.* (Tokyo), 216:311-312. [in Japanese]
Teixeira, E. P., J. P. S. Novo, C. P. Stein, and I. J. Godoy
 2001. First record of *Spodoptera albula* (Walker) (Lepidoptera: Noctuidae) damaging peanuts (*Arachis hypogaea* L.), in the state of São Paulo, Brazil. *Neotrop. Ent.* (Londrina), 30:723-724. [in Portuguese]
Teston, J. A., A. Specht, and E. Corseuil
 2001. Biology of *Anicla infecta* (Ochsenheimer, 1816) (Lepidoptera, Noctuidae, Noctuinae), under laboratory conditions. *Revta. Bras. Biol.* (Rio de Janeiro), 61:661-666. [Brazil]
Thöny, H.
 2001a. 10. Beitrag zur Heterocera-Fauna von Brasilien. 1. Studie zur Gattung *Chalcoecia* Hampson, 1910 (Lepidoptera, Noctuidae, Amphipyrinae). *Facetta* (Ingolstadt), 20:2-10, pl. 1-2, 9, 11. [Brazil]
 2001b. 11. Beitrag zur Heterocera-Fauna von Brasilien. 1. Studie zur Gattung *Trogotorna* Hampson, 1910 (Lepidoptera, Noctuidae, Acontiinae). *Facetta* (Ingolstadt), 20:11-10, pl. 4, 9-13. [Brazil]
 2001b. 12. Beitrag zur Heterocera-Fauna von Brasilien. Neue Daten zur Verbreitung der Gattung *Gonodontia* Hübner, 1818, nebst Beschreibung von zwei neuen Arten (Lepidoptera, Noctuidae, Catocalinae). *Facetta* (Ingolstadt), 20:18-22, 35-36, pl. 3, 12. [Brazil]
Tominaga, S.
 2001a. Larvae and host plants of four noctuid species in Okinawa. *Yugato* (Niigata), 163:1-3. [in Japanese]
 2001b. Hostplants of three noctuid species in Okinawa. *Yugato* (Niigata), 165: 91-93. [in Japanese]

- 2001c. Breeding experiments of larvae of *Asota plana* Walker (Hypsidae). *Yugato* (Niigata), 166:111. [Okinawa] [in Japanese]
- 2001d. Biological notes on *Plataplecta pruinosa* (Guenée) (Noctuidae) in Okinawa Island. *Yugato* (Niigata), 166:115-118. [in Japanese]
- 2001e. Larvae of three species of *Callopistria* (Noctuidae) found in Okinawa. *Japan Heteroc. J.* (Tokyo), 216:308-310. [in Japanese]
- Yoshimatsu, S., and A. Legrain**
2001. Review of the genus *Mythimna* Ochsenheimer [sic] (Lepidoptera, Noctuidae, Hadenniae) in Taiwan, with description of a new species and checklist. *Ent. Sci.* (Tokyo), 4:431-437.
- Yoshimoto, H.**
- 2001a. Two new species of *Dionea* Walker (Lepidoptera, Noctuidae) from Japan, Taiwan and Myanmar. *Trans. Lepid. Soc. Japan* (Tokyo), 52: 150-156.
- 2001b. Notes on the genus *Panilla* Moore (Lepidoptera, Noctuidae, Ophiderinae), with description of a new species from Taiwan. *Tinea* (Tokyo), 16:342-347.
- 2001c. Notes on *Niaccaba sumptualis* Walker (Noctuidae, Acontiinae) new to Japan. *Japan Heteroc. J.* (Tokyo), 215:273-274. [Ryukyu] [in Japanese]
- Zilli, A.**
- 2001a. On the identity of *Iontha acerces* A. E. Prout (Lepidoptera, Noctuidae), with descriptions of a new species of *Iontha* Doubleday from Borneo. *Trans. Lepid. Soc. Japan* (Tokyo), 52:101-108.
- 2001b. A new African *Attatha* (Moore) (Lepidoptera, Noctuidae). *Esperiana* (Staffelstein), 8:633-636, pl. 30. [Cameroon]
- NOTODONTIDAE**
- Schintlmeister, A.**
2001. *Resto* gen. N. and *Rosemera* gen.n., two new Oriental genera with descriptions of four new species. *Reichenbachia* (Dresden), 34:175-180. [SE Asia]
- Schintlmeister, A., and C.-L. Fang**
2001. New and less known Notodontidae from mainland China (Insecta, Lepidoptera, Notodontidae). *Neue Ent. Nachr.* (Marktleuthen), 50:1-141.
- Thiaucourt, P.**
- 2001a. Notes complémentaires sur le genre *Sericochroa* Felder (Lepidoptera, Notodontidae). *Nouv. Rev. Ent.* (Paris), (n.s.) 17:375-383. (2000) [S. Amer.]
- 2001b. Deux nouveaux *Sericochroa* Felder (Lepidoptera, Notodontidae). *Nouv. Rev. Ent.* (Paris), (n.s.) 18:49-51. [Peru]
- 2001c. Nouvelles espèces de Notodontidae guyano-amazoniennes (Lepidoptera, Heterocera). *Lambill.* (Turvuren), 101:413-423. [S. Amer.]
- NYMPHALIDAE**
- Amiet, J.-L.**
2001. Les premiers états des *Cymothoe*: morphologie et intérêt phylogénique (Lepidoptera, Nymphalidae). *Bull. Soc. Ent. Fr.* (Paris), 106:349-390. [Cameroon]
- Anuradha, R.**
2001. Some observations on larval and pupal dimorphism in the common nawab butterfly (*Eriboea athamus*). *J. Bombay Nat. Hist. Soc.*, 98:303-304. [India]
- Alturi, J. B., S. P. V. Ramana, and C. S. Reddi**
- [2001]. Life cycle of *Acraea terpsicore* (Lepidoptera: Rhopalocera: Acraeidae) from India. *J. Natl. Taiwan Mus.* (Taipei), 52:113-115. (1999)
- Azerefegna, F., C. Solbreck, and A. R. Ives**
2001. Environmental forcing and high amplitude fluctuations in the population dynamics of the tropical butterfly *Acraea acerata* (Lepidoptera: Nymphalidae). *J. Anim. Ecol.* (Oxford), 70:1032-1045. [Ethiopia]
- Bernaud, D.**
2001. Premiers états d'*Acraea jodutta* au Cameroun (Lepidoptera Nymphalidae). *Lambill.* (Turvuren), 101:197-202. [Cameroun]
- Brabant, R., and J.-M. Maes**
2001. Une nouvelle espèce de *Pteronymia* Butler & Druce, 1862 pour le Nicaragua (Lepidoptera, Ithomiidae). *Lambill.* (Turvuren), 101:135-138.
- Brakefield, P. M., E. El Filali, R. van der Laan, C. J. Breuker, I. J. Saccheri, and B. Zwaan**
2001. Effective population size, reproductive success and sperm precedence in the butterfly, *Bicyclus anynana*, in captivity. *J. Evol. Biol.* (Basel), 14: 148-156. [Africa]
- Brévignon, C.**
2001. *Marpesia petreus* (Cramer, 1776) dans les petites Antilles (Lepidoptera, Nymphalidae, Biblidinae). *Lambill.* (Turvuren), 101:575-578. [Caribbean]
- Brunetti, C. R., J. E. Selegue, A. Monteiro, V. French, P. M. Brakefield, and S. B. Carroll**
2001. The generation and diversification of butterfly eyespot color patterns. *Curr. Biol.* (London), 11:1578-1585. [Africa]
- Calvert, W. H.**
2001. Monarch butterfly (*Danaus plexippus* L., Nymphalidae) fall migration: flight behavior and direction in relation to celestial and physiographic cues. *J. Lepid. Soc.* (Los Angeles), 55:162-168. [Mexico, USA]
- Chaturvedi, N., V. Giri, and V. Hegde**
2001. Migration of the commander butterfly *Limenitis procris* (Cramer). *J. Bombay Nat. Hist. Soc.*, 98:301, [India]
- Einem, G. E.**
2001. Behavior of juno silverspot, *Dione juno huascama*, larvae: wood eating? *News Lepid. Soc.* (Los Angeles), 43:114-115. [Mexico]
- Freitas, A. V. L., K. S. Brown, Jr., and A. Aiello**
2001. Biology of *Adelpha mythra* feeding on Asteraceae, a novel plant family for the Neotropical Limenitidinae (Nymphalidae), and new data on *Adelpha* "species-group VII". *J. Lepid. Soc.* (Los Angeles), 54:97-100. (2000) [Brazil]
- Freitas, A. V. L., J. Vasconcellos-N., F. Vanini, J. R. Trigo, and K. S. Brown, Jr.**
2001. Population studies of *Aeria olena* and *Tithorea harmonia* (Nymphalidae, Ithomiinae) in southeastern Brazil. *J. Lepid. Soc.* (Los Angeles), 55:150-157.
- Furtado, E.**
2001. *Prepona pheridamas pheridamas* (Cramer) and its immature stages (Lepidoptera, Nymphalidae, Charaxinae). *Revta. Bras. Zool.* (Curitiba), 18:689-694. [Brazil] [in Portuguese]
- Greeney, H. F., and N. M. Gerardo**
2001. Descriptions of the immature stages and oviposition behavior of *Pyrrhogyra otolais* (Nymphalidae). *J. Lepid. Soc.* (Los Angeles), 54: 88-90. (2000) [Ecuador]
- Haribal, M.**
2001. Overwintering population of *Danaus (Salathura) genutia* in Tiger Valley in Sanjay Gandhi National Park, Mumbai, Maharashtra. *J. Bombay Nat. Hist. Soc.*, 98:469-473. [India]
- Hecq, J.**
- 2001a. Une nouvelle espèce de *Bebearia?* (Lepidoptera Nymphalidae). *Lambill.* (Tervuren), 101:77. [Ivory Coast]
- 2001b. Description de la femelle de *Bebearia warrenghi* Hecq (Lepidoptera Nymphalidae). *Lambill.* (Tervuren), 101:78. [Ivory Coast]
- 2001c. Nouvelle espèce d'*Euphaedra* d'Afrique équatoriale (Lepidoptera Nymphalidae). *Lambill.* (Turvuren), 101:225-226. [Congo]
- 2001d. Une nouvelle espèce de *Bebearia* du Congo-Kinshasa (Lepidoptera Nymphalidae). *Lambill.* (Turvuren), 101:227-228. [Congo]
- 2001e. Euphaedras d'Uganda: mise au point et rectifications (Lepidoptera Nymphalidae). *Lambill.* (Turvuren), 101:542-549.
- 2001f. Un gynandromorphe chez les *Euphaedra* (Nymphalidae africains). *Lambill.* (Turvuren), 101:550. [Uganda]
- Holmes, C. W. N.**
2001. A reappraisal of the *Bebearia mardania* complex (Lepidoptera Nymphalidae). *Trop. Zool.* (Florence), 14:31-62. [Africa]
- Hsu, R., A. D. Briscoe, B. S. W. Chang, and N. E. Pierce**
2001. Molecular evolution of a long wavelength-sensitive opsin in mimetic *Heliconius* butterflies (Lepidoptera: Nymphalidae). *Biol. J. Linn. Soc.* (London), 72:435-449. [Neotropical]
- Jiggins, C. D., M. Linares, R. E. Naisbit, C. Salazar, Z. H. Yang, and J. Mallet**
2001. Sex-linked hybrid sterility in a butterfly. *Evol.* (Lawrence), 55:1631-1638. [Panama]
- Jiggins, C. D., R. E. Naisbit, R. L. Coe, and J. Mallet**
2001. Reproductive isolation caused by colour pattern mimicry. *Nature* (London), 411:302-305. [Heliconius; Neotropical]
- Johnson, K., and R. De Candido**
2001. Devastating March for monarchs in Mexico. *News Lepid. Soc.* (Los Angeles), 43:44-45.
- Joron, M., I. R. Wynne, G. Lamas, and J. Mallet**
2001. Variable selection and the coexistence of multiple mimetic forms of the butterfly *Heliconius numata*. *Evol. Ecol.* (London), 13:721-754. (1999) [Nymphalidae; Peru]
- Kapan, D. D.**
2001. Three-butterfly system provides a field test of Müllerian mimicry. *Nature* (London), 409:338-340. [Nymphalidae; Puerto Rico]
- Kemp, D. J.**
- 2001a. Age-related site fidelity in the territorial butterfly *Hypolimnas bolina* (L.) (Lepidoptera: Nymphalidae). *Aust. J. Ent.* (Carlton), 40:65-68. [Australia]
- 2001b. Investigating the consistency of mate-locating behavior in the territorial

- butterfly *Hypolimnas bolina* (Lepidoptera: Nymphalidae). *J. Ins. Behav.* (New York), 14:129-147. [Australia]
- 2001c. The ecology of female receptivity in the territorial butterfly *Hypolimnas bolina* (L.) (Nymphalidae): implications for mate location by males. *Aust. J. Zool.* (Melbourne), 49:203-211. [Australia]
- 2001d. Reproductive seasonality in the tropical butterfly *Hypolimnas bolina* (Lepidoptera: Nymphalidae) in northern Australia. *J. Trop. Ecol.* (Cambridge), 17:483-494.
- 2001e. Contest behavior in territorial male butterflies: does size matter? *Behav. Ecol.* (Cary), 11:591-596. [Australia]
- Kemp, D. J., and R. E. Jones**
2001. Phenotypic plasticity in field populations of the tropical butterfly *Hypolimnas bolina* (L.) (Nymphalidae). *Biol. J. Linn. Soc.* (London), 72:33-45. [Australia]
- Kemp, D. J., and R. L. Rutkowski**
2001. Spatial and temporal patterns of territorial male locating behaviour in *Hypolimnas bolina* (L.) (Lepidoptera: Nymphalidae). *J. Nat. Hist.* (London), 36:1399-1411. [Australia]
- Lamas, G.**
2001. Los Papilionidae y Nymphalidae (Morphinae, Satyrinae, Biblidinae y Heliconiinae) americanos descritos por J. Röber (Lepidoptera). *Revta. Peru. Ent.* (Lima), 42:27-40. [Neotropical]
- Lampkin, T. A.**
2001. The life history of *Euploea alcathoe monilifera* (Moore) and its relationship to *E. a. eichorni* Staudinger (Lepidoptera: Nymphalidae: Danainae). *Aust. Ent.* (Indooroopilly), 28:129-136. [Australia]
- Machado, G., and A. V. L. Freitas**
2001. Larval defence against ant predation in the butterfly *Smyrna blomfildia*. *Ecol. Ent.* (London), 26:436-439. [Brazil]
- Monteiro, A., and N. E. Pierce**
2001. Phylogeny of *Bicyclus* (Lepidoptera: Nymphalidae) inferred from COI, COII, and EF-1 α gene sequences. *Molecul. Phylogen. Evol.* (San Diego), 18:264-281. [Africa]
- Moulds, M. S., and R. B. Lachlan**
2001. First record of white monarchs, *Danaus plexippus* (L.) form *nivosus* (Lepidoptera: Nymphalidae: Danainae) from Vanuatu. *Austr. Ent.* (Indooroopilly), 27:113-116. (2000)
- Naisbit, R. E., C. D. Jiggins, and J. Mallet**
2001. Disruptive sexual selection against hybrids contributes to speciation between *Heliconius cydno* and *Heliconius melpomene*. *Proc. Roy. Soc. Biol. Sci.* (London), (B) 268:1849-1854. [Neotropical]
- Neild, A. F. E.**
2001. A new Venezuelan subspecies of *Morpho theseus* Deyrolle, 1860 with notes on the nomenclature, systematics and type specimens of the species (Lepidoptera: Nymphalidae: Morphinae). *Lambill.* (Turvuren), 101:431-454. [S. Amer.]
- Nekrutenko, Y. P.**
2001. A catalogue of the type specimens of Nymphalidae deposited in the collection of the Staatliches Museum für Tierkunde Dresden (Insecta: Lepidoptera: Rhopalocera). *Ent. Abh.* (Dresden), 59:325-403.
- Orellana, A. M.**
- [2001]. Adiciones, rectificaciones y actualizaciones a "Mariposas de Venezuela" por Téophile Raymond. Introducción, Charaxinae y Brassolinae (Lepidoptera: Nymphalidae). *Bol. Ent. Venez.* (Maracay), 15:255-258. (2000)
- Paluch, M., M. M. Casagrande, and O. H. H. Mielke**
2001. Immature stages of *Actinote carycina* Jordan (Lepidoptera, Nymphalidae, Acraeinae). *Revta. Bras. Zool.* (Curitiba), 18:883-896. [Brazil] [in Portuguese]
- Pieloor, M. J., and J. E. Seymour**
2001. Factors affecting adult diapause initiation in the tropical butterfly *Hypolimnas bolina* L. (Lepidoptera: Nymphalidae). *Aust. J. Ent.* (Carlton), 40:376-379. [Australia]
- Rishi, S., G. Sahni, and K. K. Rishi**
2001. Karyological study in *Ergolis merione* Cram. (Nymphalidae: Lepidoptera) with indications of localized centromeres and female heterogrammetry. *Entomon* (Trivandrum), 25:313-322. (2000) [India]
- Rocha, C. F. D. da, and M. Duarte**
2001. Territorial-like defensive behavior of floral resources by *Heliconius ethilla narcaea* Godart over *H. sara apseudes* (Hübner) (Lepidoptera, Nymphalidae, Heliconiinae). *Revta. Bras. Zool.* (Curitiba), 18(Suppl. 1): 323-328. [Brazil]
- Saccheri, I. J., R. A. Nichols, and P. M. Brakefield**
2001. Effects of bottlenecks on quantitative genetic variation in the butterfly *Bicyclus anynana*. *Genet. Res.* (Cambridge), 77:167-181. [Africa]
- Salazar, J. A.**
2001. Las especies de los géneros *Callicore* Hübner, [1819]. *Paulogramma Dillon*, 1948, y *Catacore* Dillon, 1948, depositadas en la colección E. W. Schmidt-Mumm, Bogotá, Colombia (Lepidoptera: Nymphalidae). *SHILAP Revta. Lepid.* (Madrid), 29:179-182.
2001. Contribución al conocimiento de los Morphinae colombianos V. Estudio de una población de *Morpho amathonte* (Deyrolle, 1860) y de *Morpho niepelti studingeri* Niepelt, 1927 en el occidente de Colombia (Lepidoptera: Nymphalidae, Morphinae). *SHILAP Revta. Lepid.* (Madrid), 29:371-377. [Colombia]
- Salazar, J. A., and L. M. Constantino**
2001. Synthesis of the Colombian Charaxidae and description of new genera for South America: *Rydonia*, *Annagrapha*, *Pseudocharaxes*, *Muyshondtia*, *Zikania* (Lepidoptera, Nymphalidae). *Lambill.* (Turvuren), 101:344-369, 506.
- Sato, H.**
2001. Some notes on African Charaxinae. *Yadoriga* (Tokyo), 189:5-9. [in Japanese]
- Sharma, N., and H. S. Rose**
- [2001]. Additional notes on a Himalayan satyrid *Dallacha hyagriva* (Moore) family Satyridae, Lepidoptera. *J. Bombay Nat. Hist. Soc.*, 97:448-450. (2000). [India]
- Smetacek, P.**
2001. Forms of *Danaus chrysippus* Linn. (Lepidoptera: Nymphalidae) in the Kumaon Himalaya. *J. Bombay Nat. Hist. Soc.*, 98:131-132. [India]
- Srygley, R. B.**
2001. Larval description and hostplant record for *Ithomia diaisia* Hewitson (Nymphalidae: Ithomiinae) in Panama. *J. Lepid. Soc.* (Los Angeles), 54:145-146. (2000)
- Tennent, W. J.**
2001. Migration of nymphalid butterflies in southern Laos, Indo-China (Lep.: Nymphalinae [sic]: Danainae). *Ent. Rec. J. Var.* (Surrey), 113:176-177.
- Tsubuki, T., and K. Seta**
2001. The flight and sleeping activities of *Idea leuconoe liukiensis* Holland (Lepidoptera, Danaidae) in relation to the environmental factors in greenhouse. *Trans. Lepid. Soc. Japan* (Tokyo), 52:171-182. [Ryukyu Islands]
- Turlin, B.**
2001. Notes sur le genre *Polyura* Billberg dans les Archipels du Pacifique (Lepidoptera, Nymphalidae, Charaxinae). *Lambill.* (Turvuren), 101:243-247. [Fiji]
- Uehara, J., and T. Yokochi**
2001. Two new species of *Euthalia* (Lepidoptera, Nymphalidae) from northern Laos and northern Vietnam. *Trans. Lepid. Soc. Japan* (Tokyo), 52:237-244.
- Uémura, Y.**
2001. What is *Lethe dora* Staudinger (Lepidoptera, Satyridae)? *Trans. Lepid. Soc. Japan* (Tokyo), 52:81-87. [Borneo]
- Vargas, J. I., and J. A. Salazar-E.**
- 2001a. Mariposas colombianas I. Sobre un extraordinario híbrido de *Consul fabius cecrops* (Dbl. & Hew.) X *Consul panariste pandrosa* (Niep.) (Lep: Charaxidae). *Bol. Cient. Mus. Hist. Nat.* (Manizales), 5:22-25. [Colombia]
- 2001b. Mariposas colombianas II. Sobre estados inmaduros de ropolóceros colombianos: crisálides de *Agrias aedon* (Hew.), *Caligo eurilochus* (Cr.), *Thracides phidon* (Cr., *Adelpha lycurias wallisii* (Dwitz.), *Parides anchises nielseni* (Boll. & Salz.) & *Necyria incendiaria* (Th.). *Bol. Cient. Mus. Hist. Nat.* (Manizales), 5:115-124. [Colombia]
- Viloria, A. L., M. J. Adams, T. W. Pyrz, and F. Romero**
2001. Noticia histórica sobre satíridos venezolanos coleccionados por Karl Moritz (1797-1866) y discusión de la identidad taxonómica y la distribución de *Pedaliodes pisonia* (Hewitson, 1862) (Lepidoptera: Nymphalidae, Satyrinae). *SHILAP Revta. Lepid.* (Madrid), 29:31-42. [Venezuela]
- Vitale, F., and M. Bollino**
- 2001a. Descrizione di due nuove Sottospecie di *Napeogenes cranto* Felder & Felder, 1865 (Lepidoptera: Ithomiidae). *Lambill.* (Turvuren), 101:391-394. [Colombia, Ecuador]
- 2001b. Note sur genere *Hypomenitis* Fox, 1945, elementi di determinazione e descrizione di nuovi taxa (Lepidoptera: Ithomiidae). *Lambill.* (Turvuren), 101:551-557. [Colombia, Ecuador]
- 2001c. Due nuove *Hyposcada* Godman & Salvini, 1879 dell'Ecuador (Lepidoptera: Ithomiidae). *Lambill.* (Turvuren), 101:558-560. [Ecuador]
- Wijngaarden, P. J., and P. M. Brakefield**
2001. Lack of response to artificial selection on the slope of reaction norms for

- seasonal polyphenism in the butterfly *Bicyclus anynana*. *Hered.* (Oxford), 87:410-420. [Africa]
- Willmott, K. R., L. M. Constantino, and J. P. W. Hall**
2001. A review of *Colobura* (Lepidoptera: Nymphalidae) with comments on larval and adult ecology and description of a sibling species. *Ann. Ent. Soc. Amer.* (Lanham), 94:185-196. [Neotropical]
- Willmott, K. R., J. P. W. Hall, and G. Lamas**
2001. Systematics of *Hypanartia* (Lepidoptera: Nymphalidae: Nymphalinae), with a test for geographic speciation mechanisms in the Andes. *Syst. Ent.* (London), 26:369-399. [Neotropical]
- Zikan-C., M.**
2001. Patterns of pollen collection and flower visitation by *Heliconius* butterflies in southwestern Mexico. *J. Trop. Ecol.* (Cambridge), 17:763-768.
- OECOPHORIDAE**
- Adamski, D., and R. L. Brown**
2001. *Glyphidocera* Walsingham (Lepidoptera: Gelechioidea: Glyphidoceridae) of Cerro de la Neblina and adjacent areas in Amazonas, Venezuela. *Proc. Ent. Soc. Washington*, 103:968-998.
- Heath-Ogden, T., and L. E. Parra**
2001. Taxonomy and biology of a new Oecophoridae (Lepidoptera) from central Chile. *Revta. Chil. Hist. Nat.* (Santiago), 74:533-538.
- PAPILIONIDAE**
- Alturi, J. B., S. P. V. Ramana, and C. S. Reddi**
2001. Life history of *Pachliopta aristolochiae* (Lepidoptera: Rhopalocera: Papilionidae) from India. *J. Natl. Taiwan Mus.* (Taipei), 54:9-12.
- Bollino, M., and J. A. Salazar-E.**
2001. Una nuova sottospecie Colombiana del genere *Parides* (Lepidoptera: Papilionidae). *Lambill.* (Tervuren), 101:641-644. [Colombia]
- Braby, M. F., and J. Armstrong**
2001. A note on the larval food plants of *Graphium weiskei* (Ribbe) (Lepidoptera: Papilionidae) in Papua New Guinea. *Aust. Ent.* (Indooroopilly), 28:65-68.
- Chaturvedi, N., and V. Hegde**
2001. Migration of blue mormon butterfly *Papilio polymnestor* in Mumbai (Maharashtra). *J. Bombay Nat. Hist. Soc.*, 98:130. [India]
- Deslisle, G.**
2001a. Nouvelle forme locale chez *Troides magellanus* Felder de l'ile Cuyo, Philippines (Lepidoptera, Papilionidae). *Lambill.* (Tervuren), 101:93-97.
2001b. *Zeunera*: a new subgenus in the genus *Ornithoptera* Bdl 1832 for the species *alexandrinae* Roths. 1907 (Lepidoptera, Papilionidae). *Lambill.* (Tervuren), 101: 288-320. [Papua New Guinea]
- Freitas, A. V. L., and R. R. Ramos**
2001. Population biology of *Parides anchises nephalion* (Papilionidae) in a coastal site in southeast Brazil. *Revta. Bras. Biol.* (Rio de Janeiro), 61: 623-630.
- Hürter, W.**
2001. Ein Beitrag zur Biologie einiger Populationen des *Zerynthia (Allancastria)*-Artenkreises in der östlichen Mediterraneis (Lepidoptera: Papilionidae). *Ent. Zeit.* (Stuttgart), 111:8-17. [Greece, Turkey]
- Lamas, G.**
2001. Los Papilionidae y Nymphalidae (Morphinae, Satyrinae, Biblidinae y Heliconiinae) americanos descritos por J. Röber (Lepidoptera). *Revta. Peru. Ent.* (Lima), 42:27-40. [Neotropical]
- Nekrutenko, Y. P.**
2001. A catalogue of the type specimens of Papilionidae deposited in the collection of the Staatliches Museum für Tierkunde Dresden (Insecta: Lepidoptera: Rhopalocera). *Ent. Abh.* (Dresden), 59:405-453.
- Schäffler, O.**
2001. Papilionidae VI. *Ornithoptera*. In *Butterflies of the World*. Pt. 12. Keltern: Goecke & Evers. 19pp, 52 pl.
- Seta, K.**
2001. A study on hybridization of *Papilio protenor demetrius* Stoll and *P. p. liukiensis* Fruhstorfer (Lepidoptera, Papilionidae). *Trans. Lepid. Soc. Japan* (Tokyo), 52:288-292. [Ryukyu] [in Japanese]
- Smith, C. R., and R. I. Vane-Wright**
2001. A review of the afrotropical species of the genus *Graphium* (Lepidoptera: Rhopalocera: Papilionidae). *Bull. Nat. Hist. Mus. London* (Ent.), 70:503-719. [Africa]
- Tennent, W. J.**
2001a. The Vanuatu subspecies of *Papilio fuscus* Goeze (Lepidoptera: Papilionidae). *Austr. Ent.* (Indooroopilly), 28:33-40.
2001b. Predation by bird (white-breasted woodswallow, *Artamus leucorynchus*)

on butterfly (*Papilio* species) in Kuching, Sarawak (Borneo). *Ent. Rec. J. Var.* (Surrey), 113:152.

Tumuhibise, G., M. J. N. Okwakol, and T. N. Kangwagye

2001. Species diversity of swallowtail butterflies (Papilionidae: Lepidoptera) in North Maramagambo forest. *Afr. J. Ecol.* (London), 39:113-115. [Uganda]

Wu, C.-S., and J.-W. Bai

2001. A review of the genus *Byasa* Moore in China (Lepidoptera: Papilionidae). *Oriental Ins.* (Gainesville), 35:67-82.

Yoshino, K.

2001. Notes on *Chilasa agestor* and *Pazala hoenei*, stat. nov. (Lepidoptera, Papilionidae) from South China. *Trans. Lepid. Soc. Japan* (Tokyo), 52: 136-138.

PIERIDAE

Barros-Bellanda, H. C. H., and F. S. Zucoloto

2001. Influence of chorion ingestion on the performance of *Ascia monuste* and its association with cannibalism. *Ecol. Ent.* (London), 26:557-561. [Brazil]

Chaturvedi, N., and I. Kehimkar

- 2001a. Butterflies: their early stages. The pierids. *Hornbill* (Bombay), Jan-Mar 2001:[14-15]. [India]

- 2001b. Butterflies: their early stages. *Hornbill* (Bombay), Apr-Jun 2001:[14-15]. [India]

- 2001c. Butterflies: their early stages. *Hornbill* (Bombay), Jul-Sep 2001:[14-15]. [India]

Chou, I., and X.-Q. Yuan

2001. New species, new subspecies and new record of butterflies (Lepidoptera) from China (IV). *Entomotaxon.* (Yangling), 23:141-146. [in Chinese]

Chou, I., Y.-L. Zhang, and Y.-L. Wang

2001. New species new subspecies and new record of butterflies (Lepidoptera) from China, III. *Entomotaxon.* (Yangling), 23:38-46. [in Chinese]

Fitzgerald, T. D.

2001. Nightlife of social caterpillars. *Nat. Hist.* (New York), 110(1):38-43. [Mexico]

Hecq, J.

2001. Quatre entites spécifiques sous le vocable "Mylothris ruandana Strand"? (Lepidoptera, Pieridae). *Lambill.* (Tervuren), 101:74-76. [Congo]

Morinaka, S., K. Funahashi, I. K. Ginarsa, T. Miyata, and K. Yanaka

2001. *Delias* butterflies (Lepidoptera, Pieridae) cohabiting in the highlands of New Guinea Island. *Trans. Lepid. Soc. Japan* (Tokyo), 52:127-135.

Ooi, P. A. C.

2001. Larval development in three species of Malaysian *Catopsilia* (Lepidoptera: Pieridae). *Malay. Nat. J.* (Kuala Lumpur), 54:369-372. (2000)

Smetacek, P.

2001. Resolution of the controversial western limit of the range of *Delias acalis* Godart (Lepidoptera: Pieridae). *J. Bombay Nat. Hist. Soc.*, 98: 298-300. [India]

Srygley, R.B.

2001. Sexual differences in tailwind drift compensation in *Phoebis sennae* butterflies (Lepidoptera: Pieridae) migrating over seas. *Behav. Ecol.* (Cary), 12:607-611. [West Indies]

PRODOXIDAE

Pellmyr, O., M. Balcázar-L., and J. Leebens-M.

2001. Las interacciones de especies y la coevolución en la generación de la biodiversidad. In H. Hernandez, A. N. Garcia-A., F. Alvarez, and M. Ulloa (eds.), *En Foques Contemporáneos: Estudio de la Biodiversidad*, 39-56. Mexico City: Univ. Nac. Auton. Mex. [Mexico, USA]

PROTOTHEORIDAE

Davis, D. R.

2001. A new species of *Prototheora* from Malawi, with additional notes on the distribution and morphology of the genus (Lepidoptera: Prototheoridae). *Proc. Ent. Soc. Washington*, 103:452-456.

PSYCHIDAE

Sugimoto, M., and T. Saigusa

- 2001a. A new genus of the subfamily Oiketicinae from Asia (Lepidoptera, Psychidae). *Tinea* (Tokyo), 16:327-336. [Ryukyu]

- 2001b. The systematic position, morphology and bionomics of *Acanthopsyche (Eumetisa) taiwana* Sonan, 1935, newly recorded from the Ryukyu, Japan (Lepidoptera: Psychidae). *Ent. Sci.* (Tokyo), 4:407-430.

PTEROPHORIDAE

Arenberger, E.

- 2001a. Beitrag zur Pterophoridenfauna Kenyas (Lepidoptera). *Zeit. Arbeitsgem. Österr. Ent.* (Vienna), 53:31-36. [Kenya]
 2001b. Zur Verbreitung der Gattung *Agdistis* im südlichen Afrika – 4. Beitrag (Lepidoptera). *Zeit. Arbeitsgem. Österr. Ent.* (Vienna), 53:37-40. [Namibia, South Africa]

Kovtunovich, V. N.

2001. A new species of Pterophoridae (Lepidoptera) from Sri Lanka: *Hellinsia nuwara* sp. n. *Ent. Rec. J. Var.* (Surrey), 113:227-229.

PYRALIDAE**Arias-C., Q., and J. Clavijo**

2001. Clave pictórica de las especies de *Diaphania* Hübner, 1818 (Lepidoptera: Crambidae) de Venezuela. *Entomotrop.* (Maracay), 16:1-13.

Chandek, R. S., and N. P. Bhrot

2001. Occurrence and attack of *Hypsipyla robusta* Moore on seeds of *Toona ciliata* M. Roem: a report. *Indian For.* (Dehra Dun), 127:487-488. [India]

Chen, T.-M., S.-M. Song, and D.-C. Yuan

- 2001a. Five new species of *Glaucocaris* Meyrick from China (Lepidoptera: Pyralidae: Crambinae). *Oriental Ins.* (Gainesville), 35:171-176.
 2001b. The genus *Chrysoteuchia* Hübner (Lepidoptera: Pyralidae: Crambinae) from China with descriptions of five new species. *Oriental Ins.* (Gainesville), 35:177-192.

Fang, J.-C., Z.-W. Du, X.-N. Cheng, and H.-F. Guo

2001. Ecological mechanism for population homeostasis of the yellow stem borer *Scirpophaga incertulas*. *Acta Ent. Sinica* (Beijing), 44:337-344. [China] [in Chinese]

Hattori, M., S. Wakamura, K. Igita, K. Yasuda, and Tridjaka

2001. Comparison of the characteristics and sex pheromone of *Etiella behrii* (Zeller), a newly identified pod borer of soybean in Indonesia, with *E. zinckenella* (Treit.). *Japan Agr. Res. Qtr.* (Tsukuba), 35:19-24.

Malhi, B. S., and D. S. Brar

- [2001]. Biology of yellow stem borer, *Scirpophaga incertulas* (Walker) on basmati rice. *J. Ins. Sci.* (Ludhiana), 11:127-129. (1998) [India]

Nájar-R., A. J., E. Espitia-M., and J. M. Arrieta

2001. Biología y hábitos de *Ensina hyallipenisi* (Diptera: Tephritidae) y *Homoeosoma oconequeensis* (Lepidoptera: Pyralidae), insectos fitófagos de malezas en la Sabana de Bogotá. *Revta. Colom. Ent.* (Bogota), 27:159-167. [Colombia]

Ogiangbe, N. O., L. E. N. Jackai, F. K. Ewete, and L. Lajide

2001. The nutritional ecology of *Maruca vitrata* Fabricius: I. Development on flowers of wild and cultivated *Vigna* species. *Ins. Sci. Appl.* (Nairobi), 20:259-268. (2000) [Nigeria]

Sánchez-S., S.

2001. Ocurrencia de *Lamprosema indicata* (Fabricius) (Lepidoptera: Pyralidae) en el cultivo de frijol en Tabasco, Mexico. *Fol. Ent. Mex.* (Veracruz), 40:281-282.

Sasaki, A.

2001. Some crambid and pyralid moths unrecorded from Okinawa Is., Ryukyu. *Yugato* (Niigata), 163:35-38. [in Japanese]

Sharma, M. L., and S. C. Pathak

- [2001]. Natural biotic factors for the population regulation of sorghum stem borer, *Chilo partellus* (Swinhoe). *J. Ins. Sci.* (Ludhiana), 12:68-69. (1999) [India]

Tominaga, S.

- 2001a. Mature larva of *Locasta muscosalis* (Pyralidae) dropped from the branch to the ground before pupation. *Yugato* (Niigata), 163:6. [Okinawa] [in Japanese]

- 2001b. Larva of *Glaucone deductalis* (Walker) (Crambidae, Pyraustinae) feeding on *Marsdenia* (Asclepiadaceae). *Japan Heteroc. J.* (Tokyo), 214:269.

- 2001c. Notes on three species of the Pyraloidea from Okinawa Island. *Yugato* (Niigata), 166:123-125. [in Japanese]

Vargas, H. A., D. E. Bobadilla, R. Medozal, and H. E. Vargas

- [2001]. *Diaphania hyalinata* (Linnaeus) (Lepidoptera: Pyralidae): a new record from Africa. *Idesia* (Arica), 17:135-139. (1999) [Chile] [in Spanish]

Wang, H.-Y.

- [2001]. A tentative catalogue of the Pyraloidea (Lepidoptera) of Taiwan. *J. Natl. Taiwan Mus.* (Taipei), 52:91-102. (1999)

Yamanaka, H.

2001. Two new species of the genus *Cotachena* Moore (Lepidoptera, Crambidae, Pyraustinae) from Japan and Taiwan. *Tinea* (Tokyo), 16: 297-300.

RHOPALOCERA**d'Abreia, B.**

2001. *The Concise Atlas of Butterflies of the World*. Melbourne: Hill House. 353pp. (150 pl).

Andheria, A. P.

2001. Diversity of butterflies near a pool in the Sanjay Gandhi National Park, Mumbai. *J. Bombay Nat. Hist. Soc.*, 98:302-303. [India]

Arias-B., J. J., and B. C. Huertas-H.

2001. Mariposas diurnas de la Serranía de los Churumbelos, Cauca. Distribución altitudinal y diversidad de especies (Lepidoptera: Rhopalocera: Papilionoidea). *Revta. Colom. Ent.* (Bogota), 27:169-176. [Colombia]

Atluri, J. B., S. P. Venkata Ramana, and C. Subba Reddi

- [2001]. New host plants for two tropical butterflies at Visakhapatnam, Andhra Pradesh. *J. Bombay Nat. Hist. Soc.*, 97:452. (2000) [India]

Bizuet-F., Y., A. Luis-M., and J. Llorente-B.

2001. Mariposas del Parque Nacional El Chico, Hidalgo y sus relaciones biogeográficas con cinco zonas aledañas al Valle de México, México (Lepidoptera: Papilionoidea). *SHILAP Revta. Lepid.* (Madrid), 29:145-159.

Brown, K. S., Jr., and A. V. L. Freitas

2001. Atlantic forest butterflies: indicators for landscape conservation. *Biotrop.* (Lawrence), 32:934-956. [Brazil]

Burger, J., and M. Gochfeld

2001. Smooth-billed ani (*Crotophaga ani*) predation on butterflies in Mato Grosso, Brazil: risk decreases with increased crop size. *Behav. Ecol. Sociobiol.* (Berlin), 49:482-492.

Chou, I., X.-Q. Yuan, and C.-S. Zhang

2001. New species, new subspecies and new records of butterflies (Lepidoptera: Satyridae) from China (V). *Entomotaxon.* (Yangling), 23:201-216. [in Chinese]

Cordero, C.

2001. A different look at the false head of butterflies. *Ecol. Ent.* (London), 26:106-108. [Mexico]

DeVries, P. J., and T. R. Walla

2001. Species diversity and community structure in Neotropical fruit-feeding butterflies. *Biol. J. Linn. Soc.* (London), 74:1-15.

Eeley, H. A. C., M. J. Lawes, and B. Reyers

2001. Priority areas for the conservation of subtropical indigenous forest in southern Africa: a case study from KwaZulu-Natal. *Biodivers. Conserv.* (Amsterdam), 10:1221-1246. [Rhopalocera] [South Africa]

Ehrlich, P. R.

2001. Tropical butterflies: a key model group that can be "completed." *Lepid. News* (Gainesville), 2001(2):1, 10-12.

Fermon, H., C. H. Sculze, M. Walther, and M. Muehlenberg

2001. The butterfly fauna of the Noyau Central, Lama Forest (Republic of Benin), with notes on its ecological composition and geographic distribution. *Afr. Ent.* (Pretoria), 9:177-185.

Fernández, D. M.

2001. New oviposition and larval hostplant records for twenty-three Cuban butterflies, with observations on the biology and distribution of some species. *Carib. J. Sci.* (Mayagüez), 37:122-125. [Cuba]

Fratello, S.

2001. Guyana montane expeditions, II. *Lepid. News* (Gainesville), 2001(2):8-9.

Honey, M., and M. J. Scoble

2001. Linnaeus's butterflies (Lepidoptera: Papilionoidea and Hesperioidae). *Zool. J. Linn. Soc.* (London), 132:277-399.

Jafer Palot, M.

- [2001]. An aggregation of butterflies at Hyderabad, Andhra Pradesh. *J. Bombay Nat. Hist. Soc.* 97:450-452. (2000) [India]

Kassarov, L.

2001. Do cyanogenic glycosides and pyrrolizidine alkaloids provide some butterflies with a chemical defense against their bird predators? A different point of view. *Behav.* (Leiden), 138:45-67. [Nymphalidae, Zygaenidae]

Kemp, D. J.

- 2001a. Contest behavior in territorial male butterflies: does size matter? *Behav. Ecol.* (Cary), 11:591-596. [Australia]

- 2001b. Fighting without weaponry: a review of male-male contest competition in butterflies. *Behav. Ecol. Sociobiol.* (Berlin), 49:429-442. [Australia]

Krizek, G. O.

2001. Selective predation on iridescent blue butterflies by birds. *News Lepid. Soc.* (Los Angeles), 43:5-6. [Mexico]

Kühne, L.

2001. Contribution to the Lepidoptera-Fauna of Ghana – Part II: the butterfly collection of the Department of Zoology in Legon, University of Ghana (Lepidoptera, Papilionoidea). *Esperiana* (Staffelstein), 8:637-648.

- Lamas, G.**
2001. Additions and corrections to the *Bibliography of Butterflies*, in the *Atlas of Neotropical Lepidoptera*. IV. Comprising mostly works published in 1999. *Lepid. News* (Gainesville), 2000(3):21-35. (2000)
- Lewis, O. T.**
2001. Effect of experimental selective logging on tropical butterflies. *Conserv. Biol.* (Cambridge), 15:389-400. [Belize]
- Maes, J.-M., and R. Brabant**
- [2001]. Mariposas de Nicaragua. *Revta. Nicarg. Ent.* (Leon), 51-54:3-6; cd. Mallet, J.
2001. Mimicry: an interface between psychology and evolution. *Proc. Natl. Acad. Sci.* (Washington), 98:8928-8930.
- Monteagudo-S., D., A. Luis-M., I. Vargas-F., and J. Llorente-B.**
2001. Patrones altitudinales de diversidad de mariposas en la Sierra Madre del Sur (México) (Lepidoptera: Papilionoidea). *SHILAP Revta. Lepid.* (Madrid), 29:207-237.
- Nielsen, G., J. A. Salazar-E., and J. I. Vargas**
2001. Reconocimiento de Rhopalocera en algunas taxocenosis de lepidópteros chocoanos y amazonicos. *Bol. Cient. Mus. Hist. Nat.* (Manizales), 5:93-110. [Colombia]
- Rogo, L., and A. Odulaja**
2001. Butterfly populations in two forest fragments at the Kenya coast. *Afr. J. Ecol.* (London), 39:266-275.
- Salazar-E., J. A.**
2001. Nuevas observaciones sobre la concentración de Lepidópteros Rhopaloceros en las cumbres de algunos cerros de Caldas y Antioquia, Colombia (Insecta: Lepidoptera). *Bol. Cient. Mus. Hist. Nat.* (Manizales), 5:66-91.
- Sreekumar, P. G., and M. Balakrishnan**
- 2001a. Diversity and habitat preference of butterflies in Neyyar Wildlife Sanctuary, south India. *Entomon* (Trivandrum), 26:11-22.
- 2001b. Habitat and altitude preferences of butterflies in Aralam Wildlife Sanctuary, Kerala. *Trop. Ecol.* (Varanasi), 42:277-281. [India]
- Srygley, R. B.**
2001. Compensation for fluctuations in crosswind drift without stationary landmarks in butterflies migrating over seas. *Anim. Behav.* (London), 61:191-203. [Caribbean]
- Tennent, W. J.**
2001. Twenty new butterflies from the Solomon Islands (Lepidoptera: Hesperiidae; Lycaenidae; Nymphalinae; Satyrinae; Danainae). *Br. J. Ent. Nat. Hist.* (London), 14:1-27.
- Tobar-L., D., J. O. Rangel-C., and M. G. Andrade-C.**
2001. Las cargas polínicas en las mariposas (Lepidoptera: Rophalocera [sic] de la parte alta de la Cuenca del Río Roble-Quindío-Colombia. *Caldasia* (Bogota), 23:549-557.
- Torres, R., D. C. Lees, R. I. Vane-Wright, C. Kremen, J. A. Leonard, and R. K. Wayne**
2001. Examining monophyly in a large radiation of Madagascan butterflies (Lepidoptera: Satyrinae: Mycalesina) based on mitochondrial DNA data. *Molec. Phylogen. Evol.* (San Diego), 20:460-473. [Madagascar]
- Verovnik, R., and G. Glavan**
2001. Notes on butterflies collected in the Philippines from January to March 1994 (Lepidoptera: Rhopalocera). *Opusc. Zool. Flumin.* (Flumserberg), 195:1-12.
- RIODINIDAE**
- Callaghan, C. J.**
- 2001a. The genus *Hypophylla* Boisduval, 1836 (Riodinidae) with descriptions of new taxa. *J. Lepid. Soc.* (Los Angeles), 54:119-130. [Neotropical]
- 2001b. New riodinids from the central Brazilian plateau (Lepidoptera, Riodinidae). *Revta. Bras. Zool.* (Curitiba), 18:765-778. [Brazil]
- Furtado, E.**
2001. *Pirascca crocostigma* (Bates, 1868): notas etológicas edescription da fêmea (Lepidoptera, Riodinidae). *Lambill.* (Tervuren), 101:638-640. [Brazil]
- Hall, J. P. W.**
2001. A revision of the new riodinid butterfly genus *Dachetola* (Lepidoptera: Riodinidae). *J. New York Ent. Soc.*, 109:183-195. [S. Amer.]
- Hall, J. P. W., and D. J. Harvey**
- 2001a. A reassessment of *Calociasma* with the description of a new genus and a new species (Lepidoptera: Riodinidae: Nymphidiini). *J. New York Ent. Soc.*, 109:196-205. [S. Amer.]
- 2001b. Phylogenetic revision of the *Charis gynaea* group (Lepidoptera: Riodinidae) with comments on historical relationships among Neotropical areas of endemism. *Ann. Ent. Soc. Amer.* (Lanham), 94:631-647.
- 2001c. A phylogenetic analysis of the Neotropical riodinid butterfly genera *Juditha*, *Lemonias*, *Thisbe* and *Uraneis*, with a revision of *Juditha* (Lepidoptera: Riodinidae: Nymphidiini). *Syst. Ent.* (London), 26:453-490.
- Nekrutenko, Y. P.**
2001. A catalogue of the type specimens of Riodinidae deposited in the collection of the Staatliches Museum für Tierkunde Dresden (Insecta: Lepidoptera: Rhopalocera). *Ent. Abh.* (Dresden), 59:319-323.
- Penz, C. M., and P. J. DeVries**
2001. A phylogenetic reassessment of *Thisbe* and *Uraneis* butterflies (Riodinidae, Nymphidiini). *Contr. Sci. Nat. Hist. Mus. Los Angeles Co.*, 485:1-27. [Neotropical]
- Hall, J. P. W., and G. Lamas**
2001. Five new riodinid species from northwestern dry forest and northeastern Andean cloud forest habitats in Peru (Lepidoptera: Riodinidae). *Revta. Peru. Ent.* (Lima), 42:9-19.
- Lamas, G.**
2001. Los Riodinidae, Lycaenidae y Hesperiidae americanos descritos por J. Röber (Lepidoptera). *Revta. Peru. Ent.* (Lima), 42:41-48. [Neotropical]
- Salazar-E., J. A., and L. M. Constantino**
- [2001]. Contribución al conocimiento de las especies del género *Symmachia* Hübner, [1819] en Colombia (Lepidoptera: Lycaenidae, Riodininae). *SHILAP Revta. Lepid.* (Madrid), 28:375-383. (2000)
- SATURNIIDAE**
- Becker, V. O., and A. J. A. de Camargo**
2001. Three new species of Saturniidae (Lepidoptera) from central Brazil. *Revta. Bras. Zool.* (Curitiba), 18:163-170.
- Becker, V. O., and I. A. Chacon**
2001. A new *Xanthodirphia* Michener (Lepidoptera, Saturniidae, Hemileucinae) from Costa Rica. *Revta. Bras. Zool.* (Curitiba), 18:149-152.
- Brechlin, R.**
- 2001a. *Lemaireia naessigi* n.sp., eine neue Saturniide aus Südostasien (Lepidoptera: Saturniidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 21:207-212. (2000) [Myanmar]
- 2001b. Beschreibung des bisher unbekannten Weibchens von *Antheraea (Antheraeopsis) sahi* Nässig & Treadaway, 1998 stat. nov. (Lepidoptera: Saturniidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:37-40. [Philippines]
- 2001c. Eine neue Art der Gattung *Cricula* Walker, 1855 von Palawan, Philippinen (Lepidoptera, Saturniidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:41-44. [Philippines]
- 2001d. *Rhodinia broschi* n. sp., eine neue Saturniide aus China (Lepidoptera: Saturniidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:45-48.
- 2001e. Einige Anmerkungen zur Gattung *Saturnia* Schrank, 1802 mit Beschreibung von zwei neuen Arten (Lepidoptera: Saturniidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:89-100. [China]
- 2001f. *Rhodinia rudloffi* n. sp., eine neue Saturniide aus dem nördlichen Vietnam (Lepidoptera: Saturniidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:124-128. [Vietnam]
- Brechlin, R., and I. J. Kitching**
2001. Neue Informationen zu einigen Arten der Gattung *Antheraea* Hübner 1819 ["1816"] von den Andamanen, Indien (Lepidoptera: Saturniidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:119-123. [India]
- Brechlin, R., and W. A. Nässig**
2001. Ein neuer Inselnachweis von *Attacus lorquinii* C. & R. Felder, 1861 aus dem Norden der Philippinen (Lepidoptera: Saturniidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:183-186. [Philippines]
- Chaturvedi, N.**
2001. On the distribution of saturnid [sic] moths *Sonthornaxia maenas* (Doubleday) and *Loepa katinka* (Westwood). *J. Bombay Nat. Hist. Soc.*, 98:132. [India]
- Fornés, L., and J. V. Hernández**
- [2001]. Algunos aspectos de la biología de *Hylesia metabus* (Cramer, 1775) (Lepidoptera: Saturniidae). *Bol. Ent. Venez.* (Maracay), 15:127-145. (2000) [Venezuela]
- Fukuda, H.**
2001. A new record of *Archaeoattacus edwardsii* (White, 1859) (Lepidoptera, Saturniidae, Saturniinae) from Borneo (Sarawak). *Trans. Lepid. Soc. Japan* (Tokyo), 52:88-90.
- Furtado, E.**
2001. *Arsenura orbigniana* (Guérin-Méneville, [1844]) e seus estágios imaturos (Lepidoptera: Saturniidae, Arsenurinae). *SHILAP Revta. Lepid.* (Madrid), 29:385-389. [Brazil]
- Lemaire, C., and C. G. C. Mielke**
2001. A new *Kentroleuca* Draudt, 1929 from the Cerrado region of Brazil (Lepidoptera: Saturniidae, Hemileucinae). *Nachr. Ent. Ver. Apollo*

- (Frankfurt), (n.s.) 22:85-87.
- Lemaire, C., K. L. Wolfe, and J. Monzón-S.**
2001. A new *Hylesia* from Guatemala (Lepidoptera: Saturniidae, Hemileucinae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:171-173.
- Lorina, L. M., and E. Corseuil**
2001. Aspectos morfológicos de *Lenomia obliqua* Walker (Lepidoptera: Saturniidae). *Neotrop. Ent.* (Londrina), 30:373-378. [Brazil] [in Portuguese]
- Nässig, W. A., and G. Ragus**
2001. Annotations on selected *Loepa* species and their preimaginal instars. 1. The larval morphology of *Loepa miranda* Atkinson in Moore, 1865 (Lepidoptera: Saturniidae, Saturniinae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 21:247-251. (2000) [Thailand]
- Naumann, S.**
2001. Notes on some *Antheraea* of Sundaland, with descriptions of a new species (Lepidoptera: Saturniidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:67-74. [Borneo]
- Naumann, S., and R. Brechlin**
2001. Zwei neue Arten der Gattung *Syntherata* Maassen, 1873 von den Molukken, Indonesien (Lepidoptera: Saturniidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 21:237-246. (2000) [Indonesia]
- Naumann, S., and Y. Kishida**
2001. A new species of the genus *Loepa* Moore, 1859 (Lepidoptera, Saturniidae) from southern China. *Tinea* (Tokyo), 16:337-341.
- Paukstadt, L. H., and U. Paukstadt**
2001a. Beschreibung der Präimaginalstadien von *Antheraea (Antheraeopsis) youngi* Watson, 1915 von Jawa, Indonesien (Lepidoptera: Saturniidae). *Galathea* (Nuremberg), 17 (Suppl. 10):17-33. [Indonesia]
2001b. Liste der bei der Gattung *Antheraea* Hübner, 1819 ("1816") bekannten Präimaginalstadien, sowie Literaturnachweise (Lepidoptera: Saturniidae). *Galathea* (Nuremberg), 17 (Suppl. 10):34-46.
- Paukstadt, U., and L. H. Paukstadt**
2001a. Beobachtungen zu Aktivitätsphasen indonesischer Saturniiden (Lepidoptera: Saturniidae). *Galathea* (Nuremberg), 17 (Suppl. 10):3-16. [Indonesia]
2001b. Die saturniiden des Mt. Halimum National Parks, West Java, Indonesien (Lepidoptera: Saturniidae). *Galathea* (Nuremberg), 17 (Suppl. 10):50-52. [Indonesia]
2001c. Beitrag zum taxonomischen Status einiger Taxa der Gattung *Cricula* Walker, 1855 (Lepidoptera: Saturniidae). *Galathea* (Nuremberg), 17 (Suppl. 10):53-55. [SE Asia]
2001d. Beobachtungen zu Generationsfolgen bei den Saturniidae Indonesiens (Lepidoptera). *Galathea* (Nuremberg), 17 (Suppl. 10):56-57. [Indonesia]
2001e. Die Saturniiden der Kleinen Sundainseln, Indonesien, sowie deren Verbreitung (Lepidoptera: Saturniidae). *Galathea* (Nuremberg), 17 (Suppl. 10):61-63. [Indonesia]
2001f. Beitrag zur Variabilität von *Antheraea (Antheraea) tengaaensis* Brechlin, 2000 von der Insel Sumba, Indonesien (Lepidoptera: Saturniidae). *Galathea* (Nuremberg), 17 (Suppl. 10):64-65. [Indonesia]
2001g. Beitrag zur Kenntnis der Verbreitung des Genus *Coscinocera* Butler, 1879 in Indonesien (Lepidoptera: Saturniidae). *Galathea* (Nuremberg), 17 (Suppl. 10):66-67. [Indonesia]
2001h. Beschreibung des unbekannten Weibchens von *Antheraea (Antheraeopsis) youngi* Watson, 1915 aus jawanischen Populationen (Lepidoptera: Saturniidae). *Galathea* (Nuremberg), 17 (Suppl. 10):68-71. [Indonesia]
2001i. Beitrag zur Kenntnis der Variabilität von *Actias groenendaeli* Röpke, 1954 von den Kleinen Sundainseln, Indonesien (Lepidoptera: Saturniidae). *Galathea* (Nuremberg), 17:143-150. [Indonesia]
- Naumann, S., and R. S. Peigler**
2001. Four new species of the silkmoth genus *Samia* (Lepidoptera: Saturniidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:75-83. [Indonesia]
- Rosales, C. J.**
2001. Observaciones sobre natación en larvas de *Periphoba hircia* (Cramer) y *Pseudodirphia albosignata* (Bouvier) (Lepidoptera: Saturniidae). *Entomotrop.* (Maracay), 16:63-65. [Venezuela]
- Vitelli, M. P., C. Garcia, C. J. Lockett, G. M. West, and B. W. Wilson**
2001. Host specificity and biology of the moth *Psigada walkeri* (Lepidoptera: Citheroniidae), a potential biological control agent for *Mimosa diplosticha* in Australia and the South Pacific. *Biol. Contr.* (Orlando), 22:1-8. [Brazil]
- Wang, H.-Y., and J. B. Heppner**
2001. Larval morphology of Taiwan Saturniidae (Lepidoptera): *Caligula thibeta okurai* Okano. *J. Natl. Taiwan Mus.* (Taipei), 54:9-17.
- SEMATURIDAE**
- Salazar-E., J. A.**
2001. Contribución al conocimiento de las especies pertenecientes a los géneros *Homidiana* Strand y *Sematura* Dalman (Lepidoptera: Sematuridae) de Colombia. *Bol. Cient. Mus. Hist. Nat.* (Manizales), 5:125-126.
- SESIIDAE**
- Arita, Y., and O. G. Gorbunov**
2001. Sesiidae of Taiwan. I. The tribes *Tinthiini*, *Similipepsini*, *Paraglosseciini*, *Pennisetiini*, *Paranthrenini* and *Cissuvorini*. *Japan. J. Syst. Ent.* (Tokyo), 7:131-188.
- Kallies, A.**
2001. New records and a revised checklist of the Australian clearwing moths (Lepidoptera: Sesiidae). *Aust. J. Ent.* (Carlton), 40:342-348. [Australia]
- Kallies, A., and Y. Arita**
2001. The *Tinthiinae* of North Vietnam (Lepidoptera, Sesiidae). *Trans. Lepid. Soc. Japan* (Tokyo), 52:187-235.
- Kallies, A., and W. Garrevoet**
2001. A new clearwing moth of the genus *Macroscelisia* Hampson, 1919 from Java, Indonesia (Lepidoptera: Sesiidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:14-16.
- Führinger, F.**
[2001]. Bibliographia Sesiidarum orbis terrarum (Lepidoptera, Sesiidae). *Mitt. Ent. Arbeitsgem. Salzkammergut* (Bad Ischl), 3:73-146. (2000)
- Špatenka, K., and A. Kallies**
2001. Zur Taxonomie, Bionomie und Verbreitung zentral-asiatischer Sesiidae und Brachodidae (Lepidoptera, Sesioidea). *Ent. Zeit.* (Stuttgart), 111:198-205.
- Vickers, R. A., and E. R. Rumbo**
2001. Sex pheromone components of the clearwing borer, *Carmenta chrysophanes* (Meyrick) (Lepidoptera: Sesiidae): provisional identification and field tests. *Aust. J. Ent.* (Carlton), 40:69-73. [Australia]
- SPHINGIDAE**
- Alvarez-C., J. R.**
2001. Descripción de un nuevo Sphingidae de Venezuela: *Xylophanes alvarezsierrai* n. sp. (Lepidoptera). *Nouv. Re. Ent.* (Paris), (n.s.) 18:313-315.
- Alves, L. F. A., D. L. Q. Santana, and R. M. C. Brancalhão**
2001. Ocorrência de *Perigonia lusca* (Fabr.) (Lep.: Sphingidae) em Erva-Mate (*Ilex paraguariensis*) no Brasil. *Neotrop. Ent.* (Londrina), 30:339-340. [Brazil]
- Balcázar-L., M. A., and C. R. Beutelspacher**
2001. A new species of *Adhemarius* Oiticica (Lepidoptera: Sphingidae) from Mexico. *Proc. Ent. Soc. Washington*, 103:312-318.
- Becker, V. O.**
2001. A new *Nyceryx* Boisduval (Lepidoptera, Sphingidae) from central Brazil. *Revta. Bras. Zool.* (Curitiba), 18:159-161.
- Brechlin, R.**
2001. *Rhodambulyx hainanensis*, eine neue Schwärmerart aus China (Lepidoptera: Sphingidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:145-147. [China (Hainan)]
- Brechlin, R., I. J. Kitching, and J.-M. Cadiou**
2001. Description of a new species of the genus *Polyptychus* Hübner, [1819] "1816" from the Lesser Sunda Islands, Indonesia, with notes on several species of the subtribe Choerocampina (Lepidoptera: Sphingidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:31-35.
- Cadiou, J.-M., and H. Schnitzler**
2001. A new *Macroglossum* from the Lesser Sunda Islands (Lepidoptera, Sphingidae). *Lambill.* (Turvuren), 101:115-117. [Indonesia]
- Eitschberger, U.**
2001a. Die Gattung *Callionima* Lucas, 1857 (Lepidoptera, Sphingidae). *Neue Ent. Nachr.* (Marktleuthen), 51:153-224. [Neotropical]
2001b. Neubeschreibungen von Arten in der Gattung *Psilogramma* Rothschild & Jordan, 1903 (Lepidoptera, Sphingidae). *Neue Ent. Nachr.* (Marktleuthen), Suppl. 1:1-63. [SE Asia]
2001c. Revision der Gattung *Psilogramma* Rothschild & Jordan, 1903 mit der Beschreibung weiterer neuer Arten (Lepidoptera, Sphingidae). *Neue Ent. Nachr.* (Marktleuthen), 52:1-174. [SE Asia]
2001d. Eine neue *Isoparce*-Art aus Mexico (Lepidoptera, Sphingidae). *Atalanta* (Munich), 32:411-418, pl. 18.
2001e. Die *Xylophanes ockendeni*-Gruppe mit der Beschreibung einer neuen Art (Lepidoptera, Sphingidae). *Atalanta* (Munich), 32:419-433, pl. 20. [Neotropical]
2001f. Die *Xylophanes rothschildi*-Gruppe mit der Beschreibung einer neuen Art (Lepidoptera, Sphingidae). *Atalanta* (Munich), 32:435-452, pl. 21.

- [Neotropical]
Furtado, E., and J. Haxaire
 2001. *Manduca manduroides* (Rothschild 1894) and its immature stages (Lepidoptera, Sphingidae, Sphinginae). *Lambill.* (Turvuren), 101:98-102. [Brazil]
- Haxaire, J.**
 2001a. Un nouveau Sphingidae de Malaisie peninsulaire et de Sumatra: *Clanis orhanti* (Lepidoptera Sphingidae). *Lambill.* (Turvuren), 101:125-128. [Malaysia]
 20001b. Description d'une nouvelle espèce de Sphingidae du genre *Protaleuron* Rothschild & Jordan 1903 (Lepidoptera Sphingidae). *Lambill.* (Tervuren), 101:139-143. [Bolivia]
 2001c. Un nouveau Sphingidae du nord-est de Madagascar: *Hippotion melichari* (Lepidoptera Sphingidae). *Lambill.* (Turvuren), 101:600-604.
- Haxaire, J., and P. Schmit**
 2001. Un nouveau Sphingidae de République Dominicaine: *Cauthetia carsusi* (Lepidoptera Sphingidae). *Lambill.* (Turvuren), 101:605-600. [Dominican Rep.]
- Kishida, Y., and T. Yano**
 2001. A new subspecies of *Amperophaga rubiginosa* (Lepidoptera, Sphingidae) from Yakushima I. *Trans. Lepid. Soc. Japan* (Tokyo), 52:277-278. [Ryukyu] [in Japanese]
- Kitching, I. J., J. Ledezma, and J. Baixeras**
 2001. An annotated checklist of the Sphingidae of Bolivia (Insecta: Lepidoptera). *Gayana* (Concepción), 65:79-111.
- Kühne, L.**
 2001. Contribution to the Lepidoptera-Fauna of Ghana – Part III: the Sphingidae (Lepidoptera) of the expeditions 1992-1997. *Esperiana* (Staffelstein), 8:649-653.
- Lachlan, R. B., and I. J. Kitching**
 2001a. A new species of hawk moth (Lepidoptera: Sphingidae) from Papua New Guinea. *Aust. Ent.* (Indooroopilly), 28:117-122.
 2001b. A new species of *Gnathothlibus* Wallengren (Lepidoptera: Sphingidae) from Vanuatu. *Aust. Ent.* (Indooroopilly), 28:123-128.
- Pierre, J.**
 2001a. Un nouveau *Polyptychus* du Nigeria (Lepidoptera, Sphingidae). *Bull. Soc. Ent. Fr.* (Paris), 106:215.
 2001b. Les sphinx du Gabon (Lepidoptera, Sphingidae). *Bull. Soc. Ent. Fr.* (Paris), 106:261-271.
- Touroult, J., and P. le Gall**
 2001. Les Sphingidae du Sud-Bénin. Étude de la faune des îlots forestiers et des milieux adjacents. *Lambill.* (Turvuren), 101:275-284. [Benin]
- Zwick, A., and C. G. Treadaway**
 2001. Notes on the hawkmoths of the Philippines (Lepidoptera: Sphingidae). *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22:177-181.
- THYATIRIDAE**
Laszlo, G. M., and G. Ronkay
 2001. New *Epipsestis* Matsumura, 1921 (Lepidoptera, Thyatiridae) from Vietnam and from Nepal. *Acta Zool. Acad. Sci. Hung.* (Budapest), 46:337-349. (2000)
- THYRIDIDAE**
Inoue, H.
 2001. Supplementary report of the genus *Herdonia* Walker including descriptions of seventeen new species and one new subspecies and notes on the genus *Picrostomastis* Meyrick (Thyrididae). *Tinea* (Tokyo), 16:301-326. [SE Asia]
- TINEIDAE**
Tominaga, S.
 2001. Occurrence of *Dasyces rugosella* (Stainton) (Tineidae, Hapsiferinae) in Okinawa: new record to Japanese fauna. *Japan Heteroc. J.* (Tokyo), 213:245-246. [in Japanese]
- TORTRICIDAE**
Adamski, D., and J. W. Brown
 2001. Systematic revision of the *Ecdytolopha* group of genera (Lepidoptera: Tortricidae: Grapholitini) in the New World. *Ent. Scand.* (Copenhagen), Suppl. 58:1-86.
- Blanco-Metzler, H., A. D. Watt, and D. Cossens**
 2001. Within-tree distribution of *Ecdytolopha tortricornis* (Lepidoptera: Tortricidae) oviposition on macadamia nuts. *Revta. Biol. Trop.* (San Jose), 49:693-696. [Costa Rica]
- Botton, M., O. Nakano, and A. Kovaleski**
- [2001]. Thermal requirements of *Bonagota cranaodes* (Meyrick) (Lepidoptera: Tortricidae) and estimation of the number of generations in apple growing regions in the south of Brazil. *An. Soc. Ent. Bras.* (Itabuna), 29:633-637. (2000). [in Portuguese]
- Brown, J. W., and T. Y. McPherson**
 2001. Review of *Rebinea* Razowski and *Eliachna* Razowski (Tortricidae: Eulini) — sister groups endemic to Chile and Argentina. *J. Lepid. Soc.* (Los Angeles), 55:129-139.
- Burnip, G. M., and D. M. Suckling**
 2001. Leafroller larval and adult phenology at two Canterbury, New Zealand, organic apple orchards. *New Zealand J. Crop Hort. Sci.* (Wellington), 29:15-22. [Tortricidae]
- Imamura, N., T. Ishikawa, K. Takeda, H. Fukami, A. Konno, and R. Nishida**
 2001. The relationship between a leaf-rolling moth (*Dactylioglypha tonica*) and fungi covering the cocoon. *Biosci. Biotech. Biochem.* (Tokyo), 65: 1965-1969. [Japan]
- Jiménez-P., A., and Q. Wang**
 2001. Growth and reproduction of '*Cnephasia jactatana*' Walker (Lepidoptera: Tortricidae) under two rearing systems. *New Zealand Ent.* (Auckland), 24:75-77. [New Zealand]
- Jones, V. P., and M. Aihara-Sasaki**
 2001. Demographic analysis of delayed mating in mating disruption: a case study with *Cryptophlebia illepida* (Lepidoptera: Tortricidae). *J. Econ. Ent.* (Lanham), 94:785-792. [Hawaii]
- Landry, B., and J. A. Powell**
 2001. Systematics and phylogeny of *Sparganothina* and related taxa (Lepidoptera: Tortricidae: Sparganothini). *Univ. Calif. Publ. Ent.* (Berkeley), 121:1-82+[34].
- Manfredi-C., S., M. S. Garcia, and M. Botton**
 2001. Thermal requirements and estimate of the number of generations of *Argyrotaenia sphaleropa* (Meyrick) (Lepidoptera: Tortricidae). *Neotrop. Ent.* (Londrina), 30:553-557. [Brazil] [in Portuguese]
- Nasu, Y.**
 2001. The occurrence of *Herphystis tinctoria* Meyrick (Lepidoptera, Tortricidae) from Japan. *Japan Heteroc. J.* (Tokyo), 116:297-298. [Ryukyu] [in Japanese]
- Razowski, J.**
 2001a. Description of *Chamelania* Razowski, gen.n., one new species of *Proathorybia* Razowski, 1999, and a proposal for three replacement names for Neotropical Euliini (Lepidoptera: Tortricidae). *SHILAP Revta. Lepid.* (Madrid), 29:275-279.
 2001b. *Tuckia*, a new Afrotropical Archipini genus, with description of one new species (Lepidoptera: Tortricidae). *Polsk. Pismo Ent.* (Gdynia), 70:87-90. [South Africa]
- Razowski, J., and V. O. Becker**
 [2001]. Description of six Brasilian genera of Euliini and their species (Lepidoptera: Tortricidae). *SHILAP Revta. Lepid.* (Madrid), 28:385-393. (2000) [Brazil]
 2001a. Description of *Eristparcula* Razowski & Becker, gen. n. and its two species from Ecuador (Lepidoptera: Tortricidae, Euliini). *SHILAP Revta. Lepid.* (Madrid), 29:379-383.
 2001b. Revision of the Neotropical Euliini genus *Terinebrica* Razowski, 1987 (Lepidoptera: Tortricidae). *Acta Zool. Cracov.* (Krakow), 44:235-251.
 2001c. Two new species of *Icteralaria* Razowski (Lepidoptera: Tortricidae). *Polsk. Pismo Ent.* (Gdynia), 70:95-99. [Costa Rica]
 2001d. Description of three new genera of Euliini close to *Netechma* Razowski and a new species of *Clarkenia* Razowski (Lepidoptera: Tortricidae). *Polsk. Pismo Ent.* (Gdynia), 70:101-108. [Brazil, Ecuador]
 2001e. Two new species of *Transtillaspis* Razowski, 1987 from Brazil, with systematic and distributional notes on the genus. *Polsk. Pismo Ent.* (Gdynia), 70:109-113.
 2001f. *Gravitcornutia*, a new genus of Neotropical Euliini moths (Lepidoptera, Tortricidae, Tortricinae). *Revta. Bras. Ent.* (Sao Paulo), 45:257-265. [Brazil]
- Razowski, J., and V. Pelz**
 2001. Tortricidae (Lepidoptera) collected in Ecuador in the years 1996-1999: Tortricini and Cochylini. *Nachr. Ent. Ver. Apollo* (Frankfurt), (n.s.) 22: 17-28.
- Wearing, C. H., and G. F. McLaren**
 2001. Evidence that sweet cherry, *Prunus avium* L. is not a host of codling moth, *Cydia pomonella* (Lepidoptera: Tortricidae). *Crop Prot.* (Oxford), 20:571-579. [New Zealand]
- URANIIDAE**
Hernández-B., F., and L. N. Quiroz-R.

2001. La familia Uraniidae (Insecta: Lepidoptera) del Municipio de Xalapa, Veracruz, México. *Dugesiana* (Guadalajara), 8:1-7.

YPONOMEUTIDAE**Yu, H.-L., and H.-H. Li**

2001. A taxonomic study on the genus *Thecobathra* Meyrick, 1922 from China (Lepidoptera, Yponomeutidae). *SHILAP Revta. Lepid.* (Madrid), 29:115-120.

ZYGAENIDAE**Mielke, O. H. H., and M. M. Casagrande**

2001. About the types of Lepidoptera deposited in Brazilian museums. XXVI. Zygaenidae (supplement) and Noctuidae described by A. M. da Costa Lima. *Revta. Bras. Zool.* (Curitiba), 18:1341-1342. [Brazil] [in Portuguese]

Okumura, Y.

2001. The record of day flying moths in Malay Peninsula. *Yadoriga* (Tokyo), 191:24-25. [Malaysia] [in Japanese]

Owada, M.

2001. Further notes on geographical forms of the chalcosiine moth *Eterusia aedea* (Lepidoptera, Zygaenidae). *Mem. Natl. Sci. Mus.* (Tokyo), 37: 293-310.

ATL SERIES (in cooperation with Scientific Publishers)

Home Page: www.troplep.org

* Orders: ATL Series, P. O. Box 141210, Gainesville, FL 32614-1210 FAX: (352) 373-3249 e-mail: troplep@aol.com

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
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: Uranioidea - Geometroidea	In prep.
Checklist, Part 4A: Hesperioidae - Papilionoidea (Lamas) 2004. xxxvi+439 pp. ISBN: 0-945417-28-4	\$35.00 (non-ATL: \$95.00)
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 (Noctuidae)	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: \$95.00)

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
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., includes color synopsis; LSDS species pages
Vol. 1. Part 1: Introduction and Color Synopsis	\$81.50 (non-ATL: \$195.00)
2005. ca. 200 pp (including 75 color pl). (8½ x 11 in). ISBN: 0-945417-76-4	
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. 9. Neotheoridae (Kristensen). viii + 8pp. ISBN: 0-945417-51-9 (Fasc. 9)	in prep.
Fasc. 11. Prototheoridae (Davis). 2005. viii + 8pp. ISBN: 0-945417-51-9 (Fasc. 11)	\$1.50 (non-ATL: \$4.50)
Fasc. 29. Amphithoridae (Heppner). In prep. viii + 12pp. ISBN: 0-945417-52-7 (Fasc. 29)	\$2.00 (non-ATL: \$6.00)
Fasc. 30. Schreckensteiniidae (Heppner) In prep. viii + 8pp. 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. 47)	\$2.50 (non-ATL: \$7.50)
Fasc. 49. Ochsenheimeriidae (Davis) 1998. viii + 8pp. ISBN: 0-945417-55-1 (Fasc. 48)	\$1.50 (non-ATL: \$4.50)
Fasc. 50. Glyptipterigidae (Heppner). viii + 48pp. ISBN: 0-945417-55-1 (Fasc. 49)	in prep.
Fasc. [56] 55. Acrolepiidae (Gaedike) 1997. viii + 16pp. ISBN: 0-945417-55-1 (Fasc. 55)	\$2.50 (non-ATL: \$7.50)
Fasc. [62] 61. Tineodidae (Heppner) 1998. viii + 8pp. ISBN: 0-945417-58-6 (Fasc. 61)	\$1.50 (non-ATL: \$4.50)
Fasc. [63] 62. Oxychiridae (Heppner) 1997. viii + 8pp. ISBN: 0-945417-58-6 (Fasc. 62)	\$1.50 (non-ATL: \$4.50)
Fasc. 65. Brachodidae (Heppner). In prep. viii + 24pp. ISBN: 0-945417-58-6 (Fasc. 64)	\$3.50 (non-ATL: \$9.50)
Fasc. 67. Urodidae (Heppner). In prep. viii + 28pp. ISBN: 0-945417-59-4 (Fasc. 66)	\$2.50 (non-ATL: \$7.50)
Fasc. 72. Lacturidae (Heppner). In prep. viii + 32pp. ISBN: 0-945417-60-8 (Fasc. 71)	\$4.50 (non-ATL: \$12.50)
Fasc. 73. Somabrachyridae (Heppner). In prep. viii + 8pp. ISBN: 0-945417-60-8 (Fasc. 72)	\$1.50 (non-ATL: \$4.50)
Fasc. 85. Ratardidae (Owada). In prep. viii + 8pp. ISBN: 0-945417-64-0 (Fasc. 84)	\$1.50 (non-ATL: \$4.50)
Fasc. [94] 93. Hedyliidae (Scoble) 1998. viii + 16pp. ISBN: 0-945417-66-7 (Fasc. 93)	\$2.50 (non-ATL: \$7.50)
Fasc. 100. Libytheidae (Heppner). In prep. viii + 8pp. ISBN: 0-945417-67-5 (Fasc. 99)	\$1.50 (non-ATL: \$4.50)
Fasc. 106. Carthaeidae (Heppner). In prep. viii + 8pp. ISBN: 0-945417-69-1 (Fasc. 105)	\$1.50 (non-ATL: \$4.50)
Fasc. 116. Oxytenidae (Heppner). In prep. viii + 8pp. ISBN: 0-945417-69-1 (Fasc. 115)	\$1.50 (non-ATL: \$4.50)
Fasc. 117. Cercophanidae (Heppner). In prep. viii + 8pp. ISBN: 0-945417-69-1 (Fasc. 116)	\$1.50 (non-ATL: \$4.50)
Fasc. 118. Saturniidae (Lemaire/Peigler). viii + 120pp. ISBN: 0-945417-69-1 (Fasc. 117)	in prep.
Fasc. 119. Sphingidae (Heppner). viii + 120pp. ISBN: 0-945417-70-5 (Fasc. 118)	in prep.
Fasc. [125] 118. Noctuidae (Poole) 1989. 3 pts., 1314pp. ISBN: 0-916846-45-8	\$50.00 (non-ATL: \$150.00)
Fasc. 125A. Noctuidae: Introduction (Heppner). ca. 260 pp. (8½ x 11 in). ISBN: 0-945417-99-3	in prep.

SHIPPING HANDLING: \$3 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 250pp) [NOTE: Fasc. 124 ships at bookrate of \$7 in the USA, for 3 volumes].

LEPIDOPTERA NEWS

September / December 2002 No. 3-4

- CHEN *et al.* 1 A New Species of the Genus *Glaucocharis* from China (Pyralidae: Crambinae)
- CHEN *et al.* 3 The Genus *Ancylolomia* from China, with Descriptions of Two New Species (Pyralidae: Crambinae)
- HEPPNER 6 Notes on *Euchlaena 'pectinaria'* in the United States (Geometridae: Ennominae)
- 8 2001 Literature Review