

Migrant Lepidoptera species in Albania and Macedonia in 1995

(Insecta, Lepidoptera)

by

STOYAN BESHKOV

received 14.V.1996

Summary: Data for 49 Lepidoptera species mentioned as being migratory in EITSCHBERGER, REINHARDT & STEINIGER (1991) collected or observed in Macedonia and Albania by the author and some other collectors, during 1995 are reported. For many of the species the number and the sex of the collected specimens are given.

Moths included here had been collected on a lamp and by sugaring. For sugaring, a 1:1 mixture of red wine and sugar was used. The methods of collecting of almost all the specimens are given in the text. The data are in chronological order. The systematic order of the families and within families, except for Noctuidae follows LERAUT (1980) and ARBEITSGEMEINSCHAFT NORDBAYERISCHER ENTOMOLOGEN (1988). Systematics of the family Noctuidae is in accordance with FIBIGER & HACKER (1990).

In the following report, the only certain migration was of *Gonepteryx cleopatra* in south Albania near Butrint Town. In that place for a period of two hours in the morning, very many males and females of this species were observed flying very fast in an eastward direction from the sea coast. It is possible they had come from the island of Kerkira (Korfu).

Family Pyralidae

Udea ferrugalis (HÜBNER, 1796)

West Albania, Ionian Sea Coast, Dhërmi Village, 25.VI.1995 single female specimen on 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.; Albania, Vora Village, Tirana Region, 260 m alt., 27.VI.1995, 250 W Hg- & 25 W black-lamp, S. BESHKOV leg.

Uresiphita limbalis ([DENIS & SCHIFFERMÜLLER], 1775)

Albania, Vora Village, Tirana Region, 260 m alt., 08.V.1995 single male specimen on 160 W Hg-lamp, S. BESHKOV leg.; Albania, Vora Village, Tirana Region, 260 m alt., 27.VI.1995 single female specimen on 250 W Hg- & 25 W black-lamp, S. BESHKOV leg.

Palpita unionalis (HÜBNER, 1796)

SW Albania, near the canal of the Butrinti Lake, 24.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.; West Albania, Ionian Sea Coast, Dhërmi Village, 25.VI.1995 single male specimen on 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.; Albania, Vora Village, Tirana Region, 260 m alt., 27.VI.1995, 250 W Hg- & 25 W black-lamp, S. BESHKOV leg.

Family Papilionidae

Iphicliodes podalirius (LINNAEUS, 1758)

Macedonia, Taor Village, Vardar Valley, Skopje Redion, 150 m alt., 12.V.1995, S. BESHKOV leg. single specimen; Macedonia, near Pletvar, 700 m, 22.VI.1995, S. BESHKOV & S. ABADJIEV leg.; SW Albania, near the canal of the Butrinti Lake, 24.VI.1995, S. BESHKOV & S. ABADJIEV leg.; SW Albania, Saranda, 25.VI.1995, S. BESHKOV & S. ABADJIEV leg.

Papilio machaon LINNAEUS, 1758

Macedonia, Taor Village, Vardar Valley, Skopje Redion, 150 m alt., 12.V.1995, S. BESHKOV leg. 2 specimens; Macedonia, near Pletvar, 700 m, 22.VI.1995, S. BESHKOV & S. ABADJIEV leg.; SW Albania, near the canal of the Butrinti Lake, 24.VI.1995, S. BESHKOV & S. ABADJIEV leg.; SW Albania, Saranda, 25.VI.1995, S. BESHKOV & S. ABADJIEV leg.

Family Pieridae

Aporia crataegi (LINNAEUS, 1758)

Macedonia, near Pletvar, 700 m, 22.VI.1995, S. BESHKOV & S. ABADJIEV leg.; Macedonia, Galitchitza Mt, 1400 m on the side of the Ohrid Lake, 22.VI.1995, S. BESHKOV & S. ABADJIEV leg.; Macedonia, Ohrid Lake, Sveti Naum, 23.VI.1995, S. BESHKOV & S. ABADJIEV leg.; Albania, Pogradetz, 23.VI.1995, S. BESHKOV & S. ABADJIEV leg.; East Albania, Cerava, 23.VI.1995, S. BESHKOV & S. ABADJIEV leg.; East Albania, Mollas, 23.VI.1995, S. BESHKOV & S. ABADJIEV leg.

Pieris rapae (LINNAEUS, 1758)

Macedonia, Demir Kapiya Gorge, Kavadarzi Region, 21.VI.1995, S. BESHKOV & S. ABADJIEV leg.; West Albania, Ionian Sea Coast, Dhërmi Village, 25.VI.1995, S. BESHKOV & S. ABADJIEV leg.

Pieris napi (LINNAEUS, 1758)

East Albania, Mollas, 23.VI.1995, S. BESHKOV & S. ABADJIEV leg.

Pieris brassicae (LINNAEUS, 1758)

Macedonia, Taor Village, Vardar Valley, Skopje Redion, 150 m alt., 12.V.1995, S. BESHKOV leg. single specimen.

Pontia edusa (FABRICIUS, 1777)

Macedonia, Taor Village, Vardar Valley, Skopje Redion, 150 m alt., 12.V.1995, S. BESHKOV leg. 2 specimens; East Albania, Mollas, 23.VI.1995, S. BESHKOV & S. ABADJIEV leg.; SW Albania, near the canal of the Butrinti Lake, 24.VI.1995, S. BESHKOV & S. ABADJIEV leg.; SW Albania, Saranda, 25.VI.1995, S. BESHKOV & S. ABADJIEV leg.; West Albania, Ionian Sea Coast, Dhërmi Village, 25.VI.1995, S. BESHKOV & S. ABADJIEV leg.

Colias crocea (GEOFFROY, 1785)

Macedonia, below Galichica Mt, Lubanishta Village, 09.V.1995, S. BESHKOV observed several males specimens; Macedonia, Tetovo Town, 09.V.1995, S. BESHKOV observed many specimens; Macedonia, Taor Village, Vardar Valley, Skopje Redion, 150 m alt., 12.V.1995, abundant, S. BESHKOV leg.; Macedonia, Prespa Lake, near Oteshovo Village, 22.VI.1995, S. BESHKOV & S. ABADJIEV leg.

Gonepteryx rhamni (LINNAEUS, 1758)

Macedonia, Tetovo Town, 09.V.1995, S. BESHKOV observed single specimen.

Gonepteryx cleopatra (LINNAEUS, 1767)

SW Albania, near Butrint Town in a olivs' garden, 24.VI.1995, many specimens, flying very fast in direction from the sea coast to the east, collected 4 females and 5 males specimens, S. BESHKOV & S. ABADJIEV leg.; SW Albania, Saranda, 25.VI.1995, S. BESHKOV & S. ABADJIEV observed 3–4 specimens on the road; W Albania, Ionian Sea Coast, Dhërmi Village, 26.VI.1995, 5 male specimens, S. BESHKOV & S. ABADJIEV leg.

Family Nymphalidae

Vanessa atalanta (LINNAEUS, 1758)

Macedonia, Tetovo Town, 09.V.1995, S. BESHKOV observed single specimen; Macedonia, Taor Village, Vardar Valley, Skopje Redion, 150 m alt., 12.V.1995, S. BESHKOV leg. single specimen; Macedonia, Galitchitza Mt, 1400 m. on the side of the Ohrid Lake, 22.VI.1995, S. BESHKOV & S. ABADJIEV leg.

Cynthia cardui (LINNAEUS, 1758)

Macedonia, Taor Village, Vardar Valley, Skopje Redion, 150 m alt., 12.V.1995, abundant, S. BESHKOV observed single specimen; Macedonia, Prespa Lake, near Oteshovo Village, 22.VI.1995, S. BESHKOV & S. ABADJIEV leg.; Macedonia, Galitchitza Mt, 1400 m. on the side of the Ohrid Lake, 22.VI.1995, S. BESHKOV & S. ABADJIEV leg.; West Albania, Ionian Sea Coast, Dhërmi Village, 25.VI.1995, S. BESHKOV & S. ABADJIEV leg.

Aglais urticae (LINNAEUS, 1758)

Macedonia, near Pletvar, 700 m, 22.VI.1995, S. BESHKOV & S. ABADJIEV leg.

Polygonia c-album (LINNAEUS, 1758)

East Albania, Mollas, 23.VI.1995, S. BESHKOV & S. ABADJIEV leg.

Issoria lathonia (LINNAEUS, 1758)

Macedonia, Tetovo Town, 09.V.1995, S. BESHKOV observed many specimens; Macedonia, Taor Village, Vardar Valley, Skopje Redion, 150 m alt., 12.V.1995, abundant, S. BESHKOV observed.

Family Lycaenidae

Lycaena phlaeas (LINNAEUS, 1761)

Macedonia, Taor Village, Vardar Valley, Skopje Region, 150 m alt., 12.V.1995, S. BESHKOV leg. single female specimen; Macedonia, Demir Kapiya Gorge, Kavartzi Region, 21.VI.1995, S. BESHKOV & S. ABADJIEV leg.; Macedonia, near Pletvar, 700 m, 22.VI.1995, S. BESHKOV & S. ABADJIEV leg.

Lampides boeticus (LINNAEUS, 1767)

West Albania, Ionian Sea Coast, Dhërmi Village, 25.VI.1995, S. BESHKOV & S. ABADJIEV leg.

Family Geometridae

Cyclophora pupillaria (HÜBNER, [1799])

Macedonia, Demir Kapiya Gorge, Kavartzi Region, 21.VI.1995, on 125 W Hg- & 25 W black-lamps, S. BESHKOV leg. two females specimens; Albania, Jorgucati Village, Gjirokastra Region, 400 m., 23.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV leg.; SW Albania, near the canal of the Butrinti Lake, 24.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.; West Albania, Ionian Sea Coast, Dhërmi Village, 25.VI.1995 single male specimen on 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.; Albania, Vora Village, Tirana Region, 260 m alt., 27.VI.1995 single male specimen on 250 W Hg- & 25 W black-lamp, S. BESHKOV leg.

Family Sphingidae

Agrius convolvuli (LINNAEUS, 1758)

Albania, Vora Village, Tirana Region, 260 m alt., 27.VI.1995 single male specimen on 250 W Hg- & 25 W black-lamp, S. BESHKOV leg.

Hyles euphorbiae (LINNAEUS, 1758)

Macedonia, Demir Kapiya Gorge, Kavartzi Region, 21.VI.1995, on 125 W Hg- & 25 W black-lamps, one male specimen, S. BESHKOV leg.; Macedonia, Galitshitza Mt, 1400 m on the side of the Ohrid Lake, 22.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.; Albania, Jorgucati Village, Gjirokastra Region, 400 m, 23.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV leg.; Albania, Vora Village, Tirana Region, 260 m alt., 27.VI.1995, 250 W Hg- & 25 W black-lamp, S. BESHKOV leg.

Hyles livornica (ESPER, 1780)

SW Albania, near the canal of the Butrinti Lake, 24.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.; West Albania, Ionian Sea Coast, Dhërmi Village, 25.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.; Albania, Vora Village, Tirana Region, 260 m alt., 27.VI.1995, 250 W Hg- & 25 W black-lamp, S. BESHKOV leg.

Family Noctuidae

Subfamily Catocalinae

Prodotis stolida (FABRICIUS, 1775)

Macedonia, Demir Kapiya Gorge, Kavadartzi Region, 21.VI.1995, on sugaring, S. BESHKOV leg.; Albania, Jorgucati Village, Gjirokastra Region, 400 m, 23.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV leg.; SW Albania, near the canal of the Butrinti Lake, 24.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.

Tyta luctuosa ([DENIS & SCHIFFERMÜLLER], 1775)

Macedonia, Taor Village, Vardar Valley, Skopje Region, 150 m alt., 12.V.1995, S. BESHKOV leg. single specimen on day on flowers; Macedonia, Demir Kapiya Gorge, Kavadartzi Region, 21.VI.1995, on 125 Hg W & 25 black-lamps, S. BESHKOV leg.; Albania, Jorgucati Village, Gjirokastra Region, 400 m, 23.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV leg.; Albania, Vora Village, Tirana Region, 260 m alt., 27.VI.1995, 250 W Hg- & 25 W black-lamp, S. BESHKOV leg.

Subfamily Acontiinae

Acontia lucida (HUFNAGEL, 1766)

Macedonia, Skopje Town, 160 W Hg-lamp, S. BESHKOV leg. single specimen; Macedonia, Taor Village, Vardar Valley, Skopje Region, 150 m alt., 12.V.1995, S. BESHKOV observed on day on flowers; Albania, Vora Village, Tirana Region, 260 m alt., 08.V.1995, 160 W Hg-lamp, S. BESHKOV leg.; Albania, Jorgucati Village, Gjirokastra Region, 400 m, 23.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV leg.; SW Albania, near the canal of the Butrinti Lake, 24.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.; SW Albania, Saranda, 25.VI.1995, resting on a lamp, S. BESHKOV leg.; Albania, Vora Village, Tirana Region, 260 m alt., 27.VI.1995, 250 W Hg- & 25 W black-lamp, S. BESHKOV leg.

Eublemma parva (HÜBNER, [1808])

Macedonia, Demir Kapiya Gorge, Kavadartzi Region, 21.VI.1995, on 125 W Hg- & 25 W black-lamps, S. BESHKOV leg.; SW Albania, near the canal of the Butrinti Lake, 24.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.; West Albania, Ionian Sea Coast, Dhërmi Village, 25.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.; Albania, Vora Village, Tirana Region, 260 m alt., 27.VI.1995, single female specimen on 250 W Hg- & 25 W black-lamp, S. BESHKOV leg.

Subfamily Plusiinae

Macdunnoughia confusa (STEPHENS, 1850)

Macedonia, Tetovo Town, 09.V.1995, S. BESHKOV leg. single specimen resting on a lamp; Albania, Vora Village, Tirana Region, 260 m alt., 27.VI.1995, 250 W Hg- & 25 W black-lamp,

S. BESHKOV leg.; Macedonia, Demir Kapiya Gorge, Kavadarzi Region, 21.VI.1995, on 125 W Hg- & 25 W black-lamps, S. BESHKOV leg.

Autographa gamma (LINNAEUS, 1758)

Albania, Vora Village, Tirana Region, 260 m alt., 08.V.1995, 160 W Hg-lamp, S. BESHKOV leg. 2 males specimens; Albania, Vora Village, Tirana Region, 260 m alt., 27.VI.1995, 250 W Hg- & 25 W black-lamp, S. BESHKOV leg.

Trichoplusia ni (HÜBNER, [1803])

West Albania, Ionian Sea Coast, Dhërmi Village, 25.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.

Subfamily Heliothinae

Heliothis peltigera ([DENIS & SCHIFFERMÜLLER], 1775)

West Albania, Ionian Sea Coast, Dhërmi Village, 25.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.; Albania, Vora Village, Tirana Region, 260 m alt., 27.VI.1995, 250 W Hg- & 25 W black-lamp, S. BESHKOV leg.

Subfamily Ipimorphinae

Paradrina clavipalpis (SCOPOLI, 1763)

Albania, Vora Village, Tirana Region, 260 m alt., 08.V.1995 single female specimen on 160 W Hg-lamp, S. BESHKOV leg.

Hoplodrina blanda ([DENIS & SCHIFFERMÜLLER], 1775)

Albania, Jorgucati Village, Gjirokastra Region, 400 m, 23.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV leg.; SW Albania, near the canal of the Butrinti Lake, 24.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.

Spodoptera exigua (HÜBNER, [1808])

Albania, Jorgucati Village, Gjirokastra Region, 400 m, 23.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV leg.; SW Albania, near the canal of the Butrinti Lake, 24.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.; West Albania, Ionian Sea Coast, Dhërmi Village, 25.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.

Phlogophora meticulosa (LINNAEUS, 1758)

Macedonia, Galitchitza Mt, 1400 m on the side of the Ohrid Lake, 22.VI.1995, 125 W Hg- & 25 W black-lamps and sugaring, S. BESHKOV & S. ABADJIEV leg.

Subfamily Hadeninae

Mythimna albipuncta ([DENIS & SCHIFFERMÜLLER], 1775)

Vora Village, Tirana Region, 260 m alt., 08.V.1995, 160 W Hg-lamp, S. BESHKOV leg. 3 male specimens; Macedonia, Skopje Town, 160 W Hg-lamp, S. BESHKOV leg. single specimen; Albania, Vora Village, Tirana Region, 260 m alt., 27.VI.1995, 250 W Hg- & 25 W black-lamp, S. BESHKOV leg.

Mythimna vitellina (HÜBNER, [1808])

Vora Village, Tirana Region, 260 m alt., 08.V.1995, 2 females and 3 males on 160 W hg lamp, S. BESHKOV leg.; Albania, Jorgucati Village, Gjirokastra Region, 400 m, 23.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV leg.; West Albania, Ionian Sea Coast, Dhërmi Village, 25.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.

Mythimna l-album (LINNAEUS, 1767)

Macedonia, Demir Kapiya Gorge, Kavadartzi Region, 21.VI.1995, on 125 W Hg- & 25 W black-lamps, S. BESHKOV leg., West Albania, Ionian Sea Coast, Dhërmi Village, 25.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.

Acantholeucania loreyi (DUPONCHEL, 1827)

Albania, Vora Village, Tirana Region, 260 m alt., 27.VI.1995, 250 W Hg- & 25 W black-lamp, S. BESHKOV leg.

Pseudaletia unipuncta (HAWORTH, 1809)

Vora Village, Tirana Region, 260 m alt., 08.V.1995, 1 male on 160 W Hg-lamp, and 1 male and 1 female on sugaring, S. BESHKOV leg.; Albania, Vora Village, Tirana Region, 260 m alt., 27.VI.1995 on 250 W Hg- & 25 W black-lamp and on sugaring, S. BESHKOV leg.; Macedonia, Demir Kapiya Gorge, Kavadartzi Region, 21.VI.1995, on 125 W Hg- & 25 W black-lamps and on sugaring, S. BESHKOV leg.

Subfamily Noctuinae

Tribe Noctuini

Noctua pronuba LINNAEUS, 1758

Vora Village, Tirana Region, 260 m alt., 08.V.1995, 1 female on 160 W Hg-lamp, S. BESHKOV leg.; Macedonia, Demir Kapiya Gorge, Kavadartzi Region, 21.VI.1995, on 125 Hg W & 25 black-lamps, S. BESHKOV leg.; Macedonia, Galitchitza Mt, 1400 m on the side of the Ohrid Lake; 22.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.; West Albania, Ionian Sea Coast, Dhërmi Village, 25.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.

Lampra fimbriata (SCHREBER, 1759)

Macedonia, Demir Kapiya Gorge, Kavadartzi Region, 21.VI.1995, on 125 W Hg- & 25 W black-lamps, S. BESHKOV leg.; Macedonia, Shar Mt, Popova Shapka, "Leshnitsa" Resort,

1480 m, 20.–21.VII.1995, A. LAPEVA, VL. SAKALYAN & G. BLAGOEV leg. on 250 W Hg-lamp single male specimen.

Xestia c-nigrum (LINNAEUS, 1758)

Macedonia, Skopje Town, 160 W Hg-lamp, S. BESHKOV leg. single male specimen; Macedonia, Galitchitza Mt, 1400 m on the side of the Ohrid Lake, 22.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.

Tribe Agrotini

Peridroma saucia (HÜBNER, [1808])

Macedonia, Demir Kapiya Gorge, Kavadarzi Region, 21.VI.1995, on sugaring, S. BESHKOV leg.

Agrotis ipsilon (HUFNAGEL, 1766)

Albania, Jorgucati Village, Gjirokastra Region, 400 m, 23.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV leg.; Albania, Vora Village, Tirana Region, 260 m alt., 27.VI.1995, 250 W Hg- & 25 W black-lamp and on sugaring, S. BESHKOV leg.

Agrotis exclamatoris (LINNAEUS, 1758)

Vora Village, Tirana Region, 260 m alt., 08.V.1995 on 160 W Hg-lamp, S. BESHKOV leg. 1 male specimen; Macedonia, Skopje Town, 160 W Hg-lamp, S. BESHKOV leg. single male specimen; Macedonia, Galitchitza Mt, 1400 m on the side of the Ohrid Lake, 22.VI.1995, 125 W Hg- & 25 W black-lamps and sugaring, S. BESHKOV & S. ABADJIEV leg.; Albania, Jorgucati Village, Gjirokastra Region, 400 m, 23.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV leg.; Macedonia, Shar Mt, Popova Shapka, "Leshnitsa" Resort, 1480 m, 20.–21.VII.1995, A. LAPEVA, VL. SAKALYAN & G. BLAGOEV leg. on 250 W Hg-lamp.

Agrotis segetum ([DENIS & SCHIFFERMÜLLER], 1775)

Vora Village, Tirana Region, 260 m alt., 08.V.1995, 1 female on 160 W Hg-lamp, S. BESHKOV leg.; Macedonia, Tetovo Town, 09.V.1995, S. BESHKOV leg. resting on a lamp; West Albania, Ionian Sea Coast, Dhërmi Village, 25.VI.1995, 125 W Hg- & 25 W black-lamps, S. BESHKOV & S. ABADJIEV leg.; Albania, Vora Village, Tirana Region, 260 m alt., 27.VI.1995, 250 W Hg- & 25 W black-lamp and on sugaring, S. BESHKOV leg.

Agrotis biconica KOLLAR, 1844

Albania, Vora Village, Tirana Region, 260 m alt., 08.V.1995, 5–10 specimens on 160 W Hg-lamp, S. BESHKOV leg.; Albania, Vora Village, Tirana Region, 260 m alt., 27.VI.1995, 250 W Hg- & 25 W black-lamp, S. BESHKOV leg.

Acknowledgements

I would like to express my sincere gratitude to: Miss ALBENA LAPEVA, Mr. STANISLAV ABADJIEV, Mr. OGNJAN ILIEV, Mr. GERGIN BLAGOEV, Mr. VLADIMIR SAKALYAN (all from Sofia), as well as to

Prof. IDRIZ HADZHU (Tirana) and Mr. JAMES BUSKIRK (Oakland, USA) for their assistance in collecting the material during the trip, or for the material presented.

References

- ARBEITSGEMEINSCHAFT NORDBAYERISCHER ENTOMOLOGEN (1988): Prodrömus der Lepidopterenfauna Nordbayerns. – *Neue Entomologische Nachrichten* **23**: 1–159.
- EITSCHBERGER, U., REINHARDT, R. & H. STEINIGER (1991): Wanderfalter in Europa (Lepidoptera). – *Atalanta* **22**(1): 67 + XVI pp.
- FIBIGER, M. & H. HACKER (1990): Systematic List of the Noctuidae of Europe. – *Esperiana* **2**: 1–109.
- LEHAUT, P. (1980): Liste systematique et synonymique des Lepidopteres de France, Belgique et Corse. – Supplement a Alexanor, Paris.

address of the author

STOYAN BESHKOV
13 Mart Str. – 17
1142 Sofia
Bulgaria

ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Atalanta](#)

Jahr/Year: 1996

Band/Volume: [27](#)

Autor(en)/Author(s): Beshkov Stoyan V.

Artikel/Article: [Migrant Lepidoptera species in Albania and Macedonia in 1995 \(Insecta, Lepidoptera\) 535-543](#)