

**A Contribution to the knowledge of the Lepidoptera fauna of Albania.
1. Some materials from the collection of K. MISJA in the Natural History
Museum Tirana and some results of the collecting trip of BESHKOV
during 1992**

(Lepidoptera, Macrolepidoptera)

by

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Abstract: The present work is the result of a critical study on the collection of Lepidoptera of Prof. Dr. KASTRIOT MISJA in the Natural History Museum Tirana, and forms part of the results of STOYAN BESHKOV's collecting trip in June 1992 in Northern and Southern Albania. The occurrence of each of the mentioned species is given for Albania, following all the literature known by the authors. Illustrations of the male or female genitalia for some previously wrongly determined or published species are given. The number of the new genera for Albania is 11, the number of the new species for Albania is 23, and the number of the new subspecies for the country is 2. The results of the investigation will be published in additional works.

Although the Republic of Albania is situated in a quite interesting region as the Balkan peninsula, the investigations on its fauna are unsatisfactory. Respecting the study of the Lepidoptera fauna, by the moment for us, Albania is the least explored area of Europe, because of the difficult access. For many years it was closed to foreigners. The country has very hard relief, no roads, fuel, etc. and the travelling and investigations are very difficult. During its communist dictatorship Albania was isolated from the science of the developed countries and an informational gap was created. There was no literature, even of the soviet type, for political and financial reasons. The correspondence with foreign specialists, institutions and institutes was hindered. The investigation of the Lepidoptera fauna was blocked and most of the country remained explored.

A resumen of the works on the Lepidoptera fauna in Albania are those of REBEL & ZERNY (1931) and the results of the German Entomological Institute's expedition in 1961 published by various authors (EICHLER & FRIESE, 1965; HEINICKE, 1965; URBAHN, 1966, and others). The works of MISJA made quite a contribution. Most of them are in Albanian and are published in a journal difficult to obtain. This is the reason why we announce all localities ever published by the moment for every species we mention in our work. We have tried to correct some inaccurately published species, due to wrong determination. For many of the species new for the country we give photographs of the male or female genitalia, in order to avoid future misunderstandings.

The examples are in the collection of MISJA in the Natural History Museum Tirana and in the private collection of BESHKOV. All the genitalia preparations are elaborated by BESHKOV and form part of his collection. The systematic order of the families is given following LERAUT (1980) and ARBEITSGEMEINSCHAFT NORDBAYERISCHER ENTOMOLOGEN (1988). The systematic of the family Noctuidae is given according to FIBIGER & HACKER (1990).

Family Nymphalidae

Subfamily Nymphalinae

Polygonia egea (CRAMER, 1775)

NW Albania, Lezha district, Kakarriqi v., 03.VI.1992, en masse (leg. BESHKOV). Reported from Shkodra; Bardhanjor; Lezha and Durrësi (REBEL & ZERNY, 1931); Shkodra; Kavaja and Berati (MOUCHA, 1963b). Listed in MISJA & KURRIZI (1984) as reported by mentioned authors above. Listed also in MURRAJ (1972) without localities and authors mentioned. Known also from Apollonia; Berati; Gjirokastra; 5 km N of Tepelena and Vlora (GASKIN, 1990).

Subfamily Satyrinae

Melanargia larissa (GEYER in HÜBNER, [1827])

SW Albania, near Shënvasia v., Saranda district, 08.VI.1992, two male specimens (pl. 1., figs. 1–2) (leg. et coll. BESHKOV). It seems that in this area the populations of two subspecies inhabit the Balkan peninsula: *Melanargia larissa larissa* (GEYER in HÜBNER, [1827]) and *Melanargia larissa hertha* (GEYER in HÜBNER, [1828]) are mixed. Our specimens show similarity to both taxa mentioned above and we cannot say for sure to which subspecies they belong. *Melanargia larissa* H.-G. is reported from Kulla e Lumës; Kruma; Bushtrica; Bojana estuary; Kukli; Thumana; Lushnja; Rogozhina; Tomorri Mt. 1000–1200 m; Babja; Kashnjeti; Kishbardha; Saranda-Jorgucati; Korça; Galicica Mts (REBEL & ZERNY, 1931); Ganjollë in North Albania, Shkodra district (MOUCHA, 1963b). Listed in MISJA & KURRIZI (1984) as reported by mentioned authors above. Listed also in MURRAJ (1972) without localities and authors mentioned.

Family Lycaenidae

Tarucus balkanicus (FREYER, 1845)

NW Albania, Lezha district, Kakarriqi v., 03.VI.1992, one female specimen (leg. et coll. BESHKOV). Known in Albania from Kukli; Vora and Dukati (REBEL & ZERNY, 1931). Listed in MISJA & KURRIZI (1984) as reported by author mentioned above.

Family Geometridae

Subfamily Geometrinae

Chlorissa viridata (LINNAEUS, 1758)

S Albania, Gjirokastra district, Vrisera v. on the border to Greece, 08.VI.1992, one male specimen on 400 W petromax lamp (Gen. prep. 2, 30.VIII.1993, BESHKOV, fig. 1); Tirana district, Botanical garden (Selita e vogël, Kopshti botanik), 02.VI.1992, one male specimen on 1000 W Wf-lamp (Gen. prep. 2, 26.VIII.1993, BESHKOV) (leg. et coll. BESHKOV). Known from Kulla e Lumës; Bushtrica and Shkodra (REBEL & ZERNY, 1931); Berati; Tomorrica and Tirana (MISJA, 1977).

Chlorissa cloraria (HÜBNER, [1813])

Tirana district, Botanical garden (Selita e vogël, Kopshti botanik), 02.VI.1992, one female specimen on 1000 W Wf-lamp (Gen. prep. 3, 26.VIII.1993, BESHKOV, fig. 2) (leg. et coll. BESHKOV). Known from Kulla e Lumës; and Rogozhina as *Chlorissa porrinata* Z. (REBEL & ZERNY, 1931); Uji i Ftohtë south of Tepelena; Poliçani west of Tomorri; Dajti, Shkallë Priska 850 m; Mali me Gropa, Livadhet e Selitaës 1000–1100 m (URBAHN, 1966). Reported also from Tirana; Butrinti and Berati (MISJA, 1977).

Chlorissa pulmentaria (GUENÉE, 1858)

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, one male (Gen. prep. 5, 25.VIII.1993, BESHKOV) and two female specimens specimens on 1000 W Wf-lamp (Gen. prep. 4, 25.VIII.1993, BESHKOV, fig. 3) and (Gen. prep. 6, 25.VIII.1993, BESHKOV) (leg. et coll. BESHKOV). Reported for Kulla e Lumës; Oroshi in Mirdita (REBEL & ZERNY, 1931); Uji i Frohtë south of Tepelena; Durazzo [Durrësi] (URBAHN, 1966).

Subfamily Scopulinae

Scopula submutata (TREITSCHKE, 1828)

SW Albania, Dhërmi v. between Saranda and Vlora, 07.VI.1992, one male specimen on 400 W petromax lamp (Gen. prep. 6, 30.VIII.1993, BESHKOV) (leg. et coll. BESHKOV). Known from Kulla e Lumës; Bicaj; Shkodra (REBEL & ZERNY, 1931); Borshi south of Vlora [north of Saranda]; Uji i Ftohtë south of Tepelena; Dajti, Shkallë Priska 850 m (URBAHN, 1966).

Scopula imitaria (HÜBNER, [1799])

Tirana district, Botanical garden (Selita e vogël, Kopshti botanik), 02.VI.1992, one male specimen on 1000 W Wf-lamp; NW Albania, Lezha district, Kakarriqi v., 03.VI.1992, one female specimen on 400 W petromax lamp; NW Albania, Limaçi v. near East coast of the Shkodra lake, 05.VI.1992, one male specimen on 400 W petromax lamp (leg. et coll. BESHKOV). Reported for Kulla e Lumës; Tirana; Shkodra; Durrësi (REBEL & ZERNY, 1931); Borshi south of Vlora [north of Saranda]; Uji i Ftohtë south of Tepelena; Poliçani west of Tomorri 500 m; Iba under Krraba; Dajti, Shkallë Priska 850 m; Mali me Gropa, Livadhet e Selitës 1000–1100 m (URBAHN, 1966). Known also from Tirana; Dajti; Divjaka; Fushë-Kuqë; Mamurras; Lushnja; Vora; Vlora; Korça and Berati (MISJA, 1977).

Idea straminata (BORKHAUSEN, 1794) (= *inornata* HAWORTH, 1810)

Tirana district, Botanical garden (Selita e vogël, Kopshti botanik), 02.VI.1992, 1 ♂ on 1000 W Wf-lamp (Gen. prep. 1, 26.VIII.1993, BESHKOV) (leg. et coll. BESHKOV). Reported from the same place from September (MISJA, 1990); Kulla e Lumës; Korabi Mt.; Tirana (REBEL & ZERNY, 1931); Mali me Gropa, Livadhet e Selitës 1000–1100 m (URBAHN, 1966).

Subfamily Larentiinae

Eupithecia breviculata (DONZEL, 1837)

SW Albania, Dhërmi v. between Saranda and Vlora, 07.VI.1992, one specimen on 400 W

petromax lamp; S Albania, Gjirokastra district, Vrisera v. on the border to Greece, 08.VI.1992, one male specimen on 400 W petromax lamp (leg. et coll. BESHKOV). Reported for Kulla e Lumës and Rogozhina (REBEL & ZERNY, 1931); Borshi south of Vlora [north of Saranda] and the valley Lumi i Borshit; Uji i Ftohtë south of Tepelena (URBAHN, 1966).

Eupithecia gratiosata HERRICH-SCHÄFFER, 1861

S Albania, Gjirokastra district, Vrisera v. on the border to Greece, 08.VI.1992, one female specimen in bad condition on 400 W petromax lamp (leg. et coll. BESHKOV). This species is new for the fauna of Albania.

Subfamily Ennominae

Semiothisa artesiaria ([DENIS & SCHIFFERMÜLLER], 1775)

S Albania, Gjirokastra district, Vrisera v. on the border to Greece, 08.VI.1992, one specimen on 400 W petromax lamp (leg. et coll. BESHKOV). Known from Kulla e Lumës; Elbasani (REBEL & ZERNY, 1931); Marikaj, Korça (Turan) and Mborje (MISJA, 1977).

Petrophora chlorosata (SCOPOLI, 1763)

6 km on the way from Tirana to Elbasani, 01.VI.1992, 1 ♂ on 400 W petromax lamp (leg. et coll. BESHKOV). Reported as *Lithina petraria* Hb. for Tirana (REBEL & ZERNY, 1931).

Pachycnemia hippocastanaria (HÜBNER, [1799])

SW Albania, Dhërmi v. between Saranda and Vlora, 07.VI.1992, one female specimen on 400 W petromax lamp (pl. 1, fig. 3). (leg. et coll. BESHKOV). Known from south of Durrësi; Tirana; Lushnja (REBEL & ZERNY, 1931); Dajti Mt. (MOUCHA, 1963a). Also reported for Iba below Krraba, 400 m (URBAHN, 1966).

Rhoptria asperaria HÜBNER, 1814

SW Albania, Dhërmi v. between Saranda and Vlora, 07.VI.1992, one female specimen on 400 W petromax lamp (pl. 1, fig. 4) (leg. et coll. BESHKOV). Reported from Rogozhina; Lushnja (REBEL & ZERNY, 1931); Borshi south of Vlora [north of Saranda] and Mali me Gropa, Livadhet e Selitës 1000–1100 m (URBAHN, 1966).

Ennomos fuscantaria (HAWORTH, 1809)

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, one female specimen on 1000 W Wf-lamp (leg. et coll. BESHKOV). Reported from Tirana, Lezha, Klosi and Vermoshi (MISJA, 1977).

Nychiodes dalmatina WAGNER, 1909

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, one female specimen on 1000 W Wf-lamp (leg. et coll. BESHKOV). Reported from Kulla e Lumës; Shkodra (REBEL & ZERNY, 1931); Mali me Gropa, Livadhet e Selitës 1000–1100 m (HEINICKE, 1965). Known also for Tirana, Marikaj, Kune, Vlora and Bistrica as *Nychiodes lividaria* HÜBNER (MISJA, 1977).

Gnophos sartata TREITSCHKE, 1827

NW Albania, Lezha district, Kakarriqi v., 03.VI.1992, two male specimens on 400 W petromax lamp; NW Albania, Limaçi v. near East coast of the Shkodra lake 05.VI.1992, three female specimens on 400 W petromax lamp; SW Albania, Dhërmi v. between Saranda and Vlora, 07.VI.1992, one male specimen on 400 W petromax lamp (leg. et coll. BESHKOV). Known from Shkodra; Rogozhina; Elbasani; Durrësi; Vlora (REBEL & ZERNY, 1931); Elbasani (MOUCHA, 1963a). Also reported from Borshi south of Vlora [north of Sarnda]; and Uji i Ftohtë south of Tepelena (URBAHN, 1966); Butrinti (MISJA, 1990).

Family Lasiocampidae

Lasiocampa grandis (ROGENHOFER, 1891)

Tirana IX-X; Salkos IX; Mamurrasi (leg. et coll. MISJA). This species is new for Albania.

Macrothylacia rubi (LINNAEUS, 1758)

6 km on the way from Tirana to Elbasani, 01.VI.1992, one female specimen on 400 W petromax lamp (leg. et coll. BESHKOV). Known from Kruma (REBEL & ZERNY, 1931); Mbas Deje (MISJA, 1978).

Family Sphingidae

Smerinthus ocellatus (LINNAEUS, 1758)

6 km on the way from Tirana to Elbasani, 01.VI.1992, on 400 W petromax lamp (leg. BESHKOV). *Smerinthus ocellatus* (L.) is not listed in the paper of EICHLER & FRIESE (1965). Reported later for Marikaj (Tirana) and Bardhore (Kavaja) (MISJA, 1978).

Family Notodontidae

Paradrymonia vittata streckfussi (HONRATH, 1892)

Gramozi Mt. (leg. et coll. MISJA). Reported from Kulla e Lumës (REBEL & ZERNY, 1931) as *Paradrymonia vittata* STGR. New subspecies for Albania.

Family Arctiidae

Eilema caniola (HÜBNER, [1803])

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, one male (Gen. prep. 3, 25.VIII.1993, BESHKOV) and two females (Gen. prep. 1-2, 25.VIII.1993, BESHKOV), specimens on 1000 W Wf-lamp (leg. et coll. BESHKOV); Tirana district, Botanical garden (Selita e vogël, Kopshti botanik), 02.VI.1992, four male specimens on 1000 W Wf-lamp (Gen. prep. 4-7, 26.VIII.1993, BESHKOV) (leg. MISJA & BESHKOV, in coll. BESHKOV). Reported from Kulla e Lumës; Shëngjini; Rogozhina; Pashalimani 17 km south of Vlora (REBEL & ZERNY, 1931); Tirana (MOUCHA, 1963a); Vermoshi; Butrinti and Kopshti botanik (MISJA, 1990).

Chelis maculosa (GERNING, 1780)

Vermoshi Mt., Ujanik; Korabi Mt., Lura. (leg. et coll. MISJA). Reported for Bushtrica (REBEL & ZERNY, 1931); Korabi, 9.VII.1977 (MISJA, 1978).

Phragmatobia placida (FRIVALDSZKY, 1835)

Skrapari; Vermoshi, Mbas Deje (leg. et coll. MISJA). Reported from Oroshi in Mirdita (REBEL & ZERNY, 1931); Vermoshi; Ujanik (Mali i Tomorrit) (MISJA, 1990).

Cymbalophora rivularis (MÉNÉTRIÈS, 1832)

Hoçishti, Korça district, 13.IX.1975 (leg. et coll. MISJA). Determined as *Cymbalophora pudica* ESP. The monovoltine species *Cymbalophora rivularis* (*Chelonia rivularis* MÉNÉTRIÈS, 1832) (= *dannehli* DANNEHL, 1929; = *perversa* DANNEHL, 1929) is known from Caucasia and Transcaucasia, Asia Minor, Central Italy (Apenines), Macedonia (Petrina Planina = Galichitza Mts), Northern Greece and Southern Bulgaria (Sakar Mts.). A local and rare species (FREINA & WITT, 1987; GANEV & KIRIAKOV, 1986). This specimen was reported as *Euprepia pudica* ESP. (MISJA, 1978). From the genus *Cymbalophora* RAMBUR, 1866 (= *Tympanophora* LABOULBENE, 1865) the species *Cymbalophora pudica* ESPER has been reported for Albania (REBEL & ZERNY, 1931). New species for Albanian fauna.

Family Noctuidae

Subfamily Herminiinae

Paracolax tristalis (FABRICIUS, 1794)

Tirana district, Botanical garden (Selita e vogël, Kopshti botanik), 02.VI.1992, one male specimen on 1000 W Wf-lamp (leg. et coll. BESHKOV). Reported for Kulla e Lumës; Bicaj (REBEL & ZERNY, 1931) as *Herminia derivialis* Hb.; Known also from Marikaj (Tirana); Tirana and Fushë-Kuqe under the name *Paracolax glaucinalis* SCHIFF. (MISJA, 1976).

Polypogon plumigeralis (HÜBNER, [1825])

Tirana district, Botanical garden (Selita e vogël, Kopshti botanik), 02.VI.1992, one female specimen on 1000 W Wf-lamp; NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, two male specimens on 1000 W Wf-lamp (leg. et coll. BESHKOV). Reported from Iba below Krraba 400 m (HEINICKE, 1965). Known also from Tirana, Fushë-Kuqe and Burreli (MISJA, 1976). Reported as *Herminia crinalis* TR. by REBEL & ZERNY (1931) from Kulla e Lumës; Bicaj; Tirana. Nowadays *Polypogon crinalis* (TREITSCHKE, 1829) is considered a bona species (CALLE, 1982; FIBIGER & HACKER, 1990).

Subfamily Hypeninae

Rhynchodontodes antiqualis (HÜBNER, [1809])

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, one female specimen on 1000 W Wf-lamp; NW Albania, Limaçi v. near East coast of the Shkodra lake, 05.VI.1992, one male specimen on 400 W petromax lamp (pl. 1, fig. 5) (leg. et coll. BESHKOV). Reported from

Kruma; Brutti [Brati]; Kulla e Lumës; Bicaj; Rogozhina (REBEL & ZERNY, 1931); Borshi south of Vlora [north of Saranda], Poliçani west of Tomorri; Iba below Krraba and Mali me Gropa, Livadhet e Selitaës 1000–1100 m (HEINICKE, 1965).

Subfamily Catocalinae

Catocala eutychea (TREITSCHKE, 1835)

S Albania, Gjirokastra district, Vrisera v. on the border to Greece, 08.VI.1992, one male specimen on 400 W petromax lamp (Gen. prep. 1, 02.IX.1993, BESHKOV); SW Albania, Dhërmi v. between Saranda and Vlora, 07.VI.1992, 2 ♀♀ on 400 W petromax lamp (leg. et coll. BESHKOV). There have been doubts whether it may belong to its closely related species *Catocala mariana* RAMBUR, 1858, occurring in Spain and Dalmatia, too (BERIO, 1991), but checking the male genitalia proved that it indeed belonged to *Catocala eutychea*. The valves are very asymmetric in both species, but in *eutychea* the apex of the right valva is large, rounded, similar to a full question mark turned to the right, in *Catocala mariana* the right valval apex being oblong, narrower. Reported from Oroshi in Mirdita; Vlora (REBEL & ZERNY, 1931).

Clytie syriaca (BUGNION, 1837)

Shkodra, 16.VIII.1975, determined as *Clytie illunaris* (HÜBNER, [1813]) (Gen. prep. 3, 15.VI.1992, BESHKOV). Tirana (leg. et coll. MISJA). Reported from Rogozhina (REBEL & ZERNY, 1931).

Dysgonia algira (LINNAEUS, 1767)

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, 1 ♂ on 1000 W Wf-lamp (leg. et coll. BESHKOV); Tirana, 19.VIII.1976, leg. ARENEI? (in coll. MISJA), (Gen. prep. 2, 15.VI.1992, BESHKOV, fig. 4). Known from Kulla e Lumës; Korabi; Shkodra; Tirana; Fusha e Mbretit; Durrësi (REBEL & ZERNY, 1931); Shkodra (MOUCHA, 1963a), Poliçani west of Tomorri, Durrësi and Shkodra (HEINICKE, 1965); Tirana, Marikaj (Tirana), Mamurrasi, Vora, Iba (Tirana), Lushnja, Lezha, Qarrishta (Librazhdi) and Divjaka (Lushnja) (MISJA, 1976).

Dysgonia torrida (GUENÉE, 1852)

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, one male specimen on 1000 W Wf-lamp (leg. et coll. BESHKOV) (Gen. prep. 3, 23.VIII.1993, BESHKOV); Marikaj, 27.VII.1973, one male specimen, determined as *Dysgonia algira* (L.) in coll. MISJA (Gen. prep. 1, 15.VI.1992, BESHKOV, fig. 5). New species for Albania.

Zethes insularis RAMBUR, 1833

South Albania: Butrinti, VI.1980 (leg. et coll. MISJA). New genus for the Albanian fauna.

Subfamily Nolinae

Meganola albula ([DENIS & SCHIFFERMÜLLER], 1775)

Tirana district, Botanical garden (Selita e vogël, Kopshti botanik), 02.VI.1992, one male specimen on 1000 W Wf-lamp (leg. et coll. BESHKOV). Reported from Shkodra and Thumana (REBEL & ZERNY, 1931).

Nola chlamytulalis (HÜBNER, [1813])

Tirana district, Botanical garden (Selita e vogël, Kopshti botanik), 02.VI.1992, one male specimen on 1000 W Wf-lamp; NW Albania, Lezha district, Kakarriqi v., 03.VI.1992, two specimens on 400 W petromax lamp; NW Albania, Limaçi v. near East coast of the Shkodra lake, 05.VI.1992, one male specimen on 400 W petromax lamp (leg. et coll. BESHKOV). Known from Tirana (REBEL & ZERNY, 1931).

Subfamily Chloephorinae

Xanthodes albago (FABRICIUS, 1794)

Tirana, IX.1985 (leg. et coll. MISJA). This subtropic cosmopolit is already reported from Tirana and Rogozhina as *Xanthodes malvae* ESP. (REBEL & ZERNY, 1931); Tirana (July 1972 and September 1973), Marikaj (Tirana) (July, 1972–1973), Divjaka (September 1972) and Golemi (Kavaja) (August 1973) under the name *Xanthodes malvae* ESP. (MISJA, 1976).

Subfamily Acronictinae

Acronicta psi (LINNAEUS, 1758)

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, 1 ♂ on 1000 W Wf-lamp (Gen. prep. 4, 23.VIII.1993, BESHKOV) (leg. et coll. BESHKOV). Reported from Tirana; Rogozhina; Miloti (REBEL & ZERNY, 1931); Tirana [Lamani, 1956] (HEINICKE, 1965). Reported also from Tirana, Marikaj (Tirana), Librazhdi and Qarrishta (Librazhdi) (MISJA, 1976).

Acronicta orientalis MANN, 1862

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, two male and three female specimens on 1000 W Wf-lamp; NW Albania, Limaçi v. near East coast of the Shkodra lake, 05.VI.1992, one male specimen on 400 W petromax lamp (leg. et coll. BESHKOV). Reported from Shkodra; Peqini (REBEL & ZERNY, 1931); Also known from Mali me Gropa, Livadhet e Selitës, 1000–1100 m (HEINICKE, 1965).

Subfamily Acontiinae

Zebeeba falsalis (HERRICH-SCHÄFFER, 1839)

NW Albania, Limaçi v. near East coast of the Shkodra lake 05.VI.1992, one male specimen on 400 W petromax lamp (pl. 1, fig. 6) (leg. et coll. BESHKOV). New genus for Albania.

Phyllophila obliterata (RAMBUR, 1833)

Tirana district, Botanical garden (Selita e vogël, Kopshti botanik), 02.VI.1992, 1 ♂ on 1000 W Wf-lamp; 6 km on the way from Tirana to Elbasani, 01.VI.1992, two male specimens on 400 W petromax lamp (leg. et coll. BESHKOV). New genus and species for Albania.

Odice suava (HÜBNER, [1813])

NW Albania, Limaçi v. near East coast of the Shkodra lake 05.VI.1992, one male specimen

on 400 W petromax lamp (leg. et coll. BESHKOV). Reported from Kishbardha near Vlora (REBEL & ZERNY, 1931); Tirana, Marikaj (Tirana), and Librazhdi (MISJA, 1976).

Eublemma purpurina ([DENIS & SCHIFFERMÜLLER], 1775)

S Albania, Gjirokastra district, Vrisera v. on the border to Greece, 08.VI.1992, one male specimen on 400 W petromax lamp (leg. et coll. BESHKOV). Known from Kulla e Lumës; Shkodra; Rogozhina; Peqini (REBEL & ZERNY, 1931); Qarrishta (Librazhdi) (MISJA, 1976).

Eublemma polygramma (DUPONCHEL, [1842])

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, 1 ♂ on 1000 W Wf-lamp (leg. et coll. BESHKOV). Reported also from Poliçani west of Tomorri (HEINICKE, 1965).

Rhypagla lacernaria (HÜBNER, [1813])

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, two female specimens on 1000 W Wf-lamp (pl. 1, fig. 7); S Albania, Gjirokastra district, Vrisera v. on the border to Greece, 08.VI.1992, one male specimen on 400 W petromax lamp (leg. et coll. BESHKOV). New genus for Albanian fauna.

Subfamily Plusiinae

Cornutiplusia circumflexa (LINNAEUS, 1767)

Fushë Kuqe, VI–VII. (leg. et coll. MISJA). New genus for Albania.

Abrostola triplasia (LINNAEUS, 1758) (= *Abrostola trigemina* (WERNEBURG, 1864), cf. MIKKOLA & HONEY, 1993)

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, one male specimen on 1000 W Wf-lamp (leg. et coll. BESHKOV). (Gen. prep. 5, 23.VIII.1993, BESHKOV). Reported as *Habrostola triplasia* L. [= *Abrostola tripartita* (HUFNAGEL, 1766)] from Shkodra and Thumana (REBEL & ZERNY, 1931); Gorrica (Korça) and Mbas Deje (MISJA, 1976).

Abrostola agnorista DUFAY, 1956

NW Albania, Lezha district, Kakarriqi v., 03.VI.1992 on 400 W petromax lamp (Gen. prep. 5, 30.VIII.1993, BESHKOV, fig. 7) one male specimen; NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, one female specimen on 1000 W Wf-lamp (Gen. prep. 10, 25.VIII.1993, BESHKOV). (leg. et coll. BESHKOV). New species for Albanian fauna.

Subfamily Cuculliinae

Calophasia platyptera (ESPER, [1788])

Fushë Kuqe, 3.VI.1982, one male specimen (leg. et coll. MISJA). (Gen. prep. 5, 15.VI.1992, BESHKOV) determined as *Calophasia hamifera* STAUDINGER, 1863 (det. MISJA); Tirana district, Botanical garden (Selita e vogël, Kopshti botanik), 02.VI.1992, 2 ♂♂ on 1000 W Wf-lamp (leg. et coll. BESHKOV). Reported from Kulla e Lumës (REBEL & ZERNY, 1931); Marikaj (Tirana); Vlora; Lezha; Durrësi; Mbas Deje; Bardhore (Kavaja) and Burreli (MISJA, 1976).

Omphalophana antirrhinii (HÜBNER, [1803])

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, one male specimen on 1000 W Wf-lamp; 6 km on the way from Tirana to Elbasani, 01.VI.1992, one male specimen on 400 W petromax lamp (leg. et coll. BESHKOV). Known from Bushtrica and Rogozhina (REBEL & ZERNY, 1931); Pashtrik [Beshtriku] (HEINICKE, 1965). Reported also from Tirana and Vloa (MISJA, 1976).

Omphalophana anatolica (LEDERER, 1857)

S Albania, Gjirokastra district, Vrisera v. on the border to Greece, 08.VI.1992, two male specimens on 400 W petromax lamp (leg. et coll. BESHKOV). Reported from Rogozhina (REBEL & ZERNY, 1931), Borshi south of Vloa [north of Saranda] and Poliçani west of Tomorri (HEINICKE, 1965).

Copiphana olivina (HERRICH-SCHÄFFER, 1852)

S Albania, Gjirokastra district, Vrisera v. on the border to Greece, 08.VI.1992, one male specimen on 400 W petromax lamp (leg. et coll. BESHKOV). Known from Kulla e Lumës; Bushtrica (REBEL & ZERNY, 1931); Borshi south of Vloa [north of Saranda]; Mali me Gropa, Livadhet e Selitës, 1000–1100 m (HEINICKE, 1965); Vloa and Llogara (MISJA, 1980).

Subfamily Heliothinae

Heliothis nubigera HERRICH-SCHÄFFER, 1851

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, one male and one female specimens on 1000 W Wf-lamp; S Albania, Gjirokastra district, Vrisera v. on the border to Greece, 08.VI.1992, one male specimen (leg. et coll. BESHKOV). Reported by MOUCHA (1963b) from Tirana as *Chloridea peltigera* SCHIFF. (HEINICKE, 1965); also from Tirana (MISJA, 1980). Known also from Durrësi and Tirana (HEINICKE, 1965).

Periphanes treitschkei (FRIVALDSZKY, 1835)

S Albania, Butrinti, 7.VI.1980, three specimens (leg. et coll. MISJA). New genus for Albania.

Subfamily Ipimorphinae

Paraestilbia armeniaca STAUDINGER, 1892

Jba, IX.1973; Vloa, 15.VII.1978 (leg. et coll. MISJA). New genus for Albanian fauna.

Hoplodrina ambigua ([DENIS & SCHIFFERMÜLLER], 1775)

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, one male specimen on 1000 W Wf-lamp (Gen. prep. 17, 23.VIII.1993, BESHKOV); Tirana district, Botanical garden (Selita e vogël, Kopshti botanik), 02.VI.1992, two female specimens on 1000 W Wf-lamp (leg. et coll. BESHKOV). Known from Kulla e Lumës; Rogozhina; Tirana; Shkodra (REBEL & ZERNY, 1931); Borshi south of Vloa [north of Saranda]; Poliçani west of Tomorri and Durrësi (HEINICKE, 1965); Tirana; Iba; Vloa; Korça; Berati, Qarrishta, Butrinti (MISJA, 1980).

Sesamia nonagrioides (LEFEBVRE, 1827)

Tirana, 11.VII.1972 leg. et coll. MISJA, one female specimen, determined as *Sideridis pal-lens* L. (det. MISJA); Fushë-Kuqe, 23.VIII.1972, one male specimen (pl. 1, fig. 8) (leg. MISJA, in coll. BESHKOV) (Gen. prep. 1, 19.VI.1992, BESHKOV, fig. 6), determined as *Sesamia cretica* LEDERER, 1857 (det. MISJA); Marikaj, VII.1975 (leg. et coll. MISJA). New species for Albania.

Chilodes maritima (TAUSCHER, 1806)

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, one male specimen on 1000 W Wf-lamp (pl. 1, fig. 9) (leg. et coll. BESHKOV). New genus for Albania.

Athetis hospes (FREYER, 1831)

6 km on the way from Tirana to Elbasani, 01.VI.1992, one ♀ on 400 W petromax lamp (Gen. prep. 8, 26.VIII.1993 BESHKOV) (leg. et coll. BESHKOV). New genus for Albania.

Mormo maura (LINNAEUS, 1758)

The report from Galicica Mt. (REBEL & ZERNY, 1931) is from the Macedonian part of the mountain (Republic of Macedonia). Known only from Vlora (MISJA, 1980).

Phlogophora scita (HÜBNER, 1790)

Near Tropoja town, Shkëlzeni Mt. VII.1977; Shkodra district, Seferçe, 09.VIII.1985 (leg. et coll. MISJA). New species for Albania.

Callopietria juvenina (STOLL, 1782)

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, two female specimens on 1000 W Wf-lamp; 6 km on the way from Tirana to Elbasani, 01.VI.1992, one male specimen on 400 W petromax lamp (leg. et coll. BESHKOV). Reported from Shkodra; Tirana; Durrësi; Vlora as *Eriopus purpureofasciatus* PILL. (REBEL & ZERNY, 1931); Shkodra (MOUCHA, 1963b); Iba below Krraba and Shkodra (HEINICKE, 1965); Tirana; Marikaj (Tirana), Mamurrasi; Vlora and Lezha (MISJA, 1976).

Callopietria latreillei (DUPONCHEL, 1827)

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, one male and one female specimens on 1000 W Wf-lamp (leg. et coll. BESHKOV). Known from Shkodra, October–November (REBEL & ZERNY, 1931) and Butrinti, June (MISJA, 1980).

Cosmia confinis HERRICH-SCHÄFFER, [1849]

S Albania: Butrinti, VIII.1976 (leg. et coll. MISJA). Reported as *Calymnia diffinis* ab. *confinis* H.-S. from Tirana and Rogozhina (REBEL & ZERNY, 1931).

Ammoconia senex (GEYER, [1828])

Tirana, XI.1975 (leg. et coll. MISJA). New genus and species for Albania.

Apamea sicula (TURATI, [1910])

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, one female specimen on 1000 W Wf-lamp (leg. et coll. BESHKOV). (pl. 1, fig. 10). This species is new for the Albanian fauna.

Apamea platinea (TREITSCHKE, 1825)

Vermoshi, Ujanik 10.7.1981, some specimens (leg. et coll. MISJA, one male in coll. BESHKOV). (pl. 1, fig. 11). (Gen. prep. 5, 19.VI.1992, BESHKOV). Reported for Bushtrica and Korabi Mt. (REBEL & ZERNY, 1931). Known also from Pashtrik [Beshtriku] and Korabi (HEINICKE, 1965); Qarrishta (MISJA, 1980).

Chortodes pygmina (HAWORTH, 1809)

Fushë-Kuqe, 28.VIII.1972, one male specimen (leg. MISJA, in coll. BESHKOV). (pl. 1, fig. 12) (Gen. prep. 4, 19.VI.1992, BESHKOV). Known from Rogozhina as *Tapinostola fulva* HB. (REBEL & ZERNY, 1931); Fushë-Kuqe; Vlora; Lushnja (MISJA, 1980).

Oria musculosa (HÜBNER, [1808])

S Albania, Gjirokastra district, Vrisera v. on the border to Greece, 08.VI.1992, 2 ♂♂ on 400 W petromax lamp (pl. 1, fig. 13) (leg. et coll. BESHKOV). New genus for Albania.

Subfamily Hadeninae

Hecatera cappa (HÜBNER, [1809])

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, one female specimen on 1000 W Wf-lamp; NW Albania, Limaçi v. near east coast of the Shkodra lake 05.VI.1992, one female specimen on 400 W petromax lamp (pl. 1, fig. 14) (leg. et coll. BESHKOV). New species for Albania.

Hadena luteago (DENIS & SCHIFFERMÜLLER, 1775)

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, one male specimen on 1000 W Wf-lamp; S Albania, Gjirokastra district, Vrisera v. on the border to Greece, 08.VI.1992, one male specimen on 400 W petromax lamp (leg and in coll. BESHKOV). Known from Kulla e Lumës (REBEL & ZERNY, 1931); Mali me Gropa, Livadhet e Selitës, 1000–1100 m (HEINICKE, 1965). Reported also from Mbas Deje; Lezha; Vlora and Qarrishta (MISJA, 1976).

Hadena tephroleuca asiatica (WAGNER, 1931)

Gram Dibër, 17.8.1986, one male specimen (pl. 1, fig. 15), (Gen. prep. 6, 15.VI.1992, BESHKOV, fig. 8) (leg. and det. MISJA as *Hadena tephroleuca* (BOISDUVAL, 1833), coll. BESHKOV). From Balkan Peninsula only known from one locality (Greece, N Nestos, Parane-stion) (HACKER, 1989). New species for Albanian fauna.

Mythimna sicula (TREITSCHKE, 1835)

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, one male specimen on 1000 W Wf-lamp (Gen. prep. 16, 23.VIII.1993, BESHKOV, fig. 10) (leg. et coll. BESHKOV). Known from Saranda (HEINICKE, 1965).

Mythimna scirpi (DUPONCHEL, 1836)

NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, nine male specimens (Gen. prep. 7–15, 23.VIII.1993, BESHKOV, fig. 9) and eight female specimens on 1000 W Wf-lamp (leg. et coll. BESHKOV). New species for Albania.

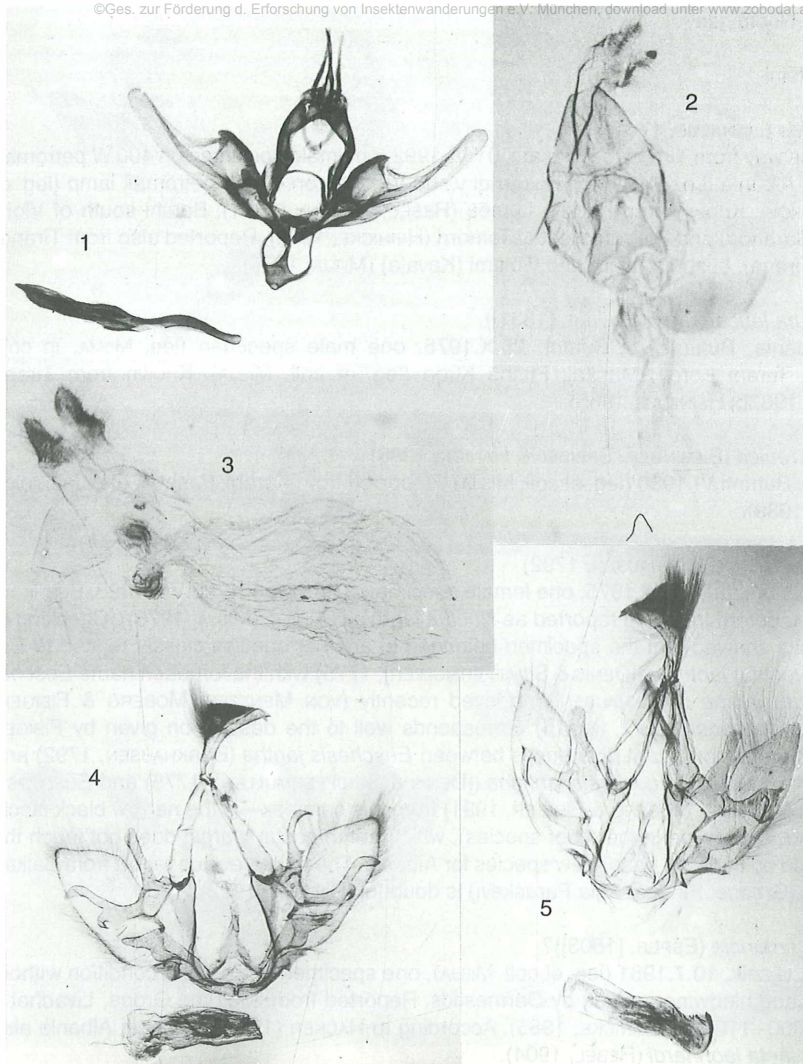


Fig. 1: *Chlorissa viridata* (L.), S Albania, Gjirokastra district, Vrisera v. on the border to Greece, 08.VI.1992, ♀, Gen. prep. 2, 30.VIII.1993, BESHKOV. Fig. 2: *Chlorissa cloraria* (Hb.), Tirana district, Botanical garden (Selita e vogël, Kopshti botanik), 02.VI.1992, ♀, Gen. prep. 3, 26.VIII.1993, BESHKOV. Fig. 3: *Chlorissa pulmentaria* (Gn.), NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, ♀, Gen. prep. 4, 25.VIII.1993, BESHKOV. Fig. 4: *Dysgonia algira* (L.), Tirana, 19.VIII.1976, ♂, Gen. prep. 2, 15.VI.1992, BESHKOV. Fig. 5: *Dysgonia torrida* (Gn.), Marikaj, 27.VII.1973, ♂, Gen. prep. 1, 15.VI.1992, BESHKOV.

Subfamily Noctuidae

Tribe Noctuini

Axylia putris (LINNAEUS, 1761)

6 km on the way from Tirana to Elbasani, 01.VI.1992, one male specimen on 400 W petromax lamp; NW Albania, Lezha district, Kakarriqi v., 03.VI.1992, on 400 W petromax lamp (leg. et coll. BESHKOV). Known from Kulla e Lumës (REBEL & ZERNY, 1931); Borshi south of Vlora [north of Saranda] and Poliçani west of Tomorri (HEINICKE, 1965). Reported also from Tirana; Marikaj (Tirana); Lushnja; Vlora and Golemi (Kavaja) (MISJA, 1976).

Ochropleura leucogaster (FREYER, [1831])

South Albania, Butrinti VI.; Butrint, 25.X.1975, one male specimen (leg. MISJA, in coll. BESHKOV); Turani Korça; Marikaj; Fushë Kuqe (leg. et coll. MISJA). Known from Tirana (MOUCHA, 1963b; HEINICKE, 1965).

Lampra tirrenica (BIEBINGER, SPEIDEL & HANIGK, 1983)

S Albania, Butrinti VI.1980 (leg. et coll. MISJA). Reported from Korabi; Pashtrik and Jablanica (HACKER, 1989).

Euschesis janthe (BORKHAUSEN, 1792)

Qarrishta (Librazhd), 8.VII.1975, one female specimen (Gen. prep. 1, 23.VIII.1993, BESHKOV) (coll. MISJA, determined and reported as *Noctua janthina* SCHIFF. (MISJA, 1976)). Checking of the genitalia showed that the specimen belonged to another species closely related to *Euschesis* (*Noctua*) *janthina* ([DENIS & SCHIFFERMÜLLER], 1775) with the forgotten name *Euschesis* (*Noctua*) *janthe* (BORKHAUSEN), retrieved recently (VON MENTZER, MOBERG & FIBIGER, 1991). Our specimen (pl. 1, fig. 16) corresponds well to the description given by FIBIGER (1993). The most important differences between *Euschesis janthe* (BORKHAUSEN, 1792) and another two species—*Euschesis janthina* ([DENIS & SCHIFFERMÜLLER], 1775) and *Euschesis tertia* (VON MENTZER, MOBERG & FIBIGER, 1991) from this complex—is the narrow black fascia on the hindwings (wide in the other species), which at the costal margin does not touch the black shade on the wing base. New species for Albania. The only previous report from Balkan peninsula (Greece: Pindos, Agia Paraskevi) is doubtful (HACKER, 1992).

Chersotis fimbriola (ESPER, [1803])?

Vermoshi, Ujanik, 10.7.1981 (leg. et coll. MISJA), one specimen in very bad condition without abdomen and hindwings, eaten by Dermestids. Reported from: Mali me Gropa, Livadhet e Selitës, 1000–1100 m (HEINICKE, 1965). According to HACKER (1989) occurs in Albania also *Chersotis laeta leonhardi* (REBEL, 1904).

Xestia triangulum (HUFNAGEL, 1766)

Vermoshi, Ujanik, 10.7.1981, one male specimen with a very dark ground color (Gen. prep. 7, 15.VI.1992, BESHKOV), (leg. et coll. MISJA), determined as *Diarsia brunnea* ([DENIS & SCHIFFERMÜLLER], 1775). *Xestia triangulum* (HUFNAGEL, 1766) is reported from: Mali me Gropa, Livadhet e Selitaës, 1000–1100 m (HEINICKE, 1965).

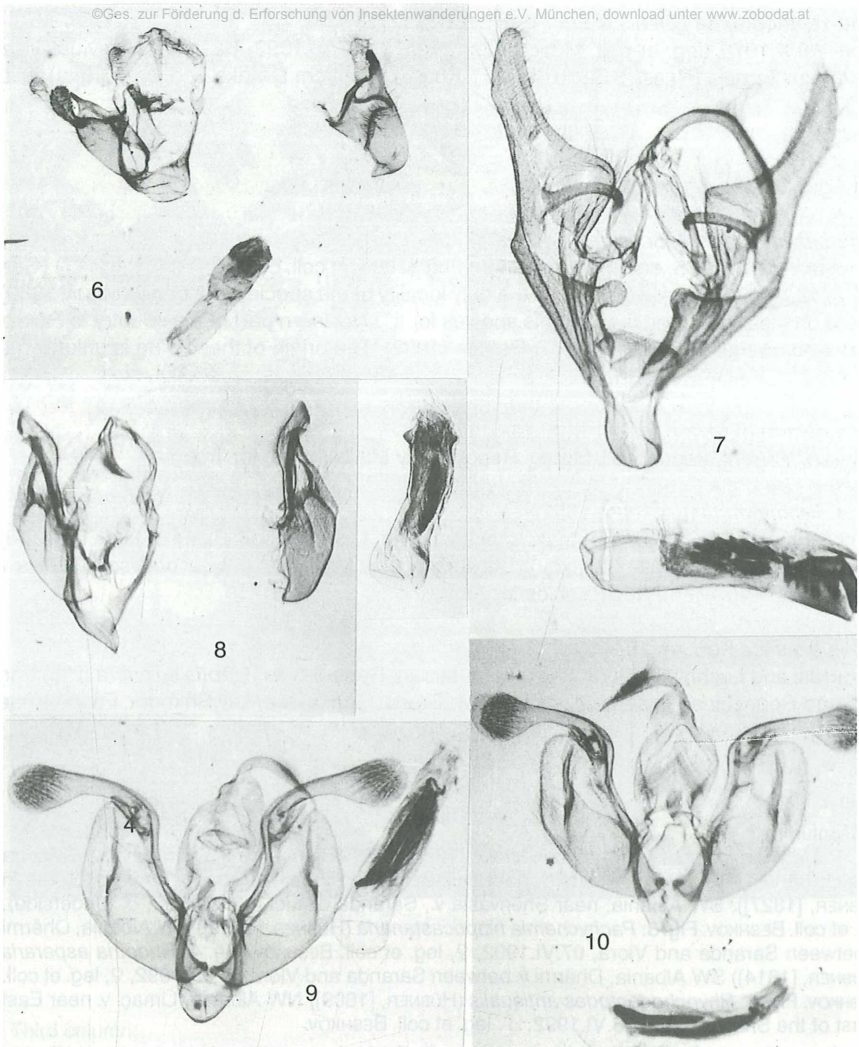


Fig. 6: *Sesamia nonagrioides* (LFB.), Fushë-Kuqe, 23.VIII.1972, ♂, Gen. prep. 1, 19.VI.1992, BESHKOV. Fig. 7: *Abrostola agnorista* DUFAY, NW Albania, Lezha district, Kakarriqi v., 03.VI.1992, ♂, Gen. prep. 5, 30.VIII.1993, BESHKOV. Fig. 8: *Hadena tephroleuca asiatica* (WAGNER), Gram Diber, 17.VIII.1986, ♂, Gen. prep. 6, 15.VI.1992, BESHKOV. Fig. 9: *Mythimna scirpi* (DUF.), NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, ♂, Gen. prep. 7-15, 23.VIII.1993, BESHKOV. Fig. 10: *Mythimna sicula* (TR.), NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, ♂, Gen. prep. 16, 23.VIII.1993, BESHKOV.

Xestia xanthographa ([DENIS & SCHIFFERMÜLLER], 1775)

Tirana, 10.X.1976 (leg. et coll. MISJA) (Gen. prep. 4, 15.VI.1992, BESHKOV). Previously reported from Tropoja (REBEL & ZERNY, 1931). Known also from Divjaka and Iba (Tirana) (MISJA, 1976).

Tribe Agrotini

Euxoa birivia ([DENIS & SCHIFFERMÜLLER], 1775)

Vermoshi, 15.VIII.1975, one male specimen (leg. MISJA, in coll. BESHKOV) (pl. 1, fig. 17) (Gen. prep. 2, 19.VI.1992, BESHKOV). This is the only locality of the species in Albania (MISJA, 1980). Marked on the distribution map for this species for the Northern part of the country in FIBIGER (1990) and on Fig. 30 in SVENDSEN & FIBIGER (1992). The origin of these data is unknown to us.

Euxoa decora ([DENIS & SCHIFFERMÜLLER], 1775)

Gasturan, VII–VIII, (leg. et coll. MISJA). Reported by MISJA (1980) for Tropoja.

Euxoa distinguenda (LEDERER, 1857)

Turani (Korça), 12.IX.1975, one male specimen (leg. MISJA, in coll. BESHKOV) (pl. 1, fig. 18). (Gen. prep. 3, 19.VI.1992, BESHKOV). Determined by MISJA as *Euxoa obelisca* ([DENIS & SCHIFFERMÜLLER], 1775). New species for Albania.

Agrotis biconica KOLLAR, 1844

Mamurrasi and Lushnja, VII–VIII (leg. et coll. MISJA). Reported as *Agrotis spinifera* (Hb.) from Miloti and Rogozhina (REBEL & ZERNY, 1931); Tirana; Gorica; Marikaj; Shkodra; Fushë-Kuqe; Butrinti (MISJA, 1980).

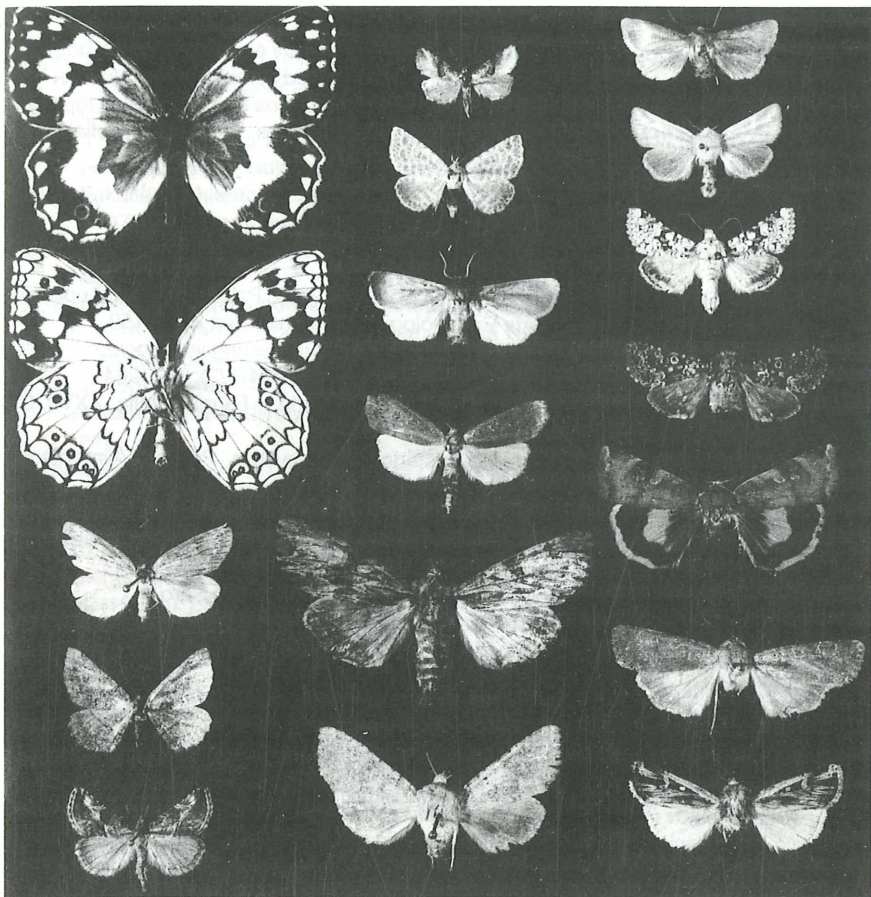
Plate 1

First column:

Fig. 1: *Melanargia larissa* (GEYER in HÜBNER, [1827]), SW Albania, near Shënvasia v., Saranda district, 08.VI.1992, ♂ (upperside), leg. et coll. BESHKOV. Fig. 2: *Melanargia larissa* (GEYER in HÜBNER, [1827]), SW Albania, near Shënvasia v., Saranda district, 08.VI.1992, ♂ (underside), leg. et coll. BESHKOV. Fig. 3: *Pachycnemis hippocastanaria* (HÜBNER, [1799]) SW Albania, Dhërmi v. between Saranda and Vlora, 07.VI.1992, ♀, leg. et coll. BESHKOV. Fig. 4: *Rhoptria asperaria* (HÜBNER, [1814]) SW Albania, Dhërmi v. between Saranda and Vlora, 07.VI.1992, ♀, leg. et coll. BESHKOV. Fig. 5: *Rhynchodontodes antiqualis* (HÜBNER, [1809]) NW Albania, Limaçi v. near East coast of the Shkodra lake, 05.VI.1992, ♂, leg. et coll. BESHKOV.

Second column:

Fig. 6: *Zebeeba falsalis* (HERRICH-SCHÄFFER, 1839) NW Albania, Limaçi v. near East coast of the Shkodra lake, 05.VI.1992, ♂, leg. et coll. BESHKOV. 7. *Rhypagla lacernaria* (HÜBNER, [1813]), NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, ♀, leg. et coll. BESHKOV. 8. *Sesamia nonagrioides* (LEFEBVRE, 1827), Fushë-Kuqe, 23.VIII.1972, ♂, (leg. MISJA, in coll. BESHKOV). 9. *Chilodes maritima* (TAUSCHER, 1806), NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, ♂, leg. et coll. BESHKOV. 10. *Apamea sicula* (TURATI, [1910]), NW Albania, West coast of the Shkodra lake, Zogaj v., 04.VI.1992, ♀, leg. et coll. BESHKOV. 11. *Apamea platinea* (TREITSCHKE, 1825), Vermoshi, Ujanik, 10.VII.1981, ♀ (leg. MISJA, in coll. BESHKOV).



Third column:

12. *Chortodes pygmina* (HAWORTH, 1809), Fushë-Kuqe, 28.VIII.1972, ♂, (leg. MISJA, in coll. BESHKOV). 13. *Oria musculosa* (HÜBNER, [1808]), S Albania, Gjirokastra district, Vrisera v. on the border to Greece, 08.VI.1992, ♀, leg. et coll. BESHKOV. 14. *Hecatera cappa* (HÜBNER, [1809]), NW Albania, Limaçi v. near East coast of the Shkodra lake, 05.VI.1992, ♀, leg. et coll. BESHKOV. 15. *Hadena tephroleuca asiatica* (WAGNER, 1931), Gram Diber, 17.VIII.1986, ♂, leg. MISJA, in coll. BESHKOV. 16. *Noctua janthe* (BORKHAUSEN, 1792), Qarrishta (Librazhd), 8.VII.1975, ♀, leg. MISJA, in coll. BESHKOV. 17. *Euxoa birivia* ([DENIS & SCHIFFERMÜLLER], 1775), Vermoshi, 15.VIII.1975, ♂, leg. MISJA, in coll. BESHKOV. 18. *Euxoa distinguenda* (LEDERER, 1857), Turani (Korça), 12.IX.1975, ♂, leg. MISJA, in coll. BESHKOV.

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