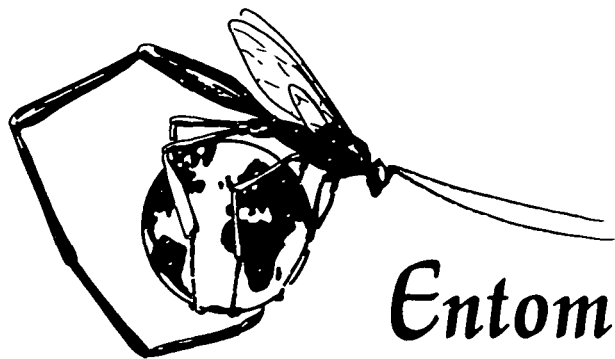




Entomofauna

ZEITSCHRIFT FÜR ENTOMOLOGIE

Band 5, Heft 33/1 ISSN 0250-4413 Linz, 20. Dezember 1984

Catalogue of the Bulgarian Bombyces and Sphinges
(Lepidoptera: Notodontidae, Dilobidae, Thaumetopoeidae, Ctenuchidae, Saturniidae, Endromidae, Lasiocampidae, Sphingidae, Hepialidae, Cossidae, Thyrididae, Limacodidae, Drepanidae, Thyatiridae, Lymantriidae, Arctiidae, Nolidae)

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Abstract

This paper is the Catalogue of *Bombyces* and *Sphinges* of Bulgaria. Exact records of this country divided into 4 major regions are given. 44 maps illustrate the distribution of 97 species. A bibliography of literature concerning the families dealt with concludes the catalogue.

Zusammenfassung

Die vorliegende Arbeit ist der Katalog der *Bombyces* und *Sphinges* von Bulgarien. Das Land wurde in vier Sektoren eingeteilt, aus denen die genauen Fundorte angegeben werden. Die Verbreitung von 97 Arten wird an Hand von 44 Karten veranschaulicht. Eine Bibliographie der

Literatur, in der die im Titel genannten Familien Erwähnung finden, beschließt den Katalog.

The geographical location of Bulgaria of the European continent determines its rich Lepidopteren fauna. Many species ranging in Asia Minor and the southern part of the Balkan peninsula are present in South Bulgaria.

The Bulgarian Macrolepidopteren fauna and specially the groups *Sphinges* and *Bombyces* have been extensively studied since the beginning of the 20th century. After the REBEL's catalog (1903) the catalog of BURESH and TULESHKOV: "Horizontal distribution of Lepidoptera in Bulgaria 1929-1943" is the most important publication. Many articles have been published since 1945. This catalog aims at incorporating all species known so far and their distribution as well. The materials of the Natural History Museum in Sofia including and the collections of KARNOŽITZKI and Dr. BOTCHAROV and some of the author's materials have been revised. The author's main collection containing over 4000 specimens collected mostly on Southwestern Bulgaria (the mountains of Vitosha, Osogovo, Rila, Pirin, Belasitza, the Zemen and Kressna gorges and Kožuch), Southern Bulgaria, the central and eastern Rhodopes is included too.

Families *Zygaenidae* and *Sesiidae* are not included.

Southwestern Bulgaria and particularly the mountains of Rila, Pirin, Osogovo and Vitosha as well as the Rhodopes, some parts of the Balkan (Stara planina) range, the Black Sea coast, Kressna and Zemen gorges have been extensively studied. Most of Northern Bulgaria, the Sredna gora mountain, the Trace lowland have not been studied thoroughly.

Four major regions are listed namely:

Southwestern Bulgaria incorporating the Kressna and Zemen gorges, the western outskirts, Sofia vicinities and the mountains of Rila, Pirin, Osogovo, Vitosha, Liulin, Plana, Lozen, Koniavo, Belasitza, Alibotush and Kožuch. This is the most interesting part of the country from a faunistic point of view.

South Bulgaria with the valleys just south of the Stara planina range, the Trace lowland and the mountains of Sredna gora, Rhodopi, Strandža and Sakar.

The Stara planina (Balkan) range from the western border to the Black Sea.

Northern Bulgaria, the northern Black Sea coast and the Danube plain.

Thanks: T.WITT (München), D.KIRIAKOV and Ch.LUKOV (Sofia), P.PETKOV VIDIN and A.POPOV (Nat.Hist.Museum Sofia).

Notodontidae STEPHENS, 1829

Phalera HÜBNER, [1819] 1816

1 *Phalera bucephala* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Osogovo mn. between 500 and 1650 m., Rila mn. (h.Skakavitza 1856 m., Kostenetz), Sofia, Vitosha mn. (Bunkera 730 m., Vladaja), Pančerevo, Liulin mn., Kressna gorge, Zemen gorge Skakavitza railway station Petrić, Kožuch near Petrić. S.Bulg.: Plovdiv, Rhodopi mn. (Belovo, mine Persenk 900 m., h.Belite brezi), Burgas, Strandža mn. Stara planina: Iskar gorge Bov, Sliven, Gabrovo. N.Bulg.: Baltchik.

Flight: In two generations: I 5-6, II 7-8.

2 *Phalera bucephaloides* (OCHSENHEIMER, 1810)

Distribution: (map 1) S.W.Bulg.: Rila mn., Zemen gorge Skakavitza, Pančerevo, Sofia, Kožuch, Kressna gorge. S.Bulg.: Strandža mn. Stara planina: Sliven. N.Bulg.: Varna, river Kamtchia.

Flight: From 6 to 8.

Cerura SCHRANK, 1802, (*Dicranura* auct.)

3 *Cerura vinula* (LINNAEUS, 1758)

Distribution: (map 2) S.W.Bulg.: Rila mn. (Borovetz, village Ovtchartzi), Sofia, Vitosha mn. (Bunkera, h.Brezite 1300 m.), Osogovo mn., Dvete reki 1000 m., Kressna gorge. S.Bulg.: Rhodopi mn. (Belovo, mine Persenk, Tchepele 1100 m.), Sredna gora mn., Plovdiv, Septemvri, Strandža mn. Stara planina: Iskar gorge, Sliven, Petrohan. N.Bulg.: Varna.

Flight: From 5 to beginning of 7.

4 *Cerura erminea* (ESPER, 1784)

Distribution: (map 2) N.Bulg.: Vidin.

Flight: 6, 7.

Furcula LAMARCK, 1816, (*Harpyia* auct.)

5 *Furcula furcula forficula* (FISCHER VON WALDHEIM, 1820)

Distribution: S.W.Bulg.: Sofia, Liulin mn., Vitosha mn. Bunkera, Alibotush mn. 1500 m., Osogovo mn. h.Osogovo 1640 m., Zemen gorge Skakavitza, Kressna gorge, Kožuch. S.Bulg.: Strandža mn., Svilengrad, Sredna gora mn., Rhodopi mn. (Devin, m.Persenk). Stara planina: Iskar gorge, Karlovo, Sliven. N.Bulg.: Razgrad, Kozlodui.

Flight: Two generations, 4-6 and 7-8.

6 *Furcula bifida* (BRAHM, 1787), (*hermelina* GOEZE, 1781)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. (h.Ban 1400 m., Bunkera), Osogovo mn. h.St.Kladenetz 1350 m., Koniavo mn. village Tavalitchevo, Zemen defile Skakavitza, Kressna gorge, Kožuch, village Prekolnitza. S. Bulg.: Sredna gora mn., Strandža mn. Stara planina: Petrohan. N.Bulg.: Evksinograd near Varna.

Flight: In mountain above 1200 m. one generation in 7. In low parts two generations, 5-6 and 7-9.

Stauropus GERMAR, 1812

7 *Stauropus fagi* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. (h.Ban, Bunkera), v.Prekolnitza, Koniavo mn. v.Ugliartzi, Belasitza mn. 730 m., Osogovo mn. h.Osogovo 1640 m., Rila mn., Pirin mn., Liulin mn. S.Bulg.: Rhodopi mn. (river Arda, h.Belite brezi 1000 m., h.Martziganitza 1350 m., Dvin, m.Persenk, pass Rožen 1450 m.), Strandža mn., Plovdiv, Panagiurište. Stara planina: Etropol cloister, Sliven. N.Bulg.: Varna, Evksinograd, Tárnovo, Smirnenski near Michailovgrad.

Flight: In mountain above 1200 m. from 6 to 7. In low parts two generations: I 4-6, II 7-9.

Dicranura REICHENBACH, 1817, (*Exaereta* HÜBNER, [1820])

8 *Dicranura ulmi* ([DENIS & SCHIFFERMÜLLER], 1775)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. Bunkera, Liulin mn., Kressna gorge, Zemen gorge Skakavitza, Koniavo mn. v.Ugliartzi, Kožuch. S.Bulg.: Strandža mn., Rhodopi mn. Kritchim. Stara planina: Iskar gorge, Sliven. N.Bulg.: Tárnovo, Varna, Evksinograd, Provadia.

Flight: One generation from 3 to 5.

Peridea STEPHENS, 1828, (*Notodonta* OCHSENHEIMER, 1810)

9 *Peridea anceps* (GOEZE, 1781), (*trepida* ESPER, 1786)

Distribution: (map 3) S.W.Bulg.: Zemen gorge Skakavitza, Kressna gorge, Sofia. S.Bulg.: Sakar mn., Strandža mn., Rhodopi mn. Kastakli, v.Buzovgrad near Kazanlak. Stara planina: Iskar gorge. N.Bulg.: Smirnenski, Varna.

Flight: One generation, 4-6.

10 *Peridea korbi* (REBEL, 1918) ssp.

Distribution: (map 3) S.W.Bulg.: Kressna gorge, Zemen gorge Skakavitza.

Flight: One generation, 4-5.

Notice: SLIVOV (1979) referred the Kressna gorge specimens to ssp. *herculana* POPESCU-GORJ. & CAPUSE, 1963. Kressna and Skakavitza specimens I studied are not fully covered by the description of ssp. *herculana*. More material is needed in order to make comparisons with ssp. *pinkeriana* WITT, [1974] 1972, from Anatolia, too.

Spatalia HÜBNER, [1819] 1816

11 *Spatalia argentina* ([DENIS & SCHIFFERMÜLLER], 1775)

Distribution: S.W.Bulg.: Kressna gorge, Alibotush mn., river Eleshnitsa near Petrić, Kožuch, Belasitsa mn., Rila mn. Kostenetz, Vitosha mn. Bunkera, v.Tzigrilovtzi near Trán, Pirin mn. Melnik, Osogova mn. between 500-1000 m. S.Bulg.: Strandža mn., Panagiurište, Stara Zagora, v.Varvara near Pazardžik, Plovdiv, Rhodopi mn. (Devin, m.Persenk, h.Belite brezi, Batak), Sakar mn., Primorsko. Stara planina: Sliven, west Balkan, Iskar gorge. N.Bulg.: Tárnovo, Varna, Evksinograd.

Flight: In two generations, 4-9.

Notodonta OCHSENHEIMER, 1810

12 *Notodonta dromedarius* (LINNAEUS, 1767)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. (h.Ban, Bunkera), Rila cloister, Liulin mn., Osogovo mn. between 500 and 1350 m., Kressna gorge, Trán. S.Bulg.: Rhodopi mn. h.Belite brezi, Strandža mn. Stara planina: Petrohan.

Flight: In mountains above 1200 m. one generation in 7. In low parts 1. generation 5-6, 2. generation 7-8.

Drymonia HÜBNER, [1819] 1816, (*Ochrostigma* HÜBNER, [1819] 1816)

13 *Drymonia dodonaea* ([DENIS & SCHIFFERMÜLLER], 1775), (*trimacula* ESPER, 1785)

Distribution: S.W.Bulg.: Belasitza mn. 400 m., Pirin mn., Liulin mn., Osogovo mn., Vitosha mn. Bunkera, Kressna gorge, Trán, Zemen gorge Skakavitza. S.Bulg.: Rhodopi mn. (Kritchim, m.Persenk), Strandža mn., Sakar mn., Stara Zagora. Stara planina: Iskar gorge, Petrohan, v. Iskretz, Belogradčik.

Flight: From 4 to 6 in dependency of altitude.

14 *Drymonia ruficornis grisea* TURATI, 1907, (*chaonia* [DENIS & SCHIFFERMÜLLER], 1775)

Distribution: S.W.Bulg.: Alibotush mn. 1000 m., Rila mn. Kostenetz, Liulin mn., Vitosha mn. Bunkera, Zemen gorge Skakavitza, Koniavo mn. v.Ugliartzi, Kressna gorge. S.Bulg.: Rhodopi mn. (Kritchim, m.Persenk), Strandža mn., Stara Zagora. Stara planina: Sliven, Karlovo, Iskar gorge. N.Bulg.: Russe.

Flight: One generation, 4-5.

15 *Drymonia querna* ([DENIS & SCHIFFERMÜLLER], 1775)

Distribution: (map 5) S.W.Bulg.: Rila mn., Liulin mn., Pirin mn. (h.G.Deltchev 1600 m., Gotze Deltchev, h.Begovitza 1740 m.), v.Prekolnitsa, Zemen defile Skakavitza, Osogovo mn. Dvete reki, Vitosha mn. Bunkera, Kressna gorge. S.Bulg.: Strandža mn., Sakar mn. Stara planina: Teteven, Sliven. N.Bulg.: Baltchik.

Flight: In low parts 2 generations, 5-6 and 7-8. In mountains 1 generation in 7-8.

16 *Drymonia melagona* (BORKHAUSEN, 1790)

Distribution: (map 4) S.W.Bulg.: Rila mn. (Kostenetz, Panitchiste 1450 m.), Belasitza mn., Liulin mn., Osogovo mn. between 1000 and 1400 m., Vitosha mn. Bunkera, v. Prekolnitsa, Pirin mn. Melnik. S.Bulg.: Rhodopi mn. (h. Belite brezi, m.Persenk), Strandža mn. Stara planina: Petrohan, Etropol cloister, Iskar gorge. N.Bulg.: Varna.

Flight: In mountains above 1000 m. One generation in 7. In low parts 2 generations: I 5-6, II 7-8.

17 *Drymonia velitaris* (HUFNAGEL, 1766)

Distribution: (map 4) S.W.Bulg.: Osogovo mn. Kiustendil, Rila mn. Kostenetz. S.Bulg.: Rhodopi mn. h. Belite brezi.

Flight: 5-6.

Paradrymonia KIRIAKOFF, 1967

18 *Paradrymonia vittata bulgarica* DE FREINA, [1983] 1982

Distribution: (map 5) S.Bulg.: Arcutino, Varna, Zlatni Pjassatzi, Strandža mn., Topolovgrad, Sakar mn., Burgas. N.Bulg.: Tárnovo.

Paradrymonia vittata streckfussi (HONRATH, 1892)

Distribution: (map 5) S.W.Bulg.: Zemen gorge, Skakavitza.

Flight: 1. generation in 5, 2. generation in 7.

Tritophia KIRIAKOFF, 1967

19 *Tritophia tritopha* ([DENIS & SCHIFFERMÜLLER], 1775),
(*phoebe* SIEBERT, 1790)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. Bunkera, Alibotush mn. 1000 m., Zemen gorge Skakavitza, Kressna gorge, Kožuch, Trán, Rila mn. Kostenetz, Pirin mn. Razlog. S.Bulg.: Rhodopi mn. (Belovo, m.Persenk, Tchepeleare), Strandža mn. Stara planina: Iskar gorge. N.Bulg.: Smirnenski.

Flight: 2 generations: I 4-5, II 7-8.

Harpyia OCHSENHEIMER, 1810, (*Hoplitis* HÜBNER, [1819] 1816),
(*Hybocampa* LEDERER, 1853)

20 *Harpyia milhauseri* (FABRICIUS, 1775)

Distribution: (map 1) S.W.Bulg.: Alibotush mn., Rila mn., Zemen gorge Skakavitza, Kressna gorge, Belasitza mn. 750 m. S.Bulg.: Strandža mn., Sakar mn., Rhodopi mn. Devin. Stara planina: Sliven. N.Bulg.: Varna, Provadia, Smirnenski.

Flight: From 4 to 7 in 2 generations in dependency from locality.

Pheosia HÜBNER, [1819] 1816

21 *Pheosia gnoma* (FABRICIUS, 1777)

Distribution: (map 6) S.W.Bulg.: Rila mn. Panitchište 1450 m.

Flight: In 7.

22 *Pheosia tremula* (CLERCK, 1759)

Distribution: (map 6) S.W.Bulg.: Sofia, Vitosha mn. (h.Ban, Bunkera), Rila mn. (Kostenetz, Panitchište), Zemen gorge Skakavitza, Osogovo mn. Dvete reki 1000 m., v.Prekolnitza, Kressna gorge, Kožuch. S.Bulg.: Strandža mn., Sakar mn., Rhodopi mn. Jundola. Stara planina: Iskar gorge, Petrohan, Etropol cloister. N.Bulg.: Evksinograd.

Flight: 2 generations: I 5-6, II 8-9. In mountains in 7.

Ptilophora STEPHENS, 1828

23 *Ptilophora plumigera* ([DENIS & SCHIFFERMÜLLER], 1775)

Distribution: S.W.Bulg.: Rila cloister 1200 m., Zemen gorge Skakavitza, Kressna gorge, Plana mn., Kokalians, Sofia, Vitosha mn. Bunkera. S.Bulg.: Rhodopi mn. Kritchim, Plovdiv, Strandža mn. Stara planina: Sliven, Iskar gorge. N.Bulg.: Varna, Provadia, Russe.

Flight: In 10-11. In Kritchim 11-1.

Euchila BILLBERG, 1820

24 *Euchila palpina* (CLERCK, 1759)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. Bunkera, Liulin mn., Osogovo mn. up to 1640 m., v.Prekolnitza,

Zemen gorge Skakavitza, Kressna gorge, Pirin mn. Melnik, Rila mn. Kostenetz, Trán. S.Bulg.: Rhodopi mn. Tchepe-lare, Strandža mn., Belasitza mn., Plovdiv, v.Buzovgrad, Svilengrad, Nesebar. Stara planina: Iskar gorge, Batul-lia. N.Bulg.: Razgrad, Varna, Evksinograd, Smirnenski, Silistra.

Flight: In 2 generations: I 4-5, II 7-9.

Ptilodon HÜBNER, 1822, (*Lophopteryx* STEPHENS, 1828)

25 *Ptilodon capucina* (LINNAEUS, 1758) (*camelina* LINNAEUS, 1758)

Distribution: S.W.Bulg.: Rila mn. (Borovetz, Panit-chište, Valiavitza, Kostenetz), Sofia, Vitosha mn. (Bun-kerá, h.Ban), Osogovo mn. between 1000 and 1640 m. S. Bulg.: Rhodopi mn. (m.Persenk, h.Martziganitza), Strand-ža mn., Alibotush mn. Stara planina: Sliven, v.Shipka, Petrohan, Iskar gorge, Etropol cloister.

Flight: In low parts 2 generations: I 5-6, II 7-8. In mountains above 1200 m. 1 generation in 6-7.

Ptilodontella KIRIAKOFF, 1967

26 *Ptilodontella cucullina* ([DENIS & SCHIFFERMÜLLER], 1775), (*cuculla* ESPER, 1786)

Distribution: (map 7) S.W.Bulg.: Sofia, Vitosha mn. Bunkera, Liulin mn., Zemen gorge Skakavitza. S.Bulg.: Primorsko, Strandža mn. Stara planina: Etropol cloister. N.Bulg.: Smirnenski.

Flight: From 5 to 8 in 2 generations.

Eligmodonta KIRIAKOFF, 1967

27 *Eligmodonta ziczac* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. (Bunkera, h.Ban), Rila mn., Pirin mn., Belasitza mn., Lozen mn., Osogovo mn. up to 1640 m., Koniavo mn. Tavalitchevo, Kressna gorge, Kožuch, Zemen gorge, v.Prekolnitza. S. Bulg.: Burgas, Strandža mn., Rhodopi mn. (m.Persenk, Tchepe-lare). Stara planina: Petrohan, Iskar gorge, Sli-ven. N.Bulg.: Varna.

Flight: 2 generations: I 4-6, II 7-8. In southern parts of S.W.Bulg. a 3. generation in 10.

Gluphisia BOISDUVAL, 1828

28 *Gluphisia crenata* (ESPER, 1785)

Distribution: (map 7) N.Bulg.: Kubrat, Srebarna.

Flight: In 6.

Clostera SAMOUELLE, 1819, (*Pygaera* auct.)

29 *Clostera curtula* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. (h.Ban, Bunkera), Liulin mn., v.Prekolnitsa, Kressna gorge, Zemen gorge Skakavitza, Kožuch, Trán, v.Tcigrilovtzi near Trán, Rila mn. Kostenetz, Osogovo mn. Dvete reki, v.Petárch near Sofia. S.Bulg.: Rhodopi mn. (Belovo, h.Belite brezi, m.Persenk, Devin), Plovdiv, Strandža mn., Iambol, Septemvri. Stara planina: Sliven, pass Arabakonak, Iskar gorge, h.Liuliaka. N.Bulg.: Razgrad, Varna, Evksinograd, Baltchik, Smirnenski.

Flight: In 2 generations: I 4-6, II 8-9.

30 *Clostera anachoreta* ([DENIS & SCHIFFERMÜLLER], 1775)

Distribution: S.W.Bulg.: Sofia, Vitosha mn., Rila mn. Kostenetz, Alibotush mn. 1400 m., Osogovo mn. Kiustendil. S.Bulg.: Rhodopi mn. Belovo, Strandža mn. Stara planina: Iskar gorge, v.Bárzia, Sliven, Kotel. N.Bulg.: Razgrad.

Flight: 2 generations: I 3-5, II 7-8.

31 *Clostera anastomosis* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, Vitosha mn., Zemen gorge Skakavitza, Osogovo mn. Dvete reki, Rila mn. Kostenetz. S.Bulg.: Rhodopi mn. Belovo, Strandža mn., Svilengrad. Stara planina: Sliven, Iskar gorge, W.Balkan. N.Bulg.: Razgrad, Srebarna.

Flight: In 2 generations: I 4-6, II 7-8.

32 *Clostera pigra* (HUFNAGEL, 1766)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. Bunkera, Liulin mn., Zemen gorge Skakavitza, Kressna gorge, Kožuch. S.Bulg.: Rhodopi mn. Belovo, Strandža mn. Stara planina: Sliven, h.Liuliaka, Iskar gorge. N.Bulg.: Varna.

Flight: In 2 generations from 4 to 9.

Rhegmaphila STANDFUSS, 1888

33 *Rhegmaphila alpina osmana* FRIEDEL, 1967

Distribution: (map 8) S.W.Bulg.: Kressna gorge. S. Bulg.: Rhodopi mn. river Lukovitza near Asenovgrad.
Flight: 5-6.

Dilobidae KIRIAKOFF, 1970

Diloba BOISDUVAL, [1837] 1834, (*Episema* auct.)

34 *Diloba caeruleocephala* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. Bunkera, Osogovo mn. Dvete reki, Breznik, Zemen gorge Skakavitza, Kressna gorge, Kožuch. S.Bulg.: South Black Sea coast, Strandža mn., Plovdiv, Rhodopi mn. (Belovo, Kritchim). Stara planina: Sliven, Iskar gorge. N.Bulg.: Russe, Razgrad, Varna, Baltchik, Evksinograd.
Flight: From end of 9 to 11.

Thaumetopoeidae REBEL, 1901

Traumatocampa WALLENGREN, 1871

35 *Traumatocampa pityocampa* ([DENIS & SCHIFFERMÜLLER], 1775)

Distribution: S.W.Bulg.: Sofia, Alibotush mn., Osogovo mn., v.Prekolnitza, Kressna gorge, Kožuch, Zemen gorge Skakavitza, Vitosha mn., Pirin mn. (Bansko, r.Eleshnitza). S.Bulg.: Rhodopi mn. up to 1600 m. Stara planina: Karlovo.

Flight: From 5 to 10.

Thaumetopoea HÜBNER, [1820] 1816

36 *Thaumetopoea processionea* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Kressna gorge, Zemen gorge Skakavitza, Kožuch. S.Bulg.: Strandža mn., Burgas. Stara planina: Sliven. N.Bulg.: Varna, river Kamtchia.

Flight: From 7 to 9.

37 *Thaumetopoea solitaria* (FREYER, 1838)

Distribution: (map 8) S.W.Bulg.: Kressna gorge. S.Bulg.:

Haskovo, Rhodopi mn. Asenovgrad, Plovdiv.

Flight: 8-9.

Ctenuchidae KIRBY, 1837

Syntomis OCHSENHEIMER, 1808, (*Amata* auct.)

38 *Syntomis phegea* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Rila mn (Borovetz, Kostenetz), Zemen gorge, Lozen mn., Osogovo mn., Liulin mn., Vitosha mn., Kressna gorge, Malashevska mn. S.Bulg.: Burgas, Strandža mn., Sredna gora mn., Rhodopi mn., Nesebar, Plovdiv. Stara planina: Iskar gorge, Vratza, Sliven. N. Bulg.: Varna, Lovetch, Tárnovo.

Flight: From 5 to 7 in one generation.

39 *Syntomis kruegeri marjana* STAUDER, 1913, *natio bulgarica* DANIEL, 1934

Distribution: S.W.Bulg.: Sofia, Vitosha mn., Kressna gorge, Kožuch, Zemen gorge, Alibotush mn., Petrić, Ogražden mn. S.Bulg.: Strandža mn., Stara Zagora, Plovdiv, Svilengrad, Rhodopi mn. (m.Persenk, Smolian, Batak, Asenovgrad, Belovo, Devin). Stara planina: Sliven, Batulia, Iskar gorge. N.Bulg.: Varna, Tárnovo, Svištov.

Flight: 5-6.

Dysauxes HÜBNER, [1819] 1816

40 *Dysauxes ancilla* (LINNAEUS, 1767)

Distribution: S.W.Bulg.: Vitosha mn., Sofia, Kožuch, Kressna gorge, Zemen gorge, Skakavitza, Alibotush mn., Rila cloister, Lozen mn., Liulin mn., Osogovo mn. S. Bulg.: Strandža mn., Svilengrad, Rhodopi mn. (m.Persenk, Belovo, Ilin vráh), Sredna gora mn. Stara planina: Iskar gorge, Sliven 1200 m. N.Bulg.: Razgrad, Russe, Varna.

Flight: From 5 to 9 in two generations.

41 *Dysauxes famula pontica* FRIESE, 1959, (= *sofiata* DE LAEVER, 1938)

Distribution: S.W.Bulg.: Belasitza mn., Kressna gorge, Zemen gorge, Skakavitza, Lozen mn. Kožuch. S.Bulg.: Burgas, Rhodopi mn. Belovo, Svilengrad, Nesebar, Strand-

ža mn. Stara planina: Sliven, Kalofer, Mezdra. N.Bulg.: Varna, Baltchik, Razgrad.

Flight: In 2 generations from 5 to 9.

Lemoniidae STAUDINGER & REBEL, 1901

Lemonia HÜBNER, [1820] 1816

– *Lemonia dumi* (LINNAEUS, 1761)

This species was not certainly recorded for Bulgaria. Reported as larva from Krupnik in the beginning of Kressna gorge. After many years of observations this species has not been found in the same region.

42 *Lemonia taraxaci* ([DENIS & SCHIFFERMÜLLER], 1775)

Distribution: (map 8) S.W.Bulg.: Rila mn. between 1400–2000 m., Kressna gorge, Kožuch. Stara planina: Sliven.

Flight: In Rila mn. in 8. In low parts 9–10.

43 *Lemonia balcanica* (HERRICH-SCHÄFFER, 1843)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. Bunkera, Ihtiman, Zemen gorge Skakavitza, Rila mn. (Dolna Banja, Kostenetz), Liulin mn., v.Tzigrilovtzi near Trán. S. Bulg.: Burgas, Aitos, Arkutino, Strandža mn., Rhodopi mn. (Kárdžali, pass Rožen, h.Martziganitza, v.P.Serafimovo, m.Persenk), Stara Zagora, v.Banja near Panagiurište. Stara planina: Sliven, Iskar gorge, h.Liuliaka, Karlovo. N.Bulg.: Provadia, Baltchik, Tárnovo, Varna, Evksinograd.

Flight: 9–10.

Saturniidae BOISDUVAL, [1837] 1834

Saturnia SCHRANK, 1802

44 *Saturnia pyri* ([DENIS & SCHIFFERMÜLLER], 1775)

Distribution: S.W.Bulg.: Sofia and its suburbs, Kressna gorge, Kožuch, Zemen gorge Skakavitza, Osogovo mn. Kiustendil, Alibotush mn., Liulin mn., Rila mn., Petrić, Sandanski. S.Bulg.: Burgas, Aitos, Strandža mn., Rhodopi mn. (Belovo, Kritchim, m.Persenk), Harmanli, Plovdiv, Tchirpan, Stara Zagora. Stara planina: Sliven, Iskar gorge, Kalofer. N.Bulg.: Mihailovgrad, Lovetch, Tárnovo,

Razgrad, Varna, Evksinograd, Baltchik.

Flight: From 4 to 6.

Eudia JORDAN, 1911

45 *Eudia pavonia* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia and its suburbs, v.Krapetz, Liulin mn., Zemen gorge Skakavitza, Koniavo mn. v.Tavalitchevo, Kožuch. S.Bulg.: Burgas, Strandža mn., Rhodopi mn. (Belovo, Tchepelare), Sredna gora mn. Koprivstizza. Stara planina: Sliven, Iskar gorge, v.Shipka. N.Bulg.: Varna, Tárnovo, Razgrad.

Flight: 3-4.

46 *Eudia spini* ([DENIS & SCHIFFERMÜLLER], 1775)

Distribution: S.W.Bulg.: Kostinbrod, Kressna gorge, Alibotush mn., Sofia and its suburbs, Samokov, Liulin mn., Vakarel. S.Bulg.: Rhodopi mn. (Kritchim, Belovo, Kostenetz), Aitos, Burgas, Sredna gora mn. Panagiurište. Stara planina: Sliven, Iskar gorge, v.Shipka. N.Bulg.: Pleven, Tárnovo, Russe, Razgrad, Varna.

Flight: 3-4.

Perisomena WALKER, 1855

47 *Perisomena caecigena* (KUPIDO, 1825)

Distribution: (map 9) S.W.Bulg.: Sofia, Kiustendil, Zemen gorge Skakavitza, Kressna gorge. S.Bulg.: Strandža mn., river Ropotamo, Kazanlák, Rhodopi mn. (Iakoruda, Belovo, Kárdžali, r.Lukovitza, Naretchen). Stara planina: Iskar gorge, Karlovo, Sliven, h.Liuliaka. N.Bulg.: Tárnovo, Varna, Evksinograd.

Flight: 9-10.

Aglia OCHSENHEIMER, 1810

48 *Aglia tau* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Osogovo mn. Dvete reki, Rila mn. (Kostenetz, Bistritza), Vitosha mn., Liulin mn. S. Bulg.: Strandža mn., Rhodopi mn. (v.P.Serafimovo, Kritchim, Belovo, Batchkovo), Sredna gora mn. (Koprivstizza, Panagiurište). Stara planina: Sliven, pass Shipka, v. Poibrene. N.Bulg.: Razgrad.

Flight: 4-5.

***Endromidae* BOISDUVAL, 1828**

Endromis OCHSENHEIMER, 1810

49 *Endromis versicolora* (LINNAEUS, 1758)

Distribution: (map 9) S.W.Bulg.: Vitosha mn. 1300 m., Kressna gorge, Rila mn., Sofia. S.Bulg.: Rhodopi mn. Belovo.

Flight: From 3 to end of 5.

***Lasiocampidae* HARRIS, 1841**

Poecilocampa STEPHENS, 1828

50 *Poecilocampa populi* (LINNAEUS, 1758)

Distribution: (map 10) S.W.Bulg.: Sofia, Liulin mn., Vitosha mn. (Bunkera, h.Ban 1400 m), Zemen gorge Skakavitza, Osogovo mn. Dvete reki 1000 m. S.Bulg.: Rhodopi mn. (Kritchim, P.Serafimovo, Batak). Stara planina: Karlovo. N.Bulg.: Varna.

Flight: In one generation from end of 9 to 11.

51 *Poecilocampa alpina* (FREY & WULLSCHLEGEL, 1874)

Distribution: (map 10) S.W.Bulg.: Kostinbrod near Sofia, Zemen gorge Skakavitza. Stara planina: Village Iskretz west St.planina.

Flight: One generation 10-11.

Trichiura STEPHENS, 1828

52 *Trichiura crataegi* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Lozen mn. German cloister, Liulin mn., Sofia, Vitosha mn. Bunkera, Zemen gorge Skakavitza, Rila mn. (river Bistritza, Borovetz), village Prekolnitsa, village Zigrilovtzi near Trán. S.Bulg.: Stara Zagora, Sredna gora mn. gara Stambolovo, Rhodopi mn. Kárdzali. Stara planina: Iskar gorge, village Dálbok dol near Trojan, Sliven. N.Bulg.: Varna.

Flight: One generation in 8-9.

Notice: Exempliaries reported from (SLIVOV 1976) for

Strandža mn. in X-XI, probably belong to *Trichiura verena witti* GANEV, 1981, because *Trichiura crataegi* flies in VIII-IX and *Trichiura verena* in X-XI. There was no possibility to see this material.

53 *Trichiura verena witti* GANEV, 1981

Distribution: (map 11) S.W.Bulg.: Zemen gorge Skakavitza. S.Bulg.: Rhodopi mn. P.Serafimovo, ? Strandža mn. N.Bulg.: Varna.

Flight: 10-11.

Eriogaster GERMAR, 1810

54 *Eriogaster lanestris* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, Liulin mn., Vitosha mn. (Tchernia kos, Bunkera), Lozen mn., Rila mn. Kostenetz, Kožuch near Petritch, Zemen gorge Skakavitza. S.Bulg.: Plovdiv, Rhodopi mn. Belovo, Burgas, Stranža mn. Stara planina: Sliven. N.Bulg.: Ruse, Vidin.

Flight: From 3 to beginning of 5.

55 *Eriogaster rimicola* ([DENIS & SCHIFFERMÜLLER], 1775)

Distribution: (map 12) S.W.Bulg.: Vitosha mn., v.Pre-kolnitsa, Zemen gorge Skakavitza. S.Bulg.: v.Turia near Kazanlák, Rhodopi mn. (Batchkovo cloister, P.Serafimovo), Strandža mn. Stara planina: Karlovo. N.Bulg.: Varna.

Flight: 10-11.

56 *Eriogaster catax* (LINNAEUS, 1758)

Distribution: (map 12) S.W.Bulg.: Sofia, Vitosha mn. Bunkera, Liulin mn. Samokov, Kožuch. S.Bulg.: Plovdiv, Rhodopi mn. P.Serafimovo. Stara planina: Sliven.

Flight: From 9 to 10.

Malacosoma HÜBNER, [1820] 1816

57 *Malacosoma neustrium* (LINNAEUS, 1758)

Distribution: In the whole country up to 1000 m. but more often in the oak zone.

Flight: One generation from 6 to 8.

58 *Malacosoma castrensis* (LINNAEUS, 1758)

Distribution: (map 13) S.W.Bulg.: Sofia, Lozen mn. German cloister, Liulin mn., Zemen gorge Skakavitza,

Petritch, Alibotush mn. S.Bulg.: Rhodopi mn. Jakoruda. Stara planina: Sliven. N.Bulg.: Varna, Tárnovo.

Flight: One generation, 6-7.

59 *Malacosoma franconicum* ([DENIS & SCHIFFERMÜLLER], 1775)

Distribution: (map 13) S.W.Bulg.: Lozen mn. German cloister. S.Bulg.: M.Tárnovo, Strandža mn. Stara planina: Sliven. N.Bulg.: Varna.

Flight: 7-8.

Lasiocampa SCHRANK, 1802, (*Pachygastria* HÜBNER, [1820])

60 *Lasiocampa trifolii* ([DENIS & SCHIFFERMÜLLER], 1775)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. Bunkera, Trán, Lozen mn. German cloister, Rila mn. (Kostenetz, Borovetz), Kressna gorge, Zemen gorge Skakavitza, Kiu-stendil, Kožuch. S.Bulg.: Rhodopi mn. (Batchkovo cloister, mine Persenk, Pass Rožen 1450 m., Belovo), Sredna gora mn. gara Stambolovo, Harmanli, Sozopol, Burgas, Strandža mn., Aitos. Stara planina: Sliven, Kalofer cloister, Karlovo, Iskar gorge. N.Bulg.: Varna, Evksinograd, Ruse.

Flight: From 7 to 9.

61 *Lasiocampa grandis* (ROGENHOFER, 1891)

Distribution: (map 14) S.Bulg.: Svilengrad, Maslen nos, Nessebar. Stara planina: Sliven. N.Bulg.: Varna, v. Dalgopol.

Flight: 7-8.

62 *Lasiocampa eversmanni* (EVERSMAN, 1843)

Distribution: (map 14) S.Bulg.: Nessebar.

Flight: 9-10.

63 *Lasiocampa quercus* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. (v.Bistri-tza, v.Dragalevtzi), Lozen mn. German cloister, Liulin mn., Poganovski cloister near Trán, Osogovo mn. (Dvete reki, v.Gárljano, h.Osogovo, Kiunek 1950 m., Ruen 2251 m.), Rila mn. (Kostenetz, Borovetz, Rila cloister), Pirin mn. Banderitza 1600 m., Samokov. S.Bulg.: Svilengrad, Strandža mn., v.Stárkovo near Pazardžik, Rhodopi mn. (Belovo, Kritchim, h.Orfei, v.Dedovo, Tchepelare, m. Persenk), Burgas. Stara planina: top Kom, top Botev

(Jumruk tchal), Kalofer cloister, Lovetch, Iskar gorge, Petrohan. N.Bulg.: Varna, Lom, Târgoviste, Razgrad, Baltchik, Silistra, v.Džuljuntzi near Gorna Orjahovitza, Vidin.

Flight: One generation from 6 to 8.

Macrothylacia RAMBUR, 1866

64 *Macrothylacia rubi* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Lozen mn. German cloister, Vakarel, Sofia, Liulin mn., Vitosha mn. Bunkera, r. Elshnitza near Petritch, Kožuch, Osogovo mn. (h.St.Kladenetz, h.Osogovo 1640 m.), Alibotush mn., Kressna gorge, Zemen gorge Skakavitza, Trán, Rila mn. Borovetz, v.Dolna Dikanja. S.Bulg.: Rhodopi mn. (Smolian, Belovo, P. Serafimovo, h.Martzigianitza 1350 m., Devin, Batchkovo, h.Belite brezi, m.Persenk, Tchepeleare), Strandža mn. Burgas, gara Stambolovo Sredna gora, v.Banja near Panagjuriste, v.Buzovgrad near Kazanlák, Stara Zagora. Stara planina: Sliven, Iskar gorge. N.Bulg.: Razgrad, Tarnovo, Evksinograd, Vidin.

Flight: From 5 to 7 in one generation.

Pachypasa WALKER, 1855

65 *Pachypasa otus* (DRURY, 1773)

Distribution: (map 11) S.W.Bulg.: Kressna gorge. S. Bulg.: Rhodopi mn. (Belovo, Kritchim), between Jambol and Sliven. N.Bulg.: Varna, suburb of Provadia.

Flight: From 7 to 9.

Dendrolimus GERMAR, 1811

66 *Dendrolimus pini* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. Bunkera, Rila mn. (Borovetz, Bistritza, Sitnjakovo 1700 m., Kostenetz, Panitchiste), v.Prekolnitza, Zemen gorge Skakavitza, Kressna gorge, Osogovo mn. up to 1640 m., Alibotush mn. S.Bulg.: Rhodopi mn. (P.Serafimovo, h.Belite brezi, v.Manastir, Tchepeleare, pass Rožen).

Flight: One generation from 6-8.

Phyllodesma HÜBNER, [1820] (*Epicnaptera* RAMBUR, 1866)

67 *Phyllodesma ilicifolia* (LINNAEUS, 1758)

Distribution: (map 15) S.W.Bulg.: Kressna gorge, h. Belasitza. S.Bulg.: Rhodopi mn. Elidere, v. Turia near Kazanlak.

Flight: 4-6.

68 *Phyllodesma tremulifolia* (HÜBNER, [1803-1808])

Distribution: S.W.Bulg.: Vitosha mn. (h. Ban, Bunkera), Liulin mn., v. Prekolnitsa, Kressna gorge, Zemen gorge Skakavitza, v. Dolna Dikanja, Kožuch, Alibotush mn., Rila mn. (Kostenetz, Rila cloister), Osogovo mn. Dvete reki, Melnik, Belasitza mn. h. Belasitza. S.Bulg.: Rhodopi mn. (m. Persenk, h. Belite brezi), Plovdiv, Stara Zagora, v. Banja near Panagiuriste, Strandža mn., Nessebar. Stara planina: Iskar gorge. N.Bulg.: Varna.

Flight: In two generations from 4 to 9 in dependency from locality.

Gastropacha OCHSENHEIMER, 1810

69 *Gastropacha quercifolia* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, Lozen mn. German cloister, Vitosha mn. (v. Bistritza, Bunkera), Liulin mn., Osogovo mn. Kiustendil, v. Prekolnitsa, Samokov, Alibotush mn. 750-1500 m., Rila mn. Kostenetz, Zemen gorge Skakavitza, Kressna gorge, Kožuch. S.Bulg.: Burgas, Nessebar, Aitos, Strandža mn., Topolovgrad, Svilengrad, Sakar mn., Plovdiv, v. Stárkovo near Pazardžik, Nova Zagora, Rhodopi mn. (m. Persenk, v. Parvenetz, P. Serafimovo), v. Pavel Banja near Kazanlak, Panagjuriste, v. Buzovgrad near Kazanlak, Kazanlak, v. Shipka, gara Stambulovo near Ichtiman. Stara planina: Sliven, Iskar gorge, Drianovo cloister. N.Bulg.: Evksinograd, Varna, Svistov, Tarnovo, Lovetch, Baltchik, v. Váglevtzi near Tárnovo.

Flight: In two generations from 6 to 9.

70 *Gastropacha populifolia* (ESPER, 1783)

Distribution: (map 15) S.W.Bulg.: Sofia. N.Bulg.: Silistra, v. Belena.

Flight: 8-9.

Odonestis GERMAR, 1811

71 *Odonestis pruni* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, v.Gorubljanе near Sofia, Vitosha mn. Bunkera, Lozen mn. German cloister, Liulin mn., Osogovo mn. Dvete reki, v.Prekolnitsa, Kressna gorge, Zemen gorge Skakavitza, Kožuch. S.Bulg.: Burgas, Strandža mn., Nessebar, Rhodopi mn. m.Persenk, Septemvri, v.Buzovgrad near Kazanlak, v.Turia near Kazanlak. Stara planina: Sliven, Iskar gorge. N.Bulg.: Ruse, Tárnovo, Lovetch, Razgrad, Evksinograd, Varna, Smirnenski, Silistra, v.Ivanski near Shumen.

Flight: In two generations from 5 to 9.

Sphingidae LATREILLE, 1805

Agrius HÜBNER, [1819] 1816, (*Herse* AGASSIZ, 1846)

72 *Agrius convolvuli* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, Lozen mn. German cloister, Božurište, Liulin mn., Rila mn. (Borovetz, Kostenez), Osogovo mn. (h.Osogovo, Kiustendil), Vitosha mn., v.Prekolnitsa, Zemen gorge Skakavitza, Kressna gorge, Kožuch. S.Bulg.: Burgas, Strandža mn., Plovdiv, Stara Zagora, Rhodopi mn. (h.Belite brezi, pass Rožen, Tchepe-lare, Belovo), top Eledžik Sredna gora mn. Stara planina: Sliven, top Tchumerna, Karlovo, Iskar gorge, Petrochan, Klisura cloister, Etropol cloister. N.Bulg.: Ruse, Lovetch, Tárnovo, Razgrad, Varna, Novi Pazar, Baltchik, Smirnenski, Silistra, Vidin, Evksinograd.

Flight: From 5 to 10 in two generations.

Acherontia LASPEYRES, 1809

73 *Acherontia atropos* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. (h.Ban, Bunkera), Kožuch, Kressna gorge, Kiustendil, Rila mn. Borovetz. S.Bulg.: Plovdiv, v.Vetren near Pazardžik, Nessebar, gara Stambolovo, Rhodopi mn. (Belovo, Tchepe-lare, Devin, Hvoina), Burgas, Aitos, Karnobat. Stara planina: Sliven, v.Shipka, Kalofer cloister, v.Tchurek, Iskar gorge Etropol cloister, Petrohan. N.Bulg.: Niko-

pol, v.Orjahovo, Vidin, Baltchik, Varna, Evksinograd, Razgrad, Ruse, Lovetch.

Flight: Single specimens come from south in 5-6. These specimens drop eggs and give a generation in 8-9, sometimes a rare 3rd generation in 10-11.

Sphinx LINNAEUS, 1758

74 *Sphinx ligustri* LINNAEUS, 1758

Distribution: S.W.Bulg.: Sofia, Liulin mn., Vitosha mn. (Zlatnite mostove, Bunkera), Kressna gorge, v.Dolna Dikanja, Zemen gorge Skakavitza, v.Prekolnitsa, Osogovo mn. h.Osogovo 1640 m. S.Bulg.: Rhodopi mn. (m.Persenk, h.Martziganitsa, Belovo), Burgas, Strandža mn., Plovdiv. Stara planina: Sliven, Iskar gorge, Karlovo. N.Bulg.: Varna, Evksinograd, Baltchik.

Flight: One generation, 5-7.

Hyloicus HÜBNER, [1819]

75 *Hyloicus pinastri* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. (Dragalevski cloister, Bunkera), v.Prekolnitsa, Kressna gorge, Zemen gorge Skakavitza, Predela, Alibotush mn., Osogovo mn. (Dvete reki, h.Osogovo), Rila mn. (Borovetz, Panitchiste, h.Valjavitsa). S.Bulg.: Rhodopi mn. (P.Serafimovo, h.Belite brezi, v.Manastir, m.Persenk, Tchepelare, h.Martziganistza, pass Rožen). Stara planina: Sliven.

Flight: 1st generation 5-6, 2nd generation 7-8.

Dolbina STAUDINGER, 1887

76 *Dolbina elegans steffensi* POPESCU-GORJ, 1971

Distribution: (map 16) S.Bulg.: Nessebar, Arcutino.

Flight: In 7.

Marumba MOORE, 1882, (*Smerinthus* LATREILLE, [1802])

77 *Marumba quercus* ([DENIS & SCHIFFERMÜLLER], 1775)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. Bosnek, Alibotush mn., Kressna gorge, Zemen gorge Skakavitza, Kožuch, Pirin mn. Melnik. S.Bulg.: Strandža mn. Stara planina: Sliven, Iskar gorge. N.Bulg.: Razgrad, Tárnovo,

Varna, Evksinograd, between Gorna Orjahovitza and Ljaskovetz, Smirnenski, Provadia, Vidin.

Flight: One generation, 5-7.

Mimas HÜBNER, [1819] 1816

78 *Mimas tiliae* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, v.Gorubljan, Vitosha mn. (Bunkera, h.Ban), Osogovo mn. h.St.Kladenetz, Liulin mn., Rila mn. Kostenetz, Konjavo mn. v.Tavalitchevo, Kressna gorge, Zemen gorge Skakavitza, Kožuch, Trán. S.Bulg.: Rhodopi mn (Kritchim, Belovo, h.Belite brezi, m.Persenk, pass Rožen), Strandža mn., Sakar mn., v.Zvanitchevo near Pazardžik, Plovdiv. Stara planina: Sliven, Kalofer cloister, v.Iskretz, Iskar gorge. N.Bulg.: Razgrad, Tárnovo, Evksinograd, Varna, Smirnenski, Vidin.

Flight: 1st generation 5-6, 2nd generation 7-8.

Smerinthus LATREILLE, [1802]

79 *Smerinthus ocellatus* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. Bunkera, Osogovo mn. h.Osogovo, Liulin mn., v.Prekolnitza, Kressna gorge, Zemen gorge Skakavitza, Kožuch. S.Bulg.: Rhodopi mn. Belovo, Nessebar, Strandža mn., Plovdiv. Stara planina: Sliven, Iskar gorge. N.Bulg.: Razgrad, Tárnovo, Evksinograd, Varna Baltchik, v.Belene near Pleven, Smirnenski, Vidin.

Flight: In 3 generations: I 4-5, II 6-7, III 8-9.

Laothoe FABRICIUS, 1807, (*Smerinthus* LATREILLE, [1802]), (*Amorpha* HÜBNER, [1806])

80 *Laothoe populi* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, Lozen mn. German cloister, Vitosha mn. Bunkera, Liulin mn. Bankja, Osogovo mn. (Dvete reki, h.St.Kladenetz), Pirin mn. Melnik, Zemen gorge Skakavitza, v.Prekolnitza, Kožuch, Kressna gorge, Rila mn. Panitchiste. S.Bulg.: Burgas, Strandža mn., Nessebar, Sozopol, Rhodopi mn. (Belovo, h.Belite brezi, m.Persenk), gara Stambolovo, Panagiuriste, Plovdiv. Stara planina: Sliven, Iskar gorge. N.Bulg.: Pleven, Tárnovo, Razgrad, Evksinograd, Varna, Silistra, Vidin.

Flight: In 3 generations: I 5-6, II 7-8, III 9.

Hemaris DALMAN, 1817, (*Macroglossum SCOPOLI*, 1777)

81 *Hemaris tityus* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, Lozen mn. German cloister, Vitosha mn. (h.Ban, Dragalevski cloister), Rila mn. (river Bistritza 1300-1800 m., Sitnjakovo 1700 m., Rila cloister, Kostenetz), Pirin mn. River Bänderitza, Alibotush mn. S.Bulg.: Rhodopi mn. Tchaira, v.Brezovo near Plovdiv. Stara planina: top Kom 1800 m., Sliven, Kalofer ski balkan, Iskar gorge, top Murgash 1200 m. N.Bulg.: Lovetch, Tárnovo.

Flight: 1st generation 5-6, 2nd generation 8-9.

82 *Hemaris fuciformis* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Vitosha mn. (Bunkera, Dragalevski cloister, h.B.brezi), Rila mn. (Rila cloister, Ovnarsko 1300 m., Borovetz 1400 m., Sitnjakovo 1700 m., Musala lakes 2000 m., Sara giol 1800 m., Kostenetz), Alibotush mn. up to 1600 m. S.Bulg.: Sredna gora mn. (Panagiurište, top Bratia). N.Bulg.: Tárnovo.

Flight: One generation in 5-6.

83 *Hemaris croatica* (ESPER, 1779)

Distribution: (map 16) S.W.Bulg.: Kressna gorge, Sandanski. S.Bulg.: Svilengrad, Kazanlák. Stara planina: Sliven. N.Bulg.: Varna.

Flight: Two generations: I 5-6, II 7-8.

Macroglossum SCOPOLI, 1777

84 *Macroglossum stellatarum* (LINNAEUS, 1758)

Distribution: Widely distributed in the whole country.

Flight: 1st generation 5-7, 2nd generation 9, winter 4.

Proserpinus HÜBNER, [1819] 1816, (*Pterogon BOISDUVAL*, [1828])

85 *Proserpinus proserpina* (PALLAS, 1772)

Distribution: S.W.Bulg.: Sofia, Kostinbrod, Kiustendil, Vitosha mn. Bunkera, Belasitza mn. h.Belasitza, Kožuch, Kressna gorge. S.Bulg.: Burgas, Svilengrad, Topolovgrad, Sakar mn., Rhodopi mn. h.Belite brezi, Sredna gora mn. h.Fenerite. Stara planina: Sliven. N.Bulg.: Razgrad,

Tárnovo, Varna, suburb of Provadia.

Flight: One generation from 5 to 7.

Daphnis HÜBNER, [1819] 1816

86 *Daphnis nerii* (LINNAEUS, 1758)

Distribution: (map 16) S.W.Bulg.: Sofia. S.Bulg.: Burgas, Rhodopi mn. Belovo, Plovdiv, Nessebar. Stara planina: Sliven. N.Bulg.: Razgrad.

Flight: A great part of these hawkmoths comes from south in 6-7. From dropped eggs of these specimens a 2nd generation flies in 8.

Rethera ROTHSCCHILD & JORDAN, 1903

87 *Rethera komarovi drilon* REBEL & ZERNY, 1931

Distribution: (map 17) S.W.Bulg.: Kressna gorge, Ali-botush mn. 1000-1500 m.

Flight: One generation in 5-6.

Hyles HÜBNER, [1819] 1816, (*Celerio* AGASSIZ, 1846) (*Deilephila* LASPEYRES, 1809)

88 *Hyles euphorbiae* (LINNAEUS, 1758)

Distribution: Widely distributed in plains and in high mountains in whole Bulgaria.

Flight: In two generations: I 5-6, II 8-10. In mountains the species mainly flies in 6-7.

89 *Hyles gallii* (ROTTEMBURG, 1775)

Distribution: (map 17) Stara planina: Petrohan, top Stoletov. N.Bulg.: Varna.

Flight: 7-8.

90 *Hyles nicaea* (DE PRUNNER, 1798)

Distribution: (map 17) S.W.Bulg.: Belasitza mn. 1800m.

Flight: In 7.

91 *Hyles vespertilio* (ESPER, 1780)

Distribution: (map 18) S.W.Bulg.: Kressna gorge, Rila mn. Kostenetz. S.Bulg.: Rhodopi mn. Devin. Stara planina: v.Shipka.

Flight: One generation in 6-7. Specimens of a 2nd generation not yet been found.

92 *Hyles livornica* (ESPER, 1780)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. Bunkera, Rila mn. (Sitnjakovo, Bistritza 1400 m., Rila 2400 m.), Osogovo mn. between 500 and 1700 m., Alibotush mn. 1500 m., Liulin mn., Pirin mn. r.Banderitza 2400 m., Zemen gorge Skakavitza. S.Bulg.: Rhodopi mn. (Belovo, Kritchim), Strandža mn., Plovdiv, Stara Zagora, Burgas, Nessebar. Stara planina: Sliven, Petrohan, Kurilo. N.Bulg.: Ruse, Tárnovo, Evksinograd, Baltchik, Smirnenski, Silistra.

Flight: 1st generation 5-6, 2nd generation 7-8.

Deilephila LASPEYRES, 1809, (*Pergesa* WALKER, 1856)

93 *Deilephila elpenor* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. Bunkera, Kressna gorge, Kožuch. S.Bulg.: Rhodopi mn. Belovo, Strandža mn., Kazanlák, Stara Zagora, Plovdiv. Stara planina: Sliven, Petrohan, Karlovo, Iskar gorge, Etropol cloister. N.Bulg.: Ruse, Evksinograd, Smirnenski, Vindin, Varna.

Flight: In 2 generations: I 5-6, II 7-9.

94 *Deilephila porcellus* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. (h.Ban, Bunkera), Osogovo mn. between 500 and 1640 m., Rila mn. Bistritza, Alibotush mn. up to 1500 m., Liulin mn., Kressna gorge, v.Prekolnitsa, Trán, Zemen gorge Skakavitza. S.Bulg.: Rhodopi mn. (P.Serafimovo, v.Momtchilovtzi, m.Persenk, Tchepelare, pass Rožen, h.Belite brezi, Asenovgrad), Burgas, Strandža mn., Gara Stambolovo, Nessebar. Stara planina: Sliven, Iskar gorge. N.Bulg.: Ruse, Lovetch, Tárnovo, Razgrad, Smirnenski, Silistra.

Flight: Two generations: I 5-6, II 7-8.

Hippotion HÜBNER, [1819], (*Choerocampa* DUPONCHEL, 1835)

95 *Hippotion celerio* (LINNAEUS, 1758)

Distribution: (map 18) S.W.Bulg.: Sofia. N.Bulg.: Evksinograd.

Flight: 8-10.

Theretra HÜBNER, [1819]

96 *Theretra alecto cretica* BOISDUVAL, 1827

Distribution: (map 18) S.W.Bulg.: Kressna gorge, Petritsch.

Flight: 5-6.

***Hepialidae* STEPHENS, 1829**

Hepialus FABRICIUS, 1775

97 *Hepialus humuli* (LINNAEUS, 1758)

Distribution: (map 19) S.W.Bulg.: Vitosha mn. Aleko, Rila mn. (Kostenetz, Borovetz up to 2000 m., Rila cloister), Osogovo mn. h.Osogovo 1640 m. S.Bulg.: Rhodopi mn. above Belovo. Stara planina: Petrochan, h.Rositza.

Flight: In 6-7.

Triodia HÜBNER, [1820], (*Hepialus* FABRICIUS, 1775)

98 *Triodia amasinus dobrogensis* (CARADJA, 1934)

Distribution: (map 19) S.W.Bulg.: Kressna gorge, Kožuch near Petrić. N.Bulg.: Varna, Baltchik.

Flight: From end of 7 to beginning of 11. Mainly in 9.

Note: In BURESH & TULESHKOV (1943) this species was reported as *Hepialus adriaticus* OSTHELDER, 1931. All materials in coll. Nat.Hist.Museum, Sofia, belong to *amasinus*.

99 *Triodia sylvina* (LINNAEUS, 1761)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. (Zlatni mostove, Bunkera), Lozen mn. German cloister, Liulin mn., Zemen gorge Skakavitza, v.Prekolnitsa, Osogovo mn. (Dvete reki, h.Osogovo), Plana mn., v.Tzegrilovtzi, v.Krupnik, Kressna gorge, Kožuch, Rila mn. (Borovetz, Rila cloister). S.Bulg.: Rhodopi mn. (Belovo, mine Persenk, Tchepelare), Sredna gora mn. gara Stambolovo (now Nemirovo), Stara Zagora, Harmanli, Strandža mn. Stara planina: Iskar gorge, h.Liuliaka, Karlovo, Sliven. N.Bulg., Lovetch, Razgrad.

Flight: From end of 7 to beginning of 10.

Phymatopus WALLENGREN, 1869, (*Hepialus* FABRICIUS, 1775)

100 *Phymatopus hecta* (LINNAEUS, 1758)

Distribution: (map 20) S.W.Bulg.: Rila mn. Borovetz. Stara planina: Central Balkan under top Botev 1500 m.

Flight: 7-8.

Korscheltellus BÖRNER, 1920, (*Hepialus* FABRICIUS, 1775)

101 *Korscheltellus lupulinus dacicus* (CARADJA, 1893)

Distribution: (map 20) S.W.Bulg.: Liulin mn., Golobardo mn., Rila mn. Rila cloister, Osogovo mn. 1800 m. Stara planina: Gabrovski Balkan 1200 m., Belidie han, h.Tchvdar.

Flight: From 6 to 8.

102 *Korscheltellus fusconebulosa* (DE GEER, 1778)

Distribution: (map 20) S.W.Bulg.: Osogovo mn. subalpine zone. S.Bulg.: Sredna gora mn. Panagiurište. Stara planina: top Kupel 2100 m.

Flight: 7-10.

Cossidae LEACH, [1815] 1830

Phragmataecia NEWMAN, 1850

103 *Phragmataecia castaneae* (HÜBNER, 1790)

Distribution: (map 21) S.W.Bulg.: Kožuch. S.Bulg.: Burgas, Strandža mn., Nessebar. N.Bulg.: Varna, Baltchik, Srebarna.

Flight: 5-6. In Kožuch a 2nd generation in 10.

Zeuzera LATREILLE, 1804

104 *Zeuzera pyrina* (LINNAEUS, 1761)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. Bunkera, Rila mn. Rila cloister, Kiustendil, Zemen gorge Skakavitza, Liulin mn., Kressna gorge, Alibotush mn., Belasitza mn. 1000 m. S.Bulg.: Plovdiv, Stara Zagora, Pazardžik, Rhodopi mn. (Belovo, v.Ustino), Svilengrad, Strandža mn., Primorsko, Nessebar. Stara planina: Belogradčik, Iskar gorge, Sliven. N.Bulg.: Ruse, Lovetch, Tárnovo, Razgrad, Varna, Baltchik, Smirnenski.

Flight: From 6 to 8 in one long generation.

Cossus FABRICIUS, 1793

105 *Cossus cossus* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, German cloister, Vitosha mn. Bunkera, Rila mn. Rila cloister, Liulin mn., Kressna gorge, Zemen gorge Skakavitza, Alibotush mn., Belasitza mn. 1000 m., Kožuch, Melnik, v.Prekolnitsa. S.Bulg.: Stara Zagora, Svilengrad, Sakar mn., Strandža mn., Plovdiv, Rhodopi mn. (Belovo, m.Persenk, Kritchim), Sredna gora mn. (Koprivštitsa, Zlatitca), Burgas. Stara planina: Iskar gorge, Sliven, Gabrovo. N.Bulg.: Lovetch, Tárnovo, Preslav, Targoviste, Smirnenski, Evksinograd, Varna.

Flight: One long generation from 5 to 7, 8.

106 *Cossus balcanicus* LEDERER, 1863

Distribution: (map 21) Stara planina: Sliven.

Flight: In 6.

Note: This species was caught more than 120 years ago in Sliven. After that date it was no more found in Bulgaria.

Lamellocossus DANIEL, 1956

107 *Lamellocossus terebra* ([DENIS & SCHIFFERMÜLLER], 1775)

Distribution: (map 21) S.W.Bulg.: Kressna gorge, Kožuch. S.Bulg.: Rhodopi mn. (Kritchim, h.Belite brezi), v.Izvor near Plovdiv, Strandža mn.

Flight: One generation, 5-7.

Catopta STAUDINGER, 1899

108 *Catopta thrips* (HÜBNER, 1818)

Distribution: (map 22) S.Bulg.: Plovdiv. Stara planina: Sliven.

Flight: In 6.

Parahypopta DANIEL, 1961

109 *Parahypopta caestrum* (HÜBNER, 1808)

Distribution: (map 22) S.W.Bulg.: Sofia, Liulin mn., Rila mn. Kostenetz, Kressna gorge, Kožuch, Pirin mn.

Melnik. S.Bulg.: Burgas, Primorsko, Strandža mn., Arkutino, Nessebar, Plovdiv. Stara planina: Iskar gorge. N.Bulg.: Baltchik, Evksinograd, Varna, Provadia.

Flight: One generation in 6-7.

Dyspessa HÜBNER, [1820]

110 *Dyspessa ulula* (BORKHAUSEN, 1790)

Distribution: Distributed in the whole country. In mountains up to 2000 m.

Flight: From 5 to 7.

111 *Dyspessa salicicola* (EVERSMANN, 1848)

Distribution: (map 23) S.W.Bulg.: Kressna gorge, Pirin mn. (Sandanski, Melnik), Kožuch, Alibotush mn. S.Bulg.: Strandža mn., Primorsko, Nessebar. N.Bulg.: Varna, Baltchik.

Flight: From 5 to 7.

***Thyrididae* HAMPSON, 1897**

Thyris LASPEYRES, 1803

112 *Thyris fenestrella* (SCOPOLI, 1763)

Distribution: S.W.Bulg.: Plana mn. Kokalianski cloister, Pančerevo, Vitosha mn. Dragalevski cloister, Liulin mn., Rila mn. (Kostenetz, Rila cloister), v.Bistritza, Osogovo mn. (Kiustendil, v.Žilentzi), Kressna gorge, Petritch, Alibotush mn., Zemen gorge Skakavitza, Kožuch. S.Bulg.: Rhodopi mn. (Asenovgrad, Batchkovo, Belovo, mine Persenk, river Lukovitza), Plovdiv, Strandža mn., Nessebar, Burgas, Svilengrad. Stara planina: Sliven, Vratza, Iskar gorge, Karlovo, Belidie han. N.Bulg.: Tárnovo, Razgrad, Varna, Evksinograd, Baltchik, Pleven.

Flight: From 5 to 8 in two generations.

***Limacodidae* DUPONCHEL, [1845] 1844**

Apoda HAWORTH, 1809, (*Cochlidion* auct.)

113 *Apoda limacodes* (HUFNAGEL, 1766)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. (Dragalev-

ski cloister, Bunkera), Liulin mn., Osogovo mn. (Kiustendil, Dvete reki, v.Garliano), v.Prekolnitza, Zemen gorge Skakavitza, Kressna gorge, Rila mn. Rila cloister. S.Bulg.: Burgas, Peruštitza, Strandža mn., Rhodopi mn. h.Belite brezi, P.Serafimovo. Stara planina: Sliven, Etropol cloister, v.Mletchevo, Karlovo, Iskar gorge. N. Bulg.: Razgrad, Varna, Smirnenski.

Flight: From 5 to 8.

***Drepanidae* MEYRICK, 1895**

Drepana SCHRANK, 1802

114 *Drepana binaria* (HUFNAGEL, 1769)

Distribution: S.W.Bulg.: Vitosha mn. Bunkera, Osogovo mn. Dvete reki, v.Prekolnitza, Zemen gorge Skakavitza, Kressna gorge, Blagoevgrad, Kožuch, h.Belasitza, Liulin mn., Rila mn. Kostenetz. S.Bulg.: Rhodopi mn. (Belovo, Devin, h.Belite brezi), Svilengrad, Sakar mn., Strandža mn. Stara planina: Iskar gorge. N.Bulg.: Razgrad.

Flight: 1st generation 5-7, 2nd generation 8-10.

115 *Drepana cultraria* (FABRICIUS, 1775)

Distribution: S.W.Bulg.: Vitosha mn. (Dragalevski cloister, Bunkera), Rila mn. (Kostenetz, Rila cloister), Osogovo mn. (h.St.Kladenetz, h.Osogovo, Dvete reki, v. Zilentzki, Kiustendil), Kressna gorge, h.Belasitza. S. Bulg.: Sredna gora mn. (v.Djulevo, top Bogdan), Rhodopi mn. (Belovo, h. Belite brezi), Strandža mn. Stara planina: Sliven Tchumerna, Trevnenski balkan, Gabrovo cloister, pass Shipka, Karlovo. N.Bulg.: Baltchik.

Flight: In two generations: I 5-6, II 7-9.

116 *Drepana falcataria* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. (Dragalevski cloister, Bunkera, h.Ban 1400 m.), v.Prekolnitza, Zemen gorge Skakavitza, Kožuch, Trán, Liulin mn., Rila mn. Kostenetz, Predela. S.Bulg.: Strandža mn., Plovdiv, Rhodopi mn. Belovo. Stara planina: Sliven, Kotel, Karlovo.

Flight: 1st generation 5-6, 2nd generation 7-9.

Cilix LEACH, [1815] 1830

117 *Cilix glaucata* (SCOPOLI, 1763)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. (Dragalevski cloister, Bunkera), Kressna gorge, Alibotush mn., Petritch, Kožuch, Zemen gorge Skakavitza, v.Prekolnitsa, Konjavo mn. v.Tavalitchevo, Osogovo mn. (Dvete reki, Kiustendil), v.Tzigrilovtzi near Trán, Pirin mn. Melnik, Liulin mn., Ogražden mn. v.Sestrino. S.Bulg.: Burgas, Svilengrad, Strandža mn., Nessebar, Rhodopi mn. (Tchepe-lare, h.Belite brezi, v.Ustino, Asenovgrad, river Lukovitza), Sakar mn. Stara planina: Sliven, suburb of Botevgrad, Belogradčik, Iskar gorge. N.Bulg.: Varna, Tár-novo, Razgrad, Evksinograd.

Flight: In warm low parts of the country 3 generations from 3 to 11. In other parts 2 generations from 5 to 9.

***Thyatiridae* J.B.SMITH, 1893**

Thyatira OCHSENHEIMER, 1816

118 *Thyatira batis* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Vitosha mn. Bunkera, Rila mn. Kostenetz, Kressna gorge, Belasitza mn. 1300 m., Zemen gorge Skakavitza, Osogovo mn. (Kiustendil, h.St.Kladenetz, Dvete reki), Kožuch, Pirin mn. Melnik. S.Bulg.: Rhodopi mn. Batchkovo, Sakar mn., Strandža mn. Stara planina: Sliven, Sevlievo, Etropol cloister, v.Mletchevo, Petrohan, Klisura cloister, Elena. N.Bulg.: Varna, Smirnenski.

Flight: Two generations: I 5-6, II 7-9.

Habrosyne HÜBNER, [1821]

119 *Habrosyne pyritoides* (HUFNAGEL, 1766), (*derasa* LINNAEUS, 1767)

Distribution: S.W.Bulg.: Vitosha mn. Bunkera, Zemen gorge Skakavitza, v.Prekolnitsa, Osogovo mn. (Kiustendil, Dvete reki, v.Gárljano), Kressna gorge, Kožuch, Trán, Rila mn. Kostenetz, v.Tzigrilovtzi near Trán. S. Bulg.: Rhodopi mn. (mine Persenk, h.Belite brezi, Tchepe-lare, Devin), Sakar mn., v.Banja near Panagjurište,

Primorsko, Strandža mn. Stara planina: Etropol cloister, Petrohan, Iskar gorge. N.Bulg.: Silistra, Varna, Evksinograd, Tárnovo, Smirnenski.

Flight: I 5-6, II 7-9.

Tethea OCHSENHEIMER, 1816, (*Cymatophora* TREITSCHKE, 1825)

120 *Tethea ocularis octogesima* (HÜBNER, 1786)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. (Aleko, Bunkera), Alibotush mn., Kressna gorge, Pirin mn. Melnik, Kožuch, Zemen gorge Skakavitza. S.Bulg.: Sakar mn., Strandža mn., Arkutino, Harmanli, Plovdiv. Stara planina: Gabrovo, Ledenika near Vratza. N.Bulg.: Evksinograd, Tárnovo, Orjahovo.

Flight: From 4 to 8 in two generations.

121 *Tethea or* ([DENIS & SCHIFFERMÜLLER], 1775)

Distribution: (map 23) S.W.Bulg.: Sofia, Vitosha mn. Bunkera, Kiustendil, h.Belasitza, Rila mn. Panitchište 1450 m. S.Bulg.: Jambol, Strandža mn. Stara planina: Teteven, Etropol cloister, Petrohan.

Flight: 5-7.

Ochropacha WALLENGREN, 1871, (*Tethea* OCHSENHEIMER, 1816)

122 *Ochropacha duplaris* (LINNAEUS, 1761)

Distribution: (map 24) S.W.Bulg.: Rila mn. Kostenetz. Stara planina: Etropol cloister, Petrohan.

Flight: 6-7.

Cymatophorima SPULER, 1908, (*Polyploca* HÜBNER, [1821])

123 *Cymatophorima diluta* ([DENIS & SCHIFFERMÜLLER], 1775)

Distribution: (map 24) S.W.Bulg.: Vitosha mn. Bunkera, v.Prekolnitsa, Osogovo mn. Dvete reki, Zemen gorge Skakavitza, Kressna gorge, Kožuch. Stara planina: Sliven, h.Liuljaka, Iskar gorge.

Flight: 9-10.

Achlya BILLBERG, 1820, (*Polyploca* HÜBNER, [1821])

124 *Achlya flavicornis* (LINNAEUS, 1758)

Distribution: (map 24) S.W.Bulg.: Sofia, Vitosha mn.

Bunkera, Rila mn. Kostenetz. S.Bulg.: Strandža mn. Stara planina: Iskar gorge.

Flight: From 3 to 8.

Polyploca HÜBNER, [1821]

125 *Polyploca ridens* (FABRICIUS, 1787)

Distribution: (map 25) S.W.Bulg.: Kressna gorge, Zemen gorge Skakavitza, Kožuch, Ogražden mn. v. Sestrino. Stara planina: Sliven, Iskar gorge.

Flight: From 3 to 5.

Asphalia HÜBNER, [1821]

126 *Asphalia ruficollis* ([DENIS & SCHIFFERMÜLLER], 1775)

Distribution: (map 25) S.W.Bulg.: Sofia, Vitosha mn. Bunkera, Zemen gorge Skakavitza, Kressna gorge, Kožuch, Ogražden mn. v. Sestrino. S.Bulg.: Strandža mn. Stara planina: Kurilo, Sliven. N.Bulg.: Varna Zlatni pjasatzi.

Flight: One generation in 3-4.

Lymantriidae HAMPSON, 1893

Laelia STEPHENS, 1828

127 *Laelia coenosa* (HÜBNER, [1808])

Distribution: (map 26) S.W.Bulg.: Golo bardo mn. S. Bulg.: Burgas, Strandža mn. Stara planina: Sliven. N. Bulg.: Varna.

Flight: 6-7.

Orgyia OCHSENHEIMER, 1810

128 *Orgyia antiqua* (LINNAEUS, 1758)

Distribution: (map 26) S.W.Bulg.: Kiustendil, Sofia, Kožuch. S.Bulg.: Plovdiv, Strandža mn., Burgas. Stara planina: Sliven. N.Bulg.: Razgrad, Baltchik, suburb of Provadia.

Flight: 1st generation 5-6, 2nd generation 7-9, in Kožuch 10.

Teia WALKER, 1855

– *Teia recens* (HÜBNER,[1819])

From this species the author finds one specimen labeled "HABERHAUER – Sliven" without date. This species is not reported for Bulgarian fauna. Possibly a wrong label.

129 *Teia ericae intermedia* (FRIVALDSZKI,1865),(caliacrae CARADJA,1931)

Distribution: (map 27))N.Bulg.: Varna, Baltchik.

Flight: From 7 to 9.

Dicallomera BUTLER, 1881, (*Dasychira* auct.)

130 *Dicallomera fascelina* (LINNAEUS,1758)

Distribution: S.W.Bulg.: Vitosha mn. (Dragalevtzi, Bunkera), Rila mn. Kostenetz, Sofia, v.Prekolnitsa, Zemen gorge Skakavitza, v.Tzigrilovtzi near Trán, Liulin mn., Alibotush mn. S.Bulg.: Plovdiv, Sredna gora mn. gara Stambolovo, Rhodopi mn. (Belovo, Asenovgrad, Tchepelara, pass Rožen, Kastakli, v.Manastir), Strandža mn., Nessebar. Stara planina: Iskar gorge. N.Bulg.: Razgrad, gara Roman, Evksinograd.

Flight: From 7 to 9. Reported from Kostenetz in 5-6.

Calliteara BUTLER, 1881, (*Dasychira* auct.)

131 *Calliteara pudibunda* (LINNAEUS,1758)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. (Dragalevtzi, Bunkera, h.Ban 1400 m.), Osogovo mn. (h.St.Kladetz, h.Osogovo 1640 m., Dvete reki), Zemen gorge Skakavitza, Konjavo mn. v.Ugljartzi, v.Tzigrilovtzi, Trán, Riža mn. Kostenetz, Liulin mn., Alibotush mn., Pirin mn. (v.Lilianovo, Spano Pole 1800 m.), Kressna gorge. S. Bulg.: Rhodopi mn. (mine Persenk, h.Martzigianitza, Devin, P.Serafimovo, v.Manastir), Stara Zagora, Strandža mn. Stara planina: Iskar gorge, Etropol cloister, Sliven. N. Bulg.: Razgrad, Smirnenski, Evksinograd.

Flight: One generation from 4 to 7 in dependancy of altitude.

Penthophera GERMAR, 1812, (*Hypogymna* HÜBNER, 1810)

132 *Penthophera morio* (LINNAEUS, 1767)

Distribution: S.W.Bulg.: Rila mn. (Kostenetz, Borovetz, Sitnjakovo, Treštenik), Lozen mn. German cloister, Pantcherevo, Sofia, Liulin mn., Vitosha mn. Bunkera, Radomir, St.Dimitrov, Kiustendil, Osogovo mn. up to 1450 m., Konjavo mn. top Viden 1450 m. S.Bulg.: Burgas, Strandža mn., Stara Zagora, Rhodopi mn. (Kritchim, Velingrad, Peštera, Belovo, Batak, Peruštitza, Rakitovo), Sredna gora mn. (gara Stambolovo, Panagjuište, v.Streltcha, Ichtiman), Aitos, Nessebar, Plovdiv. Stara planina: Belidie Han, Iskar gorge, Sliven. N.Bulg.: Razgrad, Tárnovo, Smirnenski, Kaspitchan, Varna, Evksinograd, Targovište.

Flight: In 2 generations from 5 to 8.

Euproctis HÜBNER, [1819] 1816, (*Porthesia* STEPHENS, 1828)

133 *Euproctis chrysorrhoea* (LINNAEUS, 1758)

Distribution: A widely distributed species in the whole country up to 1300 m.

Flight: One generation in 6-7.

Sphrageidus MAES, 1984

134 *Sphrageidus similis* (FUESSLY, 1775)

Distribution: (map 27) S.W.Bulg.: Kožuch near Petrić. S.Bulg.: Burgas, Nessebar, Strandža mn. Stara planina: Sliven. N.Bulg.: Vidin, Ruse.

Flight: 7-9.

Leucoma HÜBNER, 1822, (*Stipnotia* HUMPHREY & WESTWOOD, 1843)

135 *Leucoma salicis* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. Bunkera, Zemen gorge Skakavitza, Osogovo mn. (Dvete reki, Kiustendil, Gjueshevo), Kožuch, Liulin mn. S.Bulg.: Nova Zagora, Sredna gora mn. (gara Stambolovo, Panagjurište), Rhodopi mn. (Belovo, Tchepelare), Plovdiv, Svilengrad, Nessebar, Strandža mn., Jambol, Burgas. Stara planina: Sliven, Iskar gorge. N.Bulg.: Ruse, Razgrad, Smirnenski, Vidin, Baltchik, Varna.

Flight: In two generations from 5 to 9.

Arctornis GERMAR, 1810

136 *Arctornis l-nigrum* (O.F.MÜLLER, 1764)

Distribution: (map 28) S.W.Bulg.: Liulin mn., Vitosha mn. (Bunkera, Dragalevski cloister), Osogovo mn. Dvete reki, Zemen gorge Skakavitza, Rila mn. h.Valjavitza, Kressna gorge. S.Bulg.: Rhodopi mn. Kastakli, Sredna gora mn. Panagjurište, Nessebar, Strandža mn. Stara planina: Sliven, Etropol cloister, pass Shipka. N.Bulg.: Varna, Tárnovo, Smirnenski, Vidin, suburb of Provadia.

Flight: 6-8.

Lymantria HÜBNER, [1819]

137 *Lymantria monacha* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Lozen mn., Plana mn., Vitosha mn., Rila mn. up to 1300 m., Osogovo mn. up to 1650 m., Zemen gorge Skakavitza, Kressna gorge, Alibotush mn. up to 1500 m., Sofia. S.Bulg.: Burgas, Strandža mn., Rhodopi mn. up to 1450 m., Svilengrad. Stara planina: Petrochan, Sliven, Trojanski balkan, Berkovitza, Shiptchen-ski balkan, Etropol cloister. N.Bulg.: Ruse, Razgrad, suburb of Razgrad, v.Vetovo near Ruse, Varna, v.Asparuchovo near Provadia.

Flight: One generation from 6 to 8.

138 *Lymantria dispar* (LINNAEUS, 1758)

Distribution: Widely distributed in whole Bulgaria.

Flight: From end of 6 to 8 in one generation.

Ocneria HÜBNER, [1819] 1816

139 *Ocneria rubea* (FABRICIUS, 1787)

Distribution: (map 28) S.W.Bulg.: v.Prekolnitsa near Kiustendil, v.Tzigrilovtzi near Trán, Alibotush mn. 1500 m. S.Bulg.: Rhodopi mn. (h.Belite brezi, Velingrad), v.Kostandovo near Pazardžik. Stara planina: Sliven 1000m.

Flight: 7-8.

Parocneria DYAR, 1897

140 *Parocneria detrita orientis* (DANIEL, 1939)

Distribution: (map 29) S.W.Bulg.: Sofia, Liulin mn., Rila mn. Kostenetz. S.Bulg.: Strandža mn., Rhodopi mn.

without place. Stara planina: Sliven. N.Bulg.: Varna.

Flight: One generation: 6-7.

141 *Parocneria terebynthi* (FREYER, 1839)

Distribution: (map 29) S.W.Bulg.: Kressna gorge, Kožuch, Alibotush mn. S.Bulg.: Rhodopi mn. Belovo, v.Ognjanovo near Pazardžik. Stara planina: Sliven. N.Bulg.: v.Dalgopol near Varna.

Flight: One generation: 5-6.

***Arctiidae* LEACH, [1815]**

Thumatha WALKER, 1866, (*Comacla* auct.)

142 *Thumata senex* (HÜBNER, [1808])

Distribution: (map 30) S.W.Bulg.: Kožuch.

Flight: In 6.

Setina SCHRANK, 1802, (*Endrosa* HÜBNER, [1819]), (*Philea* ZETTERSTEDT, [1839])

143 *Setina irrorella* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Lezen mn. German cloister, Sofia, Rila mn. (Kostenetz, Borovetz, Rila cloister), Trăn, Osogovo mn., Belasitza mn. 1800 m., Alibotush mn. 1800-2100 m., Vitosha mn. Bunkera. S.Bulg.: Rhodopi mn. (Tchepelare, mine Persenk, Smoljan, Halpatch, h.Izgrev 1870 m.), Sredna gora mn. gara Stambolovo. Stara planina: Slivenski balkan, Zapaden balkan Martinova tchuka 1500 m., Kotel, Kalferski balkan, Karlovo, Iskar gorge.

Flight: From 6 to 9.

144 *Setina roscida* ([DENIS & SCHIFFERMÜLLER], 1775)

Distribution: (map 30) S.W.Bulg.: Rila mn. Rila cloister. Stara planina: Sliven, v.Žeravna, top Botev. N.Bulg.: Varna.

Flight: 7-8.

Miltochrista HÜBNER, [1809]

145 *Miltochrista miniata* (FORSTER, 1771)

Distribution: S.W.Bulg.: Sofia, Belasitza mn. v.Eleshnitza, Pirin mn. Sandanski, Osogovo mn. Dvete reki, Zemen

gorge Skakavitza, Vitosha mn. v.Vladaja, Kožuch, Rila mn. Kostenetz. S.Bulg.: Rhodopi mn. (h.Belite brezi, v. P.Serafimovo, v.Dedovo, v.Ustino, h.Ždravetz, Kritchim). Stara planina: Sliven, Karlovo, Kaloferski balkan, Etropol cloister. N.Bulg.: Lovetch, Tárnovo, Varna, Pleven, Smirnenski.

Flight: From 5 to 9 in two generations.

Nudaria HAWORTH, 1809

146 *Nudaria mundana* (LINNAEUS, 1761)

Distribution: (map 30) Stara planina: Sliven.

Flight: no remark.

Note: This species was no more found in Bulgaria after 1900.

Atolmis HÜBNER, [1819] 1816, (*Gnophria* STEPHENS, 1829)

147 *Atolmis rubricollis* (LINNAEUS, 1758)

Distribution: (map 31) S.W.Bulg.: Zemen gorge Skakavitza, v.Tzigrilovtzi, Vitosha mn., Rila mn. (Kostenetz, Samokov, Borovetz), v.Gorubljan near Sofia, Kiustendil. S.Bulg.: Rhodopi mn. (Tchepelare, Belovo), Strandža mn. Stara planina: Iskar gorge, Karlovo.

Flight: From 5 to 7.

Cybosia HÜBNER, [1819] 1816

148 *Cybosia mesomella* (LINNAEUS, 1758)

Distribution: (map 31) S.W.Bulg.: Sofia, Kressna gorge, Rila mn. Rila cloister, Pirin mn. Melnik. S.Bulg.: Rhodopi mn. v.Manastir. Stara planina: Sliven, Kalofer, cloister. N.Bulg.: Varna.

Flight: From 5 to 8.

Pelosis HÜBNER, [1819] 1816

149 *Pelosis muscerda* (HUFNAGEL, 1766)

Distribution: (map 32) S.W.Bulg.: Sofia, Kressna gorge, Kožuch, Pirin mn. Melnik. S.Bulg.: Rhodopi mn. Kritchim, Primorsko, Arcutino. N.Bulg.: Silistra, Smirnenski.

Flight: 1st generation 5-6, 2nd generation from 8 to beginning of 10.

150 *Pelosia obtusa* (HERRICH-SCHÄFFER, 1852)

Distribution: (map 32) S.W.Bulg.: Kožuch

Flight: In two generations: I 6, II 9.

Eilema HÜBNER, [1819] 1816, (*Systropha* HÜBNER, [1819]),
(*Lithosia* auct.), (*Wittia* DE FREINA, 1980)

151 *Eilema sororcula* (HUFNAGEL, 1766)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. Bunkera, Lozen mn. German cloister, Rila mn. (Rila cloister, Kostenetz), Osogovo mn. (v.Novo Selo, Dvete reki), v.Prekolnitsa, Kressna gorge, Kožuch, Konjavo mn. v.Ugljartzi, Trán, Belasitza mn., Liulin mn., Zemen gorge Skakavitza. S.Bulg.: Rhodopi mn. (Belovo, Devin, Tchepelare, mine Persenk, h.Belite brezi, P.Serafimovo), Strandža mn., Malko Tárnovo, Sakar mn., v.Banja near Panagjurište. Stara planina: Sliven, v.Tchurek near Sofia. N.Bulg.: Tárnovo, Lovetch, Evksinograd, Varna, Razgrad, Vidin.

Flight: From 4 to 8 in two generations.

152 *Eilema griseola* (HÜBNER, [1803])

Distribution: (map 33) S.W.Bulg.: Sofia. Stara planina: Sliven. N.Bulg.: Razgrad, Tárnovo.

Flight: In 7.

153 *Eilema caniola* (HÜBNER, [1808])

Distribution: S.W.Bulg.: Sofia, Vitosha mn. v.Bistritza, Kressna gorge, Zemen gorge Skakavitza, Kožuch. S. Bulg.: Burgas, Plovdiv, Rhodopi mn. Belovo, Primorsko, Arkutino, Nessebar, Sredna gora mn. gara Stambolovo. Stara planina: Sliven, Karlovo, h.Liuljaka, Iskar gorge, v.Tchurek. N.Bulg.: Lovetch, Tárnovo, Varna, Smirnenski.

Flight: From 6 to 10.

154 *Eilema lutarella* (LINNAEUS, 1758)

Distribution: (map 33) S.W.Bulg.: Rila mn. (Samokov, Borovetz 1600 m.), Vitosha mn. (Knjaževo, v.Bistritza). S.Bulg.: Central Rhodopi up to 1400 m. Stara planina: Sliven, Kaloferski balkan. N.Bulg.: Razgrad.

Flight: One generation in 6-8.

155 *Eilema pygmaeola pallifrons* (ZELLER, 1847)

Distribution: (map 34) S.W.Bulg.: Zemen gorge Skakavitza, Kožuch, Pirin mn. v.Liljanovo, Alibotush mn. 1000m.

Stara planina: Sliven. N.Bulg.: Tárnovo.

Flight: From 7 to 9.

156 *Eilema palliatella* (SCOPOLI,1763), (*unita* [DENIS & SCHIFFERMÜLLER],1775), (*palleola* HÜBNER,[1808])

Distribution: S.W.Bulg.: Sofia, Krupnik, Kressna gorge, Belasitza mn., Alibotush mn. up to 1500 m., Kožuch, Pirin mn. Melnik, Zemen gorge Skakavitza, Rila mn. Samokov. S.Bulg.: Strandža mn., Arkutino, Malko Tárnovo. Stara planina: Iskar gorge, Sliven. N.Bulg.: Baltchik, Tárnovo, Shumen, Varna.

Flight: From 6 to 9 in two generations.

157 *Eilema complana* (LINNAEUS,1758), (*balcanica* DANIEL, 1939)

Distribution: S.W.Bulg.: Sofia, Osogovo mn. h.Osogovo, Vitosha mn. Bunkera, Kressna gorge, Zemen gorge Skakavitza, Alibotush mn., Rila mn. Rila cloister, Pirin mn. Bansko. S.Bulg.: Rhodopi mn. (Belovo, Tchepelare, pass Rožen, v.Dedovo), Strandža mn., Stara Zagora, Plovdiv. Stara planina: Belogradčik, Iskar gorge, Etropol cloister, h.Ljuljaka, Sliven, Kaloferski balkan, Zapaden balkan Midžur 1600 m. N.Bulg.: Razgrad, Tárnovo, Varna, Smirnenski.

Flight: From 6 to 10 in 2 generations.

158 *Eilema lurideola* ([ZINCKEN],1817)

Distribution: S.W.Bulg.: Lozen mn. German cloister, Sofia, Vitosha mn. (v.Bistritza, Bunkera, Dragalevski cloister), Poganovski cloister near Trán, Rila mn. (Borovetz, Rila cloister, Kostenetz, Panitchište), Bankja, Pirin mn. (Melnik, river Banderitza Damjanitza 1000-1800 m.), Alibotush mn. 1800 m., Belasitza mn., Zemen gorge Skakavitza, Kressna gorge, Kožuch, Kiustendil. S.Bulg.: Rhodopi mn. (Tchepelare, v.Dedovo, v.Manastir), Burgas, Strandža mn., Plovdiv. Stara planina: Karlovo, Iskar gorge, top Botev, Sliven, Central balkan, Zapaden balkan Martinova Tchuka 1500 m., Murgash. N.Bulg.: Razgrad, Varna, Lovetch, Smirnenski.

Flight: In two generations from 6 to 9.

159 *Eilema morosina* (HERRICH-SCHÄFFER,1848)

Distribution: (map 34) S.W.Bulg.: Alibotush mn. up to

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1000 m., Rila mn. Kostenetz, Kiustendil, Zemen gorge Skakavitza, Kressna gorge. S.Bulg.: Burgas, Malko Tár-novo, Nessebar, Sredna gora mn. Stara planina: Sliven, v.Žeravna, Kaloferski balkan, Klisura cloister, v.Dálbok dol near Trojan. N.Bulg.: Silistra, Tárnovó, Razgrad.

Flight: From 7 to 10.

160 *Eilema deplana* (ESPER, 1787), (*depressa* ESPER, 1787)

Distribution: (map 35) S.W.Bulg.: Rila mn. Rila cloi-ster 1500 m., Pirin mn. Bándéritza. Stara planina: Sli-ven.

Flight: 7-8.

Lithosia FABRICIUS, 1798, (*Oeonistis* auct.)

161 *Lithosia quadra* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, Osogovo mn. (h.St.Kla-denetz, Dvete reki, h.Osogovo), Rila mn. (Rila cloister, Kostenetz, Borovetz), Liulin mn., Vitosha mn. Bunkera, Zemen gorge Skakavitza, v.Tzigrilovtzi, Kožuch. S. Bulg.: Rhodopi mn. (mine Persenk, Tchepelare, Asenovgrad, v.Dedovo, Batchkovo cloister, h.Belite brezi), Strandža mn., Malko Tárnovó, Burgas, v.Devetak near Burgas, Pri-morska, Sredna gora mn. v.Banja near Panagjurište. Stara planina: Sliven, Etropol cloister, Karlovo. N.Bulg.: Varna, Evksinograd, Lovetch, Silistra, v.Ivanski near Shumen.

Flight: From 6 to 10.

Spiris HÜBNER, [1819]

162 *Spiris striata* (LINNAEUS, 1758)

Distribution: Distributed in the whole country up to 1700 m.

Flight: From 5 to 9 in two generations.

Coscinia HÜBNER, [1819] 1816

163 *Coscinia cribraria* (LINNAEUS, 1758) (*cribrum* 1761)

Distribution: (map 35) S.W.Bulg.: Liulin mn., Rila mn. Samokov. S.Bulg.: Rhodopi mn. (Shiroka Laka, mine Persenk, Kastakli). Stara planina: Vratza, Karlovo, Iskar gorge.

Flight: 7-9.

Utetheisa HÜBNER, [1819] 1816, (*Deiopeia* STEPHENS, 1829)

164 *Utetheisa pulchella* (LINNAEUS, 1758)

Distribution: (map 36) S.Bulg.: Plovdiv, Burgas. Stara planina: Sliven. N.Bulg.: Tarnovo.

Flight: In 7.

Parasemia HÜBNER, 1820

165 *Parasemia plantaginis interrupta* SCHAWERDA, 1910

Distribution: S.W.Bulg.: Vitosha mn. above 1200 m., Rila mn. above 1100 m., Pirin mn. above 1200 m., Osogovo mn. above 1600 m. S.Bulg.: Rhodopi mn. above 1000 m. Stara planina: Zapaden balkan, Zentralen balkan, top Bo-tev, Trojanski balkan, Etropolski balkan.

Flight: In 7-8.

Hyphoraia HÜBNER, [1820] 1816

166 *Hyphoraia aulica* (LINNAEUS, 1758)

Distribution: (map 36) S.W.Bulg.: Sofia, Vitosha mn., Liulin mn. S.Bulg.: Sredna gora mn. gara Stambolovo, v. Buzovgrad near Kazanlak, Jambol, Rhodopi mn. Kastakli. Stara planina: Sliven, Vratza. N.Bulg.: Varna.

Flight: From 4 to 7.

Arctia SCHRANK, 1802

167 *Arctia caja* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Lozen mn. German cloister, Sofia, Vitosha mn. Bunkera, Liulin mn., Rila mn. (Kostenez, Borovetz), Vitosha mn. (Tchernia kos, h.Selimitza), Osogovo mn. (Dvete reki, h.St.Kladenetz, h.Osogovo). S. Bulg.: Sredna gora mn. gara Stambolovo, Rhodopi mn. (Belovo, Tchepelare, Kastakli, mine Persenk, pass Rozen).

Stara planina: Sliven, Etropol cloister, Petrohan. N. Bulg.: Varna, Suchindol.

Flight: One generation in 7-8.

168 *Arctia villica* (LINNAEUS, 1758)

Distribution: Well distributed in the whole country up to 1400 m.

Flight: One generation in 4-6.

169 *Arctia flavia* (FUESSLY, 1779)

Distribution: (map 37) S.W.Bulg.: Rila mn. (Maliovitza, above St.Dimitrov 1900-2100 m., above Rila cloister, h. Skakavitza 1800-1900 m., top Musala 2925 m.)

Flight: In 7.

170 *Arctia festiva* (HUFNAGEL, 1776) (*hebe* LINNAEUS, 1767)

Distribution: (map 37) S.W.Bulg.: Liulin mn., v.Dragoman, v.Petárch near Sofia, Vitosha mn. v.Bosnek, Rila mn. St.Dimitrov, Pirin mn. Sandanski. S.Bulg.: Rhodopi mn. (Asenovgrad, Kritchim), Burgas, Aitos. Stara planina: Sliven. N.Bulg.: Ruse, Razgrad, Tárnovo, Varna, Balchik.

Flight: From 3 to 5.

Ocnogyna LEDERER, 1852

171 *Ocnogyna parasita lianea* WITT, 1980

Distribution: (map 38) S.W.Bulg.: Sofia, v.Pantcherevo, Vitosha mn. Bunkera, Liulin mn., Rila mn. Kostenetz, Kressna gorge, Kožuch, Zemen gorge Skakavitza. S.Bulg.: Burgas, Strandža mn., Sredna gora mn. gara Stambolovo, Rhodopi mn. Kastakli, Kazanlak. Stara planina: Sliven, Iskar gorge. N.Bulg.: Ruse, Varna, Vidin.

Flight: In 3-4.

Diacrisia HÜBNER, [1819] 1816

172 *Diacrisia sannio* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Sofia, suburb of Slivnitza, Vitosha mn. (Vladaja, Bunkera, h.Boeritza, h.Ban), Liulin mn., Osogovo mn., Rila mn. (Borovetz, Sitnjakovo), Kožuch, Rila cloister. S.Bulg.: Rhodopi mn. (Belovo, Tchepelare, Jundola, Devin, top Snežanka), Plovdiv. Stara planina: Iskar gorge, top Botev, Kalofer, top Kom.

N.Bulg.: Razgrad, Varna.

Flight: 1st generation 5-6, 2nd generation 7-9. In the mountains one generation in 6-7.

Rhyparia HÜBNER, [1820] 1816

173 *Rhyparia purpurata* (LINNAEUS, 1758)

Distribution: (map 38) S.W.Bulg.: Sofia, Liulin mn., Rila mn. (Rila cloister, Kostenetz), Lozen mn. German cloister, Osogovo mn. (Dvete reki, h.Osogovo), Kressna gorge, Kožuch, Pirin mn. Melnik. S.Bulg.: Burgas, Sakar mn., Nessebar, Rhodopi mn. Belovo. Stara planina: Sliven. N.Bulg.: Razgrad, Tárnovo, Varna, Smirnenski.

Flight: From 5 to 9.

Hyphantria HARRIS, 1841

174 *Hyphantria cunea* (DRURY, 1773)

Distribution: S.W.Bulg.: Sofia, v.Prekolnitza. S.Bulg.: In trace lowland, suburb of Svilengrad, suburb of Jambol. N.Bulg.: In western part of N.Bulgaria. No dates for the eastern part.

Flight: In two generations from 4 to 8.

Spilosoma CURTIS, 1825, (*Spilarctia* BUTLER, 1875)

175 *Spilosoma lubricipeda* (LINNAEUS, 1758), (*menthastri* ([DENIS & SCHIFFERMÜLLER], 1775))

Distribution: S.W.Bulg.: Sofia, Kressna gorge, Alibotush mn., Liulin mn., Vitosha mn. (v.Simeonovo, Bunkera), v.Prekolnitza, Zemen gorge Skakavitza, Osogovo mn. (Dvete reki, v.Gárljano, Kiustendil), Kožuch, Rila mn. Kostenetz, Pirin mn. Melnik. S.Bulg.: Sredna gora mn. (Kazanlák, v.Banja near Panagjurište), Rhodopi mn. (Kritchim, Devin, P.Serafimovo, v.Ustino, Belovo, river Lukovitza, h.Belite brezi), Burgas, Aitos, v.Sadovo near Plovdiv, Jambol, Svilengrad, Sakar mn., Strandža mn. Stara planina: Sliven, Kalofer cloister, Iskar gorge. N.Bulg.: Varna, gara Roman, Tárnovo, Lom, Silistra, Pleven, Nikopol, Lovetch.

Flight: From 5 to 9 in two generations.

176 *Spilosoma luteum* (HUFNAGEL, 1766) (*lubricipeda* auct.)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. Bunkera, Osogovo mn. (v.Gárljano, h.Osogovo, h.St.Kladenetz, Dvete reki, Kiustendil), Zemen gorge Skakavitza, Kressna gorge, Kožuch, Trán, v.Tzigrilovtzi, Belasitza mn., Rila mn. (Kostenetz, Rila cloister), Kokaljane, Liulin mn., Pirin mn. Melnik, Alibotush mn., S.Bulg.: Rhodopi mn. (Kritchim, Tchepelare, h.Martziganitza, Devin, P.Serafimovo, Asenovgrad), Strandža mn., Stara Zagora, Harmanli, v.Sadovo, Nessebar. Stara planina: Etropol cloister, h.Haidushka pesen, Iskar gorge, Kalofer cloister. N.Bulg.: Lovetch, Razgrad, Varna, Evksinograd, Pleven, Baltchik.

Flight: From 5 to 8 in two generations.

177 *Spilosoma urticae* (ESPER, 1789)

Distribution: S.W.Bulg.: Sofia, Kožuch, Belasitza mn. S.Bulg.: Plovdiv, Burgas, Aitos, Jambol, v.Sadovo near Plovdiv, Svilengrad, Strandža mn., Arkutino, v.Párvenetz near Plovdiv. Stara planina: Sliven, Iskar gorge. N.Bulg.: Lovetch, Ruse, Varna, Smirnenski, Nikopol, Baltchik.

Flight: From 5 to 8.

Diaphora STEPHENS, 1827, (*Spilosoma* CURTIS, 1825), (*Cycnia* HÜBNER, [1803])

178 *Diaphora mendica* (CLERCK, 1759)

Distribution: S.W.Bulg.: Sofia, Vitosha mn. (Dragalevski cloister, Bunkera, h.Ban), Poganovski cloister near Trán, v.Krupnik, Kožuch, Zemen gorge Skakavitza, v.Studena near Pernik, Liulin mn. S.Bulg.: Rhodopi mn. (Batak, Belovo, Tchepelare, river Lukovitza), Sredna gora mn. gara Stambolovo, Aitos, Strandža mn., Plovdiv. Stara planina: Sliven, Iskar gorge, v.Batulija, Karlovo. N.Bulg.: Pleven, Tárnovo, Ruse, Varna.

Flight: One generation: 3-5.

179 *Diaphora luctuosa* (HÜBNER, [1830/31])

Distribution: (map 39) S.W.Bulg.: Rila mn. Kostenetz 1500 m., v.Eleshnitza near Petrić, Kressna gorge, Zemen gorge Skakavitza, v.Dolna Dikanja near Radomir, v.Tzigrilovtzi. S.Bulg.: Rhodopi mn. (h.Belite brezi, v.P.Serafimovo, river Lukovitza, Tchepelare), Strandža mn.

Stara planina: Iskar gorge.

Flight: 4.-5.

Phragmatobia STEPHENS, 1828, (*Arctinia* EICHWALD, 1830)

180 *Phragmatobia fuliginosa* (LINNAEUS, 1758)

Distribution: In whole Bulgaria. In the mountains up to 1700 m.

Flight: From 4 to 11 in 2 or 3 generations dependant of locality.

181 *Phragmatobia placida* (FRIVALDSZKY, 1835)

Distribution: S.W.Bulg.: Sofia, v.Buchovo near Sofia, Vitosha mn. v.Bosnek, Liulin mn., Poganovo cloister near Trán, v.Trekljano near Kiustendil, Rila mn. (Rila cloister, Kostenetz), Zemen gorge Skakavitza, Kiustendil, Dvete reki. S.Bulg.: Rhodopi mn. (Belovo, mine Persenk, Tchepelare, Batchkovo), Plovdiv. Stara planina: Iskar gorge, v.Iskretz. N.Bulg.: Razgrad, gara Roman, Lovetch, Baltchik.

Flight: One generation, 5-6.

182 *Phragmatobia caesarea* (GOEZE, 1781)

Distribution: (map 39) S.W.Bulg.: Kressna gorge. S. Bulg.: Sredna gora mn. (v.Banja near Panagjurište, v.Buzovgrad near Kazanlák), Rhodopi mn. Belovo, Harmanli, Stara Zagora. Stara planina: Iskar gorge, top Stoletov, Karlovo. N.Bulg.: Varna.

Flight: One generation, 5-6.

Chelis RAMBUR, 1866, (*Arctia* SCHRANK, 1802)

183 *Chelis maculosa* (GERNING, 1780)

Distribution: (map 40) S.W.Bulg.: Sofia, Alibotush mn. 2100 m., Belasitza mn., Osogovo mn. h.Osogovo, Liulin mn., v.Tzigrilovtzi near Trán, Rila mn. Rila cloister. S.Bulg.: Rhodopi mn. (h.Martziganitza, Kastakli), Burgas, Plovdiv. Stara planina: Sliven. N.Bulg.: Varna, Svištov.

Flight: From 5 to 7.

Watsonarctia (DE FREINA & WITT, 1984), (*Arctia* SCHRANK, 1802)

184 *Watsonarctia deserta* (BARTEL, 1902) (*casta* ESPER, 1784)

Distribution: S.W.Bulg.: Rila mn. (Kostenetz, Rila cloister), Liulin mn., Alibotush mn., Osogovo mn. (h. Osogovo, Kiustendil), Kressna gorge, Zemen gorge Skakavitza, v. Tzigrilovtzi, Vitosha mn. (v. Bosnek, h. Ban). S.Bulg.: Sredna gora mn. (gara Stambolovo, Panagjurište), Rhodopi mn. Smoljan. Stara planina: Iskar gorge, Karlovo, Trojan.

Flight: From 5 to 7 in one generation.

Callimorpha LATREILLE, 1809, (*Panaxia* TAMS, 1939)

185 *Callimorpha quadripunctaria* (PODA, 1761)

Distribution: Distributed in the whole country, mainly in low lands and low parts of the mountains. In vertical spreading up to 1300 m. Alibotush mn. 1500 m.

Flight: From 6 to 9.

186 *Callimorpha dominula balcanica* Daniel 1951/52

Distribution: S.W.Bulg.: Rila mn. (Sitnjakovo, Kostenetz, St. Dimitrov, Borovetz), Vitosha mn. (h. B. brezi, Dragalevski cloister), Osogovo mn., Pirin mn. (Bansko, Damjanitza, Bänderitza 900-1600 m.), Alibotush mn. 1750 m., Poganovo cloister. S.Bulg.: Rhodopi mn. (Belovo, Velingrad, Tchepelare, mine Persenk, Elidere, v. Dedovo), Kazanlık. Stara planina: Trojanski balkan, top Ambaritza, Slivenski balkan, Kaloferski balkan, Tomsan in Iskar gorge.

Flight: 7-8.

Tyria HÜBNER, [1819], (*Hipocrita* auct.)

187 *Tyria jacobaeae* (LINNAEUS, 1758)

Distribution: S.W.Bulg.: Alibotush mn. between 600-

1200 m. S.Bulg.: Burgas, Stradža mn., Mitchurin, Ropotamo, Rhodopi mn. (Belovo, West Rhodopi without places), Sredna gora mn. top Eledžik. Stara planina: Zapaden balkan Martinova tchuka 1500 m., top Kom, Sliven, v. Stakevtzi, Iskar gorge. N.Bulg.: Tárnovo, Razgrad, Varna.
Flight: From 5 to 7.

***Nolidae* HAMPSON, 1894**

Meganola DYAR, 1898, (*Roeselia* auct.) (*Nola* LEACH, [1815])

188 *Meganola togatulalis* (HÜBNER, 1796)

Distribution: (map 40) S.W.Bulg.: Kressna gorge, Alibotush mn. 1500 m., Zemen gorge Skakavitza, Kožuch. S. Bulg.: Burgas, Strandža mn., Nessebar, Rhodopi mn. v. Varvara near Velingrad. N.Bulg.: Smirnenski.

Flight: From 5 to 7.

189 *Meganola strigula* ([DENIS & SCHIFFERMÜLLER], 1775)

Distribution: (map 41) S.W.Bulg.: Kressna gorge, Kožuch, Zemen gorge Skakavitza, Rila mn. Rila cloister, Pirin mn. Sandanski, Orgazden mn. v. Sestrino. S.Bulg.: Burgas, Strandža mn., Sakar mn. Stara planina: Iskar gorge. N.Bulg.: Smirnenski, Varna.

Flight: From 4 to 9 in two generations.

190 *Meganola albula* ([DENIS & SCHIFFERMÜLLER], 1775)

Distribution: (map 41) S.W.Bulg.: Sofia, Kressna gorge, Kožuch, Blagoevgrad. S.Bulg.: Strandža mn., Burgas. N. Bulg.: Baltchik, Smirnenski.

Flight: Two generations from 5 to 9.

191 *Meganola gigantula* (STAUDINGER, 1878)

Distribution: (map 42) S.W.Bulg.: Kressna gorge.

Flight: 5-6.

Nola LEACH, [1815], (*Roeselia* HÜBNER, [1825]) (*Celama* WALKER, 1865)

192 *Nola cucullatella* (LINNAEUS, 1758)

Distribution: (map 42) S.W.Bulg.: Sofia, Vitosha mn. Bunkera, Rila mn. Kostenetz 1400 m., Kressna gorge, Kiu-stendil, Zemen gorge Skakavitza. S.Bulg.: Rhodopi mn.

Tchepelare, Strandža mn., Nessebar. Stara planina: Sliven, Iskar gorge.

Flight: In 6-7.

193 *Nola confusalis* (HERRICH-SCHÄFFER, 1847)

Distribution: (map 43) S.W.Bulg.: Sofia, Rila mn. Rila cloister, Kressna gorge, Belasitza mn., Zemen gorge Skakavitza, Vitosha mn. Bunkera. S.Bulg.: Burgas, Strandža mn., Rhodopi mn. river Lukovitza. Stara planina: Sliven, v.Shipka.

Flight: From 5 to 8.

194 *Nola aerugula* (HÜBNER, 1793) (*centonalis* HÜBNER, 1796)

Distribution: (map 43) S.W.Bulg.: Alibotush mn., Belasitza mn. v.Eleshnitza, Blagoevgrad, Kožuch, Kressna gorge. S.Bulg.: Rhodopi mn. Devin. N.Bulg.: Silistra, Smirnenski, Baltchik.

Flight: Two generations, 5-9.

195 *Nola cicatricalis* (TREITSCHKE, 1835)

Distribution: (map 44) S.W.Bulg.: Kressna gorge, Kožuch, Sofia, Orgazden mn. v.Sestrino. S.Bulg.: Burgas, Strandža mn. Stara planina: Sliven, v.Kurilo near Sofia.

Flight: Two generations from 4 to 8.

196 *Nola cristatula* (HÜBNER, 1793)

Distribution: (map 44) N.Bulg.: Baltchik.

Flight: In 5.

197 *Nola subchlamydula* STAUDINGER, 1870

Distribution: (map 44) S.W.Bulg.: Kressna gorge, Kožuch.

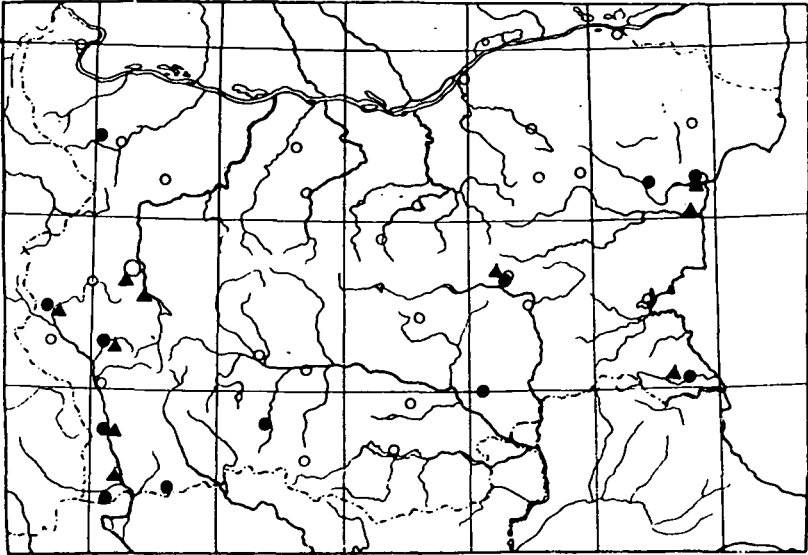
Flight: From 5 to 9 in 2 generations.

Note: This species is reported for the first time for the Bulgarian fauna.

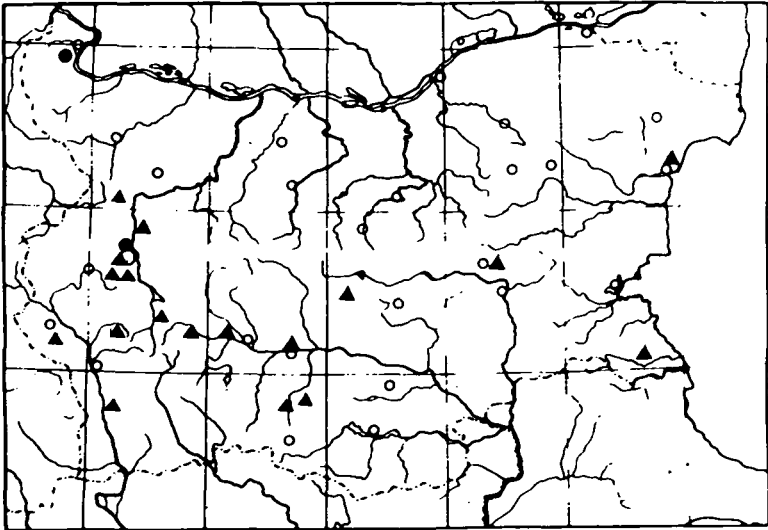
198 *Nola chlamitulalis* (HÜBNER, [1811-1813])

Distribution: S.W.Bulg.: Kressna gorge, Belasitza mn., Alibotush mn. 1000-1500 m., Zemen gorge Skakavitza. S. Bulg.: Burgas, Nessebar. Stara planina: Karlovo. N. Bulg.: Varna, Baltchik, Shabla.

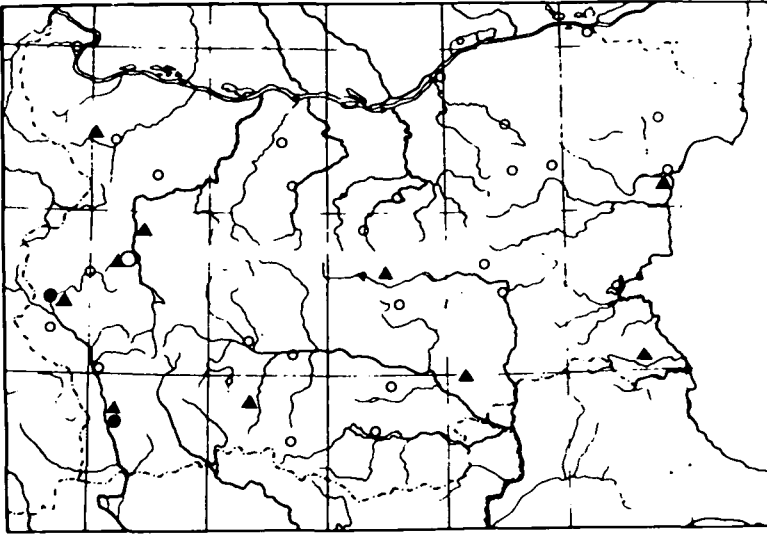
Flight: From 5 to 8 in 2 generations.



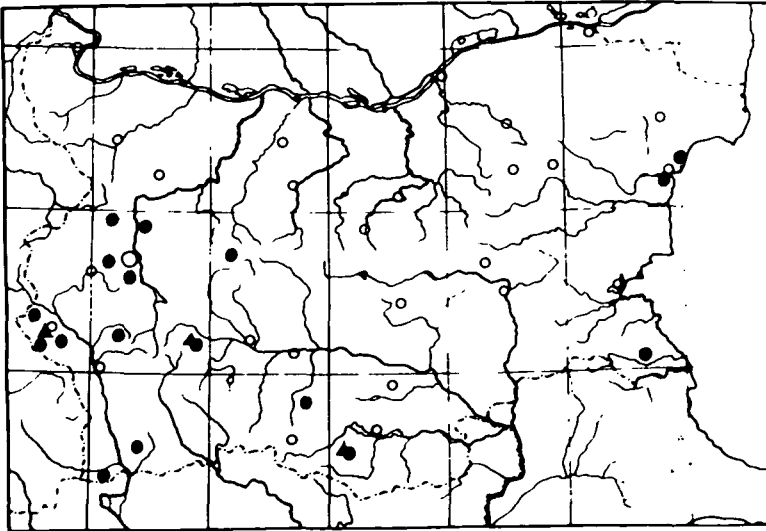
- 1 ▲ *Phalera bucephaloides* (OCHSENHEIMER, 1810)
 ● *Harpyia milhauseri* (FABRICIUS, 1775)



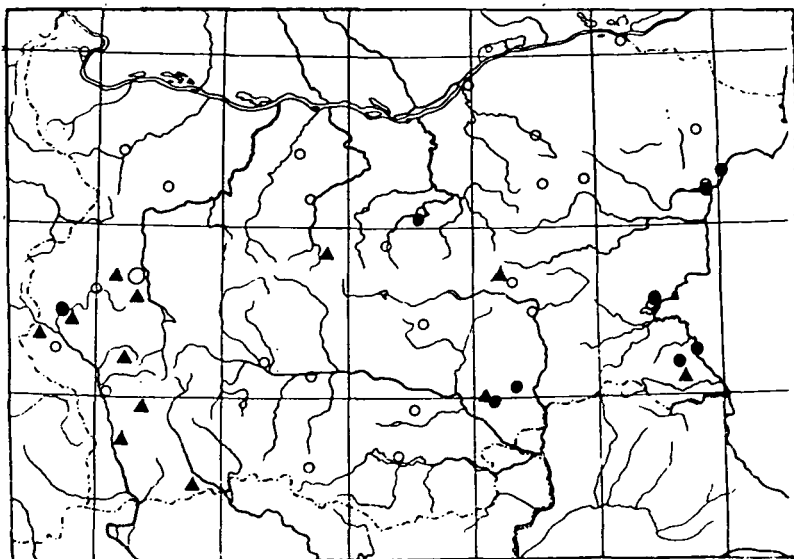
- 2 ▲ *Cerura vinula* (LINNAEUS, 1758)
 ● *Cerura erminea* (ESPER, 1784)



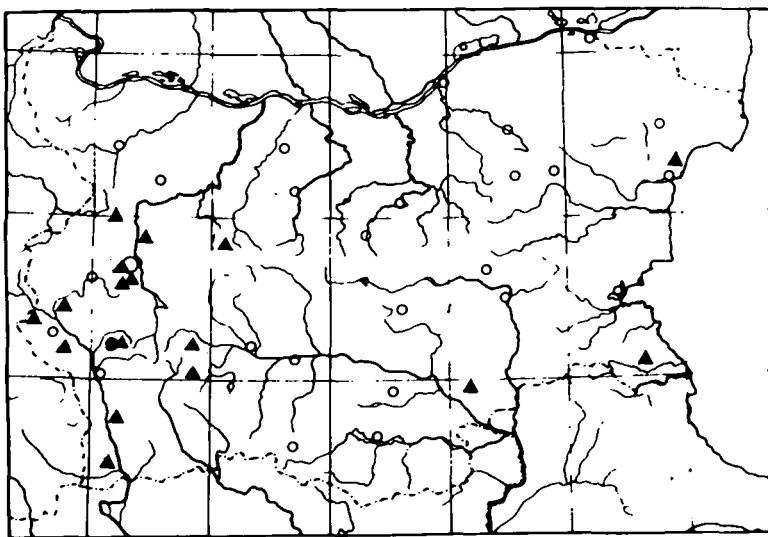
- 3 ▲ *Peridea anceps* (GOEZE, 1781)
 ● *Peridea korbi* (REBEL, 1918)



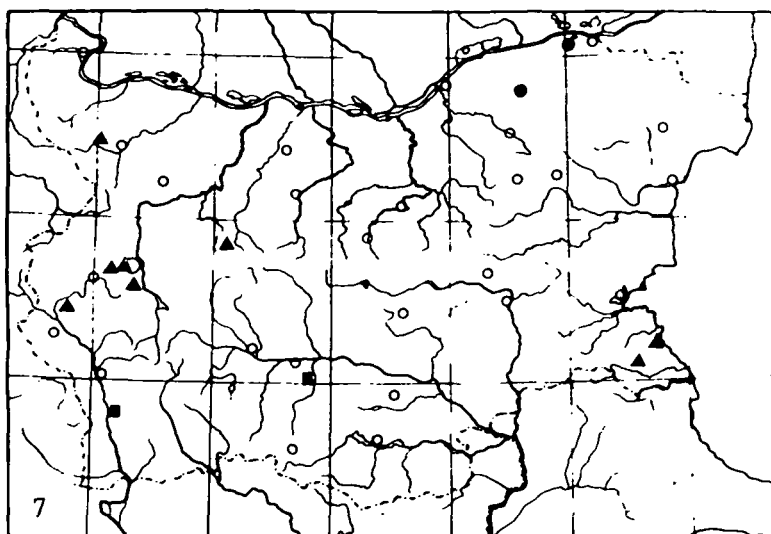
- 4 ▲ *Drymonia velitaris* (HUFNAGEL, 1766)
 ● *Drymonia melagona* (BORKHAUSEN, 1790)



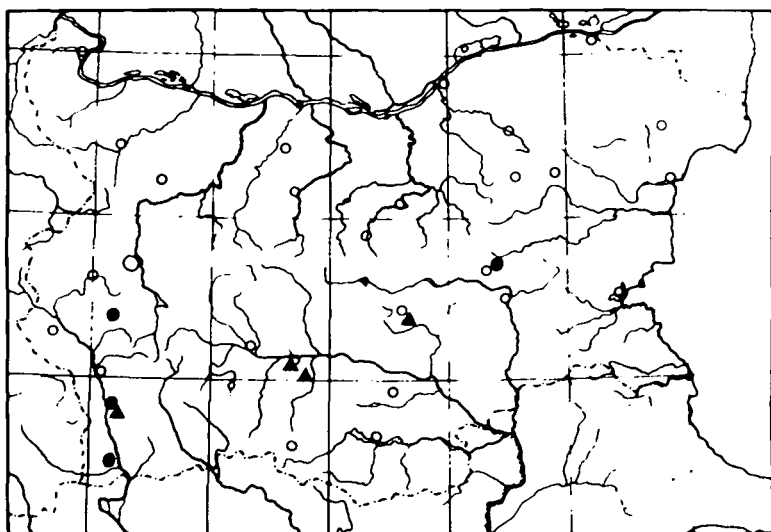
- 5 ▲ *Drymonia querna* ([DENIS & SCHIFFERMÜLLER ,1775)
 ● *Paradrymonia vittata* (STAUDINGER,1892)



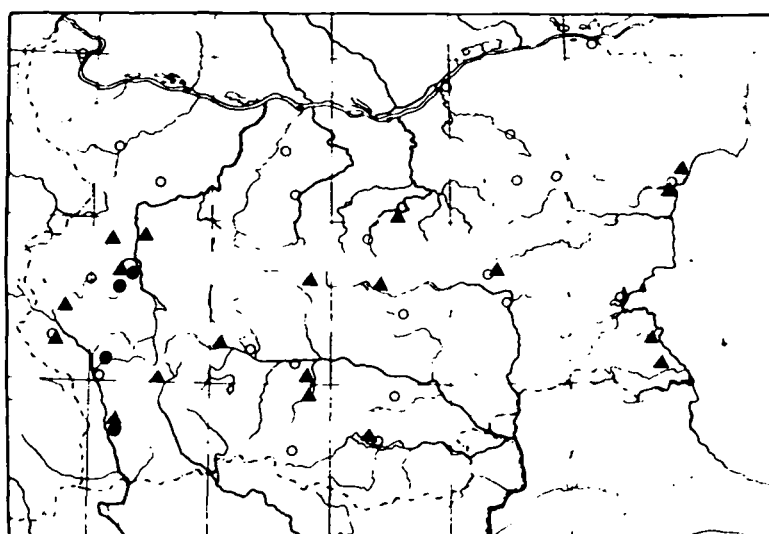
- 6 ▲ *Pheosia tremula* (CLERCK,1759)
 ● *Pheosia gnoma* (FABRICIUS,1777)



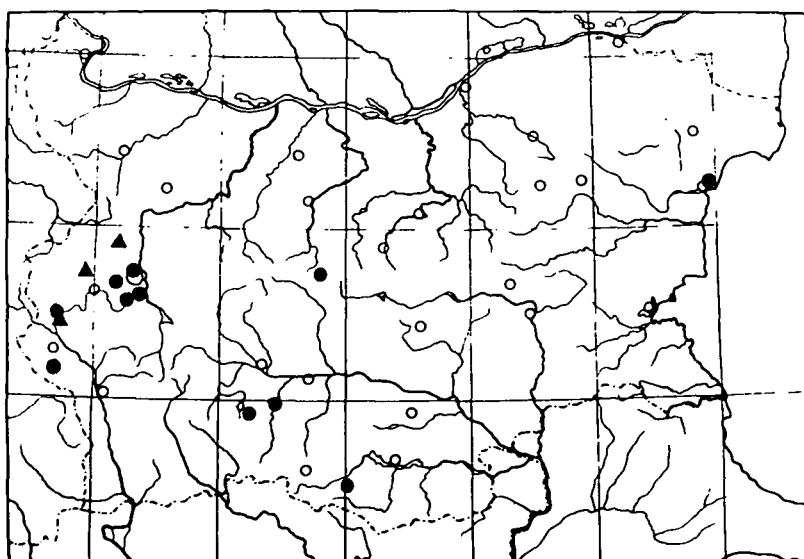
- ▲ *Ptilodontella cucullina* ([DENIS & SCHIFFERMÜLLER], 1775)
 ■ *Rhegmatothila alpina* (BELLIER DE LA CHAVIGNERIE, 1881)
 ● *Gluphisia crenata* (ESPER, 1785)



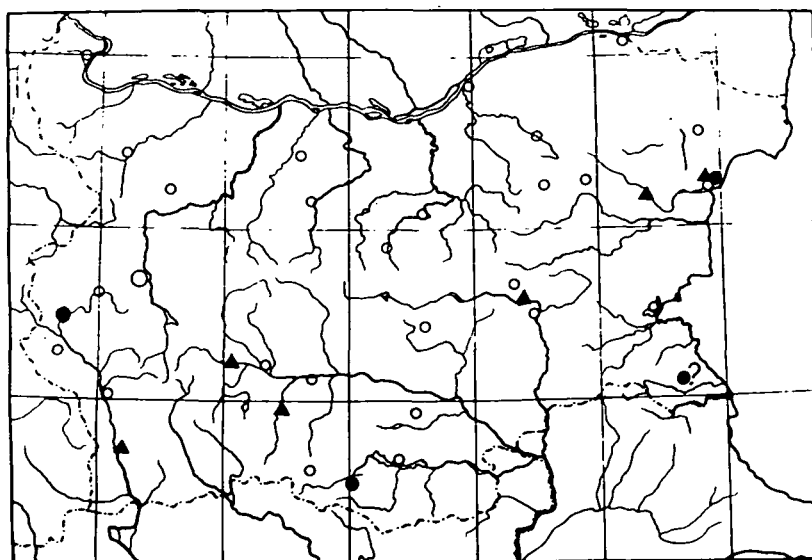
- 8 ▲ *Thaumetopoea solitaria* (FREYER, 1838)
 ● *Lemonia taraxaci* ([DENIS & SCHIFFERMÜLLER], 1775)



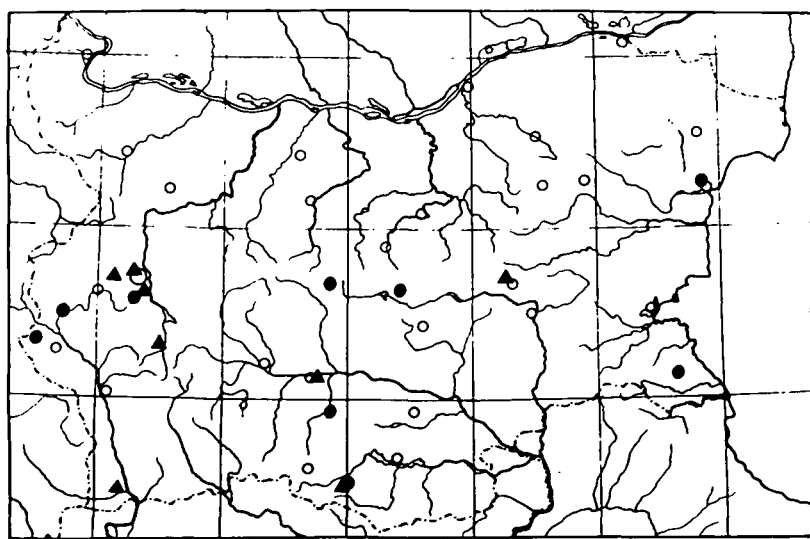
- 9 ▲ *Perisomena caecigena* (KUPIDO, 1825)
 ● *Endromis versicolora* (LINNAEUS, 1758)



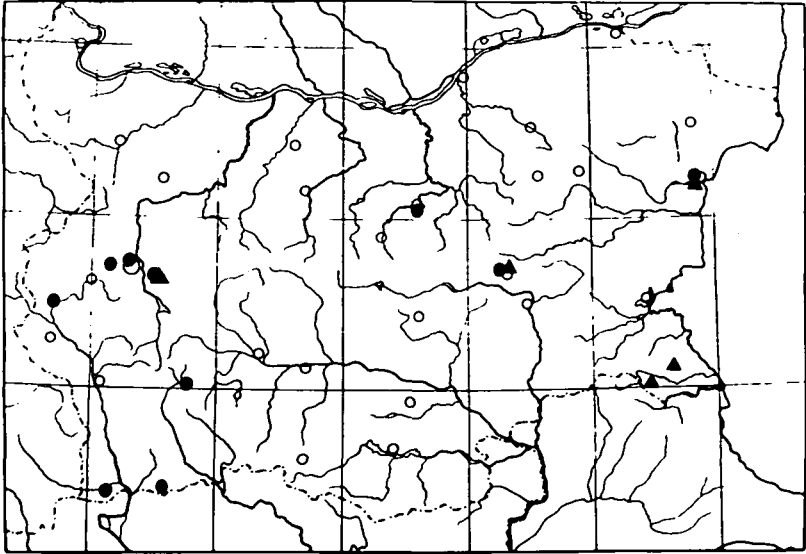
- 10 ● *Poecilocampa populi* (LINNAEUS, 1758)
 ▲ *Poecilocampa alpina* (FREY & WULLSCHLEGEL, 1874)



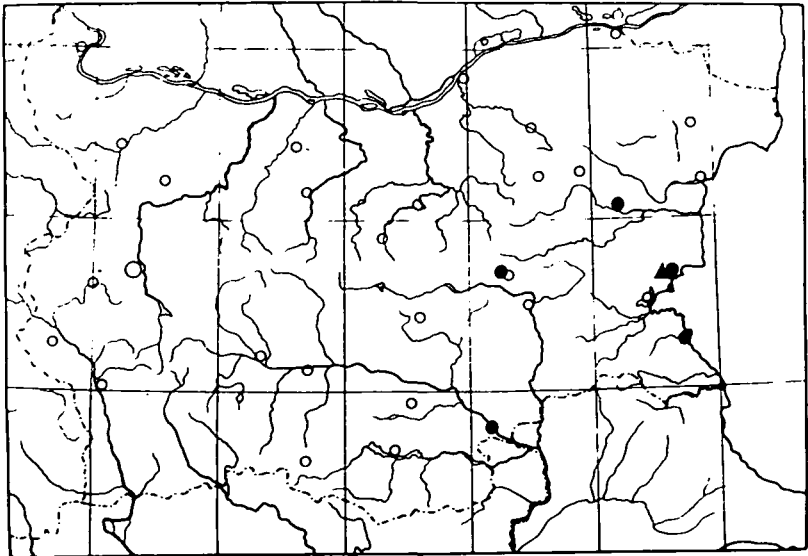
- 11 ● *Trichiura verenae* WITT, 1981
 ▲ *Pachypasa otus* (DRURY, 1773)



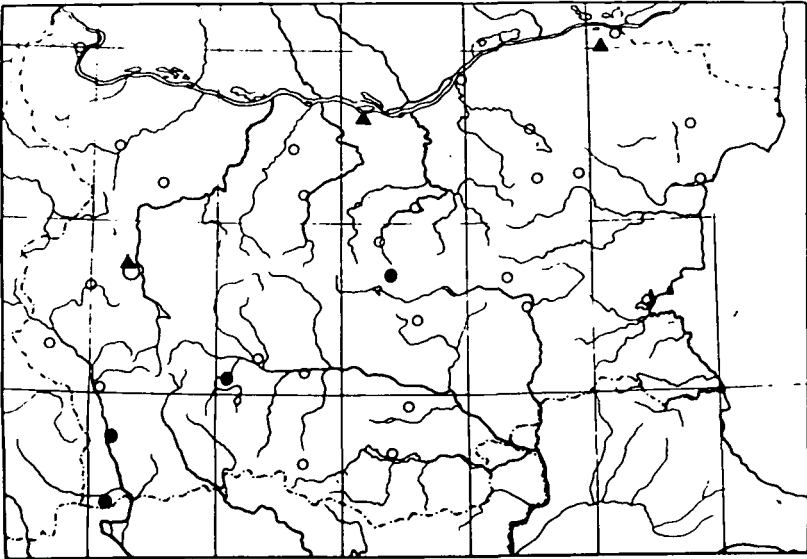
- 12 ● *Eriogaster rimicola* ([DENIS & SCHIFFERMÜLLER], 1775)
 ▲ *Eriogaster catax* (LINNAEUS, 1758)



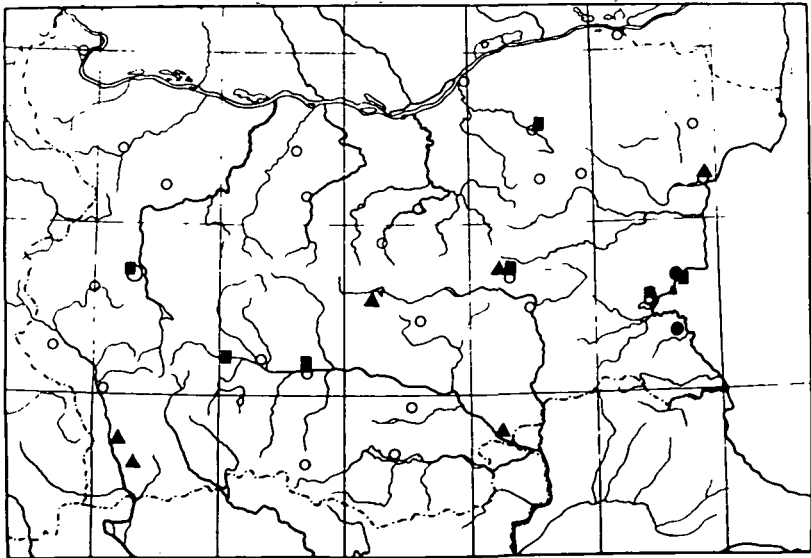
- 13 ● *Malacosoma castrensis* (LINNAEUS, 1758)
▲ *Malacosoma franconicum* ([DENIS & SCHIFFERMÜLLER], 1775)



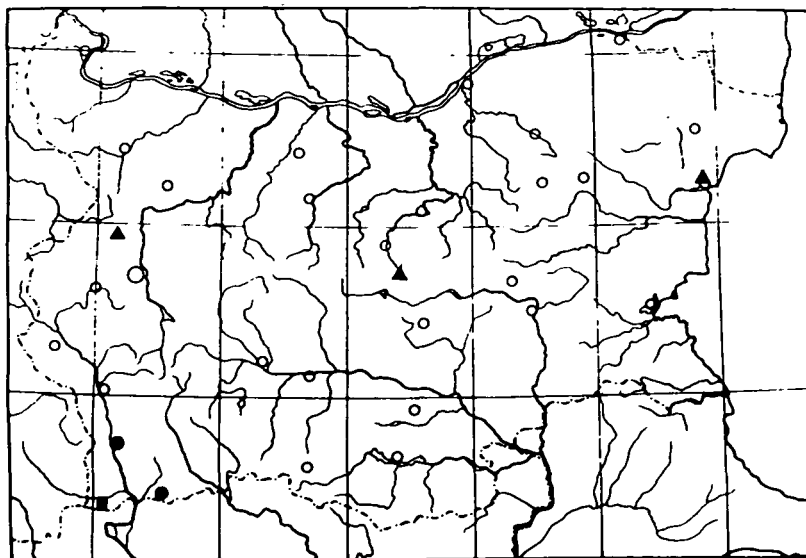
- 14 ● *Lasiocampa grandis* (ROGENHOFER, 1891)
▲ *Lasiocampa eversmanni* (EVERSMANN, 1843)



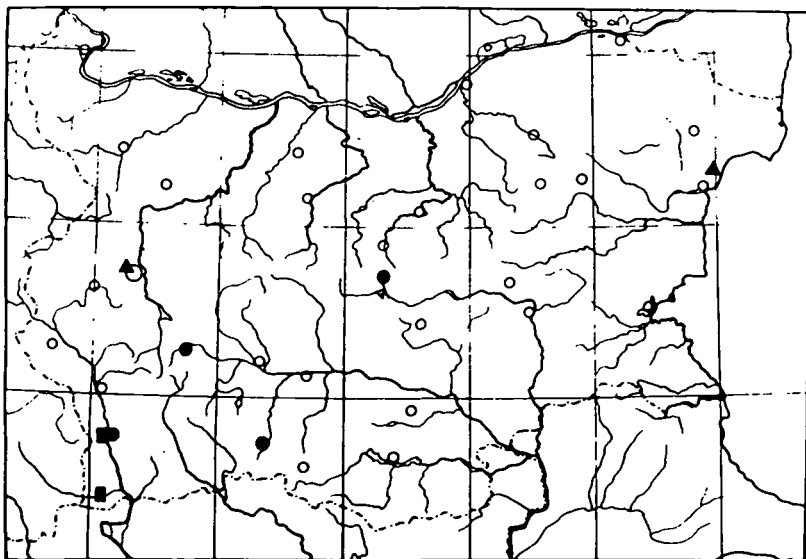
15 ● *Phyllodesma ilicifolia* (LINNAEUS, 1758)
 ▲ *Gastropacha populifolia* (ESPER, 1783)



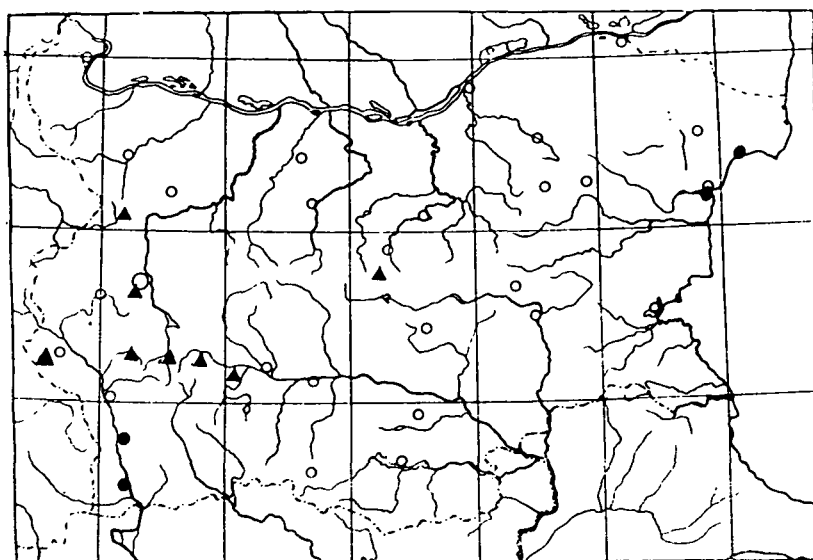
16 ● *Dolbina elegans* (BANG-HAAS, 1912)
 ▲ *Hemaris croatica* (ESPER, 1779)
 ■ *Daphnis nerii* (LINNAEUS, 1758)



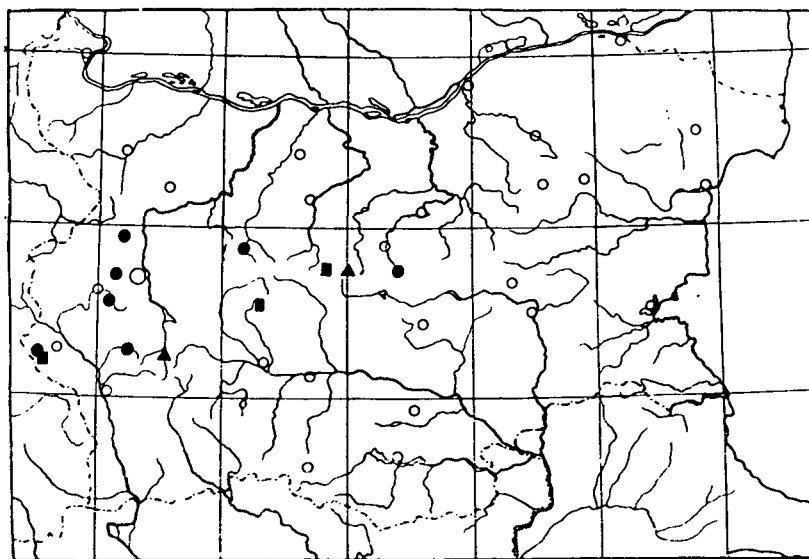
- 17 ● *Rethera komarovi* (CHRISTOPH, 1885)
 ▲ *Hyles gallii* (ROTTEMBURG, 1775)
 ■ *Hyles nicaea* (DE PRUNNER, 1798)



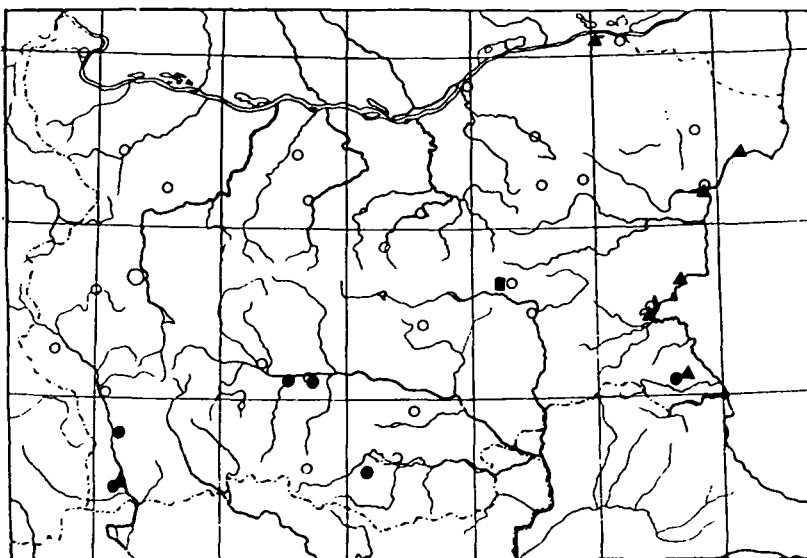
- 18 ● *Hyles vespertilio* (ESPER, 1780)
 ▲ *Hippotion celerio* (LINNAEUS, 1758)
 ■ *Theretra alecto* (LINNAEUS, 1758)



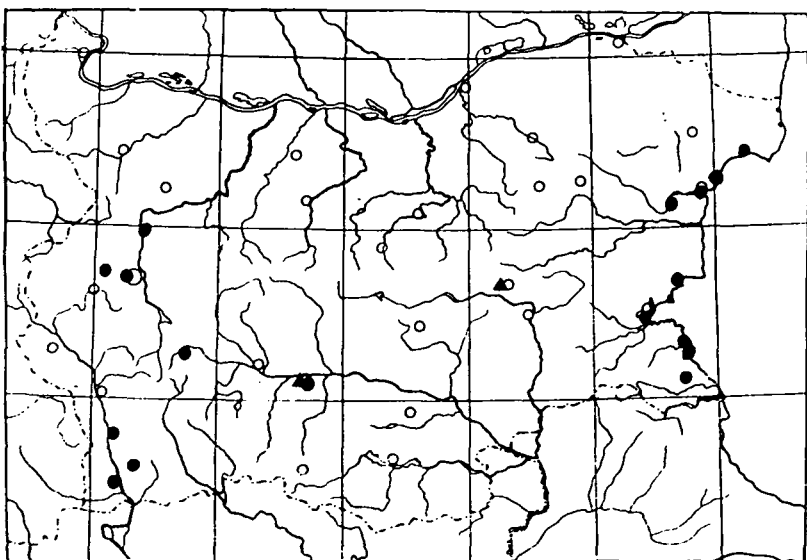
- 19 ▲ *Hepialus humuli* (LINNAEUS, 1758)
 ● *Triodia amasinus* (HERRICH-SCHÄFFER, 1851)



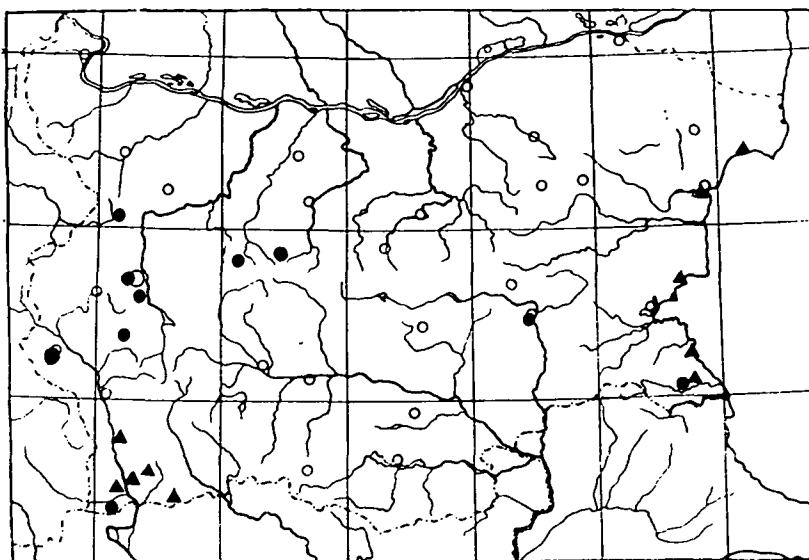
- 20 ▲ *Phymatopus hecta* (LINNAEUS, 1758)
 ● *Korscheltellus lupulinus* (LINNAEUS, 1775)
 ■ *Korscheltellus fusconebulosa* (DE GEER, 1778)



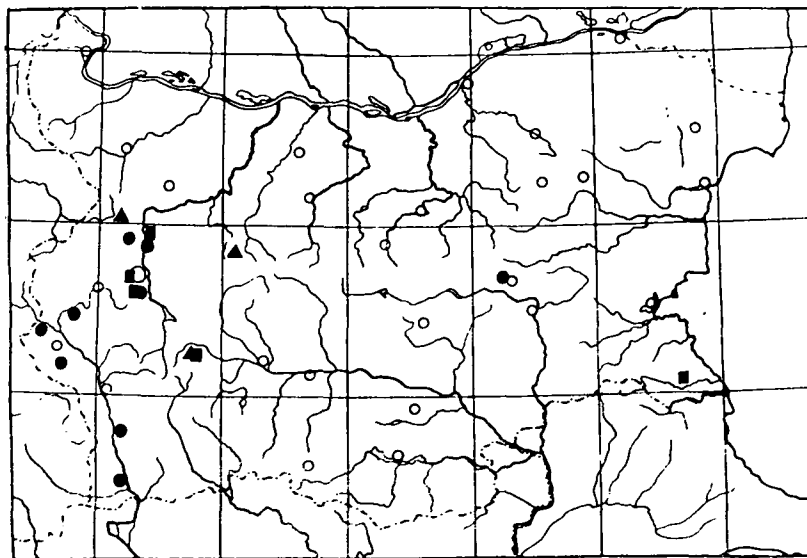
- 21 ▲ *Phragmataecia castaneae* (HÜBNER, 1790)
 ● *Lamellocossus terebra* ([DENIS & SCHIFFERMÜLLER], 1775)
 ■ *Cossus balcanicus* LEDERER,



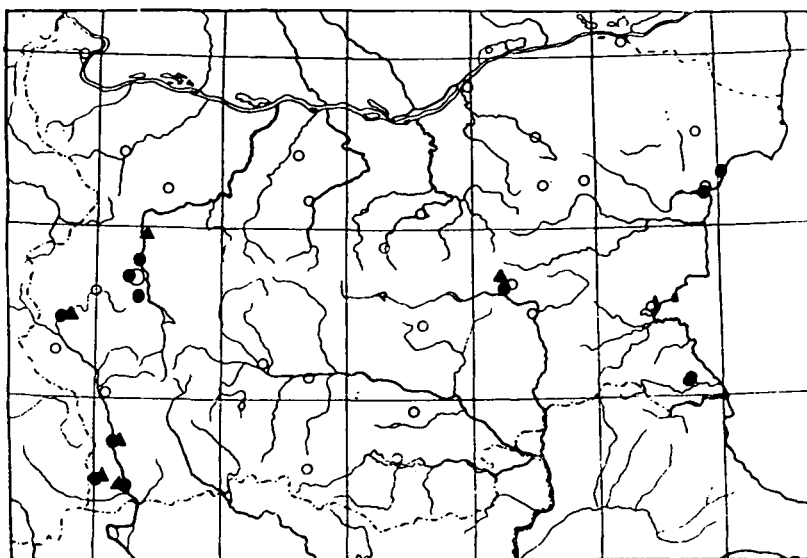
- 22 ▲ *Catopta thrips* (HÜBNER, 1818)
 ● *Parahypopta caestrum* (HÜBNER, 1808)



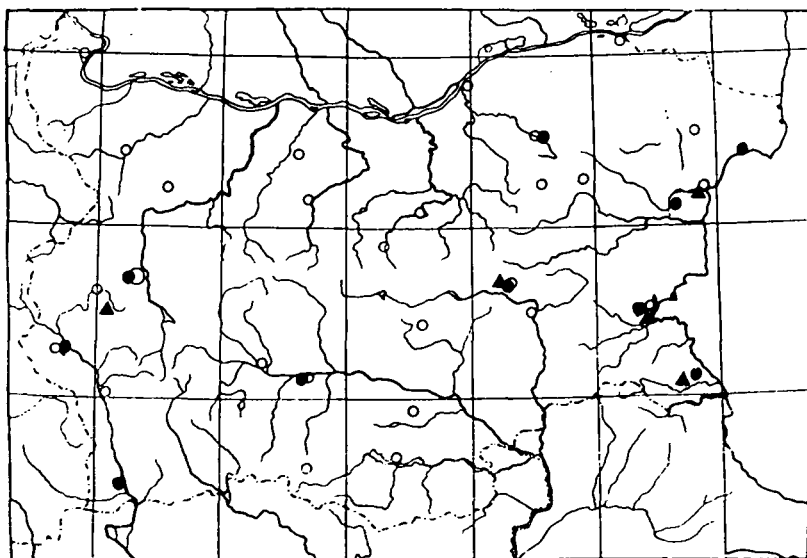
- 23 ▲ *Dyspessa salicicola* EVERSMAHN,
● *Tethea or* ([DENIS & SCHIFFERMÜLLER], 1775)



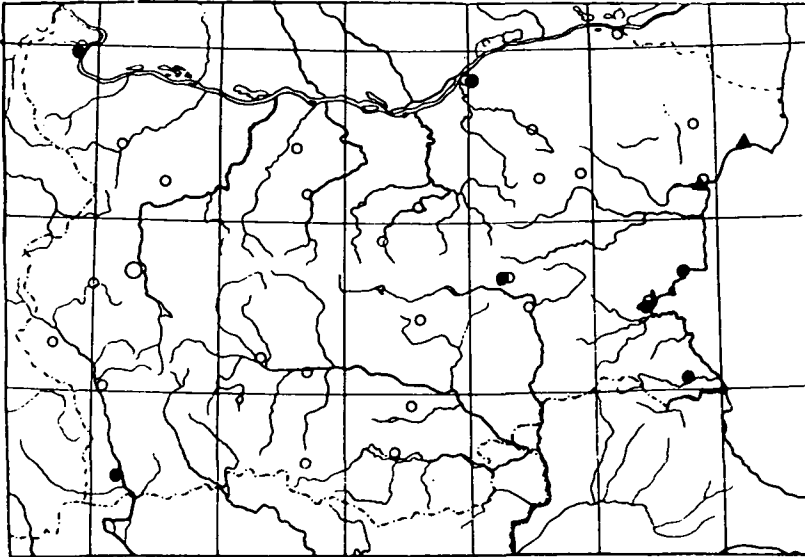
- 24 ▲ *Ochropacha duplaris* (LINNAEUS, 1761)
● *Cymatophorima diluta* ([DENIS & SCHIFFERMÜLLER], 1775)
■ *Achlya flavicornis* (LINNAEUS, 1758)



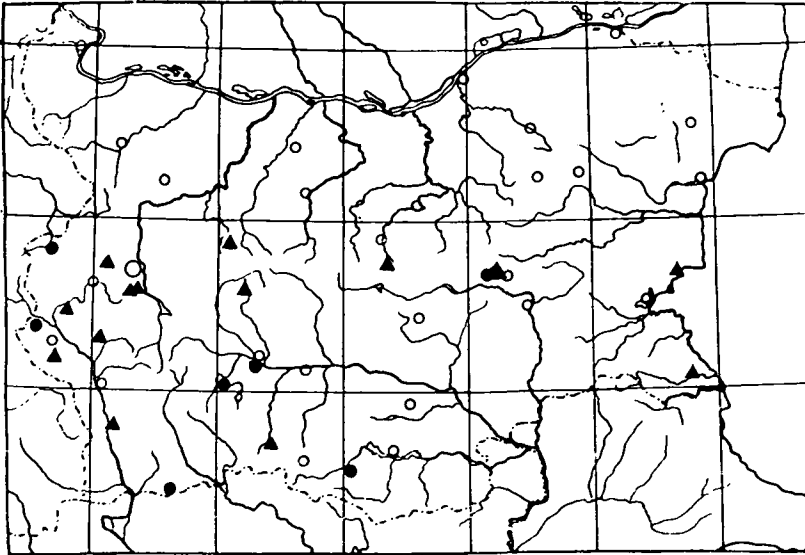
- 25 ▲ *Polyploca ridens* (FABRICIUS, 1787)
● *Polyploca ruficollis* ([DENIS & SCHIFFERMÜLLER], 1775)



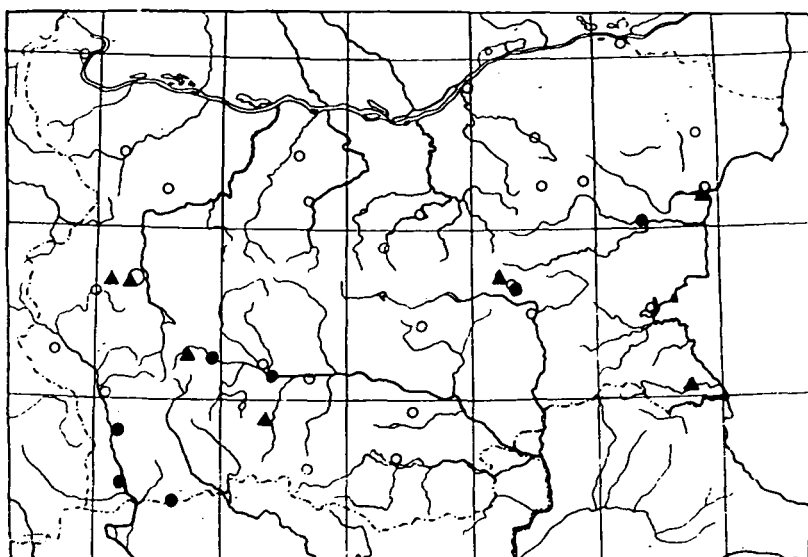
- 26 ▲ *Laelia coenosa* (HÜBNER, [1808])
● *Orgyia antiqua* (LINNAEUS, 1758)



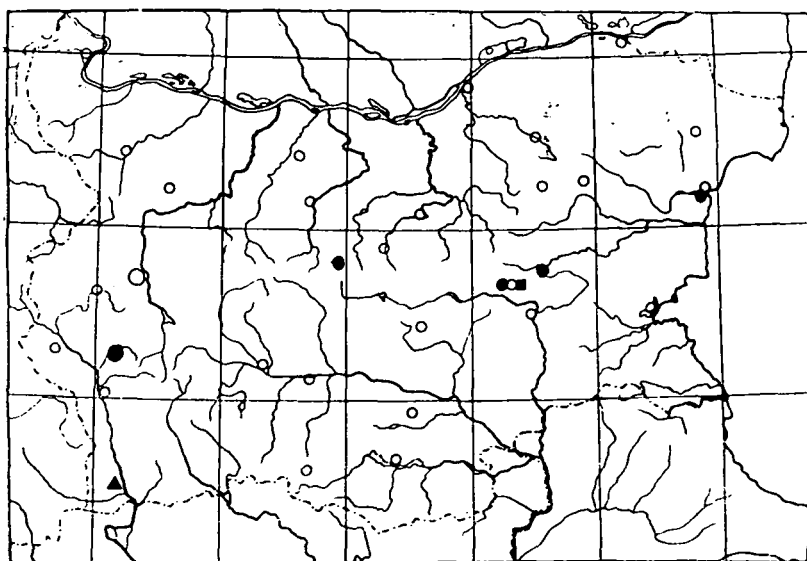
- 27 ▲ *Teia ericae* (GERMAR, 1818)
 ● *Sphrageidus similis* (FUESSLY, 1775)



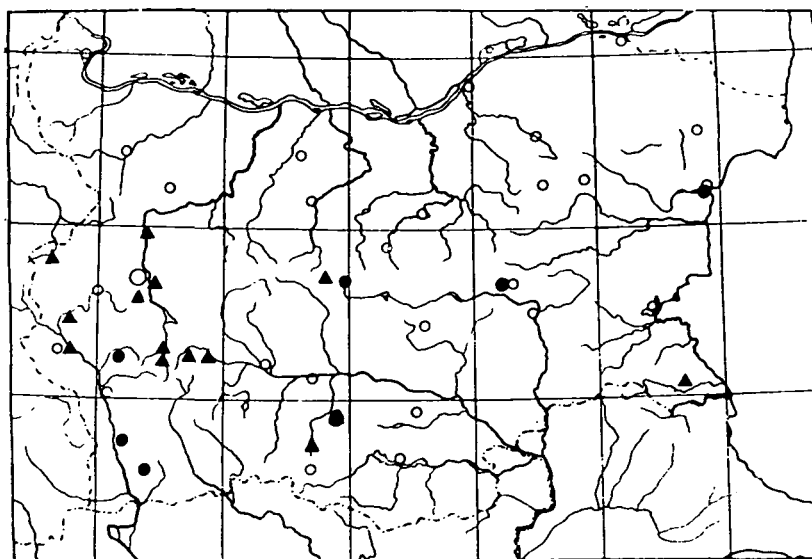
- 28 ▲ *Arctornis l-nigrum* (MÜLLER, 1764)
 ● *Ocneria rubea* (FABRICIUS, 1787)



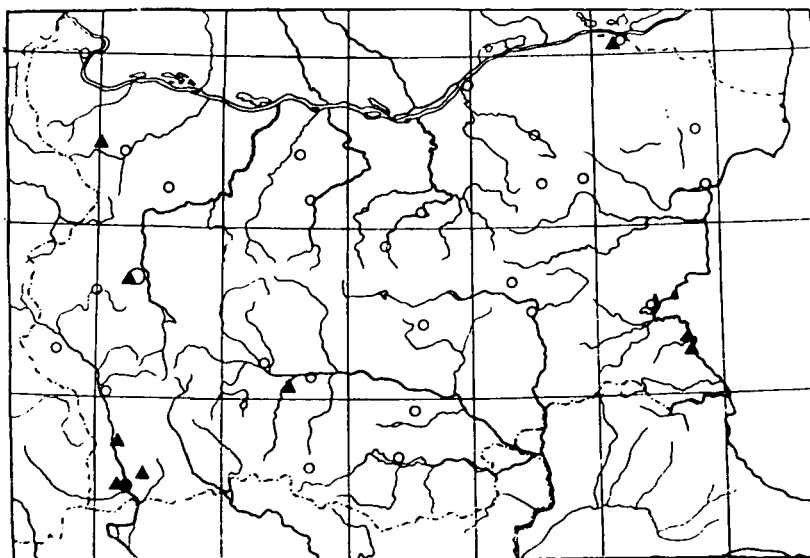
29 ▲ *Parocneria detrita* (ESPER, 1785)
 ● *Parocneria terebynthi* (FREYER, 1839)



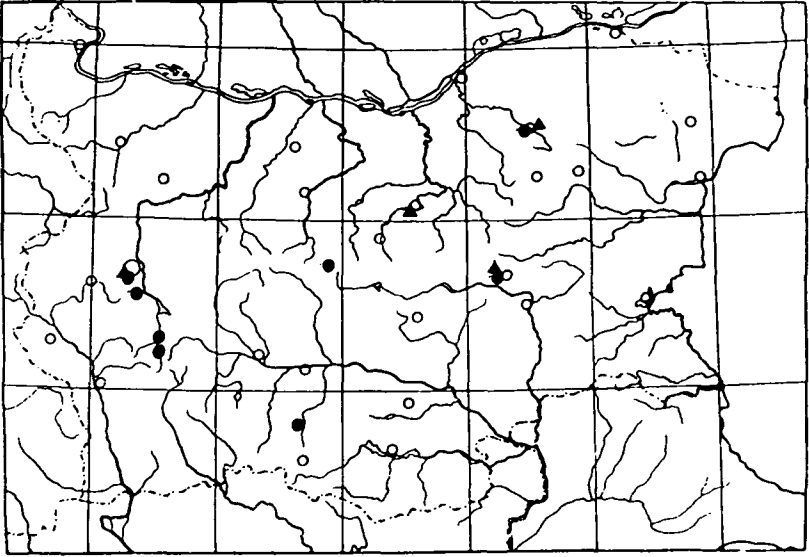
30 ▲ *Thumata senex* (HÜBNER, [1808])
 ● *Setina roscida* ([DENIS & SCHIFFERMÜLLER], 1775)
 ■ *Nudaria mundana* (LINNAEUS, 1761)



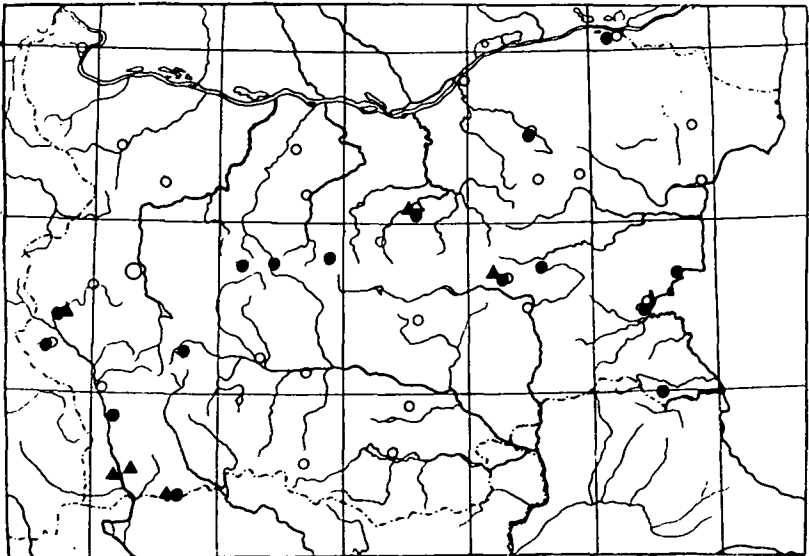
- 31 ▲ *Atolmis rubricollis* (LINNAEUS, 1758)
 ● *Cybosia mesomella* (LINNAEUS, 1758)



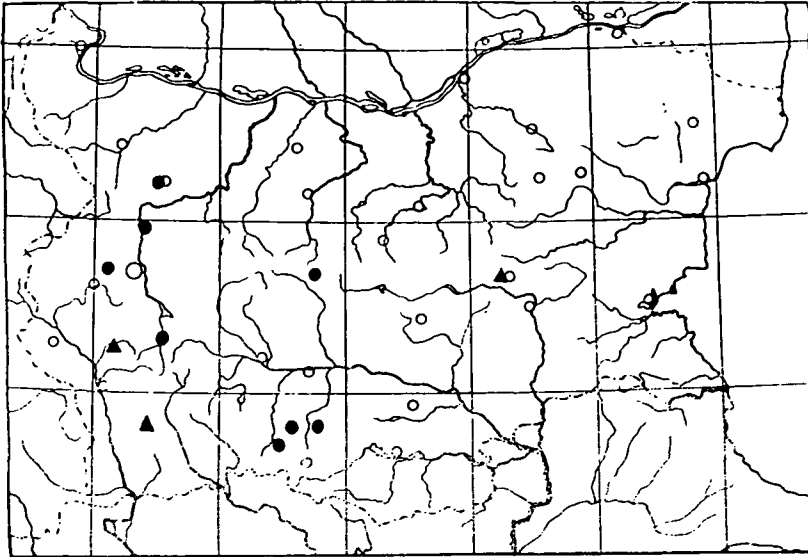
- 32 ▲ *Pelosia muscerda* (HUFNAGEL, 1766)
 ● *Pelosia obtusa* (HERRICH-SCHÄFFER, 1852)



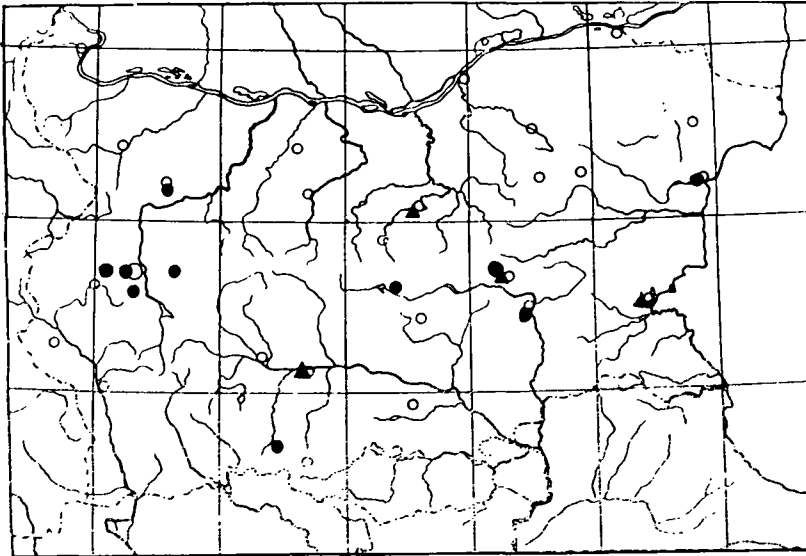
- 33 ▲ *Eilema griseola* (HÜBNER, [1803])
 ● *Eilema lutarella* (LINNAEUS, 1758)



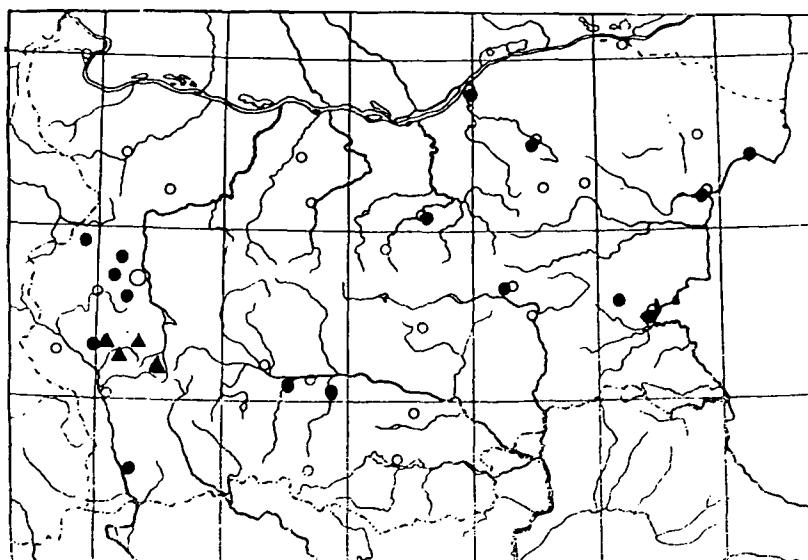
- 34 ▲ *Eilema pygmaeola pallifrons* (ZELLER, 1847)
 ● *Eilema morosina* (HERRICH-SCHÄFFER, 1848)



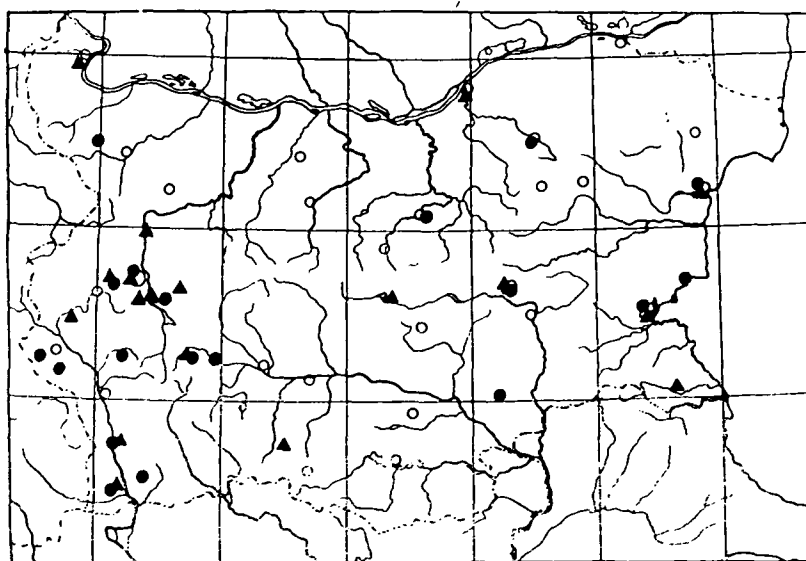
- 35 ▲ *Eilema deplana* (ESPER, 1787)
 ● *Coscinia cribraria* (LINNAEUS, 1758)



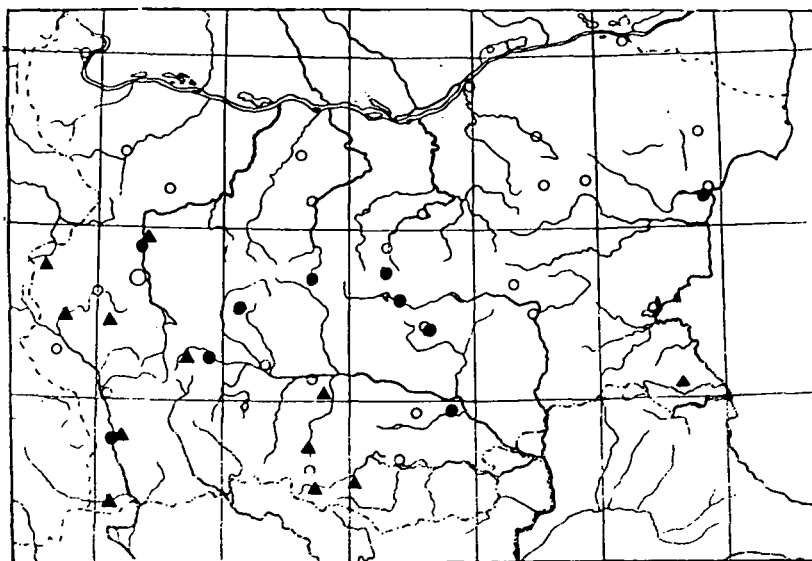
- 36 ▲ *Utetheisa pulchella* (LINNAEUS, 1758)
 ● *Hyphoraia aulica* (LINNAEUS, 1758)



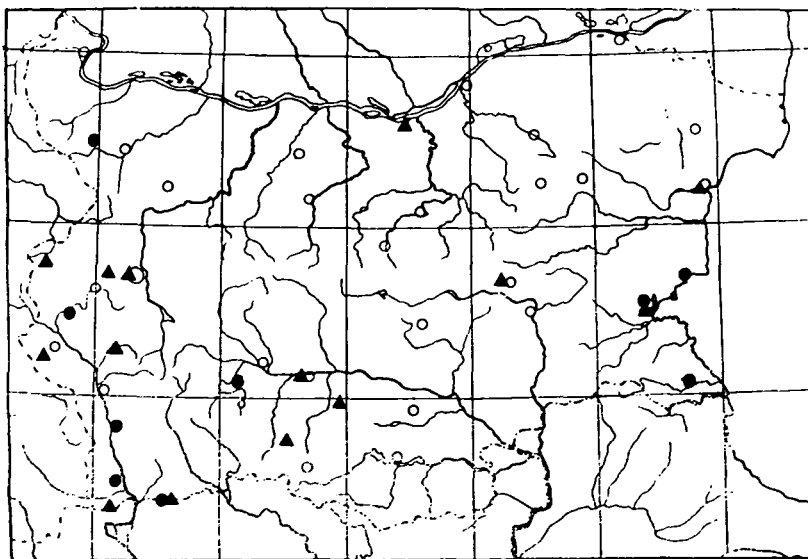
- 37 ▲ *Arctia flavia* (FUESSLY, 1779)
 ● *Arctia festiva* (HUFNAGEL, 1776)



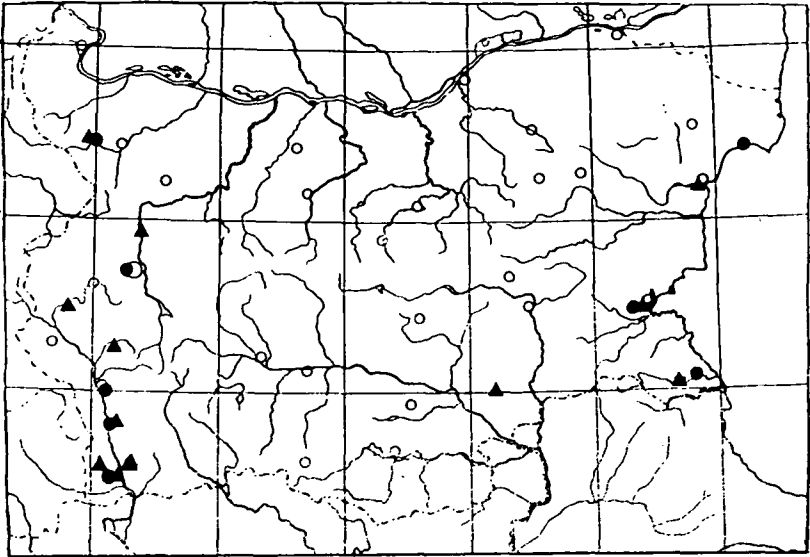
- 38 ▲ *Ocnogyna parasita* (HÜBNER, 1790)
 ● *Rhyparia purpurata* (LINNAEUS, 1758)



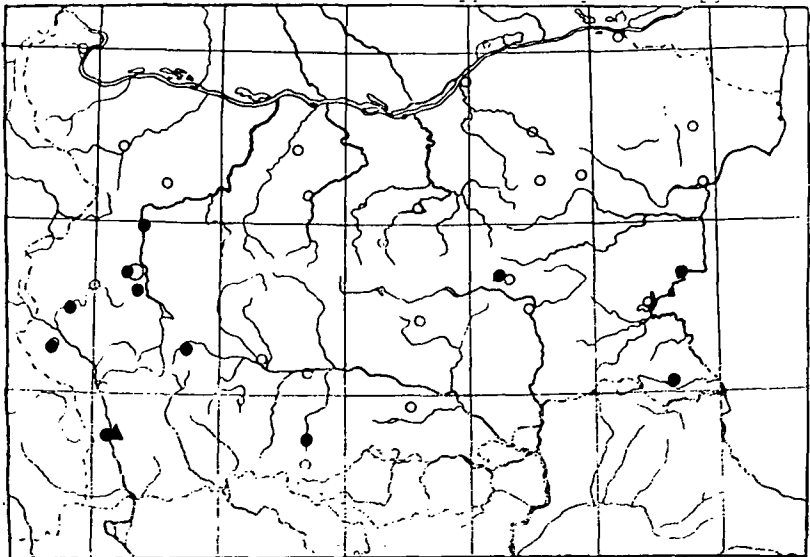
- 39 ▲ *Diaphora luctuosa* (HÜBNER, [1830/31])
 ● *Phragmatobia caesarea* (GOEZE, 1781)



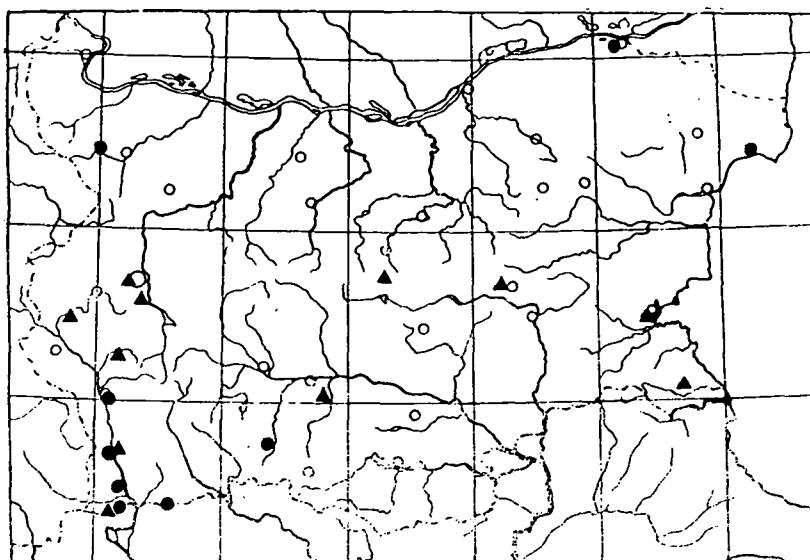
- 40 ▲ *Chelis maculosa* (GERNING, 1780)
 ● *Meganola togatulalis* (HÜBNER, 1796)



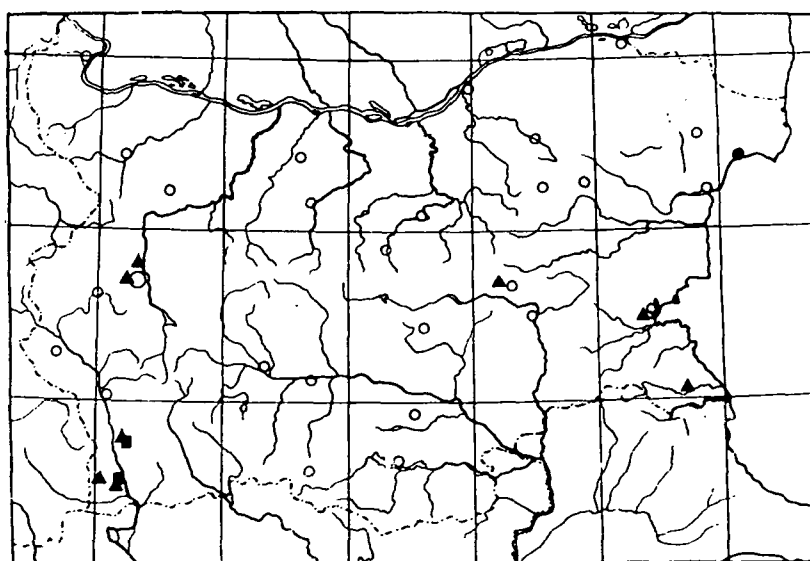
- 41 ▲ *Meganola strigula* ([DENIS & SCHIFFERMÜLLER], 1775)
 ● *Meganola albula* ([DENIS & SCHIFFERMÜLLER], 1775)



- 42 ▲ *Meganola gigantula* (STAUDINGER, 1878)
 ● *Nola cucullatella* (LINNAEUS, 1758)



- 43 ▲ *Nola confusalis* (HERRICH-SCHÄFFER, 1847)
 ● *Nola aerugula* (HÜBNER, 1793)



- 44 ▲ *Nola cicatricalis* (TREITSCHKE, 1835)
 ● *Nola cristatula* (HÜBNER, 1793)
 ■ *Nola subchlamydula* STAUDINGER, 1870

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