

## THE LEPIDOPTERA OF BUCHAREST AND ITS SURROUNDINGS (ROMANIA)

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**Abstract.** This study presents a synthesis of the current knowledge regarding the Lepidoptera fauna of Bucharest and the surrounding areas within a distance up to 50 kilometers around the Romanian capital. Data about the fauna composition are presented: the results of the research work beginning with the end of the 19<sup>th</sup> century, as well the results of the research work carried out in the last 15 years. The research initiated and done by the author himself, led to the identification of 180 species which were unknown in the past. Even if the natural habitats from this region have undergone through radical changes in the 20<sup>th</sup> century, the area still preserves a quite rich and interesting Lepidoptera fauna. The forests provide shelter to rich populations of the hawk moth *Dolbina elegans* A. Bang-Haas, 1912, one of the rarest Sphingidae in Europe, and some other species with high faunistical and zoogeographical value as: *Noctua haywardi* (Tams, 1926) (it is new record for the Romanian fauna from this area), *Catocala dilecta* (Hübner, 1808), *Tarachidia candefacta* (Hübner, [1831]), *Chrysodeixis chalcites* (Esper, [1789]), *Aedia leucomelas* (Linnaeus, 1758), and *Hecatera cappa* (Hübner, [1809]). We also present and discuss the current status of the protected Lepidoptera species from the surroundings of the Romanian capital for the first time.

**Résumé.** Ce travail représente une synthèse des connaissances actuelles concernant la faune de lépidoptères de Bucarest et de ses zones limitrophes sur un rayon de 50 km autour de la capitale de la Roumanie. On présente toutes les données sur la composition de la faune de lépidoptères publiées à partir de la fin du XIX-ème siècle, ainsi que les résultats des dernières 15 années. Les recherches faites par l'auteur après 1966 ajoutent 180 nouvelles espèces pour la région. Bien que le cadre naturel de cette région ait été radicalement changé au cours du XX-ème siècle, elle conserve une assez riche et intéressante faune. Les forêts abritent de nombreux exemplaires du sfingide *Dolbina elegans* A. Bang-Haas, 1912, l'une des plus rares espèces de sfingide de l'Europe, ainsi que d'autres espèces de valeur faunistique et zoogéographique comme *Noctua haywardi* (Tams, 1926) (signalée de cette zone comme nouvelle pour la faune de Roumanie), *Catocala dilecta* (Hübner, 1808), *Tarachidia candefacta* (Hübner, [1831]), *Chrysodeixis chalcites* (Esper, [1789]), *Aedia leucomelas* (Linnaeus, 1758) et *Hecatera cappa* (Hübner, [1809]). On présente pour la première fois la situation actuelle des espèces protégées par la législation européenne et nationale de la zone de la capitale roumaine.

**Key words:** Lepidoptera, fauna, old records, new records, Bucharest, Romania.

### INTRODUCTION

The surroundings of the large European cities and especially the surroundings of the capitals have suffered major changes of natural scenery in the 20<sup>th</sup> century, that affected the Lepidoptera fauna (butterflies and moths), too. Romania was not an exception since its capital and the surrounding areas have undergone radical changes in the last 100 years. The study of the Lepidoptera fauna has begun in this region around 1880 and the first published studies about the Lepidoptera fauna of

Romania have partially referred to this area too (Caradja, 1896; Montandon, 1900; Abafi-Aigner, 1901; Salay, 1910). They represented the only reliable knowledge about the fauna of Bucharest (“București” in Romanian). In those times, however, the surroundings of the Romanian capital were very different compared to what can be seen nowadays. There were much wider forested areas, wetlands, moors and large areas of land were farmed by traditional means. Even in the inner city there was a much richer Lepidoptera fauna than nowadays, because in a city made up mainly of gardens and houses, as Bucharest used to be in those times, the butterfly and moth species assemblages were different compared to the nowadays fauna of apartment-building districts.

The scenery of Bucharest and its surroundings has radically changed after the 1950s, as soon as the land areas were brought under intensive farming, the wetlands under drainage work, the herbicides and insecticides were used on a large scale, and transports and urbanization were developed (Székely, 1994). The research work started by A. Ostrogovich upon the Lepidoptera fauna until 1935 and the research started by the eminent entomologist A. Popescu-Gorj in 1938 (Popescu, 1938, 1939; Popescu-Gorj, 1960, 1964) has practically ended the study of Lepidoptera-fauna from Bucharest and its surroundings from that period. Due to the alterations of natural environment, the research work has entered a period of decline after 1970, and many of the species which had been recorded 50-100 years before, were considered as “probably extinct”.

The aim of this work is to demonstrate the contrary. The researches from the period 1996-2010 have brought new results and, based on these new data, we can conclude that the surroundings of Bucharest (Fig. 1) still preserve, even at present, a fairly rich and varied entomofauna. A lot of species that were considered “probably extinct” were recorded again. 180 species are completely new to this region and 55 species are new to Wallachia. *Noctua haywardi* (Tams, 1926) was reported as a new record for the entomofauna of Romania based on material collected in this region (Székely & Stanciu, 2002). The forests surrounding the capital city provide shelter to rich populations of *Dolbina elegans* A. Bang-Haas, 1912, one of the rarest hawk moths of the European Lepidoptera fauna and 17 species would be welcome for European and Natural laws.

#### MATERIAL AND METHODS

The material was collected by aiming the still forested areas. The diurnal collecting was done with the insect net, while the nocturnal species were captured by using a 125W mercury vapor bulb placed in front of a white sheet. In addition, three to five portable light traps with 8W white and black light tubes were used during each collecting event.

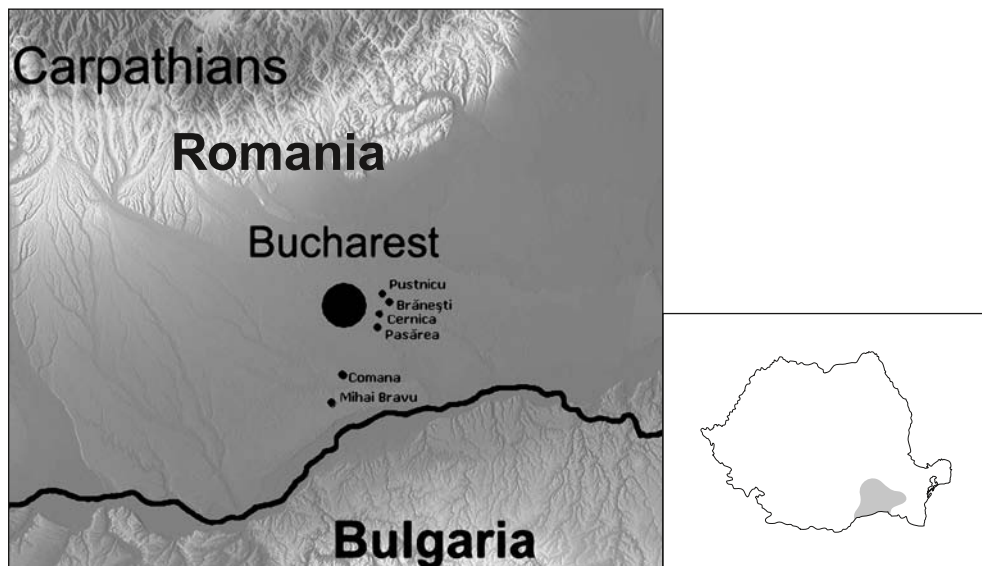


Fig. 1 - Localities investigated for this study in the period 1996-2010.

Two - three centuries ago, forests covered large territories in the surroundings of Bucharest. The famous “Codrii Vlăsiei – Vlăsiei Forest”, to which the aforementioned forested areas pertained to, were gradually clear cut. Now such forested areas form island-like patches, on restrained territories of forest vegetation. The climate is continental, with very hot summers and frosty winters. The yearly average temperature is 10-11°C. The highest average temperatures occur in July when they exceed 23°C. The yearly rainfall is around 500-600 mm with mostly heavy summer showers. The winter is characterized by cold air intrusions but snowfalls are scarce.

Wallachia (“Muntenia” in Romanian) is a historical region in southern Romania. Its boundaries are the Carpathian Mountains in north (which delimits of Transylvania), in west the Olt River (which separates it from Oltenia), in south and east the Danube River (which delimits Bulgaria and Dobrogea). Dobrogea is a historical province of Romania located east of Wallachia, and Oltenia another historical province situated west of Wallachia.

The Romanian Plain (Câmpia Română) is located in southern Romania. Part of the historical region of Wallachia, it is bordered by the Danube River in the east, south and west, and by the Getic Plateau in the north. Bucharest, the capital of Romania, is located in the central part of the Romanian Plain. It is contiguous to the south with the Danubian Plain, in Bulgaria.

This work comprises the data gathered during the systematic collection work done in different forested areas that surround the capital: Brănești (the Bridge of Brănești, the former small railway station CFR-Cozieni), Pasărea (the forest district

and the vicinity of the railway station), Comana (Comana Forest), Cernica (the vicinity of the monastery) and Pustnicu (Pustnicu Forest). In these areas collecting activities were done during different periods of the year (May – October) between 1996 – 2010 (Fig. 1). Occasional collecting has been carried out at: Călugăreni, Jilava, Pădurea Buda (Buda Forest). The source of the systematic order is „The Lepidoptera of Europe” (Karlsholt & Razowsky, 1996).

List of collecting localities with geographical coordinates (Fig. 1):

Pustnicu - forest in Ilfov county (44°53' N / 26°09' E)

Brănești - village in Ilfov county (44°45' N / 26°33' E)

Cernica – village and forest in Ilfov county (44°40' N / 26°26' E)

Pasărea – village and forest in Ilfov county (44°28' N / 26°19' E)

Comana – village and forest in Giurgiu county (44°17' N / 26°13' E)

Mihai Bravu - village in Giurgiu county (44°13' N / 26°05' E)

Abbreviations:

\*- new species for Bucharest and its surroundings

\*\* - older records, considered doubtful at present

very rare (1–3 specimens/collecting day or night)

rare (4–9 specimens/collecting day or night)

common (10–29 specimens/collecting day or night)

very common (more than 30 specimens/collecting day or night).

Păd. = forest (“pădure” in Romanian)

♂ = male, ♀ = female

## RESULTS

The results of the research work done between 1996-2010 comprise for now about 520 species. Considering the whole amount of literature data, the area of Bucharest and its surroundings can be considered as being intensely entomologically researched, since 822 species of Lepidoptera (590 species of Macrolepidoptera and 232 species of Microlepidoptera) have been recorded up to the present day.

From the impressive amount of 822 species we can find data in literature referring to 632 of them. Therefore, the faunistic list of Lepidoptera of Bucharest and its surroundings has increased by 180 species which hadn't been reported in the past.

Concerning the butterflies (Papilionoidea & Hesperioidea), over 50% of the species that have been recorded in the past were not found again. One should however not forget the fact that 100 years ago researchers investigated mostly the butterfly-fauna. Another aspect to be taken into consideration is the fact that the habitats of these species were altered considerably during the last 100 years since these species favour open areas, forest selvages and clearings, all being habitats which were most severely altered by man.

## FAUNISTIC LIST OF LEPIDOPTERA

## Family Lasiocampidae

*Eriogaster lanestris* (Linnaeus, 1758): București, 28.III.1895, coll. Salay, (Popescu-Gorj, 1964).

*Malacosomaneustria* (Linnaeus, 1758): Brănești, Pasărea, Pustnicu, Comana, 12.VII.-9.VIII.1996-2008, common. Further records: București, Comana (Montandon, 1900; Popescu-Gorj, 1964).

*Lasiocampa trifolii* ([Denis & Schiffermüller], 1775): Comana, Țigănești, 1915-1916 (Popescu-Gorj, 1964).

*Lasiocampa quercus* (Linnaeus, 1758)\*: Pasărea, Păd. Buda, 12.VII.-1.VIII.1997-99, rare.

*Macrothylacia rubi* (Linnaeus, 1758): Comana, Chitila, București (Popescu-Gorj, 1964).

*Euthrix potatoria* (Linnaeus, 1758)\*\*: București, 6.VI.1892, coll. Salay (Popescu-Gorj, 1964).

*Phyllodesma tremulifolia* (Hübner, 1810): Comana, Mihai Bravu, 12-13.VII.1996-97, rare. Further records: București, Comana (Popescu-Gorj, 1964).

*Gastropacha quercifolia* ([Denis & Schiffermüller], 1775): Pasărea, Pustnicu, 21.VII.-6.VIII.1996-2010, rare. Further records: București, Comana (Popescu-Gorj, 1964).

*Gastropacha populifolia* ([Denis & Schiffermüller], 1775): Brănești, 3.VIII.2004, 1 ♂. Further records: București, 17.VIII.1905, coll. Salay (Popescu-Gorj, 1964).

*Odonestis pruni* (Linnaeus, 1758): Brănești, Pasărea, Pustnicu, 25.VII.-8.VIII.1996-2009, common. Further records: București (Popescu-Gorj, 1964).

## Family Endromidae

*Endromis versicolora* (Linnaeus, 1758): Buftea, 5.IV.1890, coll. Salay (Popescu-Gorj, 1964).

## Family Saturniidae

*Agria tau* (Linnaeus, 1758)\*: Cernica, Comana, Pasărea, 1-7.V.1997-98, rare. *New record for the Romanian Plain.*

*Saturnia pyri* ([Denis & Schiffermüller], 1775): Brănești, Pasărea, Comana, 2-23.V.1999-2001, rare. Further records: București (Popescu-Gorj, 1964).

*Saturnia spini* ([Denis & Schiffermüller], 1775)\*\*: București, Comana, Filaret, 1895-1929 (Popescu-Gorj, 1964). Acceptable historical record, the species being reported from the northern territories of Bulgaria (Ruse, Razgrad, Pleven, Veliko Târnovo) (S. Beshkov, pers. comm.).

*Perisomena caecigena* (Kupido, 1825) (Fig. 2 B): Comana, 4.X.1915 (Popescu-Gorj, 1964), București, 3.X.1934, leg. Niculescu (Nemeș & Voicu, 1973), Cernica, 10-15.IX.1953, 23.IX.1954, ex. larva, leg. Niculescu (König, 1975), Comana, 15.IX.1949 (leg. A. Popescu-Gorj). Acceptable historical record, the species being recorded from the northern territories of Bulgaria (S. Beshkov, pers. comm.).

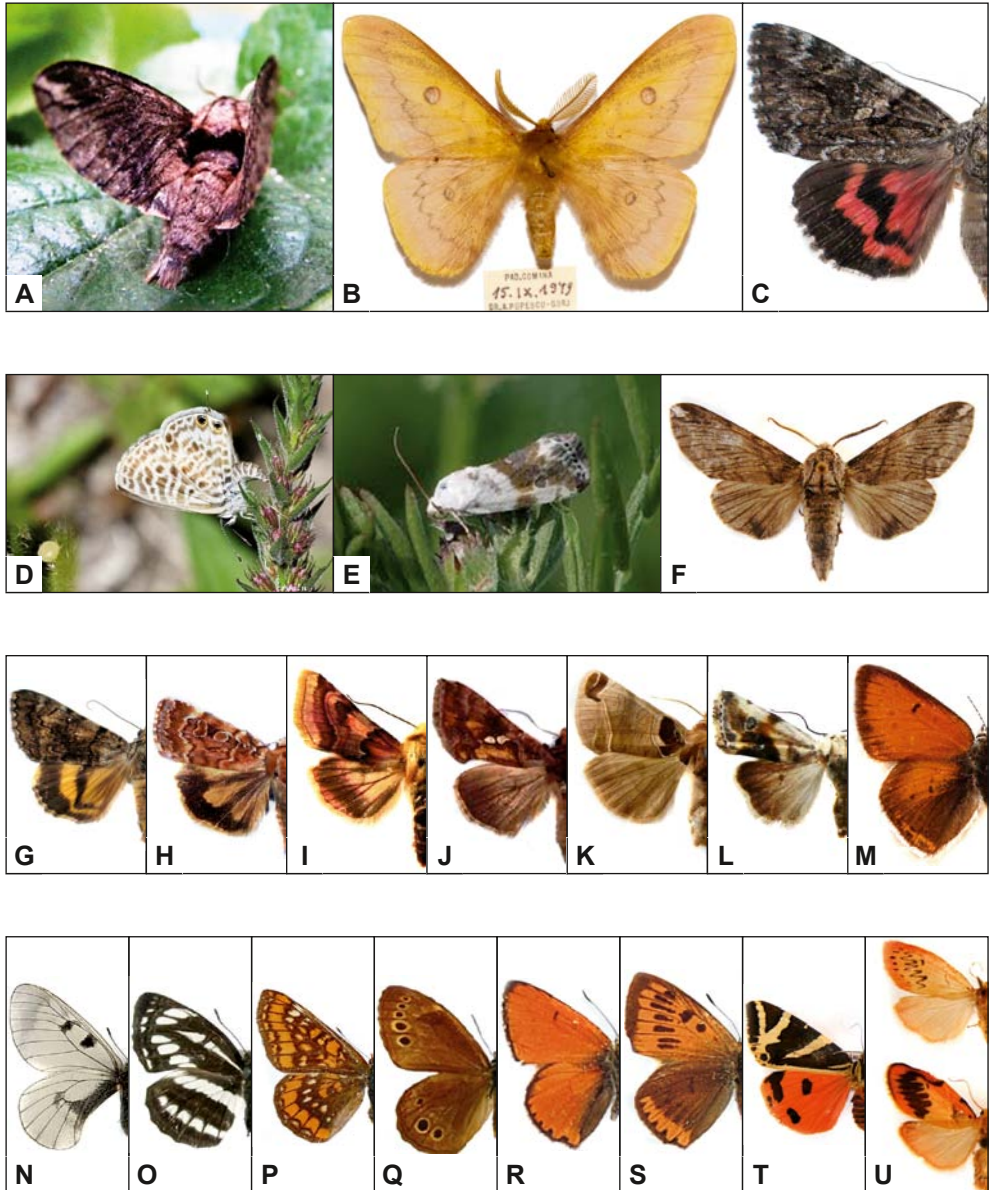


Fig. 2 - *Dolbina elegans* (A, F); *Perisomena caecigena* (B); *Leptotes pirithous* (D); *Tarachidia candefacta* (E, L); *Catocala dilecta* (C); *Catocala nymphagoga* (G); *Noctua haywardi* (H); *Periphanes delphini* (I); *Chrysodeixis chalcites* (J); *Plusidia cheiranthi* (K); *Lycaena hippothoe* (M); *Parnassius mnemosyne* (N); *Neptis sappho* (O); *Euphydryas maturna* (P); *Lopinga achine* (Q); *Lycaena dispar* (R, male; S, female); *Euplagia quadripunctaria* (T); *Mitlochista miniata* (U; bottom side - f. *fasciata*). Taxa protected by law at European or national level: A, F, K, M, N, O, P, Q, R, S, T. Foto: Levente Székely (A, C, F, G, H, I, J, K, L, N, O, P, Q, R, S, T, U); Iorgu Ionuț Ștefan (B, M); Cosmin Ovidiu Mancu (D); Cristian Mihai (E).

## Family Sphingidae

*Marumba quercus* ([Denis & Schiffermüller], 1775): Brănești, Comana, Mihai Bravu, Pasărea, 12.VII.-1.VIII.1996-2004, very common. Further records: București, Comana, Ciocănești (Popescu-Gorj, 1964).

*Mimas tiliae* (Linnaeus, 1758): Pasărea, Comana, Brănești, Pustnicu, 1-24.V. and 25.VII.-17.VIII.1996-2010, very common. Further records: Brănești, Cozieni (Popescu-Gorj, 1964).

*Smerinthus ocellata* (Linnaeus, 1758)\*: Brănești, Pasărea, 21.VII.-2.VIII.1996-2001, rare.

*Laothoe populi* (Linnaeus, 1758): Brănești, Pasărea, Cernica, 30.V.-9.VIII.1996-2010, rare. Further records: București (Popescu-Gorj, 1964).

*Agrius convolvuli* (Linnaeus, 1758): Brănești, Pasărea, Cernica, 23.VII.-2.X.1997-2001, rare. Further records: București, Otopeni (Popescu-Gorj, 1964).

*Sphinx ligustri* (Linnaeus, 1758): București (Popescu-Gorj, 1964).

*Acherontia atropos* (Linnaeus, 1758): București, Jilava, Brănești (Popescu-Gorj, 1964).

*Dolbina elegans* A. Bang-Haas, 1912 (Fig. 2 A, F): Brănești, Cernica, Cozieni, Păd. Buda, Pasărea, Pustnicu, Jilava, 7-23.V. and 24.VII.-7.VIII.1997-2010, in two broods, local common. Further records: Halta Cozieni (Popescu-Gorj, 1971). Distributed from SW-Ukraine and eastern Balkans to western and southern Turkey, northern Syria, western Jordan, northern Iraq and northern Iran. Not a very active species, with adults flying only for a short period after nightfall, usually quite close to the ground. The first specimens from Romania were taken in 1968 from Cozieni railway station near Brănești (Popescu-Gorj, 1971). Based on these specimens the subspecies *steffensi* Popescu-Gorj, 1971 has been described. There are no constant differences between the genitalia and morphology of European, Turkish and Syrian examples. This subspecific status is not justified for the European population, previously referred to as subsp. *steffensi* (Pittaway, 2010).

*Hemaris croatica* (Esper, 1779)\*\*: București-Botanical Garden (Caradja, 1947).

*Macroglossum stellatarum* (Linnaeus, 1758): Brănești, Pasărea, Pustnicu, Comana, Jilava, 25.VII.-2.X.1996-2010, common. Further records: Mihai Bravu (Popescu, 1939), București, Comana (Popescu-Gorj, 1964).

*Daphnis nerii* (Linnaeus, 1758): București, 8.VI.1890, coll. Salay (Popescu-Gorj, 1964).

*Hyles euphorbiae* (Linnaeus, 1758): Pasărea, 1-2.VIII.2002, rare. Further records: Mihai Bravu (Popescu, 1939).

*Hyles livornica* (Esper, 1779): Brănești, Pasărea, 31.VII.-17.VIII.1997-99, common. Further records: București (Popescu-Gorj, 1964).

*Deilephila elpenor* (Linnaeus, 1758): Brănești, Pasărea, Pustnicu, 23.V.-28.VII.1996-2010, rare. Further records: București (Popescu-Gorj, 1964).

*Deilephila porcellus* (Linnaeus, 1758): Comana, Pasărea, Pustnicu, 7.V.-17.VIII.1996-2010, common. Further records: București, Comana (Popescu-Gorj, 1964).

*Hippotion celerio* (Linnaeus, 1758): București (Salay, 1910).

## Family Hesperidae

*Erynnis tages* (Linnaeus, 1758): Pasărea, Brănești, 25.VII.-8.VIII.1997-2009, common. Further records: Mihai Bravu (Popescu, 1939), Comana (Popescu-Gorj, 1964).

*Carcharodus alceae* (Esper, 1780): București, Chitila, Comana, Jilava (Popescu-Gorj, 1964).

*Carcharodus floccifera* (Zeller, 1847): Brănești, București, Comana, Filaret (Popescu-Gorj, 1964).

*Spialia orbifer* (Hübner, 1823): Comana, 19.V.1896, coll. Salay (Popescu-Gorj, 1964).

*Pyrgus malvae* (Linnaeus, 1758): București, Chitila, Comana (Popescu-Gorj, 1964).

*Pyrgus serratalae* (Rambur, 1839)\*\*: Buftea, Mogoșoaia (Popescu-Gorj, 1964). The species being recorded from the northern territories of Bulgaria, reported from Svishtov (Buresch & Tuleschkow, 1930).

*Pyrgus alveus* (Hübner, 1803)\*\*: București, Comana (Popescu-Gorj, 1964).

*Thymelicus lineola* (Ochsenheimer, 1808): Brănești, Pasărea, 3.V.-25.VII.1996-99, rare. Further records: Comana (Popescu-Gorj, 1964).

*Hesperia comma* (Linnaeus, 1758): Brănești, Pasărea, 26-27.V.2001, rare. Further records: Mihai Bravu (Popescu, 1939); București, Brănești, Comana, Filaret (Popescu-Gorj, 1964).

*Ochlodes sylvanus* (Esper, 1777): Brănești, Pasărea, 26-27.V.2001, rare. Further records: București, Comana, Filaret, Țigănești (Popescu-Gorj, 1964).

## Family Papilionidae

*Zerynthia polyxena* ([Denis & Schiffermüller], 1775)\*\*: București, 1892, leg. Joannis (Montandon, 1900; Niculescu, 1960); Comana, 15-20.IV.1911-1915, Filaret, 1.V.1905, Mihai Bravu, 1915 (Popescu-Gorj, 1964).

*Parnassius mnemosyne distincta* Bryk & Eisner, 1930 (Fig. 2 N): Brănești, Pasărea, 1-14.V.2001-2008, very common. Further records: București, Chitila, Comana, Țigănești (Montandon, 1900; Popescu-Gorj, 1964); Comana (König, 1975); Cernica (Niculescu, 1960).

*Iphiclides podalirius* (Linnaeus, 1758): Brănești, Cernica, Pasărea, Pustnicu, 1.V.-18.VIII.1996-2010, common. Further records: Mihai Bravu (Popescu, 1939); Dudești-Cioplea (Niculescu, 1960); Băneasa, București, Chitila, Păd. Andronache (Niculescu, 1960); București, Brănești, Comana, Chitila, Filaret, Țigănești (Popescu-Gorj, 1964).

*Papilio machaon* (Linnaeus, 1758): Pasărea, București, 25.VII.-8.VIII.1996-2007, rare. Further records: București, Comana, Chitila (Popescu-Gorj, 1964).

## Family Pieridae

*Leptidea sinapis* (Linnaeus, 1758): Brănești, Comana, Pasărea, 1-27.V.; 24.VI.-8.VIII.1996-2010, common. Further records: Mihai Bravu (Popescu, 1939); Păd. Andronache (Popescu-Gorj, 1964); București, Cernica (Niculescu, 1963); Brănești, București, Chitila, Comana, Țigănești (Popescu-Gorj, 1964).



*Anthocharis cardamines* (Linnaeus, 1758): Brănești, Pasărea, 1-26.V.2001-2003, rare. Further records: București, Cernica, Comana, Budești (Niculescu, 1963); Brănești, București, Comana, Chitila, Țigănești (Popescu-Gorj, 1964).

*Aporia crataegi* (Linnaeus, 1758): Brănești, Pasărea, 26-27.V.2001, common. Further records: București, Cernica (Niculescu, 1963); Comana, Chitila, Filaret (Popescu-Gorj, 1964).

*Pieris brassicae* (Linnaeus, 1758): Pasărea, 2.V.-17.VIII.1996-2010, common. Further records: Mihai Bravu (Popescu, 1939); București, Dudești-Cioplea (Niculescu, 1963); Comana, Chitila (Popescu-Gorj, 1964).

*Pieris mannii* (Meyer, 1851): Giurgiu (Popescu-Gorj, 1960; Niculescu, 1963). Acceptable historical record, the species being recorded from the northern territories of Bulgaria (Lovech and Târnovo) (S. Beshkov, pers. comm.).

*Pieris rapae* (Linnaeus, 1758): Pasărea, Brănești, 2.V-3.X.1996-2010, common. Further records: Mihai Bravu (Popescu, 1939); București, Cernica, Dudești-Cioplea (Niculescu, 1963); Chitila, Jilava (Popescu-Gorj, 1964).

*Pieris balcana* Lorkovic, 1970\*: Pasărea, 2-4.V.2002, rare. It is a poorly known species in Romania with few records scattered across the country's territory. *New record for the Romanian Plain.*

*Pieris napi* (Linnaeus, 1758): Pasărea, Brănești, 2.V-3.X.1996-2010, common. Further records: Mihai Bravu (Popescu, 1939); București, (Niculescu, 1963); Brănești, Chitila, Comana, Jilava, Țigănești (Popescu-Gorj, 1964).

*Pontia edusa* (Fabricius, 1777): Pasărea, Cernica, 24.VII.-17.X.1996-2010, common. Further records: Mihai Bravu (Popescu, 1939); București (Niculescu, 1963); Brănești, Chitila, Comana, Jilava, Țigănești (Popescu-Gorj, 1964).

*Colias erate* (Esper, 1805): Pasărea, Pustnicu, 26.V.-20.X.1996-2009, common. Further records: Dudești-Cioplea (Niculescu, 1963); București, Comana, Mogoșoaia, Pasărea, Ștefănești (Popescu-Gorj, 1978).

*Colias croceus* (Fourcroy, 1785): Pasărea, 1.VIII.-3.X.1996-2010, rare. Further records: Mihai Bravu (Popescu, 1939); București (Niculescu, 1963); Brănești, Chitila, Comana, Jilava, Țigănești (Popescu-Gorj, 1964).

*Colias chrysotheme* (Esper, 1781)\*\*: Păd. Andronache (Popescu-Gorj, 1938); Dudești-Cioplea (Niculescu, 1963).

*Colias hyale* (Linnaeus, 1758): Cernica, Dudești-Cioplea (Niculescu, 1963); București, Chitila, Comana, Filaret, Jilava, Țigănești (Popescu-Gorj, 1964).

*Colias alfacariensis* Ribbe, 1905\*: Pasărea, 27.V.2001, 1 ♂. *New record for the Romanian Plain.*

*Gonepteryx rhamni* (Linnaeus, 1758): București, Cernica (Niculescu, 1963); București, Chitila, Comana (Popescu-Gorj, 1964).

## Family Riodinidae

*Hamearis lucina* (Linnaeus, 1758): Pasărea, 2-4.V.2002, common. Further records: București, Brănești, Chitila, Țigănești (Popescu-Gorj, 1964).

## Family Lycaenidae

*Lycaena phlaeas* (Linnaeus, 1761): Pasărea, 6.X.2001, 1 ♀. Further records: București, Brănești, Comana, Țigănești (Popescu-Gorj, 1964).

*Lycaena helle* ([Denis & Schiffermüller], 1775)\*\*: București, Chitila, 20.V.1889, coll. Salay (Popescu-Gorj, 1964).

*Lycaena dispar rutila* (Werneburg, 1864) (Fig. 2 R, S): Brănești, Pasărea, 2-4.V.2002, rare. Further records: București, Chitila, Comana, Jilava, Țigănești (Popescu-Gorj, 1964).

*Lycaena virgaureae* (Linnaeus, 1758): Mihai Bravu (Popescu, 1939); Comana, 15.VII.1916 (Popescu-Gorj, 1964).

*Lycaena tityrus* (Poda, 1761): Comana, 26.VI.2010, rare, leg. C. Mihai. Further records: Mihai Bravu (Popescu, 1939); Buftea, Țigănești (Popescu-Gorj, 1964).

*Lycaena hippothoe* (Linnaeus, 1758)\*\* (Fig. 2 M): București, Chitila, 8.VI.1889, coll. Salay (Popescu-Gorj, 1964). Acceptable historical record, the species being recorded from the northern territories of Bulgaria (Markowitsch, 1904, 1909; Drenowski, 1907, 1930; Buresch & Tuleschkow, 1930).

*Lycaena thersamon* (Esper, 1784): Comana, 27.VI.2010, rare, leg. C. Mihai. Further records: Mihai Bravu (Popescu, 1939); București, Brănești, Chitila, Comana, Jilava, Țigănești (Popescu-Gorj, 1964).

*Thecla betulae* (Linnaeus, 1758): Buftea, Comana, Țigănești (Popescu-Gorj, 1964).

*Neozephyrus quercus* (Linnaeus, 1758): Comana, Cernica, Pasărea, 12.VII.-8.VIII.1997-99, very common. Further records: Brănești, Țigănești (Popescu-Gorj, 1964).

*Calophrys rubi* (Linnaeus, 1758): Pasărea, 2-4.V.2002, common. Further records: București, Comana, Filaret, Țigănești (Popescu-Gorj, 1964).

*Satyrium pruni* (Linnaeus, 1758)\*: Pasărea, 26-27.V.2001, very common.

*Satyrium spini* ([Denis & Schiffermüller], 1775): Chitila, Comana, Țigănești (Popescu-Gorj, 1964).

*Satyrium ilicis* (Esper, 1779): Comana, Țigănești (Popescu-Gorj, 1964).

*Leptotes pirithous* (Linnaeus, 1758)\* (Fig. 2 D): Comana, 27.VIII.2009, 1 ♀, leg. C. O. Mancî. *New record for the Romanian Plain.*

*Everes argiades* (Pallas, 1771): Comana, 10-11.VII.2010, rare, leg. C. Mihai. Further records: București, Brănești, Chitila, Jilava (Popescu-Gorj, 1964).

*Everes alcetas* (Hoffmannsegg, 1804): Comana, 10-11.VII.2010, rare, leg. C. Mihai. Further records: București, Comana, Jilava (Popescu-Gorj, 1964). It is a poorly known species in Romania with few records scattered across the country's territory.

*Cupido minimus* (Fuessly, 1775)\*: Pustnicu, 8.V.2010, 1 ♂.

*Celastrina argiolus* (Linnaeus, 1758): Brănești, Pasărea, 25.VII.-9.VIII.1997-2010, rare. Further records: București, Chitila, Comana, Jilava, Țigănești (Popescu-Gorj, 1964).

- Glaucopsyche alexis* (Poda, 1761): Comana (Popescu-Gorj, 1964).  
*Maculinea arion* (Linnaeus, 1758)\*\*: Brănești (Popescu-Gorj, 1964).  
*Plebejus argus* (Linnaeus, 1761): Brănești, Pasărea, 7.V.-6.VIII.1996-2010, rare. Further records: Mihai Bravu (Popescu, 1939); București, Brănești, Filaret, Chitila, Comana, Jilava (Popescu-Gorj, 1964).  
*Plebejus argyrognomon* (Bergstässer, 1779): București, Chitila, Țigănești (Popescu-Gorj, 1964).  
*Aricia agestis* ([Denis & Schiffermüller], 1775): Brănești, Pasărea, Cernica, 2.V.-25.VII.1996-2009, rare. Further records: București, Chitila, Comana (Popescu-Gorj, 1964).  
*Cyaniris semiargus* (Rottemburg, 1775): Brănești, Comana, Țigănești (Popescu-Gorj, 1964).  
*Polyommatus icarus* (Rottemburg, 1775): Pasărea, Brănești, 1.V.-2.X.1996-2010, very common. Further records: Mihai Bravu (Popescu, 1939); București, Brănești, Comana, Filaret, Țigănești (Popescu-Gorj, 1964).  
*Polyommatus thersites* (Cantener, 1834)\*: Brănești, Cernica, 2.V.-25.VII.1996-99, very rare.  
*Meleageria bellargus* (Rottemburg, 1775): Pasărea, 27.V.2001, rare. Further records: București, Brănești, Comana, Filaret, Jilava (Popescu-Gorj, 1964).  
*Meleageria coridon* (Poda, 1761): București, Filaret (Popescu-Gorj, 1964).

### Family Nymphalidae

#### Subfamily Nymphalinae

- Libythea celtis* (Laicharting, 1782): Comana, 15.VI.2010. (Obs. S. M. Stanciu). Requiring reconfirmation!  
*Argynnis paphia* (Linnaeus, 1758): Brănești, Pasărea, Pustnicu, 25.VII.-9.VIII.1996-2010, common. Further records: Mihai Bravu (Popescu, 1939); Cernica (Niculescu, 1965); București, Chitila, Țigănești (Popescu-Gorj, 1964).  
*Argynnis pandora* ([Denis & Schiffermüller], 1775): Brănești, Pasărea, Cernica, 26.V.-23.VIII.1996-2010, rare. Further records: Mihai Bravu (Popescu, 1939); Cernica (Niculescu, 1965); București, Comana (Popescu-Gorj, 1964).  
*Argynnis aglaja* (Linnaeus, 1758): Mihai Bravu (Popescu, 1939); Cernica, Ștefănești (Niculescu, 1965); Comana, Chitila (Popescu-Gorj, 1964).  
*Argynnis adippe* ([Denis & Schiffermüller], 1775): Mihai Bravu (Popescu, 1939); Băneasa, Cernica, Ștefănești (Niculescu, 1965); Comana, Chitila (Popescu-Gorj, 1964).  
*Argynnis niobe* (Linnaeus, 1758): Cernica, Comana (Niculescu, 1965).  
*Issoria lathonia* (Linnaeus, 1758): Pasărea, Pustnicu, 25.VII.-3.X.1996-2010, very common. Further records: Mihai Bravu (Popescu, 1939); Cernica (Niculescu, 1965); București, Chitila, Comana, Mihai Bravu (Popescu, 1939); Cernica, Ștefănești (Niculescu, 1965); Comana, Chitila (Popescu-Gorj, 1964).

*Brenthis daphne* ([Denis & Schiffermüller], 1775): Comana, 27.VI.2010, rare, leg. C. Mihai. Further records: Comana (Caradja, 1896; București, 5.VII.1915, Comana, 4.VI.1911 (Popescu-Gorj, 1964); Cernica (Niculescu, 1965).

*Brenthis hecate* ([Denis & Schiffermüller], 1775)\*\*: Țigănești, 4.VI.1916 (Popescu-Gorj, 1964). Acceptable historical record, the species being recorded from the northern territories of Bulgaria (Lovech, Razgrad, Samuil) (S. Beshkov, pers. comm.).

*Clossiana euphrosyne* (Linnaeus, 1758): București, Chitila, Comana, Țigănești (Popescu-Gorj, 1964); Băneasa, Cernica (Niculescu, 1965).

*Clossiana selene* ([Denis & Schiffermüller], 1775): Comana, Țigănești (Popescu-Gorj, 1964); Comana (Niculescu, 1965).

*Clossiana dia* (Linnaeus, 1767): Pasărea, 2-4.V.2002, common. Further records: București, Comana, Jilava (Popescu-Gorj, 1964); Buftea, Chitila, Cernica, Păd. Andronache (Niculescu, 1965).

*Vanessa atalanta* (Linnaeus, 1758): Pasărea, 25.VII.-9.VIII.1996-2009, rare. Further records: Mihai Bravu (Popescu, 1939); București, Comana (Popescu-Gorj, 1964); Cernica (Niculescu, 1965).

*Vanessa cardui* (Linnaeus, 1758): Brănești, Pasărea, 24.VII.-3.X.1996-2010, common. Further records: Mihai Bravu (Popescu, 1939); București, Chitila, Comana, Jilava (Popescu-Gorj, 1964); Comana, Dudești-Cioplea (Niculescu, 1965).

*Inachis io* (Linnaeus, 1758): Pasărea, 25.VII.-9.VIII.1996-2010, rare. Further records: Comana (Popescu-Gorj, 1964); București (Niculescu, 1965).

*Aglais urticae* (Linnaeus, 1758): Pasărea, 25.VII.1997, rare. Further records: Comana (Popescu-Gorj, 1964).

*Polygonia c-album* (Linnaeus, 1758): Pasărea, Pustnicu, 4.V.-3.X.1996-2010, common. Further records: Mihai Bravu (Popescu, 1939); București (Niculescu, 1965).

*Polygonia egea* (Cramer, 1775)\*\*: București, leg. A. L. Montadon (De Joannis, 1892; Niculescu, 1965). Acceptable historical record, the species being recorded from the northern territories of Bulgaria: Resseletz near Tcherven Bryag, the most northern locality in Bulgaria (S. Beshkov, pers. comm.).

*Araschnia levana* (Linnaeus, 1758): Brănești, 2-4.V.2002, common. Further records: Comana, Țigănești (Popescu-Gorj, 1964; Niculescu, 1965).

*Nymphalis antiopa* (Linnaeus, 1758): București, Comana, Cernica, Buftea, Țigănești (Popescu-Gorj, 1960, 1964).

*Nymphalis polychloros* (Linnaeus, 1758): Pasărea, 22.VII.1997, 1 ♀. Further records: Mihai Bravu (Popescu, 1939); București, Comana (Popescu-Gorj, 1964).

*Nymphalis xanthomelas* ([Denis & Schiffermüller], 1775): Păd. Andronache, 1936, leg. Popescu-Gorj (Niculescu, 1965).

*Nymphalis vaualbum* ([Denis & Schiffermüller], 1775)\*\*: Comana, 7.VIII.1915 (Popescu-Gorj, 1964).

*Euphydryas maturna* (Linnaeus, 1758) (Fig. 2 P): Brănești, Pasărea, 26-27.V.2001; 26.V.2008 (leg. Stanciu & Görbe), very common. Further records: București, Brănești, Chitila, Țigănești (Popescu-Gorj, 1964); Afumați, Băneasa, Cernica, Ștefănești (Niculescu, 1965).

*Melitaea cinxia* (Linnaeus, 1758): București, Comana, Filaret, Țigănești (Popescu-Gorj, 1964); Cernica (Niculescu, 1965).

*Melitaea phoebe* ([Denis & Schiffermüller], 1775): Pasărea, 26.V.-25.VII.1997-2009, rare. Further records: București, Brănești, Comana, Țigănești (Popescu-Gorj, 1964); Cernica (Niculescu, 1965).

*Melitaea ornata ogygia* Frusthorfer, 1908\*: Comana, 11.VII.2010, very rare, leg. C. Mihai. Requiring reconfirmation!

*Melitaea aurelia* Nickerl, 1850: București, coll. Salay (Popescu-Gorj, 1964).

*Melitaea trivialis* ([Denis & Schiffermüller], 1775) : Comana, Brănești, 26.V.-10.VII.1997-99, very rare. Further records: Băneasa, Cernica, Ștefănești, Păd. Andronache, Pasărea (Niculescu, 1965).

*Melitaea didyma* ([Denis & Schiffermüller], 1775): Comana, 10-11.VII.2010, rare, leg. C. Mihai. Further records: Brănești, Comana, 7.VII.-2.VIII.1916 (Popescu-Gorj, 1964); București, Cernica (Niculescu, 1965).

*Melitaea arduinna* (Esper, 1784)\*\*: București (Caradja, 1895; Fleck, 1900; Niculescu, 1965). Acceptable historical record, the species being recorded from the northern territories of Bulgaria: Sboryanovo (Buresch & Tuleschkow, 1929, 1930; Abadjiev, 1995).

*Melitaea athalia* (Rottemburg, 1775): Mihai Bravu (Popescu, 1939); Brănești, Comana, Țigănești (Popescu-Gorj, 1964); Cernica, Ștefănești (Niculescu, 1965).

*Limenitis populi* (Linnaeus, 1758)\*\*: Comana, 1916 (Niculescu, 1965).

*Neptis sappho* (Pallas, 1771) (Fig. 2 O): Brănești, Pasărea, 2-4.V.2002, common. Further records: Băneasa, București, Chitila, Comana, Țigănești (Popescu-Gorj, 1964); București (Niculescu, 1965).

*Neptis rivularis* (Scopoli, 1763): București, Chitila, Comana (Popescu-Gorj, 1964; Niculescu, 1965).

*Apatura metis* Freyer, 1829: Brănești, 3-4.V.2002, rare, Comana, 29.V.2009, rare. Further records: Giurgiu (Popescu-Gorj, 1960; Niculescu, 1965); Budești-București (Niculescu, 1965).

*Apatura ilia* ([Denis & Schiffermüller], 1775): București (Popescu-Gorj, 1964).

*Apatura iris* (Linnaeus, 1758)\*\*: București, 27.VII.1919 (Popescu-Gorj, 1964).

#### Family Nymphalidae

##### Subfamily Satyrinae

*Kirinia roxelana* (Cramer, 1777)\*\*: Comana, 20.VI.1916 (Popescu-Gorj, 1964).

*Pararge aegeria tircis* Butler, 1867: Mihai Bravu (Popescu, 1939); București, Brănești, Chitila, Comana, Filaret, Țigănești (Popescu-Gorj, 1964).

*Lasiommata megera* (Linnaeus, 1758): București, Chitila, Comana, Filaret, Țigănești (Popescu-Gorj, 1964).

- Lasiommata maera* (Linnaeus, 1758): Pasărea, 3-4.V.2002, rare. Further records: București, Brănești, Chitila, Comana, Țigănești (Popescu-Gorj, 1964).
- Lopinga achine* (Scopoli, 1763) (Fig. 2 Q): Comana, Românești, 6.VI.-12.VII.1997-2004, rare. Further records: București, Chitila, Comana, Dudești-Cioplea, Țigănești (Popescu-Gorj, 1964).
- Coenonympha arcania* (Linnaeus, 1761): Brănești, Țigănești (Popescu-Gorj, 1964).
- Coenonympha glycerion* (Borkhausen, 1788): București, Brănești, Chitila, Comana (Popescu-Gorj, 1964).
- Coenonympha pamphilus* (Linnaeus, 1758): Pasărea, Cernica, Pustnicu, 24.VII.-2.X.1996-2010, common. Further records: București, Brănești, Chitila, Comana, Filaret, Jilava, Țigănești (Popescu-Gorj, 1964).
- Aphantopus hyperanthus* (Linnaeus, 1758): Comana, Brănești, Chitila, 1892-1916 (Popescu-Gorj, 1964).
- Maniola jurtina* (Linnaeus, 1758): Pasărea, 24.VII.-9.VIII.1996-2010, common. Further records: Mihai Bravu (Popescu, 1939); București, Brănești, Comana, Chitila, Țigănești (Popescu-Gorj, 1964).
- Hyponephele lycaon* (Rottemburg, 1775)\*\*: București, Chitila, 1890-1916, coll. Salay (Popescu-Gorj, 1964).
- Hyponephele lupina* (O. G. Costa, 1836)\*\*: Brănești, 20.VIII.1915, coll. Salay (Popescu-Gorj, 1977).
- Erebia ligea* (Linnaeus, 1758)\*\*: Chitila, 26.VI.1889, coll. Salay (Popescu-Gorj, 1964).
- Melanargia galathea* (Linnaeus, 1758): Comana, 12-13.VII.1996, common. Further records: București, Brănești, Comana, Țigănești (Popescu-Gorj, 1964).
- Minois dryas* (Scopoli, 1763): Pasărea, Comana, 10.VII.-17.VIII.1999-2010, common. Further records: Mihai Bravu (Popescu, 1939); Băneasa, București, Brănești, Chitila, Comana (Popescu-Gorj, 1964).
- Hipparchia fagi* (Scopoli, 1763): Comana, 5.VIII.1890, coll. Salay (Popescu-Gorj, 1964).
- Hipparchia semele* (Linnaeus, 1758): Comana, 1915-1916 (Popescu-Gorj, 1964)
- Arethusana arethusa* ([Denis & Schiffermüller], 1775): Brănești, Comana, Țigănești, 1886-1927 (Popescu-Gorj, 1964).
- Brinthesia circe* (Fabricius, 1775): Comana, 1893-1927 (Popescu-Gorj, 1964).

#### Family Drepanidae

- Thyatira batis* (Linnaeus, 1758): Brănești, Pasărea, Pustnicu, 21.VII.-9.VIII.1996-2010, very common. Further records: București (Popescu-Gorj, 1964).
- Habrosyne pyritoides* (Hufnagel, 1766)\*: Brănești, Comana, Pasărea, 22.V.-9.VIII.1996-2010, very common.
- Tethea ocularis* (Linnaeus, 1758): Brănești, Pasărea, 30-31.V.2001-2002, rare. Further records: București (Popescu-Gorj, 1964).

*Watsonalla binaria* (Hufnagel, 1767): Brănești, Pasărea, Pustnicu, 7.V.-8.VIII.1996-2010, common. Further records: București, Filaret (Popescu-Gorj, 1964).

*Drepana falcataria* (Linnaeus, 1758): București, Comana (Montandon, 1900; Popescu-Gorj, 1964).

*Cilix glaucatus* (Scopoli, 1763): Brănești, Pasărea, 1-9.VIII.1997-2001, rare. Further records: București, Chitila (Popescu-Gorj, 1964).

#### Family Geometridae

*Abraxas grossulariata* (Linnaeus, 1758): Pasărea, 30.V.1998, 1 ♂. Further records: București, Chitila, Comana (Popescu-Gorj, 1964).

*Lomaspilis marginata* (Linnaeus, 1758): Comana, Pasărea, Pustnicu, 21.V.-28.VII.1996-2010, common. Further records: București, Comana, Filaret (Popescu-Gorj, 1964).

*Ligdia adustata* ([Denis & Schiffermüller], 1775): Brănești, Pasărea, Pustnicu, 21.V.-9.VIII.1996-2010, rare. Further records: București, Chitila, Țigănești (Popescu-Gorj, 1964).

*Stegania dilectaria* (Hübner, 1790): Brănești, Pasărea, 3-4.V.2002, rare. Further records: București, 22.V.1904, coll. Salay (Popescu-Gorj, 1964).

*Heliommata glarearia* ([Denis & Schiffermüller], 1775): Pasărea, Pustnicu, 28.VII.-8.VIII.1996-2010, common. Further records: București, Comana, Chitila (Popescu-Gorj, 1964).

*Macaria notata* (Linnaeus, 1758)\*: Pasărea, Pustnicu, 21.V.-21.VII.1996-2009, common.

*Macaria alternata* ([Denis & Schiffermüller], 1775): București (Popescu-Gorj, 1964).

*Chiasmia clathrata* (Linnaeus, 1758): Brănești, Pasărea, Cernica, Pustnicu, 30.V.-9.VIII.1996-2010, common. Further records: București, Brănești, Chitila, Jilava (Popescu-Gorj, 1964).

*Godonella aestimaria sareptanaria* (Staudinger, 1891): București (Popescu-Gorj, 1964).

*Tephрина murinaria* ([Denis & Schiffermüller], 1775): Pasărea, Cernica, 30.V.-21.VII.1996-2009, rare. Further records: București, Comana, Filaret (Popescu-Gorj, 1964).

*Tephрина arenacearia* ([Denis & Schiffermüller], 1775): Brănești, Pasărea, 15-31.V.1996-2010, common. Further records: Mihai Bravu (Popescu, 1939); București, Comana, Jilava (Popescu-Gorj, 1964).

*Neognopharmia stevenaria* (Boisduval, 1840)\*: Pustnicu, 6.VIII.2009, 1 ♂. Known only from the South and the East of Romania (the Extra-Carpathian areas), from Banat (Orșova, Băile Herculane), Moldova (Iași, Tecuci, Hanul Conachi), Muntenia (Amara, Slobozia). It is a common species in Dobrogea and in the Danube Delta.

*Petrophora chlorosata* (Scopoli, 1763)\*: Pasărea, 26.V.2001, rare.

*Plagodis pulveraria* (Linnaeus, 1758)\*: Comana, Cernica, Pasărea, Pustnicu, 21.VII.-1.VIII.1996-2010, very common.

*Plagodis dolabraria* (Linnaeus, 1758): Comana, 12.V.1919 (Popescu-Gorj, 1964).

*Opistographis luteolata* (Linnaeus, 1758): Comana (Popescu-Gorj, 1964).

*Therapis flavicaria* ([Denis & Schiffermüller], 1775): Brănești, Pasărea, 30.V.-25.VII.1996-2009, rare. Further records: București, Chitila, Comana, Filaret (Popescu-Gorj, 1964).

*Pseudopanthera macularia* (Linnaeus, 1758): Comana, Pasărea, Cernica, 16.V.-8.VIII.1996-2010, common. Further records: București, Chitila, Comana, Filaret, Țigănești (Popescu-Gorj, 1964).

*Eilicrinia cordiaria* (Hübner, 1790): Pasărea, 7-8.VIII.1997, rare. Further records: București (Popescu-Gorj, 1964).

*Eilicrinia trinotata* (Metzner, 1845): București (Popescu-Gorj, 1964); Păd. Andronache, 28.V.1936 (König, 1975).

*Apeira syringaria* (Linnaeus, 1758)\*: Brănești, Pasărea, Cernica, 30.V.-15.IX.1996-2009, rare. *New record for the Romanian Plain.*

*Ennomos autumnaria* (Werneburg, 1859): Comana (Popescu-Gorj, 1964).

*Ennomos quercinaria* (Hufnagel, 1767): Buftea, Comana, 1890, coll. Salay (Popescu-Gorj, 1964).

*Ennomos fuscantaria* (Haworth, 1809): Buftea, București (Popescu-Gorj, 1964).

*Ennomos erosaria* ([Denis & Schiffermüller], 1775): Comana, 18.VII.1915 (Popescu-Gorj, 1964).

*Selenia dentaria* (Fabricius, 1775)\*: Comana, Pasărea, 12-31.VII.1996-2010, common.

*Selenia lunularia* (Hübner, 1788): Pasărea, Pustnicu, 28.VII.-8.VIII.1996-97, rare. Further records: București, Comana (Popescu-Gorj, 1964).

*Selenia tetralunaria* (Hufnagel, 1767)\*: Pasărea, 25.VII.1997, 1 ♀. *New record for the Romanian Plain.*

*Artiora evonymaria* ([Denis & Schiffermüller], 1775): Pasărea, 6.X.2001, 1 ♀. Further records: București, Chitila (Popescu-Gorj, 1964).

*Crocallis tusciaria* ([Denis & Schiffermüller], 1775): Pasărea, 6-20.X.2001, rare. Further records: București, 11.X.1910, coll. Salay (Popescu-Gorj, 1964).

*Crocallis elinguaris* (Linnaeus, 1758)\*: Cernica, Pasărea, Pustnicu, 24-31.VII.1996-2009, common. *New record for the Romanian Plain.*

*Colotois pennaria* (Linnaeus, 1758)\*: București, 27.XI.2001, 1 ♂.

*Lycia hirtaria* (Clerck, 1759): București (Popescu-Gorj, 1964).

*Briston betularia* (Linnaeus, 1758)\*: Brănești, Comana, Pasărea, Pustnicu, 12.VII.-8.VIII.1996-2009, common.

*Agriopsis marginaria* (Fabricius, 1766): București, Comana, Țigănești (Popescu-Gorj, 1964).

*Erannis defoliaria* (Clerck, 1759): București, 30.XI.2001, 1 ♂. Further records: București, Comana (Popescu-Gorj, 1964).



- Menophra abruptaria* (Thunberg, 1792)\*\*: Muntenia ? (Abafi-Aigner, 1901).
- Synopsia sociaria* (Hübner, 1799)\*: Pasărea, 25.VII.1997, very rare.
- Peribatodes rhomboidaria* ([Denis & Schiffermüller], 1775): Pasărea, 30.V.-31.VII.1996-2009, rare. Further records: București, Comana, Țigănești (Popescu-Gorj, 1964).
- Alcis repandata* (Linnaeus, 1758)\*: Pustnicu, 21.V.2009, common. *New record for the Romanian Plain.*
- Hypomecis roboraria* ([Denis & Schiffermüller], 1775): Brănești, Comana, Cernica, Pasărea, Pustnicu, 21.V.-9.VIII.1996-2010, very common. Further records: București, Comana (Popescu-Gorj, 1964).
- Hypomecis punctinalis* (Scopoli, 1763): București, Comana, Filaret, Otopeni (Popescu-Gorj, 1964).
- Ascotis selenaria* ([Denis & Schiffermüller], 1775): București, Comana, Pasărea, Pustnicu, 21.V.-9.VIII.1996-2010, very common. Further records: București, Comana (Popescu-Gorj, 1964).
- Ematurga atomaria* (Linnaeus, 1758): Pasărea, Cernica, 21.VII.-8.VIII.1996-2010, very common. Further records: București, Brănești, Chitila, Comana, Filaret, Țigănești (Popescu-Gorj, 1964).
- Cabera pusaria* (Linnaeus, 1758): Pasărea, Pustnicu, 24.VII.-1.VIII.1996-2009, rare. Further records: București, Chitila, Comana (Popescu-Gorj, 1964).
- Cabera exanthemata* (Scopoli, 1763): Pasărea, 25.VII.1997, very rare. Further records: București, Chitila, Comana (Popescu-Gorj, 1964).
- Siona lineata* (Scopoli, 1763): București, Comana, Filaret (Popescu-Gorj, 1964).
- Brephos puella* (Esper, 1787): Păd. Andronache (Popescu-Gorj, 1960).
- Alsophila aceraria* ([Denis & Schiffermüller], 1775): Comana, 20.X.1915 (Popescu-Gorj, 1964).
- Orthostixis cribraria* (Hübner, 1759): Comana, 11-24.VI.1916 (Popescu-Gorj, 1964).
- Pseudoterpna pruinata* (Hufnagel, 1767): Comana, 24.VI.1916 (Popescu-Gorj, 1964).
- Comibaena bajularia* ([Denis & Schiffermüller], 1775)\*: Comana, Cernica, Pasărea, 30.V.-12.VII.1996-2008, very common. *New record for the Romanian Plain.*
- Antonechloris smaragdaria* (Fabricius, 1787): Pasărea, 8.VIII.1997, rare. Further records: București, Chitila, Jilava (Popescu-Gorj, 1964).
- Hemithaea aestivaria* (Hübner, 1789): Comana, Țigănești (Popescu-Gorj, 1964).
- Chlorissa viridata* (Linnaeus, 1758): București, Jilava (Popescu-Gorj, 1964).
- Chlorissa cloraria* (Hübner, 1813)\*: Brănești, Pasărea, 25.VII.-2.VIII.1996-97, rare.
- Thalera fimbrialis* (Scopoli, 1763): Pasărea, 21.VII.-1.VIII.1996-97, rare. Further records: București, Chitila (Popescu-Gorj, 1964).
- Cyclophora albicellaria* (Hübner, 1789): Pasărea, 21.VII.1997, rare. Further records: Brănești, Comana (Popescu-Gorj, 1964).
- Cyclophora annularia* (Fabricius, 1775): Comana, Pasărea, Pustnicu, 21.V.-1.VIII.1996-2008, common. Further records: Comana (Popescu-Gorj, 1964).

*Cyclophora puppillaria* (Hübner, 1799)\*: Pasărea, 21.VII.1997, very rare. *New record for the Romanian Plain.*

*Cyclophora porata* (Linnaeus, 1767): Pasărea, 1.VIII.-15.IX.1996-2001, rare. Further records: București, Brănești (Popescu-Gorj, 1964).

*Cyclophora punctaria* (Linnaeus, 1758): Pustnicu, 21.V.2009, common. Further records: Comana (Popescu-Gorj, 1964).

*Cyclophora suppunctaria* (Zeller, 1847): Pasărea, 21.VII.1997, 1 ♀, Pustnicu, 28.VII.2008, rare. Further records: Comana, 16.VII.1916 (Popescu-Gorj, 1964).

*Timandra comae* A. Schmidt, 1931: Brănești, Pasărea, Pustnicu, 21.VII.-9.VIII.1996-2010, very common. Further records: București, Chitila, Jilava (Montandon, 1900; Popescu-Gorj, 1964).

*Scopula tessellaria* (Boisduval, 1840): Brănești, Comana (Popescu-Gorj, 1964).

*Scopula nigropunctata* (Hufnagel, 1767)\*: Pasărea, 30.V.1998, rare. *New record for the Romanian Plain.*

*Scopula virgulata* ([Denis & Schiffermüller], 1775): Comana (Popescu-Gorj, 1964).

*Scopula ornata* (Scopoli, 1763): București, Comana, Jilava (Popescu-Gorj, 1964).

*Scopula rubiginata* (Hufnagel, 1767): București (Montandon, 1900), Comana, Pasărea, 12.VII.-16.IX., rare.

*Scopula marginepunctata* (Goeze, 1781): Mihai Bravu (Popescu, 1939); București (Popescu-Gorj, 1964).

*Scopula incanata* (Linnaeus, 1758)\*: Pasărea, 8.VIII.1997, 1 ♀, Pustnicu, 28.VII.2008, common.

*Scopula immutata* (Linnaeus, 1758): Comana, Păd. Călugăreni (Popescu-Gorj, 1964).

*Scopula flaccidaria* (Zeller, 1852): Giurgiu (Popescu-Gorj, 1960).

*Scopula floslactata* (Haworth, 1809)\*: Comana, 12-13.VII.1997, very rare.

*Idaea ochrata* (Scopoli, 1763): Brănești, Comana (Popescu-Gorj, 1964).

*Idaea muricata* (Hufnagel, 1767): Brănești, Pasărea, Cernica, 30.V.-25.VII.1996-99, rare. Further records: București, Otopeni (Popescu-Gorj, 1964).

*Idaea rusticata* ([Denis & Schiffermüller], 1775)\*: Pasărea, 1-8.VIII.1996-2008, rare.

*Idaea biselata* (Hufnagel, 1767): Comana (Popescu-Gorj, 1964).

*Idaea inquinata* (Scopoli, 1763): București, Filaret (Popescu-Gorj, 1964); Comana (König, 1975).

*Idaea politaria* (Hübner, 1799)\*: Pasărea, 21-25.VII.1996-98, very rare.

*Idaea seriata* (Schrank, 1802)\*: Pasărea, 7-8.VIII.1997, very rare.

*Idaea dimidiata* (Hufnagel, 1767): Pasărea, 25.VIII.1997, very rare. Further records: București (Popescu-Gorj, 1964).

*Idaea camparia* (Herrich-Schäffer, 1852): București, 12.VIII.1941 (Popescu-Gorj, 1964).

*Idaea pallidata* ([Denis & Schiffermüller], 1775): Comana, Țigănești (Popescu-Gorj, 1964).

- Idaea aversata* (Linnaeus, 1758): Brănești, Pasărea, Pustnicu, 30.V.-1.VIII.1996-2010, common. Further records: București, Comana, (Popescu-Gorj, 1964).
- Idaea deversaria* (Herrich-Schäffer, 1848): Giurgiu (Popescu-Gorj, 1964).
- Idaea degeneraria* (Hübner, 1788)\*: Brănești, Pasărea, Pustnicu, 21.V.-8.VIII.1996-2010, very common.
- Rhodostrophia vibicaria* (Clerck, 1759): Pasărea, 21.VII.-8.VIII.1996-2009, common. Further records: București, Chitila, Comana, Țigănești (Popescu-Gorj, 1964).
- Rhodometra sacraria* (Linnaeus, 1758): Giurgiu (Popescu-Gorj, 1960).
- Lythria purpuraria* (Linnaeus, 1758): Brănești, Pasărea, 19.VII.-8.VIII.1996-2009, very common. Further records: Mihai Bravu (Popescu, 1939); București, Comana, Chitila, Filaret, Jilava (Popescu-Gorj, 1964).
- Cataclysmes riguada* (Hübner, 1813): Pasărea, 30.V.1998, very rare. Further records: Comana, 1888-1891, coll. Salay (Popescu-Gorj, 1964).
- Scotopteryx bipunctaria* ([Denis & Schiffermüller], 1775): Comana, 1915-1916 (Popescu-Gorj, 1964).
- Scotopteryx mucronata* (Scopoli, 1767): Comana, 1915-1916 (Popescu-Gorj, 1964).
- Cidaria fulvata* (Forster, 1771)\*: Pustnicu, 21.V.2009, common.
- Xanthorhoe disignata* (Hufnagel, 1767): București, Comana, 1913-1916 (Popescu-Gorj, 1964).
- Xanthorhoe fluctuata* (Linnaeus, 1758): Brănești, Pasărea, Pustnicu, 1-31.V.1996-2001, common. Further records: București, Brănești, Comana (Popescu-Gorj, 1964).
- Epirrhoe alternata* (Müller, 1764): Brănești, Pasărea, Pustnicu, 21.V.-6.X.1998-2009, common. Further records: București, Chitila, Comana, Jilava, Țigănești (Popescu-Gorj, 1964).
- Epirrhoe tristata* (Linnaeus, 1758)\*: Pustnicu, 21.V.2009, rare.
- Epirrhoe rivata* (Hübner, 1813): București, Chitila (Popescu-Gorj, 1964).
- Camptogramma bilineata* (Linnaeus, 1758): Pasărea, 30.V.-15.IX.1997-2009, rare. Further records: București, Chitila, Comana (Popescu-Gorj, 1964).
- Mesoleuca albicillata* (Linnaeus, 1758)\*: Pasărea, Cernica, Pustnicu, 21-28.VII.1996-2009, rare.
- Pelurga comitata* (Linnaeus, 1758): București, Comana (Popescu-Gorj, 1964).
- Cosmorhoe ocellata* (Linnaeus, 1758): Pasărea, 30.V.1998, rare. Further records: Comana, 1915-1916 (Popescu-Gorj, 1964).
- Horisme vitalbata* ([Denis & Schiffermüller], 1775)\*: Pasărea, 21.VII.1997, very rare.
- Horisme tersata* ([Denis & Schiffermüller], 1775)\*: Brănești, Pasărea, 30-31.V.1998, rare.
- Melanthia procellata* ([Denis & Schiffermüller], 1775): Pasărea, 25.VII.1997, very rare.
- Epirrita dilutata* ([Denis & Schiffermüller], 1775): București (Popescu-Gorj, 1964).
- Operopthera brumata* (Linnaeus, 1758): București, 30.XI.2001, 2 ♂♂. Further records: București, Comana (Popescu-Gorj, 1964).

- Perizoma lugdunaria* (Herrich-Schäffer, 1855)\*: Pasărea, 21-25.VII.1997, very rare.
- Perizoma flavofasciata* (Thunberg, 1792): București, 20.VI.1919 (Popescu-Gorj, 1964).
- Eupithecia haworthiata* Doubleday, 1856\*: Pasărea, Pustnicu 21-30.V.1996-98, common.
- Eupithecia linariata* ([Denis & Schiffermüller], 1775): Pasărea, 30.V.-16.IX.1996-2001, common. Further records: București, 6.VI.1888 (Popescu-Gorj, 1964).
- Eupithecia laqueraria* Herrich-Schäffer, 1848\*: Pasărea, 8.VIII.1997, 2 ♂♂.
- Eupithecia centaureata* ([Denis & Schiffermüller], 1775): Brănești, Pasărea, 25.VII.-9.VIII.1996-2010, common. Further records: București (Popescu-Gorj, 1964).
- Eupithecia absinthiata* (Clerck, 1759)\*: Pasărea, 1.VIII.1997, 1 ♀.
- Eupithecia assimilata* Doubleday, 1856: București, 5.IX.1936 (Popescu-Gorj, 1964).
- Eupithecia subnotata* (Hübner, 1803): București (Popescu-Gorj, 1964).
- Eupithecia millefoliata* Rössler, 1866\*: Pasărea, Pustnicu, 28.VII.-8.VIII.1996-99, rare.
- Eupithecia innotata* (Hufnagel, 1767)\*: Pustnicu, 21.V.2009, rare.
- Chloroclystis chloerata* (Mabille, 1870)\*: Brănești, Pasărea, 1-8.VIII.1996-97, rare.
- Chloroclystis v-ata* (Haworth, 1809)\*: Pasărea, 31.VII.-8.VIII.1996-2009, rare.
- Aplocera plagiata* (Linnaeus, 1758): Pasărea, 15.IX.2001, rare. Further records: București, Chitila (Montandon, 1900; Popescu-Gorj, 1964).
- Aplocera praeformata* (Hübner, 1826): Mihai Bravu (Popescu, 1939).
- Schistostege decussata* ([Denis & Schiffermüller], 1775): Cernica (Popescu-Gorj, 1960); Comana, leg. Montandon (Popescu-Gorj, 1964).
- Lithostege griseata* ([Denis & Schiffermüller], 1775): Brănești, Pasărea, 21.VII.-8.VIII.1996-2009, common. Further records: București (Popescu-Gorj, 1964).
- Lithostege farinata* (Hufnagel, 1767)\*: Pasărea, 30-31.V.1998, rare.
- Asthenes albulata* (Hufnagel, 1767)\*: Pasărea, 30.V.-25.VII.1997-2009, rare.
- Minoa murinata* (Scopoli, 1763): Brănești, Comana, Țigănești (Popescu-Gorj, 1964).
- Lobophora halterata* (Hufnagel, 1767)\*: Pasărea, 3-4.V.2002, rare.

#### Family Thaumetopoeidae

- Thaumetopoea processionea* (Linnaeus, 1758): București, 1906-1916, coll. Salay (Popescu-Gorj, 1964).

#### Family Notodontidae

- Clostera curtula* (Linnaeus, 1758)\*: Pasărea, Cernica, 21.VII.-1.VIII.1996-2001, rare.
- Clostera pygra* (Hufnagel, 1766)\*: Pustnicu, 28.VII.2008, 1 ♂. *New record for the Romanian Plain.*
- Cerura vinula* (Linnaeus, 1758): București, 1892-1819, coll. Salay (Popescu-Gorj, 1964).
- Furcula furcula* (Clerck, 1759): București, Jilava (Popescu-Gorj, 1964).
- Dicranura ulmi* ([Denis & Schiffermüller], 1775): București, 9.V.1904, coll. Salay (Popescu-Gorj, 1964).

- Ochrostigma velitaris* (Hufnagel, 1767): Băneasa, 9.VII.1936 (Nemeş & Voicu, 1973).
- Tritophia tritophus* ([Denis & Schiffermüller], 1775)\*: Pasărea, 21.VII.1997, 1 ♀, Pustnicu, 28.VII.2008, rare.
- Notodonta ziczac* (Linnaeus, 1758): Pasărea, 3-4.VIII.2002, rare. Further records: Bucureşti (Popescu-Gorj, 1964).
- Drymonia dodonaea* ([Denis & Schiffermüller], 1775): Pasărea, Pustnicu, 21-30.V.1997-2003, rare. Further records: Bucureşti (Popescu-Gorj, 1964).
- Pterostoma palpina* (Clerck, 1759): Pustnicu, 28.VII.2008, common. Further records: Bucureşti (Popescu-Gorj, 1964).
- Ptilophora plumigera* ([Denis & Schiffermüller], 1775): Bucureşti, 30.XI.2002, 1 ♂. Further records: Bucureşti (Popescu-Gorj, 1964).
- Phalera bucephala* (Linnaeus, 1758)\*: Pasărea, Pustnicu, 21.V.-8.VIII.1996-2009, common. *New record for the Romanian Plain.*
- Phalera bucephaloides* (Ochsenheimer, 1810)\*: Comana, Pasărea, Pustnicu, 12-28.VII.1996-2008, common. *New record for the Romanian Plain.*
- Peridea anceps* (Goeze, 1781): Bucureşti, 1896-1906, coll. Salay (Popescu-Gorj, 1964).
- Stauropus fagi* (Linnaeus, 1758)\*: Pasărea, Pustnicu, 21.V.-8.VIII.1996-2010, common.
- Harpyia milhauseri* (Fabricius, 1775): Brăneşti, Pasărea, 21-28.VII.1996-98, rare. Further records: Bucureşti, 9.V.1904, coll. Salay (Popescu-Gorj, 1964).
- Spatalia argentina* ([Denis & Schiffermüller], 1775): Brăneşti, Comana, Pasărea, Pustnicu, 7.V.-28.VII.1996-2009, common. Further records: Bucureşti (Popescu-Gorj, 1964).

#### Family Noctuidae

- Moma alpium* (Osbeck, 1778): Pasărea, Pustnicu, 21.V.-28.VII.1996-2009, rare. Further records: Afumaţi, Bucureşti, 1885-1888 (Popescu-Gorj, 1964; Rákosy, 1996).
- Acrionicta alni* (Linnaeus, 1767): Bucureşti, 1910, coll. Salay (Popescu-Gorj, 1964).
- Acrionicta tridens* ([Denis & Schiffermüller], 1775): Mihai Bravu (Popescu, 1939); Bucureşti, 1892-1912 (Popescu-Gorj, 1964).
- Acrionicta psi* (Linnaeus, 1758): Bucureşti, 1903-1919 (Popescu-Gorj, 1964; Rákosy, 1996).
- Acrionicta aceris* (Linnaeus, 1758): Bucureşti (Popescu-Gorj, 1964; Rákosy, 1996).
- Acrionicta megacephala* ([Denis & Schiffermüller], 1775): Bucureşti, 1916-1928 (Popescu-Gorj, 1964; Rákosy, 1996).
- Acrionicta auricoma* ([Denis & Schiffermüller], 1775): Bucureşti, 23.VII.1888, leg. F. Salay, (Popescu-Gorj, 1964; Rákosy, 1996).
- Acrionicta rumicis* (Linnaeus, 1758): Pustnicu, 21.V.2009, common. Further records: Bucureşti, Chitila, Comana (Popescu-Gorj, 1964; Rákosy, 1996).

- Craniophora ligustri* ([Denis & Schiffermüller], 1775): Brănești, Comana, Pasărea, Pustnicu, 21.V.-9.VIII.1996-2010, very common. Further records: București, Chitila, Comana (Popescu-Gorj, 1964; Rákosy, 1996).
- Symira nervosa* ([Denis & Schiffermüller], 1775): București (Popescu-Gorj, 1964; Rákosy, 1996).
- Symira albovenosa* (Goeze, 1781): Pasărea, 25.VII.-7.VIII.1996-2001, rare. Further records: București, 9.V.1903, coll. Salay (Popescu-Gorj, 1964; Rákosy, 1996).
- Cryphia fraudatricula* (Hübner, 1803): Pasărea, 25-31.VII.1997-2009, rare, Pustnicu, 28.VII.2008, common. Further records: București (Popescu-Gorj, 1964; Rákosy, 1996).
- Cryphia algae* (Fabricius, 1775): Pasărea, 19.VII.-2.VIII.,1996-2009 common. Further records: București (Popescu-Gorj, 1964; Rákosy, 1996).
- Cryphia raptricula* ([Denis & Schiffermüller], 1775): București (Popescu-Gorj, 1964; Rákosy, 1996).
- Idia calvaria* ([Denis & Schiffermüller], 1775): București, Comana, Filaret (Popescu-Gorj, 1964; Rákosy, 1996).
- Simplicia rectalis* (Eversmann, 1842): București, Brănești (Popescu-Gorj, 1964; Rákosy, 1996).
- Paracolax tristalis* (Fabricius, 1794): Brănești, Comana, Cernica, Pasărea, 12.VII.-9.VIII. 1996-2009, very common. Further records: București (Popescu-Gorj, 1964; Rákosy, 1996).
- Herminia grisealis* ([Denis & Schiffermüller], 1775): București, Buftea, Comana (Popescu-Gorj, 1964).
- Herminia tarsicrinalis* (Knoch, 1782): București (Rákosy, 1996).
- Polypogon tentacularia* (Linnaeus, 1758): București (Rákosy, 1996).
- Zanclognatha lunalis* (Scopoli, 1763)\*: Pasărea, 21.VII.1997, rare.
- Zanclognatha zelleralis* (Wocke, 1850)\*: Comana, 12.VII.1997, 2 ♀♀. *New record for the Romanian Plain.*
- Zanclognatha tarsipennalis* Treitschke, 1835\*: Brănești, Pasărea, 1-8.VIII.1996-98, common.
- Pechipogo strigilata* (Linnaeus, 1758): București, (Rákosy, 1996).
- Catocala sponsa* (Linnaeus, 1758): Comana, Pasărea, 12-27.VII.1996-2001, rare. Further records: București, Comana (Popescu-Gorj, 1964; Rákosy, 1996).
- Catocala dilecta* (Hübner, 1808) (Fig. 2 C): Comana, 12.VII.1997, 1 ♂ (Székely & al., 1998). Further records: București (Rákosy, 1996).
- Catocala fraxini* (Linnaeus, 1758): Afumați, 5.VIII.1890, coll. Salay (Popescu-Gorj, 1964).
- Catocala nupta* (Linnaeus, 1758): Pasărea, Pustnicu, 24.VII.-8.VIII.1996-2010, common. Further records: București, Comana (Popescu-Gorj, 1964; Rákosy, 1996).
- Catocala elocata* (Esper, 1787): Brănești, Pasărea, Cernica, 19.VII.-8.VIII.1996-2009, rare. Further records: Mihai Bravu (Popescu, 1939); București, Comana (Popescu-Gorj, 1964; Rákosy, 1996).

- Catocala puerpera* (Giorna, 1791): Giurgiu (Popescu-Gorj, 1964).
- Catocala promissa* ([Denis & Schiffermüller], 1775): Comana, Pustnicu, 12-28.VII.1997-2008, common. Further records: București (Popescu-Gorj, 1964; Rákósy, 1996).
- Catocala electa* (Vieweg, 1783): București, Comana, 1893-1899, coll. Salay (Popescu-Gorj, 1964; Rákósy, 1996).
- Catocala conversa* (Esper, 1783): Comana (Popescu-Gorj, 1964; Rákósy, 1996). Acceptable historical record, the species being recorded from the northern territories of Bulgaria (Razgrad) (S. Beshkov, pers. comm.).
- Catocala nymphagoga* (Esper, 1787)\* (Fig. 2 G): Comana, Mihai Bravu, Cernica, Pasărea, 12-31.VII.1996-99, very common. *New record for the Romanian Plain.*
- Catocala hymenaea* ([Denis & Schiffermüller], 1775): Pasărea, Cernica, Pustnicu, 19-28.VII.1996-2001, rare. Further records: Pantelimon (Popescu-Gorj, 1964; Rákósy, 1996).
- Catocala fulminea* (Scopoli, 1763): București, Comana, Pantelimon (Popescu-Gorj, 1964; Rákósy, 1996).
- Minucia lunaris* ([Denis & Schiffermüller], 1775): Pasărea, Pustnicu, 7-31.V.1997-2009, rare. Further records: București, Comana, Otopeni, Pantelimon (Montandon, 1900; Popescu-Gorj, 1964; Rákósy, 1996).
- Dysgonia algira* (Linnaeus, 1758): Pasărea, Pustnicu, 25.VII.-9.VIII.1997-2010, rare. Further records: București, Pantelimon (Popescu-Gorj, 1964; Rákósy, 1996).
- Prodotis stolidia* (Fabricius, 1775): Brănești, Pasărea, Pustnicu, 25.VII.-17.VIII.1996-2009, rare. Further records: Pantelimon (Popescu-Gorj, 1964; Rákósy, 1996); Mihai Bravu (Popescu, 1939).
- Lygephila pastinum* (Treitschke, 1820): București, Pantelimon, 1901-1904, coll. Salay (Popescu-Gorj, 1964; Rákósy, 1996).
- Lygephila cracca* ([Denis & Schiffermüller], 1775): Pasărea, 3-4.VIII.2002, rare. Further records: București, Pantelimon, (Popescu-Gorj, 1964; Rákósy, 1996).
- Lygephila viciae* (Hübner, 1822): București (Rákósy, 1996).
- Catephia alchymista* (Linnaeus, 1758): Pasărea, Pustnicu, 21.V.-1.VIII.1997-2009, very rare. Further records: București, 20.VII.1905, coll. Salay, Pantelimon, (Popescu-Gorj, 1964; Rákósy, 1996).
- Aedia funesta* (Esper, 1786): București, Buftea, Comana, Pantelimon (Popescu-Gorj, 1964; Rákósy, 1996).
- Aedia leucomelas* (Linnaeus, 1758): Brănești, Pasărea, Pustnicu, 15.V.-6.VIII.1997-2010, common. Further records: Băneasa, București, Giurgiu, Pantelimon (Popescu-Gorj, 1964; Rákósy, 1996). Subtropical migratory species, distributed in S.-Europe, N.-Africa, Asia Minor, Middle-East, S.-Asia, China, Japan. In Romania it was considered as a rare species, but it has become more and more frequently recorded in the southern part of the country. It is currently known from Muntenia, Dobrogea and the Danube Delta.

- Tyta luctuosa* ([Denis & Schiffermüller], 1775): Brănești, Comana, Pasărea, Pustnicu, 21.V.-9.VIII.1996-2010, common. Further records: București, Comana, Filaret, Jilava, Pantelimon (Popescu-Gorj, 1964; Rákósy, 1996).
- Callistege mi* (Clerck, 1759): Pasărea, 3.V.2002, rare. Further records: Comana (Popescu-Gorj, 1964; Rákósy, 1996).
- Euclidia glyphica* (Linnaeus, 1758): Brănești, Pasărea, 25.VII.-1.VIII.1997-2009, rare. Further records: Brănești, Comana, Chitila (Popescu-Gorj, 1964; Rákósy, 1996).
- Gonospileia triquetra* ([Denis & Schiffermüller], 1775): Țigănești, 13.VIII.1915 (Popescu-Gorj, 1964; Rákósy, 1996).
- Laspeyria flexula* ([Denis & Schiffermüller], 1775): București (Popescu-Gorj, 1964; Rákósy, 1996).
- Scoliopteryx libatrix* (Linnaeus, 1758): Pasărea, 8.VIII.1997, 1 ♀. Further records: București, Comana (Popescu-Gorj, 1964; Rákósy, 1996).
- Calyptra thalictri* (Borkhausen, 1790): Afumați, IX.1880, coll. Salay (Popescu-Gorj, 1964).
- Hypena proboscidalis* (Linnaeus, 1758): Pasărea, 3.VIII.2002, 1 ♀. Further records: București (Rákósy, 1996).
- Hypena rostralis* (Linnaeus, 1758): București (Popescu-Gorj, 1964; Rákósy, 1996).
- Phytometra viridaria* (Clerck, 759): Pasărea, 25.VII.-8.VIII.1996-98, rare. Further records: Comana (Popescu-Gorj, 1964; Rákósy, 1996).
- Rivula sericealis* (Scopoli, 1763): Brănești, Pasărea, 30.V.-25.VII.1996-2003, common. Further records: București, Comana (Popescu-Gorj, 1964; Rákósy, 1996).
- Parascotia fuliginaria* (Linnaeus, 1761): Pasărea, 25.VII.1997, 1 ♀. Further records: București, 2.VIII.1919 (Popescu-Gorj, 1964; Rákósy, 1996).
- Epizeuxis calvaria* ([Denis & Schiffermüller], 1775): Giurgiu (Popescu-Gorj, 1960).
- Colobochyla salicalis* ([Denis & Schiffermüller], 1775): Pasărea, 25.VII.-1.VIII.1996-2001, rare. Further records: Comana (Popescu-Gorj, 1964).
- Eutelia adulatrix* (Hübner, 1813): București, 12.IX.1912, coll. Salay (Popescu-Gorj, 1964; Rákósy, 1996).
- Lamprotes c-aureum* (Knoch, 1781)\*: Pasărea, Pustnicu, 25.VII.-1.VIII.1996-99 very rare. *New record for the Romanian Plain.*
- Diachrysia chrysitis* (Linnaeus, 1758): Brănești, Pasărea, Pustnicu, 21.V.-8.VIII.1996-2009, rare. Further records: București (Popescu-Gorj, 1964, 1977; Rákósy, 1996).
- Diachrysia nadeja* (Oberthür, 1880): Pasărea, 25.VII.2001, 1 ♂. Further records: București (Rákósy, 1996).
- Diachrysia chryson* (Esper, 1789): București, 1.VIII.1890, coll. Salay (Popescu-Gorj, 1964; Rákósy, 1996).
- Macdunnoughia confusa* (Stephens, 1850): Pasărea, Pustnicu, 7.V.-8.VIII.1996-2009, common. Further records: București, Chitila, Comana (Popescu-Gorj, 1964; Rákósy, 1996).
- Plusia festucae* (Linnaeus, 1758): Brănești, Pasărea, 17.VII.-2.VIII.1996-99, common. Further records: București (Popescu-Gorj, 1964; Rákósy, 1996).



*Autographa gamma* (Linnaeus, 1758): Brănești, Pasărea, Pustnicu, 21.V.-3.X.1996-2010, common. Further records: București, Comana, Jilava (Popescu-Gorj, 1964; Rákósy, 1996).

*Autographa bractea* ([Denis & Schiffermüller], 1775): Chitila, 8.IX.1910, coll. Salay (Popescu-Gorj, 1964; Rákósy, 1996).

*Plusidia cheiranthi* (Tauscher, 1809) (Fig. 2 K): Cislău, 21.VI.-9.VII.1997-99, common. Further records: București, 1880-1935 (Popescu-Gorj, 1964; Rákósy, 1996).

*Trichoplusia ni* (Hübner, 1803): Brănești, Pasărea, 6-20.X.1997-99, very rare. Further records: București (Rákósy, 1996).

*Chrysodeixis chalcites* (Esper, [1789])\* (Fig. 2 J): Pasărea, 1.VIII.2000, 1 ♀, (Székely & Stanciu, 2002).

Subtropical migratory species widely distributed across Eurasia, Africa, Oceania and Australia. In Europe it is resident only in the southern parts. Recorded for the first time in Romania two decades ago (Rákósy & Neumann, 1990), the species seems to have become more and more common during the last years. Although it is currently known in Romania only from Dobrogea and Muntenia (Rákósy & Neumann, 1990; Székely & Stanciu, 2002; Dincă, 2006; Székely, Dincă & Juhász, 2011). *New record for the Romanian Plain.*

*Abrostola asclepiadis* ([Denis & Schiffermüller], 1775)\*: Brănești, Comana, Pasărea, Pustnicu, 21.V.-8.VIII.1996-2010, very common.

*Abrostola triplasia* (Linnaeus, 1758) (= *trigemina* Werneburg, 1864): Brănești, Pasărea, 30.V.-8.VII.1997-2009, common. Further records: București (Montandon, 1900; Popescu-Gorj, 1964).

*Emmelia trabealis* (Scopoli, 1763): Brănești, Comana, Pasărea, Pustnicu, 21.V.-9.VIII.1996-2010, very common. Further records: Mihai Bravu (Popescu, 1939); București, Comana, Jilava (Popescu-Gorj, 1964).

*Tarachidia candefacta* (Hübner, [1831])\* (Fig. 2 E, L): Manolache (surroundings of Bucharest, Ilfov county), 11.V.2010 (1 spec., leg. Cristian Mihai). It is a species of Nearctic origin described from Pennsylvania (USA). It is widely distributed in North America, ranging from southern Canada to Mexico. *Tarachidia candefacta* has been intentionally introduced in southern Russia (the Krasnodar region) in the years 60 of the 20th century as a biological control measure against the invasive *Ambrosia artemisiifolia* (Schurov, 1998; Poltavsky & Artokhin, 2006; Poltavsky et al., 2008). The species is therefore rapidly expanding to the west through the steppes north of the Black Sea (Hacker, Legrain & Fibiger, 2008). Recently reported that new for the fauna of Romania (Székely, Dincă & Juhász, 2011). The specimen from Manolache represent the first records of *T. candefacta* from Muntenia and confirm its expansion to the west. *T. candefacta* has already been collected in Bulgaria on the southern banks of the Danube next to the Romanian border (appreciatively south of the Romanian town Corabia) (S. Beshkov, pers. comm.). *New record for the Romanian Plain.*

- Acontia lucida* (Hufnagel, 1776): Brănești, Pasărea, 25.VII.-8.VIII., rare. Other remarks: București, Comana (Montandon, 1900; Popescu-Gorj, 1964; Rákosy, 1996).
- Phylophilla obliterata* (Rambur, 1833)\*: Pasărea, Cernica, 30.V.-1.VIII.1996-99, common.
- Protodeltote pygarga* (Hufnagel, 1766)\*: Pasărea, Pustnicu, 21.V.-2.VIII.1997-2009, common.
- Deltote uncula* (Clerck, 1759): Pasărea, 26.V.2001, rare. Further records: București (Popescu-Gorj, 1964; Rákosy, 1996).
- Deltote bankiana* (Fabricius, 1775): Pasărea, 17-25.VII.1996-99, very rare. Further records: Călugăreni (Popescu-Gorj, 1964; Rákosy, 1996).
- Pseudeustrotia candidula* ([Denis & Schiffermüller], 1775)\*: Pasărea, 25.VII.1997, rare. Further records: București (Rákosy, 1996).
- Calymma communimacula* ([Denis & Schiffermüller], 1775): Pasărea, Cernica, 25.VII.-11.VIII.1997-99, rare. Further records: București (Rákosy, 1996).
- Eublemma respersa* (Fabricius, 1794): Pasărea, 24.VII.-7.VIII.1997-99, rare. Further records: București (Popescu-Gorj, 1964; Rákosy, 1996).
- Eublemma purpurina* ([Denis & Schiffermüller], 1775)\*: Pasărea, Cernica, Pustnicu, 24.VII.-8.VIII.1996-2009, common. *New record for the Romanian Plain.*
- Trisateles emortualis* ([Denis & Schiffermüller], 1775)\*: Pasărea, 25-31.VII.1996-98, rare. *New record for the Romanian Plain.*
- Cucullia absinthii* (Linnaeus, 1758)\*: Pasărea, 8.VIII.1997, 1 ♀. *New record for the Romanian Plain.*
- Cucullia umbratica* (Linnaeus, 1758): Pasărea, Cernica, 24-31.VII.1997-99, rare. Further records: București (Popescu-Gorj, 1964; Rákosy, 1996).
- Cucullia tanacetii* ([Denis & Schiffermüller], 1775): București, 18.V.1904, coll. Salay (Popescu-Gorj, 1964; Rákosy, 1996).
- Shargacucullia lychnitis* (Rambur, 1833): Chitila, 20.V.1884, coll. Salay (Popescu-Gorj, 1964; Rákosy, 1996).
- Shargacucullia blattariae* (Esper, 1790): București (Rákosy, 1996).
- Shargacucullia verbasci* (Linnaeus, 1758): Pasărea, 3.V.1999, 1 ♂. Further records: București, 20.IV.1911 (Popescu-Gorj, 1964; Rákosy, 1996).
- Shargacucullia scrophulariae* ([Denis & Schiffermüller], 1775)\*: Pustnicu, 21.V.2009, 2 ♂♂. *New record for the Romanian Plain.*
- Shargacucullia prenanthis* Boisduval, 1850: București (Rákosy, 1996).
- Calophasia lunula* (Hufnagel, 1766): Pasărea, Cernica, 24-25.VII.1996-99, rare. Further records: București, Comana (Popescu-Gorj, 1964; Rákosy, 1996).
- Pyrois cinnamomea* (Goeze, 1781): Afumați, 30.VIII.1880, leg. Siebrecht (Salay, 1910; Rákosy, 1996).
- Amphipyra pyramidea* (Linnaeus, 1758): Pasărea, Pustnicu, 28.VII.-8.VIII.1996-2008, rare. Further records: București (Popescu-Gorj, 1964; Rákosy, 1996).

*Amphipyra berbera svenssoni* Fletscher, 1968: Afumați, București, Comana (Popescu-Gorj, 1977).

*Amphipyra livida* ([Denis & Schiffermüller], 1775)\*: Pasărea, Pustnicu, 28.VII.-2.VIII.1997, rare.

*Amphipyra tragopoginis* (Clerck, 1759): Pasărea, 1-8.VIII.1997-99, rare. Further records: București (Rákosy, 1996).

*Asteroscopus sphinx* (Hufnagel, 1766): București, 15.X.1916 (Popescu-Gorj, 1964; Rákosy, 1996).

*Diloba caeruleocephala* (Linnaeus, 1758): Pasărea, București, 20.X.-24.XI.2001, rare. Further records: București (Popescu-Gorj, 1964; Rákosy, 1996).

*Panemeria tenebrata* (Scopoli, 1763): București (Popescu-Gorj, 1964).

*Aegle koekeritziana* (Hübner, 1759): Pasărea, 26.V.2001., very rare. Further records: București (Popescu-Gorj, 1964; Rákosy, 1996).

*Schinia scutosa* ([Denis & Schiffermüller], 1775): Brănești, Cernica, Pasărea, Pustnicu, 21.VII.-9.VIII.1996-2009, common. Further records: București, Țigănești (Popescu-Gorj, 1964).

*Heliothis viriplaca* (Hufnagel, 1766): București, Brănești, Comana, Jilava (Popescu-Gorj, 1964; Rákosy, 1996).

*Heliothis maritima bulgarica* Draudt, 1938: Pasărea, 1.VIII.2004, 1 ♂. Further records: București, Comana, (Popescu-Gorj, 1964; Rákosy, 1996).

*Heliothis peltigera* ([Denis & Schiffermüller], 1775): Pasărea, 1-8.VIII.1996-2001, rare. Further records: Mihai Bravu (Popescu, 1939; Rákosy, 1996).

*Helicoverpa armigera* (Hübner, 1808)\*: Pasărea, Pustnicu, 21.VII.-8.VIII.1996-2008, common.

*Pyrrhia umbra* (Hufnagel, 1766): Pasărea, Pustnicu, Cernica, 30.V.-21.VII.1996-99, rare. Further records: București (Rákosy, 1996).

*Periphanes delphinii* (Linnaeus, 1758) (Fig. 2 I): Pasărea, Cernica, Pustnicu, 21.VII.-9.VIII.1997-99, rare. Further records: București (Popescu-Gorj, 1964; Rákosy, 1996).

*Elaphria venustula* (Hübner, 1790)\*: Brănești, Pasărea, Pustnicu, 28.VII.-9.VIII.1996-2009, rare. *New record for the Romanian Plain.*

*Caradrina morpheus* (Hufnagel, 1766)\*: Pasărea, Cernica, 24-31.VII.1996-99, rare.

*Platyperigea kadenii* (Freyer, 1836): Pasărea, 3.VIII.2002, 2 ♂♂. Further records: București (Popescu-Gorj, 1964; Rákosy, 1996).

*Paradrina clavipalpis* (Scopoli, 1763): București, Chitila, Comana (Popescu-Gorj, 1964; Rákosy, 1996).

*Hoplodrina blanda* ([Denis & Schiffermüller], 1775)\*: Pasărea, 15.IX.2001, rare. *New record for the Romanian Plain.*

*Hoplodrina octogenaria* (Goeze, 1781): București (Rákosy, 1996).

*Hoplodrina ambigua* ([Denis & Schiffermüller], 1775)\*: Pasărea, Pustnicu, 21-30.V.1996-99, rare.

*Hoplodrina respersa* ([Denis & Schiffermüller], 1775): București (Rákosy, 1996).

- Charanyca trigammica* (Hufnagel, 1766): Brănești, Pasărea, 21.VII.-8.VIII.1996-2010, very common. Further records: București, Comana (Popescu-Gorj, 1964).
- Spodoptera exigua* (Hübner, 1808): Pasărea, 8.VIII.1997, 1 ♂. Further records: București (Rákosy, 1996).
- Chilodes maritima* (Tauscher, 1806)\*: Pasărea, 26.V.2001, 1 ♂. *New record for the Romanian Plain.*
- Athetis gluteosa* (Treitschke, 1835)\*: Pasărea, Pustnicu, 28.VII.-8.VIII.1996-2001, rare. Further records: Comana (Rákosy, 1996).
- Dypterygia scabriuscula* (Hufnagel, 1766): Pasărea, Pustnicu, 28.VII.-8.VIII.1997-2009, common. Further records: București, 12.VI.1928 (Popescu-Gorj, 1964; Rákosy, 1996).
- Thalpophila matura* (Hufnagel, 1766)\*: Pasărea, 15-16.IX.2001, rare.
- Trachea atriplicis* (Linnaeus, 1758): Pasărea, 30.V.-2.IX.1996-2010, rare. Further records: București, Comana (Popescu-Gorj, 1964; Rákosy, 1996).
- Euplexia lucipara* (Linnaeus, 1758): Pasărea, 26.V.-17.VIII.1997-2009, rare. Further records: Afumați, București, Comana (Popescu-Gorj, 1964; Rákosy, 1996).
- Phlogophora meticulosa* (Linnaeus, 1758): Pasărea, 15-16.IX.2001, rare. Further records: București, Chitila (Popescu-Gorj, 1964; Rákosy, 1996).
- Actinotia polyodon* (Clerck, 1759): Pasărea, Cernica, 30.V.-31.VII.1997-2009, rare. Further records: București (Rákosy, 1996).
- Enargia abluta* (Hübner, 1808)\*\*: București, 1911-1928, coll. Salay (Popescu-Gorj, 1964).
- Ipimorpha subtusa* ([Denis & Schiffermüller], 1775): București, 1911-1928, coll. Salay (Popescu-Gorj, 1964).
- Mesogona acetosellae* ([Denis & Schiffermüller], 1775): Pasărea, 20.X.2001, rare. Further records: București, 1915-1919 (Popescu-Gorj, 1964).
- Mesogona oxalina* (Hübner, 1803): București (Rákosy, 1996).
- Dycicla oo* (Linnaeus, 1758): București (Rákosy, 1996).
- Parastichtys suspecta* (Hübner, 1817): București (Rákosy, 1996).
- Cosmia diffinis* (Linnaeus, 1767)\*: Comana, Pasărea, 12.VII.-1.VIII., rare. *New record for the Romanian Plain.*
- Cosmia pyralina* ([Denis & Schiffermüller], 1775): Pasărea, 19.VII.-15.IX.1996-99, very common. Further records: București, 1889, coll. Salay (Popescu-Gorj, 1964).
- Cosmia affinis* (Linnaeus, 1758): Comana (Rákosy, 1996).
- Cosmia trapezina* (Linnaeus, 1758): Pasărea, Cernica, Pustnicu, 30.V.-9.VIII.1997-2009, common. Further records: București, Chitila, Comana (Popescu-Gorj, 1964; Rákosy, 1996).
- Atethmia centrago* (Haworth, 1803)\*: Pasărea, 15-16.IX.2001, common. *New record for the Romanian Plain.*
- Atethmia ambusta* ([Denis & Schiffermüller], 1775): Pasărea, 15-16.IX.2001, rare. Further records: București (Rákosy, 1996).

*Xanthia togata* (Esper, 1788)\*: Pasărea, 6.X.2001, 1 ♂. Further records: Comana (Rákosy, 1996).

*Xanthia sulphurago* ([Denis & Schiffermüller], 1775)\*: Pasărea, 15.IX.-6.X.2001, very common. *New record for the Romanian Plain.*

*Xanthia gilvago* ([Denis & Schiffermüller], 1775)\*: Pasărea, 15.IX.-6.X.2001, common. Further records: Comana (Rákosy, 1996).

*Xanthia citrago* (Linnaeus, 1758): Pasărea, 6.X.2001, rare. Further records: Comana (Rákosy, 1996).

*Agrochola lychnidis* ([Denis & Schiffermüller], 1775): Pasărea, 15.IX.-20.X.2001, rare. Further records: București, Chitila (Popescu-Gorj, 1964; Rákosy, 1996).

*Agrochola circellaris* (Hufnagel, 1766): Pasărea, 15.IX.-6.X.2001, common. Further records: București, 1891-1906, coll. Salay (Popescu-Gorj, 1964; Rákosy, 1996).

*Agrochola lota* (Clerck, 1759)\*: Pasărea, 15.IX.-6.X.2001, common. *New record for the Romanian Plain.*

*Agrochola macilenta* (Hübner, 1809)\*: Pasărea, 6.X.2001, common. *New record for the Romanian Plain.*

*Agrochola nitida* ([Denis & Schiffermüller], 1775): Pasărea, 6-20.X.2001, rare. Further records: București (Rákosy, 1996).

*Agrochola helvola* (Linnaeus, 1758): Pasărea, 15.IX.-6.X.2001, rare. Further records: Comana (Rákosy, 1996).

*Agrochola litura* (Linnaeus, 1758): Pasărea, 6-20.X.2001, common. Further records: Comana (Rákosy, 1996).

*Agrochola laevis* (Hübner, 1803)\*: Pasărea, 6.X.2001, rare.

*Eupsilia transversa* (Hufnagel, 1766): București, Pasărea, 15.IX.-6.X.2001, rare. Further records: Comana (Popescu-Gorj, 1964; Rákosy, 1996).

*Jodia craceago* ([Denis & Schiffermüller], 1775): București, 1890-1916 (Montandon, 1900; Popescu-Gorj, 1964; Rákosy, 1996).

*Conistra vaccinii* (Linnaeus, 1761): Pasărea, 15.IX.-20.X.2001, common. Further records: București, Chitila (Popescu-Gorj, 1964; Rákosy, 1996).

*Conistra rubiginea* ([Denis & Schiffermüller], 1775): București, 1889-1896, coll. Salay (Popescu-Gorj, 1964; Rákosy, 1996).

*Conistra ligula* (Esper, 1791): București, 1.VII.1900, coll. Salay (Popescu-Gorj, 1964).

*Orbona fragariae* (Vieweg, 1790)\*\*: București, 1885-1889, coll. Salay (Popescu-Gorj, 1964).

*Ulochlaena hirta* (Hübner, 1813)\*\*: București (Montandon, 1900), București, 6.XI.1929 (Popescu-Gorj, 1964). Acceptable historical record, the species being recorded from the northern territories of Bulgaria (Danube River, Somovit near Gulyantsi) (S. Beshkov, pers. comm.).

*Aporophyla lutulenta* ([Denis & Schiffermüller], 1775): Pasărea, 6-20.X.2001, rare. Further records: Comana (Rákosy, 1996).

- Lithopane ornithopus* (Hufnagel, 1766): Pasărea, 3-4.V.2002, rare. Further records: București, Comana (Popescu-Gorj, 1964; Rákósy, 1996).
- Xylena exsoleta* (Linnaeus, 1758)\*: Pasărea, 3.V.2002, 1 ♀. *New record for the Romanian Plain.*
- Allophyes oxyacanthae* (Linnaeus, 1758): Pasărea, 20.X.2001, rare. Further records: Comana (Rákósy, 1996).
- Dichonia aprilina* (Linnaeus, 1758): București, VII.1882, coll. Salay (Popescu-Gorj, 1964).
- Ammoconia caecimacula* ([Denis & Schiffermüller], 1775): Pasărea, 6-20.X.2001, common. Further records: București, 1911-1932 (Popescu-Gorj, 1964; Rákósy, 1996).
- Valeria oleagina* ([Denis & Schiffermüller], 1775): București (Rákósy, 1996).
- Apamea crenata* (Hufnagel, 1766)\*: Pasărea, 30-31.V.1998, rare. *New record for the Romanian Plain.*
- Apamea remissa* (Hübner, 1809): București (Rákósy, 1996).
- Eremobina pabulatricula* (Brahm, 1791)\*: Comana, 12.VII.1997, 4 ♂♂, 2 ♀♀. *New record for the Romanian Plain.*
- Oligia strigilis* (Linnaeus, 1758): București (Popescu-Gorj, 1964, Rákósy, 1996).
- Oligia latruncula* ([Denis & Schiffermüller], 1775): Pasărea, 30.V.1998, common. Further records: București, Comana (Popescu-Gorj, 1964; Rákósy, 1996).
- Oligia versicolor* (Borkhausen, 1775)\*: Comana, Pasărea, 30.V.-12.VII.1996-99, common.
- Mesoligia furuncula* ([Denis & Schiffermüller], 1775): București, 1915-1919 (Popescu-Gorj, 1964; Rákósy, 1996).
- Mesapamea secalis* (Linnaeus, 1758)\*: Pasărea, 25-31.VII.1997-99, rare. *New record for the Romanian Plain.*
- Luperina testacea* ([Denis & Schiffermüller], 1775)\*: Pasărea, 15.IX.2001, 1 ♂. *New record for the Romanian Plain.*
- Rhizedra lutosa* (Hübner, 1803): București, coll. Salay (Popescu-Gorj, 1964).
- Amphipoea oculatea* (Linnaeus, 1758): Pasărea, 1.VIII.1997, 1 ♂. Further records: Comana, 1915-1916 (Popescu-Gorj, 1964).
- Gortyna flavago* ([Denis & Schiffermüller], 1775)\*: Pasărea, 1.VIII.-15.IX.1998-2001, rare. *New record for the Romanian Plain.*
- Calamia tridens* (Hufnagel, 1766)\*: Pasărea, 1.VIII.2001, 1 ♂.
- Staurophora celsia* (Linnaeus, 1758)\*\*: București (Rákósy, 1996).
- Nonagria typhae* (Thunberg, 1784): Pasărea, 25.VII.2001, 1 ♀. Further records: București, 21.X.1905, coll. Salay (Popescu-Gorj, 1964).
- Discestra trifolii* (Hufnagel, 1766): Brănești, Pasărea, 25.VII.-15.IX.1996-2010, common. Further records: București (Popescu-Gorj, 1964).
- Lacanobia w-latinum* (Hufnagel, 1766): Brănești, Pasărea, 1-9.VIII.1996-2002, rare. Further records: București, Comana (Popescu-Gorj, 1964).
- Lacanobia splendens* (Hübner, 1808)\*: Pasărea, 30.V.1997, 1 ♂.

- Lacanobia oleracea* (Linnaeus, 1758): Brănești, Pasărea, Pustnicu, 28.VII.-9.VIII.1996-2009, rare. Further records: București, Chitila, Comana, Filaret, Jilava, Țigănești (Popescu-Gorj, 1964).
- Lacanobia thalassina* (Hufnagel, 1766): București, Comana (Popescu-Gorj, 1964).
- Lacanobia suasa* ([Denis & Schiffermüller], 1775): București, Comana (Popescu-Gorj, 1964).
- Lacanobia blenna* (Hübner, 1824): București, 25.VIII.1932 (König, 1975).
- Hecatera dysodea* ([Denis & Schiffermüller], 1775): Pasărea, 25-31.VII.1997-2008, rare. Further records: București (Popescu-Gorj, 1964).
- Hecatera bicolorata* (Hufnagel, 1766)\*: Pasărea, 1.VIII.1997, 1 ♂, Pustnicu, 28.VII.2008, rare. *New record for the Romanian Plain.*
- Hecatera cappa* (Hübner, [1803])\*: Pasărea, 21-22.VII.1997, rare. *New record for the Romanian Plain.* Distributed in S.-Europe, Asia Minor, S.-Ukraine, S.-Russia, Altai. In Romania known only from Oltenia, Muntenia and Dobrogea.
- Hadena bicurris* (Hufnagel, 1766)\*: Pasărea, 1.VIII.1997, 1 ♂.
- Hadena luteago* ([Denis & Schiffermüller], 1775): Pasărea, 3-4.VIII.2002, rare. Further records: București (Popescu-Gorj, 1964).
- Hadena albimacula* (Borkhausen, 1792)\*: Pasărea, 21.VII.1997, 2 ♂♂. *New record for the Romanian Plain.*
- Hadena rivularis* (Fabricius, 1775): București (Popescu-Gorj, 1964).
- Hadena perplexa* ([Denis & Schiffermüller], 1775): București (Popescu-Gorj, 1964).
- Melanchnra persicariae* (Linnaeus, 1758): Comana (Popescu-Gorj, 1964; Rákósy, 1996).
- Mamestra brassicae* (Linnaeus, 1758): Pasărea, Pustnicu, 24.VII.-8.VIII.1996-2009, rare. Further records: București, Chitila, Comana, Filaret, Țigănești (Popescu-Gorj, 1964).
- Mythimna turca* (Linnaeus, 1758): Pasărea, Cernica, 30.V.-8.VIII.1997-2008, common. Further records: București (Rákósy, 1996).
- Mythimna ferrago* (Fabricius, 1787): Brănești, Pasărea, 21.VII.-16.VIII.1996-2008, rare. Further records: Comana (Popescu-Gorj, 1964; Rákósy, 1996).
- Mythimna albipuncta* ([Denis & Schiffermüller], 1775): Brănești, Pasărea, Pustnicu, 21.V.-20.X.1996-2010, common. Further records: București, Chitila, Comana (Popescu-Gorj, 1964).
- Mythimna vitellina* (Hübner, 1790): Brănești, Pasărea, Cernica, Pustnicu, 21.V.-20.X.1996-2010, common. Further records: București (Rákósy, 1996).
- Mythimna impura* (Hübner, 1808): Afumați, 1880, coll. Salay (Popescu-Gorj, 1964).
- Mythimna pallens* (Linnaeus, 1758): Brănești, Comana, Pasărea, 12.VII.-8.VIII.1996-2010, rare. Further records: București (Rákósy, 1996).
- Mythimna obsoleta* (Hübner, 1803): Pasărea, 25-30.V.1996-99, rare. Further records: Comana (Rákósy, 1996).
- Mythimna comma* (Linnaeus, 1758)\*: Pasărea, 25.VII.-1.VIII.1997-99, rare. *New record for the Romanian Plain.*

*Mythimna l-album* (Linnaeus, 1758): Pasărea, 1.VIII.-6.X.1996-2009, rare. Further records: București, Chitila, Comana (Popescu-Gorj, 1964).

*Orthosia incerta* (Hufnagel, 1766): Pasărea, 3-26.V.1997-2010, rare. Further records: Comana (Rákósy, 1996).

*Orthosia gothica* (Linnaeus, 1758): Pasărea, Pustnicu, 3-21.V.1997-2010 common. Further records: București, Comana (Popescu-Gorj, 1964; Rákósy, 1996).

*Orthosia cruda* ([Denis & Schiffermüller], 1775): Pasărea, 2-3.V.2001, rare. Further records: București (Popescu-Gorj, 1964; Rákósy, 1996).

*Orthosia miniosa* ([Denis & Schiffermüller], 1775): Brănești, 2.IV.1903, coll. Salay (Popescu-Gorj, 1964, Rákósy, 1996).

*Orthosia cerasi* (Fabricius, 1775): Pasărea, Pustnicu, 3-21.V.1997-2009, common. Further records: București (Popescu-Gorj, 1964; Rákósy, 1996).

*Egira conspicillaris* (Linnaeus, 1758): Pasărea, Pustnicu, 3-21.V.1997-2009, common. Further records: București (Popescu-Gorj, 1964; Rákósy, 1996).

*Tholera decimalis* (Poda, 1761): Pasărea, 15.IX.2001, rare. Further records: București, Comana (Popescu-Gorj, 1964).

*Axylia putris* (Linnaeus, 1758): Pasărea, Pustnicu, 30.V.-1.VIII.1996-2009, rare. Further records: București, Chitila (Popescu-Gorj, 1964).

*Ochropleura plecta* (Linnaeus, 1758): Brănești, Pasărea, 21.V.-15.IX.1996-2010, common. Further records: București, Chitila (Popescu-Gorj, 1964).

*Diarsia brunnea* ([Denis & Schiffermüller], 1775)\*: Pasărea, 19.VII.2001, 1 ♂.

*Diarsia dahlui* (Hübner, 1813): București (Rákósy, 1996).

*Noctua pronuba* (Linnaeus, 1758): Brănești, Comana, Pasărea, Pustnicu, 21.V.-20.X.1996-2009, common. Further records: București, Chitila, Comana (Popescu-Gorj, 1964; Rákósy, 1996).

*Noctua orbona* (Hufnagel, 1766): Pasărea, 31.VII.-16.VIII.1996-2009, rare. Further records: București (Rákósy, 1996).

*Noctua fimbriata* (Schreber, 1759): Comana, Pasărea, Pustnicu, 12.VII.-7.VIII.1996-2009, rare. Further records: București, Comana (Rákósy, 1996).

*Noctua janthina* ([Denis & Schiffermüller], 1775): Brănești, Pasărea, 21.VII.-15.IX.1996-99, rare. Further records: București (Popescu-Gorj, 1964; Rákósy, 1996).

*Noctua haywardi* (Tams, 1926)\* (Fig. 2 H): Pasărea, 19.VII.2001 and 1.VIII.2001, 2 ♂♂.

Signaled as a new species for the Romanian fauna in 2002 (Székely & Stanciu, 2002). A West-Asian element, spread on the Balkan Peninsula (in Greece, Bulgaria, Croatia, Macedonia), the south of Hungary, the Crimean Peninsula (Fibiger, 1993; Efetov & Budashkin, 1990), Cyprus and the western territories of Turkey, a very rare species, known in the Romanian fauna only from this area. *New record for the Romanian Plain.*

*Spaetotis ravida* ([Denis & Schiffermüller], 1775): București, 12.VII.1919 (Popescu-Gorj, 1960, 1964; Rákósy, 1996).



- Rhyacia simulans* (Hufnagel, 1766): Brănești, Pasărea, 2.VIII.-15.IX.1997-2001, rare. Further records: București, 2.VII.1960 (König, 1975; Rákósy, 1996).
- Opigena polygona* ([Denis & Schiffermüller], 1775): București, 5.VI.1889, coll. Salay (Popescu-Gorj, 1964).
- Eugraphe sigma* ([Denis & Schiffermüller], 1775): București (Rákósy, 1996).
- Xestia c-nigrum* (Linnaeus, 1758): Pasărea, Cernica, Pustnicu, 21.V.-15.IX.1996-2009, common. Further records: București, Comana (Popescu-Gorj, 1964).
- Xestia ditrapezium* ([Denis & Schiffermüller], 1775): Pasărea, 21.VII.-1.VIII.1997-2009, rare. Further records: București (Rákósy, 1996).
- Xestia triangulum* (Hufnagel, 1766): Pasărea, 19.VII.-1.VIII.1997-2009, rare. Further records: București (Rákósy, 1996).
- Xestia rhomboidea* (Esper, 1790)\*: Pasărea, 7.VIII.1997, 1 ♀.
- Xestia xanthographa* ([Denis & Schiffermüller], 1775)\*: Pasărea, 15.IX.-6.X. 2001, very common. *New record for the Romanian Plain.*
- Cerastis rubricosa* ([Denis & Schiffermüller], 1775): Pustnicu, 21.V.2009, common. Further records: București, 13.VI.1916 (Popescu-Gorj, 1964; Rákósy, 1996).
- Cerastis leucographa* ([Denis & Schiffermüller], 1775)\*: Pustnicu, 21.V.2009, common. *New record for the Romanian Plain.*
- Naenia typica* (Linnaeus, 1758): Afumați, București, 1891-1906, coll. Salay (Popescu-Gorj, 1964).
- Anaplectoides prasina* ([Denis & Schiffermüller], 1775): Comana, 1890-1916 (Popescu-Gorj, 1964; Rákósy, 1996).
- Peridroma saucia* (Hübner, 1808): Brănești, Pasărea, 15.VIII.-2.X.1997-2002, rare. Further records: București (Popescu-Gorj, 1964; Rákósy, 1996).
- Actebia praecox* (Linnaeus, 1758): București, 1913, coll. Salay (Popescu-Gorj, 1964; Rákósy, 1996).
- Euxoa aquilina* ([Denis & Schiffermüller], 1775): Comana, 12.VII.1997, 1 ♂. Further records: București, 7.VII.1928 (Popescu-Gorj, 1964; Rákósy, 1996).
- Euxoa obelisca* ([Denis & Schiffermüller], 1775): București (Rákósy, 1996).
- Euxoa temera* (Hübner, 1808): Pasărea, 15.IX.2001, 1 ♂. Further records: Băneasa (Popescu-Gorj, 1960).
- Euxoa nigricans* (Linnaeus, 1758): Pasărea, 27.V.2001, 1 ♂. Further records: Comana, 30.VI.1894 (Popescu-Gorj, 1964; Rákósy, 1996).
- Euxoa tritici* (Linnaeus, 1758): Comana, 12.VII.1997, rare. Further records: București (Rákósy, 1996).
- Agrotis crassa* (Hübner, 1803): Pasărea, 1.VIII.-15.IX.1997-2001, common. Further records: București (Rákósy, 1996).
- Agrotis ipsilon* (Hufnagel, 1766): Pasărea, Pustnicu, 3.V.-15.IX., common. Further records: București, Chitila, Comana (Popescu-Gorj, 1964).
- Agrotis exclamationis* (Linnaeus, 1758): Brănești, Pasărea, Cernica, Pustnicu, 21.V.-9.VIII.1996-2010, common. Other remarks: Mihai Bravu (Popescu, 1939); București, Chitila, Comana (Popescu-Gorj, 1964).

*Agrotis segetum* ([Denis & Schiffermüller], 1775): Brănești, Cernica, Pustnicu, 1.V.-2.X.1996-2010, common. Further records: Mihai Bravu (Popescu, 1939); București, Chitila, Comana (Popescu-Gorj, 1964).

*Calocasia coryli* (Linnaeus, 1758): Pasărea, Pustnicu, 3-26.V.1997-2009, rare. Further records: Comana, 1915-1924 (Popescu-Gorj, 1964; Rákosy, 1996).

#### Family Lymantriidae

*Lymantria monacha* (Linnaeus, 1758)\*\*: Comana, 16.VII.1916 (Popescu-Gorj, 1964).

*Lymantria dispar* (Linnaeus, 1758): Brănești, Comana, Pasărea, Pustnicu, 12.VII.-17.VIII.1996-2010, common. Further records: Brănești, Comana, București, Chitila, Jilava, Țigănești (Popescu-Gorj, 1964).

*Callitaera pudibunda* (Linnaeus, 1758)\*: Pustnicu, 21.V.2009, common. *New record for the Romanian Plain.*

*Dicallomera fascelina* (Linnaeus, 1758)\*\*: București, 1906-1919, coll. Salay (Popescu-Gorj, 1964).

*Orgyia antiqua* (Linnaeus, 1758): Brănești, Pasărea, Pustnicu, 21.VII.-9.VIII.1997-2008, common. Further records: București, Comana (Popescu-Gorj, 1964).

*Euproctis chryssorrhoea* (Hübner, 1822): Pasărea, 25.VII.-9.VIII.1996-2009, rare. Further records: București, Brănești, Comana, Chitila, Țigănești (Popescu-Gorj, 1964).

*Euproctis similis* (Fuessly, 1767): Pasărea, Cernica, 21.VII.-11.VIII.1996-2010, rare. Further records: București, Brănești, Chitila, Comana, Țigănești (Popescu-Gorj, 1964).

*Penthophera morio* (Linnaeus, 1758): Afumați, 8.V.1881, coll. Salay (Popescu-Gorj, 1964).

*Leucoma salicis* (Linnaeus, 1758): Comana, Pasărea, 12.VII.-1.VIII.1996-99 common. Further records: București, Chitila, Comana, Țigănești (Popescu-Gorj, 1964).

*Arctornis l-nigrum* (Müller, 1764)\*: Comana, Pasărea, Cernica, Pustnicu, 12.VII.-8.VIII.1996-2010, very common.

#### Family Nolidae

*Meganola togatulalis* (Hübner, 1798): București (Popescu-Gorj, 1964; Rákosy, 1996).

*Meganola strigula* ([Denis & Schiffermüller], 1775)\*: Brănești, Pustnicu, Pasărea, Cernica, 21.V.-9.VIII.1998-2009, very common. *New record for the Romanian Plain.*

*Meganola kolbi* (Daniel, 1935)\*: Pasărea, 30.V.1998, 2 ♂♂. *New record for the Romanian Plain.*

*Nola cuculatella* (Linnaeus, 1758)\*: Pasărea, 8.VIII.1997, 1 ♀. *New record for the Romanian Plain.*

*Nola cristatula* (Hübner, 1793)\*: Brănești, Pasărea, 7-8.VIII.1997, rare. *New record for the Romanian Plain.*

*Nycteola asiatica* (Krulikowsky, 1904)\*: Pasărea, 19-26.VII.2001, rare. Further records: Comana (Rákosy, 1996).

*Bena bicolorana* (Fuessly, 1775) (= *prasinana* auct., nec Linnaeus): Brănești, Pasărea, 25-31.VII.1997-2009, rare. Further records: București (Rákosy, 1996).

*Pseudoips prasinanus* (Linnaeus, 1758) (= *faganus* Fabricius, 1781): Brănești, Pasărea, 31.V.-25.VII.1997-2008, rare. Further records: București (Popescu-Gorj, 1964; Rákosy, 1996).

*Earias clorana* (Linnaeus, 1758): Pasărea, 25-31.VII.1997-99, rare. Further records: București (Popescu-Gorj, 1964; König, 1975; Rákosy, 1996).

*Earias vernana* (Fabricius, 1787)\*: Pasărea, 21.VII.-8.VIII.1997-99, rare. *New record for the Romanian Plain.*

#### Family Arctiidae

*Miltochrista miniata* (Forster, 1771) (Fig. 2 U): Brănești, Comana, Pustnicu, Cernica, 21.V.-16.VIII.1996-2010. very common. Further records: Băneasa (Popescu-Gorj, 1964); *Miltochrista miniata* - form. *fasciata*, Rebel, 1915 (Fig. 2 U): Pasărea, Brănești, Pustnicu, rare.

*Cybosia mesomella* (Linnaeus, 1758): Brănești, Pasărea, 26-27.V.2001, very common. Further records: Chitila, Țigănești (Popescu-Gorj, 1964).

*Pelosia muscerda* (Hufnagel, 1766)\*: Pasărea, Pustnicu, 26.V.-1.VIII.1997-2001, common.

*Pelosia obtusa* (Herrich-Schäffer, 1847)\*: Pasărea, 17.VII.-1.VIII.1996-2002, rare. *New record for the Romanian Plain.*

*Atolmis rubicollis* (Linnaeus, 1758): Pasărea, 21.VII.-8.VIII.1996-2001, rare. Further records: București (Popescu-Gorj, 1964).

*Lithosia quadra* (Linnaeus, 1758): Brănești, Pasărea, 21.VII.-15.IX.1996-2008, rare. Further records: Brănești, Comana, Țigănești (Popescu-Gorj, 1964).

*Eilema complana balcanica* (Daniel, 1939)\*: Pasărea, 25.VII.-8.VIII.1996-99, rare. *New record for the Romanian Plain.*

*Eilema pseudocomplana* (Daniel, 1939)\*: Pasărea, 7-8.VIII.1997, 2 ♂♂. *New record for the Romanian Plain.*

*Eilema sororcula* (Hufnagel, 1766): Pasărea, Pustnicu, 25.VII.-8.VIII.1997-2009, common. Further records: Comana, 1914-1915, coll. Salay (Popescu-Gorj, 1964).

*Amata phegea* (Linnaeus, 1758): Otopeni, Românești, Săftica, 15.VI.2009, very common. Further records: București, Chitila, Filaret, Jilava (Montandon, 1900; Popescu-Gorj, 1964).

*Dysauxes ancilla* (Linnaeus, 1767): Pasărea, 25-31.VII.1996-99, rare. Further records: București, Comana (Popescu-Gorj, 1964)

*Phragmatobia fuliginosa* (Linnaeus, 1758): Pasărea, Pustnicu, 21.V.-8.VIII.1996-2010, rare. Further records: București, Comana (Popescu-Gorj, 1964)

*Spilosoma lutea* (Hufnagel, 1766): Brănești, Pasărea, Cernica, 21.VII.-9.VIII.1996-99, common. Further records: București, Comana (Popescu-Gorj, 1964).

*Spilosoma lubricipeda* (Linnaeus, 1758): Brănești, Comana, Pasărea, Pustnicu, 12.VII.-9.VIII.1996-2009, very common. Further records: Comana (Popescu-Gorj, 1964).

*Spilosoma urticae* (Esper, 1789): București, Comana, Filaret (Popescu-Gorj, 1964).

*Hyphantria cunea* (Drury, 1773)\*: Pasărea, Pustnicu, 21.VII.-6.VIII.1997-2001, rare.

*Diaphora mendica* (Clerck, 1759): București, Chitila (Popescu-Gorj, 1964).

*Rhyparia purpurata* (Linnaeus, 1758): Comana, 26.VI.1918 (Popescu-Gorj, 1964).

*Diacrisia sannio* (Linnaeus, 1758): Pasărea, 3-4.VIII.2002, common. Further records: Comana, Chitila, Țigănești (Popescu-Gorj, 1964).

*Arctia caja* (Linnaeus, 1758)\*: Pasărea, 3.VIII.2004, 1 ♂. *New record for the Romanian Plain.*

*Arctia villica* (Linnaeus, 1758): Pasărea, 26-27.V.2001, rare. Further records: București, Chitila (Popescu-Gorj, 1964).

*Callimorpha dominula* (Linnaeus, 1758)\*\*: Comana, 1911-1916 (Popescu-Gorj, 1964).

*Euplagia quadripunctaria* (Poda, 1761) (Fig. 2 T): Pasărea, 25.VII.-7.VIII.1996-2001, rare. Further records: București, Mihai Bravu (Popescu, 1939; Popescu-Gorj, 1964).

#### Family Eriocraniidae

*Eriocrania subpurpurella* (Haworth, 1828): Băneasa, Pasărea, Ștefănești, leg. A. Popescu-Gorj (Kovács & Kovács, 1998).

#### Family Hepialidae

*Triodia sylvina* (Linnaeus, 1758): Brănești, Pasărea, 15-16.IX.2001, very common. Further records: București, Țigănești (Popescu-Gorj, 1964).

#### Family Nepticulidae

*Ectoedemia lousiella* (Sircom, 1849): Bucuresti (Drăghia, 1970).

#### Family Incurvariidae

*Incurvaria pectinea* (Haworth, 1828): Pasărea, 29.VIII.1972, leg. I. Drăghia (Kovács & Kovács, 2000).

*Incurvaria masculinella* ([Denis & Schiffermüller], 1775): Păd. Andronache, Mogoșoaia, Săbăreni (Kovács & Kovács, 2000).

#### Family Tineidae

*Euplectamus anthracinalis* (Scopoli, 1763): Pasărea, 21.VII.-8.VIII.1997-99, rare. Further records: București, Păd. Andronache, Comana, Pantelimon (Căpușe, 1968).

*Morophaga boleti* (Fabricius, 1777): București (Căpușe, 1968).

*Neurothaumasia ankerella* (Mann, 1867): Pasărea, 8.VIII.1997, 1 ♂. Further records: București (Căpușe, 1968).

*Nemaxera emortuella* (Zeller, 1839): Băneasa (Căpușe, 1968).

- Nemapogon granellus* (Linnaeus, 1758): București (Căpușe, 1968).  
*Nemapogon cloacellus* (Haworth, 1828): București (Montandon, 1900; Căpușe, 1968).  
*Nemapogon personellus* (Pierce & Metcalfe, 1934): București (Căpușe, 1968).  
*Haplotinea ditella* (Pierce & Metcalfe, 1934): București (Căpușe, 1968).  
*Cilicornella relicinella* (Herrich-Schäffer, 1851): București, Comana (Căpușe, 1968).  
*Tricophaga tapetzella* (Linnaeus, 1758): București (Căpușe, 1968).  
*Tineola biseliella* (Hummel, 1828): București (Căpușe, 1968).  
*Niditinea fuscipunctella* (Haworth, 1828): București (Căpușe, 1968).  
*Tinea pelionella* Linnaeus, 1758: București (Căpușe, 1968).  
*Tinea leonhardi* Petersen, 1957: București (Căpușe, 1968).  
*Tinea turicensis* Müller-Rutz, 1920: București (Căpușe, 1968).  
*Tinea lanella* Pierce & Metcalfe, 1934: București (Căpușe, 1968).  
*Monopis rusticella* (Hübner, 1776): București (Căpușe, 1968).  
*Monopis monachella* (Hübner, 1776): Pasărea, 8.VIII.1997, 1 ex. Further records: București, Ștefănești (Căpușe, 1968).  
*Monopis crocicapitella* (Clemens, 1859): București, Ștefănești (Căpușe, 1968).  
*Monopis imella* (Hübner, 1813): București (Căpușe, 1968).  
*Tenaga rhenania* (G. Petersen, 1962): București (Căpușe, 1968).  
*Monopis nigricantella* (Milliere, 1872): București (Caradja, 1901; Căpușe, 1968).  
*Infurcitinea ignicomella* (Herrich-Schäffer, 1851): București (Montandon, 1900; Căpușe, 1968).  
*Infurcitinea albicomella* (Herrich-Schäffer, 1851): Comana, Mironești (Căpușe, 1968).

#### Family Psychidae

- Psychidea nudella* (Ochsenheimer, 1810): București (Caradja, 1903).  
*Epichnopterix plumella* ([Denis & Schiffermüller], 1775): București (Popescu-Gorj, 1964).  
*Caneophora hirsuta* (Poda, 1761): Pasărea, 6.VI.1998, ex. larva, 1 ♂. (leg. S. M. Stanciu). Further records: Afumați, București (Popescu-Gorj, 1964).  
*Pachytelia vilosella* (Ochsenheimer, 1810): București, Filaret (Popescu-Gorj, 1964).  
*Megalophanes viciella* ([Denis & Schiffermüller], 1775)\*: Pasărea, 30.V.1998, 1 ♂.  
*Sterrhoptrix fusca* (Haworth, 1809)\*: Pasărea, 30.V.-25.VII.1996-99, common.

#### Family Gracillaridae

- Callisto denticulella* (Thunberg, 1794)\*: Brănești, Pasărea, 25.VII.-7.VIII.1996-99, rare.  
*Phyllonorycter platani* (Staudinger, 1870): București (Drăghia, 1970; Rákosy & Momeu, 2009).  
*Cameraria ochridella* Deschka & Dimic, 1986: București (Rákosy, Goia & Kovács, 2003).

## Family Yponomeutidae

*Yponomeuta evonymella* (Linnaeus, 1758)\*: Brănești, Pasărea, 21.VII.-8.VIII.1996-99, common.

*Yponomeuta padella* (Linnaeus, 1758): București, Chitila, Comana (Popescu-Gorj, 1964), Pasărea, 13.VI.1960 (König, 1975).

*Yponomeuta malinellus* Zeller, 1838\*: Brănești, Pasărea, 31.VII.-8.VIII.1996-99, common.

*Yponomeuta irrorella* (Hübner, 1796): București, Comana (Popescu-Gorj, 1964).

*Yponomeuta plumbella* ([Denis & Schiffermüller], 1775): Pasărea, 8.VIII.1997, 1 ♂.

Further records: București, Comana (Popescu-Gorj, 1964).

## Family Ypsolophidae

*Ypsolophus scabrella* (Linnaeus, 1758)\*: Pasărea; 1.VIII.1998, 1 ♂.

## Family Plutellidae

*Plutella xylostella* (Linnaeus, 1758): Brănești, Pasărea, 25-31.VII.1996-2001, common. Further records: Pasărea, 7.V.1946, 17.VII.1960 (König, 1975).

*Eidophasia messingiella* (Fischer v. Röslerstamm, 1840): Pasărea, 30.V.1998, common. Further records: Pasărea, 9.VI.1961 (König, 1975).

## Family Ethmiidae

*Ethmia funerella* (Fabricius, 1787)\*: Pasărea, 30.V.1998, common.

*Ethmia bipunctella* (Fabricius, 1775)\*: Pasărea, 30.V.1998, rare.

## Family Depressariidae

*Agonopteryx propinquella* (Treitschke, 1835): București (Popescu-Gorj, 1964).

*Agonopteryx alstromeriana* (Clerck, 1759): Pasărea, 1.VIII.1998, 1 ♂. Further records: Băneasa, 29.VIII.1960 (König, 1975).

## Family Chimabachidae

*Diurnea fagella* ([Denis & Schiffermüller], 1775): Păd. Andronache, 18-23.III.1936 (König, 1975).

## Family Oecophoridae

*Epicallima formosella* ([Denis & Schiffermüller], 1775): Brănești, Pasărea, 30-31.V.1997-99, very common. Other remarks: București (Popescu-Gorj, 1964).

*Esperia oliviella* (Fabricius, 1794): Băneasa, 12.VI.1950, 18.VII.1961 (König, 1975).

*Alabonia staintoniella* (Zeller, 1850): Băneasa, 24.V.1961 (König, 1975).

*Harpella forficella* (Scopoli, 1763)\*: Brănești, Pasărea, 21.VII.-8.VIII.1997-99, rare.

*Carcina quercana* (Fabricius, 1775)\*: Pasărea, 7.VIII.1997, 1 ♂.

## Family Lecithoceridae

*Lecithocera nigrana* (Duponchel, 1836): București (Popescu-Gorj, 1964).

*Homalexastis briantella* (Turati, 1879)\*: Pasărea, 21-25.VII.1996-99, rare.

## Family Coleophoridae

*Coleophora frischella* (Linnaeus, 1758)\*: Pasărea, Pustnicu, 31.V.-9.VIII.1996-2001, rare.

*Coleophora mayrella* (Hübner, 1813): București (Montandon, 1900).

## Family Pterolonchidae

*Pterolonche albescens* Zeller, 1847: Pasărea, 1.VIII.2001, 2 ♂♂. Further records: Pasărea, 18.VII.1978 (Popescu-Gorj, 1986).

## Family Argyresthiidae

*Argyresthia arcella* (Fabricius, 1771)\*: Pasărea, 31.VII.-7.VIII.1997-2001, very common.

## Family Autostichidae

*Oegoconia quadripuncta* (Haworth, 1828): București, 5.VI.1947 (König, 1975).

## Family Amphisbatidae

*Hypercallia citrinalis* (Scopoli, 1763)\*: Pasărea, 30.V.1998, 1 ♂.

*Anchinia daphnella* ([Denis & Schiffermüller], 1775)\*: Pasărea, 1.VIII.2001, 1 ♂.

## Family Cosmopterigidae

*Pyroderces argyrogrammos* (Zeller, 1847): București (Popescu-Gorj, 1964).

## Family Gelechiidae

*Pseudotelphusa scalella* (Scopoli, 1763): Băneasa, 13.VIII.1961 (König, 1975).

*Helcistogramma trianulella* (Herrich-Schäffer, 1854): București (Popescu-Gorj, 1964).

*Atremaea lonchoptera* (Staudinger, 1871)\*: Comana, 12.VII.1997, rare.

## Family Limacodidae

*Apoda limacodes* (Hufnagel, 1766)\*: Pasărea, Pustnicu, 21.V.-28.VII.1996-2009, common.

## Family Zygaenidae

*Rhagades pruni* ([Denis & Schiffermüller], 1775): București, Comana (Popescu-Gorj, 1964).

*Jordanita globulariae* (Hübner, 1793)\*: Pasărea, 25.VII.-6.VIII.1996-99, rare.

*Zygaena purpuralis pluto* Ochsenheimer, 1808: Comana, Țigănești (Popescu-Gorj, 1964).

*Zygaena loti balcanica* Reiss, 1922: București, Comana (Popescu-Gorj, 1964).

*Zygaena carniolica caliacrae* Reiss, 1931: București, Chitila, Comana (Popescu-Gorj, 1964).

*Zygaena viciae dacica* Caradja, 1893: Comana (Popescu-Gorj, 1964).

*Zygaena filipendulae* (Linnaeus, 1758): Brănești, Comana, Țigănești (Popescu-Gorj, 1964).

*Zygaena loniceriae* (Scheven, 1777): Comana (Popescu-Gorj, 1964).

*Zygaena angelicae transcarpathina* Hormuzachi, 1902: Comana (Popescu-Gorj, 1964).

*Zygaena contaminei* Boisduval, 1834: Comana (Popescu-Gorj, 1964).

*Zygaena ephialtes pannonica* Holik, 1972: București, Comana, Filaret (Popescu-Gorj, 1964).

#### Family Sesiidae

*Sesia apiformis* (Clerck, 1759): București (Popescu-Gorj, 1964).

*Paranthrene tabaniformis* (Rottenburg, 1775): București, Chitila (Popescu-Gorj, 1964).

*Synanthedon tipuliformis* (Clerck, 1759): Filaret–București (Popescu-Gorj, 1964).

*Synanthedon vespiformis* (Linnaeus, 1758): Căldărușani, Pasărea (Popescu-Gorj, 1964).

*Synanthedon conopiformis* (Esper, 1782)\*: Pustnicu, 21.V. 2009, 2 ♂♂.

*Bembecia scopigera* (Scopoli, 1763): Comana (Popescu-Gorj, 1964).

*Chamaesphecia annellata* (Zeller, 1847): București, Comana (Popescu-Gorj, 1964).

*Chamaesphecia masariformis* (Ochsenheimer, 1808): Comana (Popescu-Gorj, 1964).

*Chamaesphecia empiformis* (Esper, 1783): Comana, Pasărea (Popescu-Gorj, 1964).

#### Family Cossidae

*Cossus cossus* (Linnaeus, 1758): Pasărea, Pustnicu, 21.VII.-6.VIII.1996-2009, rare. Further records: București (Popescu-Gorj, 1964).

*Zeuzera pyrina* (Linnaeus, 1761): Brănești, Pasărea, Cernica, Pustnicu, 21.VII.-9.VIII.1996-2010, common. Further records: București, Țigănești (Popescu-Gorj, 1964).

*Phragmataecia castaneae* (Hübner, 1790): Pasărea, Pustnicu, 30.V.-28.VII.1997-2009, rare. Further records: București (Popescu-Gorj, 1964).

*Parahypopta caestrum* (Hübner, 1808): Pasărea, 2.VIII.2002, 1 ♂. Further records: București (Montandon, 1900).



## Family Tortricidae

- Pterochroa schreibersiana* (Fröhlich, 1828): Păd. Andronache, 28.IX.1936, leg. A. Popescu-Gorj (Kovács & Kovács, 2001).
- Agapeta hamana* (Linnaeus, 1758): Pasărea, 1.VIII.1998, 1 ♀. Further records: București (Popescu-Gorj, 1964).
- Agapeta zoegana* (Linnaeus, 1758)\*: Pasărea, 1-8.VIII.1998, rare.
- Cochylidia phaleratana* (Herrich-Schäffer, 1840)\*: Pasărea, 1-8.VIII.1998, rare.
- Eugnosta magnificana* (Rebel, 1914)\*: Pasărea, 30.V.1998, 1 ♂. Further records: Pasărea (Popescu-Gorj, 1974).
- Eugnosta lathoniana* (Hübner, 1800)\*: Pasărea, 30.V.1998, rare.
- Tortrix viridana* (Linnaeus, 1758): Brănești, Pasărea, 30-31.V.1996-2010, common. Further records: București (Popescu-Gorj, 1964).
- Acleris holmiana* (Linnaeus, 1758)\*: Pasărea, 25-31.VII.1996-99, rare.
- Acleris forsskaleana* (Linnaeus, 1758): Pasărea, 25-31.VII.1997-99, rare. Further records: Pasărea, 20.VII.1973 (König, 1975).
- Acleris lorquiniana* (Duponchel, 1835): Pasărea, 5.VIII.1971, 1 ♀ (Karisch, 2004).
- Acleris kochiella* (Goeze, 1783): Pasărea, 5.VIII.1971, 1 ♂ (Karisch, 2004).
- Argyrothaenia pulchellana* (Haworth, 1811)\*: Pasărea, 21-31.VII., common.
- Cnephasia communana* (Herrich-Schäffer, 1851): Brănești, Pasărea, 30-31.V.1997-2001, rare. Further records: Pasărea, 7.V.1961 (König, 1975).
- Sparganothis pilleriana* ([Denis & Schiffermüller], 1775): București, 10.VIII.1936 (König, 1975).
- Archips podana* (Scopoli, 1763): Pasărea, 30.V.1998, common. Further records: București, Filaret (Montandon, 1900; Popescu-Gorj, 1964); Pasărea (König, 1975).
- Archips rosana* (Linnaeus, 1758)\*: Pasărea, 21-25.VII.1997-99, common. Further records: Pasărea, 16.VI.197(?) , 1 ♂ (Karisch, 2010).
- Archips crataegana* (Hübner, 1799)\*: Pasărea, 30.V.1998, rare.
- Ptycholoma lacheana* (Linnaeus, 1758): Păd. Andronache, 28.V.1913 (König, 1975).
- Pandemis heparana* ([Denis & Schiffermüller], 1775): Pasărea, 1.VIII.1998, 2 ♂♂. Further records: Băneasa, 21.VIII.1961 (König, 1975).
- Bactra lanceolana* (Hübner, 1799)\*: Pasărea, 1-8.VIII.1997-98, rare.
- Bactra furfurana* (Haworth, 1811)\*: Pasărea, 1-8.VIII.1997-98, rare.
- Celypha striana* ([Denis & Schiffermüller], 1775): Brănești, Pasărea, 1-8.VIII., 1997-99 rare. Further records: București (Montandon, 1900), Băneasa, 15.VIII.1959 (König, 1975).
- Celypha lacunana* ([Denis & Schiffermüller], 1775): București (Popescu-Gorj, 1964).
- Celypha rivulana* (Scopoli, 1763): București (Popescu-Gorj, 1964).
- Hedya nubiferana* (Haworth, 1811)\*: Pasărea, 30.V.1998, rare.
- Aleimma loeflingiana* (Linnaeus, 1758)\*: Pasărea, 30.V.1998, rare.
- Olethreutes arcuella* (Clerck, 1759): Pasărea, 30.V.1998, 1 ♂. Further records: Băneasa, 6.V.1951 (König, 1975).

- Notocelia uddmanniana* (Linnaeus, 1758)\*: Pasărea, 30-31.V.1998-2001, rare.
- Thiodia citrana* (Hübner, 1799)\*: Brănești, Pasărea, 25.VII.-8.VIII.1997-99, rare.
- Epinotia festivana* (Hübner, 1799): Băneasa, București (Popescu-Gorj, 1974).
- Eucosma metzneriana* (Treitschke, 1830)\*: Comana, Pasărea, 12-25.VII.1997-99, rare.
- Eucosma pupillana* (Clerck, 1759): Pasărea, 27.VI.1954 (König, 1975).
- Epiblema scutulana* ([Denis & Schiffermüller], 1775): Pasărea, 25.VII.-8.VIII.1997-99, common. Further records: București (Popescu-Gorj, 1964).
- Epiblema foenella* (Linnaeus, 1758)\*: Pasărea, 25.VII.1997, rare.
- Ancylis comptana* (Fröhlich, 1828): Băneasa, 18.V.1960 (König, 1975).
- Ancylis badiana* ([Denis & Schiffermüller], 1775)\*: Pasărea, 30.V.1998, rare.
- Ancylis mitterbacheriana* ([Denis & Schiffermüller], 1775)\*: Brănești, Pasărea, 30-31.V.1997-99, rare.
- Cydia splendana* (Hübner, 1799)\*: Pasărea, 1-8.VIII.1997-99, rare.
- Cydia pomonella* (Linnaeus, 1758): Brănești, Pasărea, 1-9.VIII.1996-2009, very common. Further records: București (Popescu-Gorj, 1964).
- Cydia fagiglandana* (Zeller, 1841)\*: Pasărea, 1-8.VIII.1997-99, rare.
- Lathronympha strigana* (Fabricius, 1775)\*: Pasărea, 1-8.VIII.1996-2001, rare.
- Choristoneura hebenstriatella* (Müller, 1764)\*: Pasărea, 30.V.1998, rare.
- Phalonidia contractana* (Zeller, 1847)\*: Pasărea, 7-8.VIII.1997, rare. Further records: București, 5.VII.1973 (Karisch, 1999).
- Phalonidia manniana* (Fischer von Röslerstamm, 1839): Pasărea, 5.VIII.1971 (Karisch, 1999).
- Gynnidomorpha permixtana* (Denis & Schiffermüller], 1775): Pasărea, 6.VIII.1973 (Karisch, 2003).
- Gynnidomorpha alismana* (Ragonot, 1883): Pasărea, 5.VIII.1971, 2 ♂♂ (Karisch, 1999).
- Aethes francillana* (Fabricius, 1794): București, 5.VII.1973, 3 ♂♂, 1 ♀ (Karisch, 1999).
- Cochyliidia implicitana* (Wocke, 1856): Pasărea, București, 5-6.VII.1972, 2 ex. (Karisch, 1999, 2003).
- Cochylys epilinana* Duponchel, 1842: Pasărea, 5.VIII.1971, 1 ♂ (Karisch, 1999).
- Cochylys salebrana* (Mann, 1862): Pasărea, 5.VIII.1971, 1 ♂; 6.VIII.1973, 2 ♂♂ (Karisch, 1999).
- Cochylys posterana* Zeller, 1847: București, 5.VII.1973, 1 ♂, Pasărea, 5.VIII.1971, 1 ♂ (Karisch, 1999).

#### Family Alucitidae

- Alucita hexadactyla* (Linnaeus, 1758)\*: Pasărea, 6.X.2001, 2. ex.

## Family Pterophoridae

*Oxyptilus chrysodactyla* ([Denis & Schiffermüller], 1775): Pasărea, 21.VII.1997, 1 ♂. Further records: București (Montandon, 1900), Chitila (Popescu-Gorj, 1964).

*Pterophorus tridactyla* (Linnaeus, 1758)\*: Pasărea, Cernica, 21-24.VII.1996-99, rare.

*Pterophorus pentadactyla* (Linnaeus, 1758): Pasărea, 30.V.-1.VIII.1997-99, common. Further records: București (Popescu-Gorj, 1964); Păd. Andronache, Băneasa (König, 1975).

*Emmelina monodactyla* (Linnaeus, 1758): București, Comana (Popescu-Gorj, 1964; König, 1975).

*Stenoptilia pterodactyla* (Linnaeus, 1761): Comana (Popescu-Gorj, 1964).

## Family Pyralidae

## Subfamily Galleriinae

*Melissoblaptes zelleri* Joannis, 1932: Pasărea, 1-8.VIII.1996-2001, rare. Further records: București (Popescu-Gorj, 1964).

*Lamoria annella* ([Denis & Schiffermüller], 1775)\*: Pasărea, 1.VIII.2001, 1 ♂.

*Galleria mellonella* (Linnaeus, 1758): Pasărea, 6.X.2001, 1 ♂. Further records: București (Popescu-Gorj, 1964).

## Subfamily Pyralinae

*Synaphe moldavica* (Esper, 1794): Păd. Andronache, 6.VI.1937 (König, 1975).

*Pyralis farinalis* (Linnaeus, 1758): Brănești, Comana, Pasărea, 12.VII.-9.VIII.1996-2001, common. Further records: București (Popescu-Gorj, 1964; König, 1975).

*Pyralis regalis* ([Denis & Schiffermüller], 1775)\*: Brănești, Pasărea, 7-9.VIII.1996-99, very rare.

*Aglossa signicostalis* Staudinger, 1871: Comana (Popescu-Gorj, 1964).

*Aglossa caprealis* (Hübner, 1809): București, Comana (Popescu-Gorj, 1964; König, 1975).

*Aglossa pinguinalis* (Linnaeus, 1758): Pasărea, 15.IX.2001, rare. Further records: București, Pasărea (Popescu-Gorj, 1964; König, 1975).

*Hypsopygia costalis* (Fabricius, 1775): Pasărea, 21.VII.-9.VIII.1996-99, common. Further records: București (Popescu-Gorj, 1964).

*Herculia rubidalis* ([Denis & Schiffermüller], 1775): Pasărea, 21.VII.1997., rare. Further records: Păd. Andronache, 13.VI.1934 (König, 1975).

*Herculia incarnatalis* (Zeller, 1847)\*: Pasărea, 21.VII.1997, 1 ♂.

*Orthopygia glaucinalis* (Linnaeus, 1758): Pasărea, 21.VIII.-11.VIII.1997-99, rare. Further records: București (Popescu-Gorj, 1964); Păd. Andronache (König, 1975).

*Endotricha flammealis* ([Denis & Schiffermüller], 1775): Brănești, Pasărea, 21.VII.-9.VIII.1997-99, very common. Further records: București, Păd. Andronache, 1940-1958 (König, 1975).

## Subfamily Phycitinae

- Trachonitis cristella* ([Denis & Schiffermüller], 1775): Pasărea, 6.VI.1960 (König, 1975).
- Elegia similella* (Zinken, 1818): Băneasa, 8.VIII.1962 (König, 1975).
- Etiella zinkenella* (Treitschke, 1832): Brănești, Pasărea, 21.VII.-9.VIII.1996-99, very common. Further records: Păd. Andronache (König, 1975).
- Oncocera semirubella* (Scopoli, 1763): Brănești, Comana, Pasărea, 12.VII.-9.VIII.1996-2010, common. Further records: București, Chitila, Filaret, Băneasa, 23.VI.1948, 23.VII.1939 (König, 1975).
- Oxybia transversella* (Duponchel, 1836)\*: Brănești, Comana, Pasărea, 12.VII.-9.VIII.1996-99, very common.
- Pempelia formosa* (Haworth, 1811): Pasărea, 21.VII.1997, 1 ♂. Further records: Ștefănești, 7.VI.1961 (König, 1975).
- Psorosa dahliella* (Treitschke, 1832): București, 15.VI.1947 (König, 1975).
- Diorycrtia abietella* ([Denis & Schiffermüller], 1775)\*: Brănești, Pasărea, 30.V.-8.VIII.1996-2001, very common.
- Phycita metzneri* (Zeller, 1846): Pasărea (Popescu-Gorj, 1964).
- Hypochalcia dignella* (Hübner, 1799): Giurgiu (Popescu-Gorj, 1960).
- Epischnia prodromella* (Hübner, 1799): Giurgiu, 6.IX.1946 (König, 1975).
- Nyctegretis achatinella* (Hübner, 1824)\*: Pasărea, 30.V.1998, rare.
- Nephoterix angustella* (Hübner, 1769): Băneasa, 14.VI.1946, 2.IX.1949 (König, 1975).
- Trachycera advenella* (Zinken, 1818): Băneasa, 7.VIII.1960 (König, 1975).
- Episcythrastis tetricella* ([Denis & Schiffermüller], 1775): Pasărea, 21.VII.-9.VIII.1997-99 common. Further records: Păd. Andronache, 21.VI.1947 (König, 1975).
- Myelois circumvoluta* (Fourcroy, 1785): Pasărea, 27.VII.-8.VIII.1997-2008, common. Further records: Pasărea, 12.VI.1948 (König, 1975).
- Gymnancyla canella* ([Denis & Schiffermüller], 1775): București (Popescu-Gorj, 1964).
- Euzophera pinguis* (Haworth, 1811)\*: Pasărea, 25.VII.1997, 1 ♂.
- Euzophera bigella* (Zeller, 1848): București (Popescu-Gorj, 1964).
- Homoeosoma sinuella* (Fabricius, 1794)\*: Brănești, Pasărea, 1-8.VIII.1996-2009, rare.
- Homoeosoma nebulella* ([Denis & Schiffermüller], 1775): Brănești, Pasărea, 31.VII.-9.VIII.1996-99, rare. Further records: București (Popescu-Gorj, 1964).
- Plodia interpunctella* (Hübner, 1813): Pasărea, 25.VII.1997, 1 ♂. Further records: București (Popescu-Gorj, 1964; König, 1975).
- Ephestia elutella* (Hübner, 1796): București (Popescu-Gorj, 1964; König, 1975).
- Anerastria lotella* (Hübner, 1813)\*: Pasărea, 21.VII.1997, 1 ♂.
- Ematheudes punctella* (Treitschke, 1833): Pasărea, 1-8.VIII.1996-99, rare. Further records: București (Popescu-Gorj, 1964).

## Subfamily Scopariinae

*Scoparia manifestella* (Herrich-Schäffer, 1848): Pasărea, 30.V.1998., rare. Further records: București (Popescu-Gorj, 1964).

*Scoparia mercurella* (Linnaeus, 1758): București (Popescu-Gorj, 1964).

## Subfamily Crambinae

*Euchromius ocella* (Haworth, 1811)\*: Pasărea, 1-8.VIII.1997-2002, rare.

*Euchromius bella* (Hübner, 1796): Brănești, Pasărea, Cernica, 21.VII.-9.VIII.1996-99, very common. Further records: Băneasa (König, 1975).

*Chilo phragmitella* (Hübner, 1824)\*: Pasărea, 25.VII.1997, 1 ♂.

*Friedlanderia cicatricella* (Hübner, 1824): Comana, 20.VII.1963 (König, 1975).

*Agriphila tristella* ([Denis & Schiffermüller], 1775): Pasărea, 1-8.VIII.1997-2002, rare. Further records: Comana (Popescu-Gorj, 1964).

*Agriphila inquinatella* ([Denis & Schiffermüller], 1775): Comana (Popescu-Gorj, 1964); Pasărea, 13.VII.1960 (König, 1975).

*Catoptria pinella* (Linnaeus, 1758)\*: Pasărea, 21.VII.-8.VIII.1997-98, rare.

*Calamotropha paludella* (Hübner, 1824): București (Montandon, 1900); Pasărea, 1.VIII.1997, rare.

*Crambus ericellus* (Hübner, 1813)\*: Pasărea, 1-2.VIII.1997, rare.

*Chrysocrambus linetellus* (Fabricius, 1781)\*: Pasărea, 21.VII.-8.VIII.1997-98, common.

*Chrysocrambus craterella* (Scopoli, 1763): Comana, Pasărea, 12.VII.-8.VIII.1997-99, common. Further records: Băneasa, 9.VI.1946 (König, 1975).

*Pediasia contaminella* (Hübner, 1796)\*: Pasărea, 1-8.VIII.1997-99, rare.

## Subfamily Schoenobiinae

*Schoenobius gigantella* Duponchel, 1836: Snagov, 24.VII.1957 (König, 1975).

*Scirpophaga praelata* (Scopoli, 1763): Pasărea, 25.VII.-8.VIII.1996-2009, rare. Further records: București, 8.VII.1974 (König, 1975).

## Subfamily Acentropinae

*Elophila nymphæta* (Linnaeus, 1758): București (Montandon, 1900); București, Chitila (König, 1975).

*Acentria ephemerella* ([Denis & Schiffermüller], 1775): Giurgiu, 1.VII.1946 (König, 1975).

*Cataclysta lemnata* (Linnaeus, 1758): Pasărea, 25.VII.-8.VIII.1996-99, common. Further records: București, Păd. Andronache, 1935-1950 (König, 1975).

*Parapoynx stratiotata* (Linnaeus, 1758): Pasărea, 25.VII.-8.VIII.1997-99, common. Further records: București (Popescu-Gorj, 1964; König, 1975).

*Parapoynx nivalis* ([Denis & Schiffermüller], 1775): București (Popescu-Gorj, 1964).

## Subfamily Odontinae

*Aporodes floralis* (Hübner, 1809): Pasărea, 1.VIII.1997, 1 ♂. Further records: Pasărea, 22.VII.1958 (König, 1975).

*Cynaeda dentalis* ([Denis & Schiffermüller], 1775)\*: Pasărea, 7.VIII.1997, 1 ♂.

*Epacestria pustulalis* (Hübner, 1823)\*: Pasărea, 25.VII.-11.VIII.1997-98, rare.

*Titanio normalis* (Hübner, 1796): Păd. Andronache, 9-21.VIII.1945 (König, 1975).

## Subfamily Evergestinae

*Evergestis frumentalis* (Linnaeus, 1758)\*: Pasărea, 1-8.VIII.1996-99, rare.

*Evergestis forficalis* (Linnaeus, 1758)\*: Pasărea, 1-8.VIII.1997-99, very rare.

*Evergestis extimalis* (Scopoli, 1763): Pasărea, Cernica, 24-31.VII.1996-2009, rare. Further records: Băneasa, 7.VIII.1960 (König, 1975).

*Evergestis limbata* (Linnaeus, 1758)\*: Pasărea, 30.V.1998, very rare.

## Subfamily Pyraustinae

*Udea ferrugalis* (Hübner, 1796): Brănești, 9.VIII.1997, 1 ♂. Further records: București (Montandon, 1900); Păd. Andronache, 28.VIII.1960 (König, 1975).

*Margaritia sticticalis* (Linnaeus, 1758): București (Montandon, 1900); Pasărea, 21.VII.-15.IX.1997-2009, common.

*Ecpyrrhorrhoe rubiginalis* (Hübner, 1796): Pasărea, 21.VII.-1.VIII.1997-2008, rare. Further records: Păd. Andronache, 27.VII.1956 (König, 1975).

*Pyrausta sanguinalis* (Linnaeus, 1761)\*: Pasărea, 7.VIII.1997, 1 ♂.

*Pyrausta purpuralis* (Linnaeus, 1758): Pasărea, 26.VII.1953 (König, 1975).

*Sitochroa palealis* ([Denis & Schiffermüller], 1775): Pasărea, 1.VIII.2001, 2 ♂♂. Further records: Comana (Popescu-Gorj, 1964); Păd. Andronache (König, 1975).

*Phlyctaenia coronata* (Hufnagel, 1767): Pasărea, Putnicu, 21-31.V.1997-2009, common. Further records: București (Popescu-Gorj, 1964; König, 1975).

*Matuuraia terrealis* (Treitschke, 1829): Pasărea, 25.VII.-9.VIII.1997-99, rare. Further records: București (Popescu-Gorj, 1964).

*Sclerocoma acutella* (Eversmann, 1842): Pasărea, 25.VII.-1.VIII.1997-99, rare. Further records: București, Snagov (Popescu-Gorj, 1960).

*Anania verbascalis* ([Denis & Schiffermüller], 1775)\*: Pasărea, 30.V.-9.VIII.1997-2001, rare.

*Ostrinia nubilalis* (Hübner, 1796): Pasărea, 1-8.VIII.1996-2010, rare. Further records: București (Montandon, 1900; Popescu-Gorj, 1964); Pasărea, 13.VIII.1961 (König, 1975).

*Pleuroptya ruralis* (Scopoli, 1763): Brănești, Pasărea, 21.VII.-9.VIII.1996-2009, common. Further records: București (Popescu-Gorj, 1964).

*Agrotera nemoralis* (Scopoli, 1763): Pasărea, 21.VII.-9.VIII.1997-2008, common. Further records: București (Popescu-Gorj, 1964); Băneasa, 10.V.1937 (König, 1975).

*Nomophila noctuella* ([Denis & Schiffermüller], 1775): Pasărea, Pustnicu, 30.V.-2.X.1996-2009, common. Further records: București, Comana (Montandon, 1900; Popescu-Gorj, 1964; König, 1975).

## DISCUSSIONS

Even if tentative, the results are not encouraging, especially if we consider that from the high biodiversity (over 600 species) recorded 100 years ago only a bit more than half were found again in recent times. This does not mean that half of the Lepidoptera fauna of Bucharest has disappeared because the recent research work includes over 180 species that were not reported in the past. We refer first of all to species characteristic to sub-mountainous areas. Such species, even if they existed once, today they cannot find their favorable habitats in Bucharest and its surroundings, such as *Lycaena helle* ([Denis & Schiffermüller], 1775), *Apatura iris* (Linnaeus, 1758), *Limenitis populi* (Linnaeus, 1758), *Erebia ligea* (Linnaeus, 1758), *Euthrix potatoria* (Linnaeus, 1758). Similarly, the species characteristic to sub-mountainous areas reported from the forests of northern Dobrogea around the year 1865 (Mann, 1866) have become extinct in that region. The disappearance of these species is most likely due to climate changes (climate aridisation, which led to the disappearance of such species). On the other hand, these alterations were determined directly by man's intervention through the massive forest clear cuts both in Dobrogea and in Wallachia.

Nowadays, it is relevant the immense poverty of the region in butterflies if compared to the data found in literature. Many old records can be considered as doubtful ones nowadays, e.g.: *Lycaena hippothoe* (Linnaeus, 1758), *Polygonia egea* (Cramer, 1775), *Melitaea arduinna* (Esper, 1784), from the butterflies or *Hemaris croatica* (Esper, 1779), *Menophra abruptaria* (Thunberg, 1792) or *Stauropora celsia* (Linnaeus, 1758) from the nocturnal. Species considered probably extinct, but still to be recorded could be many more, e.g.: *Zerynthia polyxena* ([Denis & Schiffermüller], 1775), *Kirinia roxelana* (Cramer, 1777) or *Perisomena caecigena* (Kupido, 1825). Thus, a lot of species which were considered "probably extinct" in those areas were recorded again in the period 1996-2010, such as: *Catocala dilecta* (Hübner, 1808), *Plusidia cheiranthi* (Tauscher, 1809) or *Dolbina elegans* Bang-Haas, 1912.

As for the general features of the Lepidoptera-fauna of this region we refer to its main present day features which are the following:

- The Lepidoptera-fauna from this area still preserves some sub-mountainous elements, which lack in the sylvosteppe forests of Dobrogea. Therefore, this region still represents a transition point from the sub-mountainous to that of the steppe and sylvosteppe, e.g.: *Aglia tau* (Linnaeus, 1758), *Moma alpium* (Osbeck, 1778), *Trisateles emortualis* ([Denis & Schiffermüller], 1775), *Xestia rhomboidea* (Esper, 1790), etc.
- It still comprises many elements of Anatolian-Balkan origin, as a conclusion these forests had uninterrupted connection to the forests from the southern Balkan, for example *Dolbina elegans*, *Perisomena caecigena* and *Noctua haywardi*.

However, the Lepidoptera-fauna underwent through numerous alterations and transformations due to human intervention, the most important being the following ones:

The significant share of the adventive species (imported by means of human activity) and of pest presence. They are dominant in the large majority of the research sites from the surroundings of the capital.

The quite significant share of the steppe-species, since the forest has been restraining continuously in this region and many elements specific to steppe areas are adapting more easily to the farm-ecosystems than the species characteristic to forests.

The anthropic pressure upon the fauna of this region determined some particular features compared to other regions of the country, such as:

The small number of the individuals within the populations of many species, even in the case of species with vigorous populations elsewhere in the country. The reasons are similar to the ones presented before. In some other instances the alteration of environmental factors can determine population gradations of some species (species that are under normal conditions very scarce in other regions of the country) as it was observed with: *Marumba quercus* ([Denis & Schiffermüller], 1775), *Catocala promissa* ([Denis & Schiffermüller], 1775), *Catocala nymphagoga* (Esper, 1788), *Plagodis pulveraria* (Linnaeus, 1758) with more than 100 individuals per night. In the case of butterflies phenomena of this kind could be recorded in 1997-1998 for *Neozephyrus quercus* (Linnaeus, 1758) with more than 50 individuals per day, this butterfly disappearing completely in the years to come. Even with very rare species we sometimes noticed unexpected population effectives: e.g. *Dolbina elegans*, with more than 25 individuals per evening on 26-27 July 2001.

Even if the last aspects may represent natural phenomena, the ones presented overleaf are an alarm signal. Therefore we may conclude that the Lepidoptera fauna of this region has altered considerably in the last 100 years, the populations of many species diminished, many species disappeared and transformations occurred in the biology of the species. The region comprises an important number of species protected by European and Romanian laws (Tab. 1). Given the negative changes in habitats presented above, urgent measures are to be taken in order to save the flora and fauna of the region, measures that unfortunately do not seem to be implemented!

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Table 1

Taxa protected by law at European or national level.

Taxon	Habitats Directive 92/43/EEC	Romania (national level) (Rákósy, 2003, 2005)	Features
<i>Parnassius mnemosyne</i>	x		local, very common
<i>Euphydryas maturna</i>	x		local, very common
<i>Lycaena dispar rutila</i>	x		local, rare
<i>Lopinga achine</i>	x		local, common
<i>Euplagia quadripunctaria</i>	x	x	local, rare
<i>Cupido alcetas</i>		x	very local, rare
<i>Neptis sappho</i>		x	very local, common
<i>Apatura metis</i>	x		local, rare
<i>Dolbina elegans</i>		x	local, common
<i>Plusidia cheiranthi</i>		x	very local, rare
<i>Zerynthia polyxena</i> *	x		Extinct
<i>Lycaena helle</i> *	x		Extinct
<i>Maculinea arion</i> *	x		Possible extinct
<i>Nymphalis vaualbum</i> *	x		Extinct
<i>Kirinia roxelana</i> *		x	Possible extinct
<i>Lycaena hippothoe</i> *		x	Extinct
<i>Schistostege decussata</i> *		x	Possible extinct

## LEPIDOPTERELE DIN BUCUREȘTI ȘI ÎMPREJURIMI (ROMÂNIA)

## REZUMAT

Lucrarea reprezintă o sinteză a cunoștințelor actuale privind fauna de lepidoptere din București și zonele limitrofe pe o rază de 50 km din jurul capitalei României. Sunt prezentate toate datele despre componența faunei de lepidoptere publicate începând cu sfârșitul secolului al XIX-lea, precum și rezultatele noi din ultimii 15 ani. Cercetările întreprinse de autor după 1996 au ca rezultat semnalarea pentru prima dată a prezenței în această regiune a 180 de specii. Chiar dacă cadrul natural din această regiune s-a schimbat radical în secolul XX, ea mai conservă o faună destul de bogată și interesantă. Pădurile adăpostesc bogate populații ale sfingidului *Dolbina elegans* A. Bang-Haas, 1912, una dintre cele mai rare specii de sfingid din Europa, precum și alte specii de mare valoare faunistică și zoogeografică ca *Noctua haywardi* (Tams, 1926) (semnalată pentru prima dată în fauna României din această zonă), *Catocala dilecta* (Hübner, 1808), *Tarachidia candefacta* (Hübner, [1831]), *Chrysodeixis chalcites* (Esper, [1789]), *Aedia leucomelas* (Linnaeus, 1758) și *Hecatera cappa* (Hübner, [1809]). De asemenea, este prezentată pentru prima dată și situația actuală a speciilor ocrotite de legislația europeană și națională din zona capitalei României.

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