

Lepidoptera (Insecta:Lepidoptera) from Romania preserved in the “Ion FIRU” Entomological Collection from the patrimony of the Oltenia Museum Craiova

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Abstract

The „Ion FIRU” entomological collection comprises 6.781 specimens. It was purchased by the museum in the years: 1982 (6.000 specimens) and 1990 (781 specimens). It conserves species belonging to 16 orders of insects. Order Lepidoptera is represented by 1.357 specimens, which completes the number of the species of Lepidoptera in the entomological patrimony of the museum of Oltenia, Craiova, formed as a result of the researching activity of specialists, acquisitions („Mihai PEIU” collection - CHIMIȘLIU, 1989) and donations („I. STĂNOIU” collection - CHIMIȘLIU & GOGA, 2005). The analysed material in the present paper (1.172 individuals) was collected in the period of the years (1951-1982) from 43 sites of collecting in 12 counties of the country și 2 sites situated abroad: Cote D’Azur (France) and Prague (Czech Republic). 243 species were identified belonging to 182 genera included in 57 subfamilies, 15 families and 7 superfamilies. Family Noctuidae is the best represented (60 genera, 91 species), followed by the families: Geometridae (37 genera, 41 species), Nymphalidae (18 genera, 25 species), Arctiidae (11 genera, 15 species), Sphingidae (9 genera, 11 species). The collection keeps both common species and species with different endangered degrees from the following recommended categories by IUCN: CR, EN, VU, NT (RÁKOSY, 2003), as well as species included in the Red List of the Lepidoptera in Europe and in the Law no 345/2006 (Anexes: 3, and 4^A).

Rezumat

Lepidoptere (Insecta: Lepidoptera) din România conservate în Colecția entomologică „Ion Firu” din patrimoniul Muzeului Olteniei Craiova

Colecția entomologică „Ion FIRU” însumează 6.781 exemplare. A fost achiziționată de către muzeu în anii 1982 (6000 exemplare) și 1990 (781 exemplare). Conservă specii din 16 ordine de insecte. Ordinul Lepidoptera este reprezentat prin 1.357 exemplare, care completează speciile de lepidoptere din patrimoniul entomologic al Muzeului Olteniei Craiova, constituit în urma activității de cercetare a specialiștilor, achiziții (colecția „M. PEIU” - CHIMIȘLIU, 1989) și donații (colecția „I. STĂNOIU” - CHIMIȘLIU & GOGA, 2005). Materialul analizat (1.172 exemplare) în prezenta lucrare a fost colectat în perioada anilor (1951-1982) în 43 situri de colectare din 12 județe ale țării și 2 situate în afara granițelor țării: Cote D’Azur (Franța) și Praga (Republica Cehă). Au fost identificate 243 specii, aparținând la 182 genuri, incluse în 57 subfamilii, 15 familii și 7 suprafamilii. Familia Noctuidae este cel mai bine reprezentată (60 genuri, 91 specii), urmată de familiile: Geometridae (37 genuri, 41 specii), Nymphalidae (18 genuri, 25 specii), Arctiidae (11 genuri, 15 specii), Sphingidae (9 genuri, 11 specii). Colecția conservă atât specii comune, cât și specii cu diferite grade de periclitate din următoarele categorii recomandate de IUCN: CR, EN, VU, NT (RÁKOSY, 2003), precum și specii cuprinse în Lista roșie a lepidopterelor din Europa și în Legea 345/2006 (Anexele: 3, și 4^A).

Key words: Lepidoptera, Oltenia, „I. FIRU” Collection, The Museum of Oltenia, Craiova

Introduction

The „Ion FIRU” entomological Collection comprises 6.781 specimens. It was purchased by the Museum in two stages: 1982 (6.000 specimens) and 1990 (781 specimens). The collection preserves species from 16 orders of insects. The Order Coleoptera represents (29%), followed by the order Lepidoptera (18.35 %).

The diversity of genera and species as well as the data offered on their presence and distribution, especially on the territory of Oltenia, the Lepidoptera of the „Ion FIRU” Collection complete the sci-

entific data in the scientific collection constituted at the Museum of Oltenia along of the years.

Material and methods

The scientific material of the paper is formed of 1.173 specimens of macrolepidoptera preserved in the ”Ion Firu” Collection of the total of 1.357 specimens. The rest are microlepidoptera and they formed the subject of another paper (CHIMIȘLIU, 1996).

The species were partially identified by doctor Ion Firu and doctor Aurelian Popescu-Gorj, a well

known specialist in Romania, who also revised the scientific identifications of the whole material. In view of drafting the paper, the author has brought up to date the nomenclature and the taxonomy of the species according to the taxonomic system used in the Fauna Europaea.

For the identification of the species belonging to different categories and degrees of endangered species recommended by IUCN, the paper of RAKOSY and all. (2003) was consulted, and for the protected species of community and national interest, the Law 345/2006 was utilized.

For a quick examination on the collection composition and the distribution of specimens as part of the species, a synthetic table was made in concordance with the system used in the Fauna Europaea (<http://www.faunaeur.org>). The sites of collect-

ing were presented in the alphabetical order of the names.

Within the frame work of the species, the material was presented in the alphabetical order of the sites of collecting and in chronological order of the years and months of collecting. The presentation of the material was made in concordance with the system used in the Fauna Europaea (<http://www.faunaeur.org>)

Results and discussions

The macrolepidoptera were collected for 31 years (1951-1982) from 45 sites of collecting in 12 counties of Romania Romania (Argeş, Bistriţa-Năsăud Braşov, Caraş-Severin, Dolj, Gorj, Iaşi, Mehedinţi, Neamţ, Olt, Suceava, Vâlcea). Two sites were situated out of Romania (Cote D'Azur and Praga).

The list of collecting sites:

Baia de Aramă - MH	Craiova - DJ	Lacul Crucea - NT	Răcari - DJ
Baia de Fier - GJ	Craiova-Obedeanu - DJ	Leamna - DJ	Rânca - GJ
Balş - OT	Desa - DJ	Măceşu de Sus - DJ	Sânpetru - BV
Baraj- Argeş - AG	Drănic - DJ	Melineşti - DJ	Sângeorz - BN
Băil-Herculane - CS	Dobromira - DJ	Muntele Rarău	Secui - DJ
Bârnova - IS	Dubova - MH	Novaci - GJ	Segarcea - DJ
Brabova - DJ	Făgăraş BV	Olăneşti - VL	Tismana - GJ
Bucovăţ - DJ	Fundu Moldovei - SV	Orşova - MH	Țânțăreni - GJ
Bugiuleşti - VL	Geormane - DJ	Perişor - DJ	Turcineşti - GJ
Căpreni - GJ	Ghindeni - DJ	Pleniţa - DJ	
Cernele - DJ	Irimeşti - GJ	Praga - Rep. Cehă	
Cote D'Azur - Franţa	Işalniţa - DJ	Prunet - DJ	

In the collected material from Romania, the sites of the counties of Romania predominate, and among these the Dolj County is situated on the first place with 19 collecting sites, followed by the Gorj County with 8 sites, Mehedinţi – 3 and the Vâlcea County with - 2 and the Olt County with one collecting site. Referring to those five counties of Romania of which the analysed material comes, these are: Braşov (2 sites) and Argeş, Bistriţa-Năsăud, Caraş Severin, Iaşi, Neamţ, Suceava (with one site each). 2 species from the families Nymphalidae (*Hypparchia statilinus* Hufnagel) and Lasiocampidae (*Dendrolimus pini* (Linnaeus 1758) were collected in France (Cote D'Azur), and one individual of the species *Autographa gama* (Linnaeus 1758)- family Noctuidae, was collected at Prague in 1965.

In the analysed material, 243 species were identified, belonging to 182 genera, included in 57 subfamilies, 15 families and 7 superfamilies. The family Noctuidae is the best represented (59 genera, 90 species), followed by the families: Geometridae (37 genera, 41 species), Nymphalidae (18 genera, 25 species),

Arctiidae (11 genera, 15 species), Sphingidae (9 genera, 11 species). The most weakly represented are the families: Drepanidae (4 genera, 4 species), Nolidae (3 genera, 3 species) and Saturniidae (one species, one genus). The distribution of the number of genera, species and individuals (specimens) within the frame work of the subfamilies, families and superfamilies is given in table no 1.

The Family Noctuidae is the best represented (32.42% genera, 37.04% species), followed by the families: Geometridae (20.33% genera, 16,87% species), Nymphalidae (9.90% genera, 10.29% species), Arctiidae (6.04% genera, 6.17% species). Families, Drepanidae, Nolidae and Saturniidae are weakly represented (4.39% genera, 3.29% species).

The collection preserves both common and endangered species in different degrees, recommended by IUCN in 2000 and 2001 (RÁKOSY, 2003):

CR - *Parnassius apollo jaraensis* (KERTÉSZ, 1922);

EN - *Nymphalis polychloros* (LINNAEUS 1758), *Papilio machaon* LINNAEUS 1758;

VU = *Saturnia (Saturnia) pyri* (DENIS & SCHIFFERMÜLLER 1775), *Hyles livornica* (ESPER 1780), *Acherontia atropos* (LINNAEUS 1758), *Carcharodus floccifera* (ZELLER 1847), *Gastropacha (Stenophylloides) populifolia* (DENIS & SCHIFFERMÜLLER 1775), *Apatura ilia* (DENIS & SCHIFFERMÜLLER 1775), *Argynnis (Pandoriana) pandora* (DENIS & SCHIFFERMÜLLER 1775), *Hipparchia (Neohipparchia) statilinus* (HUFNAGEL 1766), *Iphiclides podalirius* (LINNAEUS 1758), *Pieris brassicae brassicae* (LINNAEUS 1758);

NT - *Aglais urticae* (LINNAEUS 1758), *Aporia crataegi* (LINNAEUS 1758), *Araschnia levana* (LINNAEUS 1758), *Argynnis (Argynnis) paphia* (LINNAEUS 1758), *Boloria (Clossiana) selene* (DENIS & SCHIFFERMÜLLER 1775), *Cabera exanthemata* (SCOPOLI 1763), *Coenonympha glycerion* (BORKHAUSEN 1788), *Deilephila elpenor elpenor* (LINNAEUS 1758), *Erebia medusa* (DENIS & SCHIFFERMÜLLER 1775), *Gastropacha (Gastropacha) quercifolia* (LINNAEUS 1758), *Hyles euphorbiae* (LINNAEUS 1758), *Hyles livornica* (ESPER 1780), *Lycaena virgaureae* (LINNAEUS 1758), *Macrothylacia rubi* (LINNAEUS 1758), *Maculinea arion* (LINNAEUS 1758), *Malacosoma (Climacopampa) neustria* (LINNAEUS 1758), *Marumba quercus* (DENIS & SCHIFFERMÜLLER 1775), *Melitaea athalia athalia* (ROTTEMBURG 1775), *Melitaea phoebe* (DENIS & SCHIFFERMÜLLER 1775), *Phyllodesma (Phyllodesma) tremulifolium* (HÜBNER 1810), *Polygonia c-album* (LINNAEUS 1758), *Scolitantides orion* (PALLAS 1771).

There are also presented species mentioned in the Law 345/2006 - Annex 3 (species whose preservation requires the designation of the special areas of preservation and of the avifaunistic special protection areas): *Euplagia (Callimorpha) quadripunctaria* (PODA 1761), *Lycaena dispar* (HAWORTH 1802), in the Anexa 4^A (species of Community Interest which requires a strict protection): *Lycaena dispar* (HAWORTH 1802), *Maculinea arion* (LINNAEUS 1758), *Parnassius apollo* (LINNAEUS 1758).

Abbreviations:
EX = Extinct; CR = Critical endangered, EN = Endangered, VU = Vulnerable, NT = Near threatened.
A3 – Anex 3 of the Law 345/2006; A4^A - Anex 4^A of the Law 345/2006; AG – Argeş, BN - Bistriţa-Năsăud, BV - Braşov, CS - Caraş Severin, DJ - Dolj, GJ - Gorj, IS - Iaşi, MH - Mehedinţi, OT - Olt, VL - Vâlcea); No of inventory =no of inv.

Table 1.

The taxonomic Spectrum of the species of Lepidoptera in the „Ion Firu” Collection.
Spectrul taxonomic al speciilor de lepidoptere din Colectia „I.Firu”.

	Superfamily	Family	Subfamily	No. genera	No. species	No. ind.
1.	BOMBYCOIDEA	SATURNIIDAE	Saturniinae	1	1	6
			Macroglossinae	3	5	28
		SPHINGIDAE	Sphinginae	2	2	13
			Smerinthinae	4	4	17
2.	DREPANOIDEA	DREPANIDAE	Drepaninae	2	2	2
			Thyatirinae	2	2	2
3.	GEOMETROIDEA	GEOMETRIDAE	Ennominae	18	18	54
			Geometrinae	3	3	5
			Larentiinae	13	15	30
			Sterrhinae	3	5	14
4.	HESPERIOIDEA	HESPERIIDAE	Hesperiinae	1	1	4
			Pyrginae	3	3	5
5.	LASIOCAMPOIDEA	LASIOCAMPIDAE	Lasiocampinae	2	2	7
			Malacosominae	1	1	41
			Pinarinae	2	3	5
			Poecilocampinae	1	1	7
6.	NOCTUOIDEA	ARCTIIDAE	Arctiinae	6	9	47
			Lithosiinae	3	4	12
			Syntominiinae	2	2	27
		LYMANTRIIDAE	Arctorninae	1	1	16
			Calliterinae	1	2	3
			Lymantriinae	1	2	34
			Nygmininae	1	1	1
Orgyinae	2	2	2			

6.	NOCTUOIDEA	NOCTUIDAE	Acontiinae	1	1	5
			Acronictinae	3	5	20
			Aedeiinae	1	1	8
			Amphipyridae	1	1	9
			Bryophilinae	1	3	12
			Calpinae	1	1	5
			Catocalinae	6	12	36
			Cuculliinae	2	3	7
			Eustrotiinae	1	1	12
			Hadeninae	24	38	144
			Heliiothinae	5	6	32
			Noctuinae	7	12	86
			Plusiinae	4	4	41
			Rivulinae	1	1	2
		Tytinae	1	1	3	
NOLIDAE	Eariadinae	1	1	2		
	Chloephorinae	2	2	4		
NOTODONTIDAE	Notodontinae	1	1	1		
	Phalerinae	2	2	2		
	Ptilodoninae	1	1	2		
	Pygaerinae	2	2	2		
	Stauropinae	2	2	3		
7.	PAPILIONOIDEA	LYCAENIDAE	Lycaeninae	5	12	46
		NYMPHALIDAE	Apaturinae	1	1	3
			Heliconiinae	3	5	40
			Melitaeinae	1	4	6
			Nymphalinae	6	7	54
			Satyrinae	7	8	86
		PAPILIONIDAE	Papilioninae	2	2	15
			Parnassiinae	1	1	1
		PIERIDAE	Coliadinae	3	4	32
			Dismorphiinae	1	1	16
Pierinae	4		6	53		
Total	7	15	57	182	243	1172

BOMBYCOIDEA

SATURNIIDAE

Saturniinae

Saturnia (Saturnia) pyri (DENIS & SCHIFFER-MÜLLER 1775) - 6 specimens: Băile Herculane - 20.06.1965; 2 specimens Brabova - 10.05.1976, Craiova - 08.05.1963, 20.05.1965, 10.05.1967; no of inv.: 15.887 – 15.891, 25.488. VU

SPHINGIDAE

Macroglossinae

Deilephila elpenor elpenor (LINNAEUS 1758) - 2 specimens: Craiova - 15.06.1964, Turcinești - 15.06.1968; no. of inv.: 15 757, 20.452. NT

D. porcellus (LINNAEUS 1758) - 3 specimens: Băile Herculane - 2 specimens 20.06.1965, Craiova - 20.07.1970; no of inv.: 15 758, 20.458-20.459.

Hyles euphorbiae (LINNAEUS 1758) - 13 specimens: Băile Herculane - 20.06.1965, Craiova

- 3 specimens 10.07.1964, 08.08.1964 2 specimens 10.08.1964, 10.07.1964, 2 specimens 10.07.1965, 15.07.1967, 15.07.1970, 15.08.1970; no of inv.: 15 760 – 15.771, 20.453. NT

H. livornica (ESPER 1780): 1 specimen, Craiova - 20.08.1970; no of inv.: 15.759. VU

Macroglossum stellatarum (LINNAEUS 1758) - 9 specimens: Băile Herculane - 20.06.1965, Craiova - 10.05.1964, 15.08.1966, 20.05.1968, 01.06.1968, 01.11.1975, 15.08.1982, Rânca - 30.08.1963, Sânpetru - 25.08.1970; no of inv.: 15.780 – 15.797, 20.455.

Sphinginae

Acherontia atropos (LINNAEUS 1758) - 2 specimens: Craiova - 25.10.1966, Orșova, 20.09.1972; no of inv.: 15.745, 20.454. VU

Agrius convolvuli (LINNAEUS 1758) - 11 specimens: Craiova - 05.08.1952, 01.08.1964, 06.08.1964, 20.08.1964, 20.09.1966, 20.10.1966,

03.09.1967, 02.07.1968, 15.08.1970, 20.08.1974, 15.09.1982; no of inv.: 15.746–15.755, 20.450.

Smerinthinae

Laothoe populi populi (LINNAEUS 1758) - 8 specimens: Cernele - 04.08.1974, Craiova - 01.08.1964, 10.08.1970, 15.07.1968, 15.08.1974, 25.06.1977, 2 specimens: 01.08.1977; no of inv.: 15 788 – 15 793, 20.456-20.457.

Marumba quercus (DENIS & SCHIFFERMÜLLER 1775) - 5 specimens: Băile Herculane - 2 specimens: 20.06.1965, Craiova - 01.07.1964, 29.06.1964, 05.07.1966; no of inv.: 15.772–15.776. NT

Mimas tiliae tiliae (LINNAEUS 1758) - 2 specimens: Băile Herculane - 20.06.1965; no of inv.: 15.756, 20.451.

Smerinthus ocellatus ocellatus (LINNAEUS 1758) - 2 specimens: Craiova - 20.06.1966; no of inv.: 15.778– 15.779.

DREPANOIDEA

DREPANIDAE

Drepaninae

Cilix glaucata (SCOPOLI 1763) - 1 individual: Craiova, 25.07.1970; no of inv. 25.573.

Drepana falcataria (LINNAEUS 1758) - 1 individual: Ișalnița: 11.06.1967; no of inv. 25.574. NT

Thyatirinae

Habrosyne pyritoides (HUFNAGEL 1766) - 1 individual: Craiova 10.07.1970; no of inv. 25.572.

Thyatira batis (LINNAEUS 1758) - 1 individual: Baia de Fier – 10.08.1964; no of inv. 25.597.

GEOMETROIDEA

GEOMETRIDAE

Ennominae

Alcis repandata (LINNAEUS 1758) - 2 specimens: Sânpetru – 20.08.1978; no of inv.: 16.366, 25.674.

Angerona prunaria (LINNAEUS 1758) - 1 individual: 18.07.1965; no of inv.: 25.686.

Biston betularia (LINNAEUS 1758) - 3 specimens: Băile Herculane – 20.06.1965, Lacul Crucea - 01.08.1969, Făgăraș – 25.06.1968; no of inv.: 16.414, 25.671, 25.673.

Cabera exanthemata (SCOPOLI 1763) - 1 individual: Craiova – 10.09.1970; no of inv.: 16.417. NT

Campaea margaritaria (LINNAEUS 1761) - 1 individual: Baia de Fier – 15.05.1965; no of inv.: 16.416.

Chiasmia clathrata (LINNAEUS 1758) - 1 individual: Craiova – 03.08.1964; no of inv.: 25.663.

Cleorodes lichenaria (HUFNAGEL 1767) - 1 individual: Craiova – 15.09.1966; no of inv.: 25.656.

Ematurga atomaria (LINNAEUS 1758) - 1 individual: Craiova - 27.07.1965; no of inv.: 16.367.

Ennomos quercinaria (HUFNAGEL 1767) - 1 individual: Craiova – 22.06.1964; no of inv.: 25.666.

Erannis defoliaria (CLERCK 1759) - 5 specimens: Craiova – 4 specimens 18.11.1973, 27.11.1982; no of inv.: 16.379-16.382, 25.670.

Isturgia arenacearia (DENIS & SCHIFFERMÜLLER 1775) - 12 specimens: Craiova – 05.06.1964, 2 specimens 10.07.1964, 15.07.1964, 2 specimens 03.08.1964, 05.06.1965, 18.07.1965, 18.08.1965, 3 specimens 10.08.1975; no of inv.: 16.383-16.392, 25.664, 25.684.

Lycia hirtaria hirtaria (CLERCK 1760) - 2 specimens: Craiova – 20.05.1965; 01.04.1966; no of inv.: 25.659, 25.672. NT

Macaria alternata (DENIS & SCHIFFERMÜLLER 1775) - 2 specimens: Baia de Arama - 17.05.1974, Craiova – 05.08.1970; no of inv.: 16.415, 25.665.

Paradarisa consonaria (HÜBNER 1799) - 7 specimens: Craiova: 20.06.1968, 05.06.1964, 10.07.1964, 20.06.1968, 01.07.1970, 20.07.1970, 15.08.1970; no of inv.: 16.353-16.358, 25.657.

Plagodis dolabraria (LINNAEUS 1767) - 1 individual: Bârnova - 26.07.1963; no of inv.: 25.675.

Peribatodes rhomboidaria rhomboidaria (DENIS & SCHIFFERMÜLLER 1775) - 8 specimens: Baia de Aramă – 17.05.1964, Craiova – 4 specimens 10.07.1964, 15.07.1971, Rânca – 20.07.1966, 15.08.1966; no of inv.: 16.359-16.365, 25.658.

Petrophora chlorosata (SCOPOLI 1763) - 4 specimens: Craiova – 27.07.1965, 25.07.1966, 25.07.1970, 10.08.1970; no of inv.: 16.410-16.413.

Pseudopanthera macularia (LINNAEUS 1758) - 1 individual: Fundu Moldovei – 05.06.1966; no of inv.: 5.676.

Geometrinae

Chlorissa viridata (LINNAEUS 1758) - 1 individual: Craiova: 27.07.1965; no of inv.: 25.652.

Hemistola chrysoprasaria (ESPER 1795): 2 specimens: Craiova: 20.06.1966, Turcinești: 10.06.1968; no of inv.: 16.418, 25.650.

Thetidia (Antonechloris) smaragdaria (FABRICIUS 1787) - 2 specimens: Craiova: 14.06.1964, Turcinești: 15.06.1968; no of inv.: 25.651, 25.662.

Larentiinae

Aplocera praeformata (HÜBNER 1826) - 4 specimens: Rânca – 10.06.1968, 15.08.1965, 15.08.1966, Turcinești – 10.06.1968; no of inv.: 16.375-16.378.

Chloroclysta miata (LINNAEUS 1758) - 1 individual: Rânca 03.04.1963; no of inv.: 25.678.

Colostygia olivata (DENIS & SCHIFFERMÜLLER 1775) - 1 individual: Craiova 01.06.1968; nr. inv. 25.513.

Costaconvexa polygrammata (BORKHAUSEN 1794) - 1 individual: Craiova - 26.06.1964; no of inv.: 25.682.

Dysstroma truncata (HUFNAGEL 1767) - 4 specimens: Râncea - 28.08.1963, 03.09.1963, 2 specimens 20.08.1966; no of inv.: 16.370-16.372, 25.679.

Electrophaes corylata (THUNBERG 1792) - 3 specimens: Râncea - 25.08.1963; 2 specimens 27.08.1963; no of inv.: 16.373-16.374, 25.677.

Epirrhoe rivata (HÜBNER 1813) - 1 individual: Craiova - 08.10.1964; no of inv.: 25.655.

E. tristata (LINNAEUS 1758) - 1 individual: Craiova - 05.09.1978; no of inv.: 25.680.

Lithostege farinata (HUFNAGEL 1767) - 1 individual: Bârnova - 16.05.1962; no of inv.: 25.683.

Lythria purpuraria (LINNAEUS 1758) - 5 specimens: Baia de Fier - 15.05.1965, Craiova - 22.06.1964, 15.07.1970, 15.09.1972, 18.07.1965; no of inv.: 16.403-16.406, 25.685.

Pelurga comitata (LINNAEUS 1758) - 1 individual: Prunet - 01.08.1972; no of inv.: 25.653.

Plemyria rubiginata (DENIS & SCHIFFERMÜLLER 1775) - 3 specimens: Craiova - 26.06.1964, 10.07.1965, 15.09.1966; no of inv.: 16.407-16.409.

Scotopteryx bipunctaria (DENIS & SCHIFFERMÜLLER 1775) - 1 individual: Râncea - 28.08.1963; no of inv.: 25.681.

Thera juniperata (LINNAEUS 1758) - 2 specimens: Râncea - 27.08.1963, 30.08.1966; no of inv.: 16.368-16.369.

T. variata (DENIS & SCHIFFERMÜLLER 1775) - 1 individual: Râncea - 03.09.1963; no of inv.: 25.654.

Sterrhinae

Cyclophora (Codonia) punctaria (LINNAEUS 1758) - 6 specimens: 21.05.1964, 10.07.1964, 05.09.1972, Craiova-Obedeanu - 18.08.1974, Sânpetru 25.08.1977, 25.08.1978; no of inv.: 16.393-16.397, 25.667.

Idaea rusticata (DENIS & SCHIFFERMÜLLER 1775): 3 specimens: Craiova - 25.06.1972, Prunet - 2 specimens 15.07.1976; no of inv.: 16.400-16.401, 25.661.

I. straminata (BORKHAUSEN 1794) - 3 specimens: Craiova - 23.06.1964, 20.09.1966, Turcinești - 15.06.1968; no of inv.: 16.398-16.399, 25.660.

Scopula (Ustocidalia) marginepunctata (GOEZE 1781) - 1 individual: Craiova - 18.09.1963; no of inv.: 25.668.

S. (Scopula) rubiginata (HUFNAGEL 1767) - 1 individual: Craiova - 15.09.1966; no of inv.: 25.669.

HESPERIOIDEA

HESPERIDAE

Hesperiinae

Ochlodes sylvanus (ESPER 1777) - 4 specimens: Craiova - 29.06.1964, 18.07.1965, Ișalnița - 12.07.1974, Tismana - 10.07.1976; no of inv.: 15 742-15 744, 25.592.

Pyrginae

Carcharodus floccifera (ZELLER 1847) - 1 individual: Craiova - 27.04.1963; no of inv.: 25.594. VU

Erynnis tages (LINNAEUS 1758) - 3 specimens: Craiova - 20.05.1965, Făgăraș - 25.06.1968, Plenița - 25.07.1973; no of inv.: 15 728 - 15 729, 25.595.

Pyrgus malvae (LINNAEUS 1758) - 1 individual: Craiova - 15.09.1972; no of inv.: 25.593.

LASIOCAMPOIDEA

LASIOCAMPIDAE

Lasiocampinae

Lasiocampa (Lasiocampa) quercus quercus (LINNAEUS 1758) - 1 individual: Craiova - 25.08.1964; no of inv.: 25.482.

Macrothylacia rubi (LINNAEUS 1758) - 6 specimens: Baia de Aramă - 15.05.1964, Craiova - 20.05.1968, Băile Herculane - 2 specimens 20.06.1965, Bugiulești - 26.06.1965, Turcinești - 10.06.1968; no of inv.: 15.881 - 15.884, 25.485-25.486. NT

Malacosominae

Malacosoma (Clisiocampa) neustria (LINNAEUS 1758) - 41 specimens: Craiova - 7 specimens 01.06.1968, 01.08.1970, 13 specimens 10.06.1973, 6 specimens 20.06.1973, 17.06.1974, 10 specimens 25.06.1974, 3 specimens 01.07.1974; no of inv.: 15.842-15.880, 25.479-25.480. NT

Pinarinae

Dendrolimus pini (LINNAEUS 1758) - 1 individual: Cote D'Azur, Franța - 10.08.1971; no of inv.: 25.482.

Gastropacha (Stenophylloides) populifolia (DENIS & SCHIFFERMÜLLER 1775) - 1 individual: Craiova - 04.08.1951; no of inv.: 15.886. VU

G. (Gastropacha) quercifolia (LINNAEUS 1758) - 2 specimens: Făgăraș - 25.06.1978, Sânpetru - 25.08.1978; no of inv.: 15.885, 25.482. NT

Phyllodesma (Phyllodesma) tremulifolium (HÜBNER 1810) - 1 individual: Craiova - 08.1964; no of inv.: 25.487. NT

Poecilocampinae

Poecilocampa populi (LINNAEUS 1758) - 7 specimens: Bârnova - 14.11.1971; Cernele -

15.07.1968, Craiova – 01.08.1964, 15.07.1968, 15.08.1974, 25.06.1977, 01.08.1977; no of inv.: 15.788-15.793, 25.481.

NOCTUOIDEA

ARCTIIDAE

Arctiinae

Arctia caja (LINNAEUS 1758) - 1 individual: Sânpetru - 10.08.1978; no of inv.: 25.467.

A. villica (LINNAEUS 1758) - 7 specimens: Bugiulești - 05.07.1964, Craiova - 10.06.1964, 25.06.1965, 15.06.1966, 10.06.1967, Plenița - 15.05.1970, Segarcea - 01.06.1963; no of inv.: 16.444-16.449, 25.465.

A. festiva (HUFNAGEL 1766) - 1 individual: Craiova 15.06.1967; no of inv.: 25.464.

Euplagia (Callimorpha) quadripunctaria (PODA 1761) - 4 specimens: Baia de Fier – 3 specimens 23.08.1975, Sânpetru - 20.08.1977; no of inv.: 16.441- 16.443, 25.468. (A3)

Hyphantria cunea (DRURY 1773) - 3 specimens: Cernele - 04.08.1974, Craiova - 01.06.1971, 15.09.1971; no of inv.: 16.440, 25.470-25.471.

Hyphoraia aulica (LINNAEUS 1758) - 1 individual: Plenița - 15.05.1965; no of inv.: 25.469.

Phragmatobia fuliginosa (LINNAEUS 1758) - 11 specimens: Craiova - 25.06.1964, 3 specimens 26.06.1964, 10.07.1964, 15.07.1964, 20.06.1966, 10.08.1970, 25.08.1970, 20.07.1977, Sânpetru - 07.08.1977; no of inv.: 16.450-16.459, 25.472.

Spilosoma lubricipeda (LINNAEUS 1758) - 16 specimens: Baia de Arama - 15.05.1964, Craiova - 3 specimens 10.07.1964, 15.05.1964, 15.07.1964, 2 specimens 20.07.1964, 01.08.1964, 10.08.1964, 18.07.1965, 2 specimens 27.07.1965, 15.07.1967, 15.07.1970, 04.08.1974; no of inv.: 16.460-16.475.

S. urticae (ESPER 1789) - 1 individual: Craiova - 10.06.1966; no of inv.: 25.466.

Lithosiinae

Atolmis rubricollis (LINNAEUS 1758) – 1 individual: Baraj–Argeș - 04.07.1971; no of inv.: 25.473.

Eilema lurideola (ZINCKEN 1817) - 1 individual: Sânpetru - 10.08.1978; no of inv.: 25.463.

E. sororcula (HUFNAGEL 1766): 2 specimens: Craiova - 20.07.1964, 27.07.1975; nr. inv. 16.433, 25.460.

Lithosia quadra (LINNAEUS 1758): 8 specimens: Craiova – 4 specimens 10.08.1970, 05.08.1970, 3 specimens 15.08.1970; nr. inv. 16.434-16.439, 25.461-25.462.

Syntominiinae

Amata phegea (LINNAEUS 1758) - 20 specimens: Balș - 16.06.1963, Bugiulești - 20.06.1965,

Craiova 2 specimens 10.06.1964, 8 specimens 20.06.1964, 3 specimens 22.06.1964, 25.06.1972, 10.06.1973, 20.06.1975, Ghindeni - 23.06.1973, Țânțăreni - 12.07.1964; nr. inv. 16.328-16.346, 25.476.

Dysauxes famula (FREYER 1836) - 7 specimens: Craiova - 4 specimens 05.09.1972, Secui – 2 specimens 10.09.1974, Ghindeni 10.09.1973; nr. inv. 16.322-16.327, 25.477.

LYMANTRIIDAE

Arctorninae

Leucoma salicis (LINNAEUS 1758) - 16 specimens: Craiova-6 specimens 20.06.1964, 2 specimens 22.06.1964, 26.06.1964, 20.08.1964, 3 specimens 15.07.1970, 20.06.1973, 20.06.1975, 25.06.1978; no of inv.: 15.828-15.841, 25.584-25.585.

Calliterinae

Calliteara fascelina fascelina (LINNAEUS 1758) - 1 individual: Craiova - 20.06.1968, 25.582.

C. pudibunda (LINNAEUS 1758) - 2 specimens: Baia de Fier - 11.05.1958, Băile Herculane - 20.06.1965; no of inv.: 15.777, 25.583.

Lymantriinae

Lymantria dispar dispar (LINNAEUS 1758) - 31 specimens: Craiova - 10.07.1963, 05.07.1964, 26.06.1964, 29.06.1964, 16 specimens 10.07.1964, 4 specimens 15.07.1964, 20.07.1964, 10.08.1964, 10.07.1965, 05.07.1966, 2 specimens 01.07.1970, 10.07.1970; no of inv.: 15.797-15.825, 25.586-25.587.

L. monacha (LINNAEUS 1758) - 3 specimens: Râncea - 2 specimens 25.08.1963, 24.07.1968; no of inv.: 15.826-15.827, 25.590.

Nygmininae

Euproctis chrysorrhoea (LINNAEUS 1758) - 1 individual: Craiova - 26.06.1964; 25.589.

Orgyinae

Orgyia (Orgyia) antiqua (LINNAEUS 1758) - 1 individual: Craiova - 10.06.1971; no of inv.: 25.591.

Ocneria rubra (DENIS & SCHIFFERMÜLLER 1775) - 1 individual: Craiova - 31.08.1964; nr. inv. 25.588.

NOCTUIDAE

Acontiinae

Acontia lucida (HUFNAGEL 1766) - 5 specimens: Craiova 10.07.1964, 07.07.1965, 05.07.1966, 10.07.1966, 20.07.1968; no of inv.: 16.210-16.212, 25.514-25.515.

Acronictinae

A. megacephala (DENIS & SCHIFFERMÜLLER 1775) - 1 individual: Craiova - 20.07.1964; no of inv.: 25.621.

A. rumicis (LINNAEUS 1758) - 15 specimens: Baia de Aramă - 17.05.1964, Craiova - 26.06.1964, 3 specimens 10.07.1964, 05.08.1964, 2 specimens 27.07.1965, 20.06.1966, 3 specimens 15.08.1966, 15.07.1967, 20.08.1970, Turcinești - 10.06.1968; no of inv.: 15.932-15.941 and 15.960-15.963, 25.623.

A. tridens (DENIS & SCHIFFERMÜLLER 1775) - 1 individual: Craiova - 05.07.1966, 15.08.1966; no of inv.: 25.622, 25.624.

Moma alpium (OSBECK 1778) - 2 specimens: Craiova - 03.08.1965, Plenița - 15.05.1970; no of inv.: 15.921, 25.635.

Simyra nervosa (DENIS & SCHIFFERMÜLLER 1775) - 1 individual: Craiova - 15.04.1967; no of inv.: 25.629.

Aedeiinae

Aedia funesta (ESPER 1786) - 8 specimens: Craiova - 3 specimens 05.06.1964, 14.06.1964, 10.06.1964, 22.06.1964, Turcinești - 10.06.1968, 20.07.1970; no of inv.: 16.132-16.138, 25.505.

Amphipyrae

Amphipyra pyramidea (LINNAEUS 1758) - 9 specimens: Bugiulești - 05.07.1964, Craiova 01.08.1964, 10.08.1964, 10.07.1966, 15.07.1966, 15.08.1966, 15.09.1982, Novaci - 20.08.1963, Sânpetru - 20.08.1978; no of inv.: 16.016-16.023, 25.533.

Bryophilinae

Cryphia (Cryphia) fraudatricula (HÜBNER 1803) - 1 individual: Craiova 25.08.1970, no of inv.: 25.640.

C. (C.) raptricula (DENIS & SCHIFFERMÜLLER 1775) - 10 specimens: Craiova - 20.06.1964, 10.07.1964, 03.08.1964, 15.07.1970, 3 specimens 25.07.1970, 3 specimens 10.08.1970; no of inv.: 16.052-16.060, 25.625.

C. (Cryphia) receptricula (HÜBNER 1803) - 1 individual: Craiova 05.08.1963; nr. inv. 25.527.

Calpinae

Scoliopteryx libatrix (LINNAEUS 1758) - 5 specimens: Bucovăț 25.06.1977, Craiova 08.08.1964, 20.06.1971, 20.05.1968, Rânca - 28.08.1963; nr. inv. 16.168-16.171, 25.494.

Catocalinae

Catephia alchymista (DENIS & SCHIFFERMÜLLER 1775) - 1 individual: Craiova - 01.07.1970; no of inv.: 25.499.

Catocala elocata (ESPER 1787) - 12 specimens: Craiova - 10.08.1963, 20.08.1963, 15.08.1965, 15.08.1970, 20.08.1970, 01.08.1975, 15.08.1975, 15.09.1976, 3 specimens 25.07.1977, 10.09.1978; no of inv.: 15.996-16.007.

C. fulminea (SCOPOLI 1763) - 2 specimens: Turcinești - 10.06.1968; no of inv.: 16.015, 25.491.

C. hymenaea (DENIS & SCHIFFERMÜLLER 1775) - 2 specimens: Bugiulești - 05.08.1964, Craiova - 01.08.1966; no of inv.: 16.014, 25.492.

Catocala nupta (LINNAEUS 1767) - 5 specimens: Craiova - 05.07.1966, 25.06.1968, 27.07.1965, Novaci - 05.09.1963, Sânpetru - 30.08.1977; no of inv.: 16.008-16.011, 25.489.

C. promissa (DENIS & SCHIFFERMÜLLER 1775) - 3 specimens: Craiova - 08.08.1964, 20.09.1966, 20.08.1978; no of inv.: 16.012-16.013, 25.490.

C. sponsa (LINNAEUS 1767) - 1 individual: Craiova - 10.07.1964, no of inv.: 25.493.

Dysgonia algira (LINNAEUS 1767) - 1 individual: Bugiulești - 20.06.1965; no of inv.: 25.500.

Euclidia glyphica (LINNAEUS 1758) - 1 individual: Craiova - 20.05.1968; no of inv.: 25.504.

Grammodes stolidia (FABRICIUS 1775) - 1 individual: Craiova - 10.07.1964; no of inv.: 25.498.

G. stolidia (FABRICIUS, 1775) - 6 specimens: Craiova - 01.05.1964, 2 specimens Geormane - 01.08.1972, Prunet - 27.07.1973, 26.08.1974, Secui - 01.08.1975; nr. inv. 16.143-16.147, 25.648.

Lygephila viciae (HÜBNER 1822) - 1 individual: Craiova - 10.07.1964; no of inv.: 25.501.

Cuculliinae

Calophasia lunula (HUFNAGEL 1766) - 1 individual: Turcinești 10.06.1968; no of inv.: 25.647.

Cucullia lactucae (DENIS & SCHIFFERMÜLLER 1775) - 4 specimens: Baia de Fier - 07.08.1966; Craiova - 08.08.1964, 27.07.1965, Sânpetru - 07.08.1977; no of inv.: 16.214-16.216, 25.634.

C. umbratica (LINNAEUS 1758) - 2 specimens: Craiova - 27.07.1965, Baia de Fier - 07.08.1966; no of inv.: 16.217, 25.633.

Eustrotiinae

Emmelia trabealis (SCOPOLI 1763): 12 specimens: Craiova - 3 specimens 05.08.1952, 14.06.1964, 20.06.1964, 2 specimens 05.06.1964, 20.07.1964, 05.06.1965, 01.08.1972, 25.07.1973, 04.08.1974; no of inv.: 16.118-16.128, 25.510.

Hadeninae

Agrochola (Anchoscelis) helvola (LINNAEUS 1758) - 1 individual: Craiova 05.10.1978; no of inv.: 25.646.

Athetis furvula (HÜBNER 1808) - 1 individual: Craiova - 26.06.1975; no of inv.: 25644.

Antitype chi (LINNAEUS 1758) - 1 individual: Craiova - 10.07.1964; no of inv.: 25.620.

Apamea furva (DENIS & SCHIFFERMÜLLER 1775) - 1 individual: Râncea - 28.08.1963; no of inv.: 25.520.

A. leucodon (EVERSMANN 1837) - 1 individual: Craiova - 10.07.1964; no of inv.: 25.630.

A. monoglypha (HUFNAGEL 1766) - 7 specimens: Băile Herculane - 20.06.1965, Craiova - 20.06.1964, 20.06.1967, Râncea - 3 specimens 15.08.1966, Sânpetru - 20.08.1978; no of inv.: 16.042-16.046, 25.529, 25.639.

A. remissa (HÜBNER 1809) - 9 specimens: Baia de Arama - 17.05.1964, Craiova - 03.09.1963, 10.06.1964, 15.06.1965, 25.06.1965, 10.07.1965, 2 specimens 20.06.1975, Râncea - 27.08.1963; no of inv.: 16.061-16.068, 25.603.

Nonagria typhae (THUNBERG 1784) - 3 specimens: Craiova - 08.08.1964, 10.08.1970, Râncea - 15.08.1967; no of inv.: 16.095-16.096, 25.525.

Cosmia diffinis (LINNAEUS 1767) - 1 individual: Craiova - 22.04.1964; no of inv.: 25.524.

C. trapezina (LINNAEUS 1758) - 1 individual: Craiova - 15.09.1969; no of inv.: 25.521.

Enargia paleacea (ESPER 1788) - 1 individual: Craiova - 20.08.1974; no of inv.: 25.523.

Dypterygia scabriuscula (LINNAEUS 1758) - 1 individual: Craiova - 08.08.1964; no of inv.: 25.619.

Hadula (Calocestra) trifolii (HUFNAGEL 1766) - 3 specimens: Craiova - 01.06.1964, 20.06.1966, 25.06.1972; no of inv.: 16.108-16.109, 25.631.

Hoplodrina octogenaria (GOEZE 1781) - 1 individual: Craiova - 25.08.1964; no of inv.: 25.627.

Hecatera bicolorata (HUFNAGEL 1766) - 1 individual: Baia de Aramă - 17.05.1964; no of inv.: 25610.

H. dysodea (DENIS & SCHIFFERMÜLLER 1775) - 1 individual: Craiova - 10.08.1970; no of inv.: 25.607.

Lithophane (Lithophane) ornitopus (HUFNAGEL 1766) - 1 individual: Secui - 06.10.1974; no of inv.: 25.642.

L. (Lithophane) furcifera (HUFNAGEL 1766) - 1 individual: Râncea - 28.08.1963; no of inv.: 25.643.

Lacanobia (Dianobia) thalassina (HUFNAGEL 1766) - 7 specimens: Craiova - 2 specimens 05.06.1964, 15.07.1964, 03.08.1964, 10.08.1964, 18.07.1965, 15.09.1966; no of inv.: 16.162-16.167, 25.608.

L. (Diataraxia) oleracea (LINNAEUS 1758) -

13 specimens: Craiova - 15.08.1952, 20.08.1963, 27.07.1963, 10.06.1964, 2 specimens 10.07.1964, 08.08.1964, 10.07.1966, 25.07.1966, 20.07.1971, 25.06.1972, 25.07.1977, Sânpetru - 25.07.1977; no of inv.: 16.150-16.161, 25.611.

Luperina testacea (DENIS & SCHIFFERMÜLLER 1775) - 1 individual: Craiova 01.08.1972; no of inv.: 25.626.

Melanchra persicariae (LINNAEUS 1761) - 14 specimens: Craiova - 15.07.1964, 2 specimens 10.07.1964, 08.08.1964, 05.06.1965, 20.05.1970, 15.07.1970, 10.08.1970, 15.09.1976, Râncea - 15.08.1966, Sânpetru - 20.07.1971, 25.08.1977, 10.08.1978, 25.08.1977; no of inv.: 16.024-16.031, 16.047-16.052, 25.606.

Mesogona acetosellae (DENIS & SCHIFFERMÜLLER 1775) - 1 individual: Craiova - 20.09.1966; no of inv.: 25.649.

Mythimna (Mythimna) turca (LINNAEUS 1761) - 5 specimens: Craiova - 05.06.1964, 12.08.1964, 2 specimens 10.08.1970, 25.07.1971; no of inv.: 15.988-15.990, 25.614-25.615.

M. (Mythimna) vitellina (HÜBNER 1808) - 2 specimens: Craiova - 15.06.1966, 10.05.1975; no of inv.: 15.987, 25.617.

M. (Mythimna) straminea (TREITSCHKE 1825) - 1 individual: Craiova - 20.06.1968; no of inv.: 25.616.

M. (Mythimna) pallens (LINNAEUS 1758) - 3 specimens: Craiova - 15.06.1964, 2 specimens 25.07.1970; no of inv.: 15.985-15.986, 25.613.

M. (Hyphilare) l-album (LINNAEUS 1767) - 1 individual: Craiova - 10.07.1966, no of inv.: 25.618.

M. (Mythimna) impura (HÜBNER 1808) - 3 specimens: Craiova 25.05.1965, 01.08.1972, Sânpetru - 25.08.1977; no of inv.: 15.991-15.993.

Mythimna sp. - 2 specimens: Craiova - 25.06.1964, 10.07.1964; no of inv.: 15.994-15.995.

Nonagria typhae (THUNBERG 1784) - 10 specimens: Craiova - 10.08.1965, 4 specimens 10.07.1964, 2 specimens 25.06.1964, 26.06.1964, 27.06.1965, 10.07.1966; no of inv.: 16.086-16.094, 25.641.

Pachetra sagittigera (HUFNAGEL 1766) - 8 specimens: Baia de Aramă - 17.05.1964, Băile Herculane - 2 specimens 20.06.1965, Craiova - 2 specimens 05.06.1964, 20.06.1964, 26.06.1964 25.06.1972; nr. inv. 16.032-16.038, 25.609.

Paradrina clavipalpis (SCOPOLI 1763) - 1 individual: - 15.08.1966; no of inv.: 25.628.

Phlogophora meticulosa (LINNAEUS 1758) - 4 specimens: Craiova - 15.11.66, 25.10.1967, Sângeorz - 08.10.1960, Turcinești - 15.06.1968; no of inv.: 16.222-16.224, 25.526.

Polia bombycina (HUFNAGEL 1766) - 2 specimens: Craiova - 05.08.1952, Râncea - 28.07.1963; nr. inv.: 16.148, 25.612.

P. nebulosa (HUFNAGEL 1766) - 1 individual: Craiova 12.08.1964; nr. inv. 16.149.

Trachea atriplicis (LINNAEUS 1758) - 16 specimens: Băile Herculane - 20.06.1965, Craiova - 2 specimens 05.08.1962, 15.07.1970, 20.07.1970, 25.07.1970, 10.08.1970, 15.08.1970, 20.08.1970, 25.08.1973, 15.08.1974, 2 specimens 15.09.1976, 25.10.1976, 05.09.1978, 15.05.1980; no of inv.: 15.970-15.984, 25.511.

Xanthia (Cirrha) ocellaris (BORKHAUSEN 1792) - 7 specimens: Băile Herculane - 20.06.1965, Craiova - 10.09.1963, 05.06.1964, 2 specimens 10.06.1964, 01.06.1968, 05.09.1972; no of inv.: 15.948-15.954.

Xanthia (Xanthia) togata (ESPER 1788) - 1 individual: Râncea - 01.09.1963; no of inv.: 25.519

Xanthia sp. - 3 specimens: Craiova - 18.09.1964, 10.08.1970, 10.05.1975; no of inv.: 15.967-15.969.

Heliothinae

Heliothis peltigera (DENIS & SCHIFFERMÜLLER 1775) - 5 specimens: Craiova - 10.08.1967, 15.08.1967, 2 specimens 10.09.1967, 25.08.1970; no of inv.: 16.139-16.141, 25.532, 25.637.

H. viropilata (HUFNAGEL 1766) - 13 specimens: Craiova - 2 specimens 05.06.1964, 10.06.1964, 20.06.1964, 2 specimens 10.07.1964, 15.07.1964, 10.08.1964, 18.07.1965, 27.07.1965, 15.07.1970, 15.08.1973, 01.08.1975; no of inv.: 16.097-16.107, 25.530, 25.636.

Periphanes delphinii (LINNAEUS 1758) - 1 individual: Craiova - 22.06.1964; no of inv.: 25.528.

Panemeria tenebrata (SCOPOLI 1763) - 1 individual: Craiova - 01.08.1972; no of inv.: 25.534.

Protoschinia scutosa (DENIS & SCHIFFERMÜLLER 1775) - 10 specimens: Craiova - 10.07.1964, 2 specimens 01.08.1964, 10.08.1964, 27.07.1965, 3 specimens 01.08.1965, 15.09.1966, 01.08.1972; no of inv.: 16.110-16.117, 25.531, 25.638.

Pyrria umbra (HUFNAGEL 1766) - 2 specimens: Craiova - 10.08.1970, Turcinești - 15.06.1968; no of inv.: 16.141, 25.645.

Noctuidae

Agnorisma punicea (HÜBNER 1803) - 5 specimens: Râncea - 01.08.1963, 01.09.1963, 2 specimens 28.08.1963, 03.09.1963; no of inv.: 16.218-16.221, 25.600.

Agrotis segetum (DENIS & SCHIFFERMÜLLER 1775) - 16 specimens: Cernele - 04.08.1974, Craiova - 05.06.1964, 2 specimens, 10.08.1964, 27.07.1965, 15.07.1966, 20.09.1966, 05.09.1971, 04.08.1974, 4 specimens 20.08.1974, Plenita - 2 specimens 15.05.1970, Râncea - 21.08.1963; no of inv.: 15.923-15.931 and 15.955-15.959, 25.598.

A. exclamatoris (LINNAEUS 1758) - 11 speci-

mens: Băile Herculane - 2 specimens 20.06.1965, Craiova - 05.06.1964, 3 specimens 10.08.1964, 27.07.1965, 15.09.1966, 01.06.1968, 25.08.1970, 25.05.1980; no of inv.: 15.908-15.917, 25.600.

A. ipsilon (HUFNAGEL 1766) - 17 specimens: Craiova - 15.05.1964, 5.06.1964, 14.06.1964, 25.06.1964, 10.07.1964, 20.08.1964, 15.06.1966, 15.06.1966, 2 specimens 20.06.1968, 10.08.1970, 20.06.1971, 15.07.1970, 25.07.1970, 25.08.1970, Prunet - 15.09.1972, Sânpetru - 07.08.1977; no of inv.: 15.892-15.907, 25.599.

A. bigramma (ESPER 1790) - 1 individual: Craiova - 15.09.1966, no of inv.: 25.601.

Anaplectoides prasina (DENIS & SCHIFFERMÜLLER 1775) - 1 individual: Craiova - 10.07.1966; no of inv.: 16.208.

Noctua pronuba (LINNAEUS 1758) - 14 specimens: Băile Herculane - 2 specimens 20.06.1965, Craiova - 01.10.1964, 30.09.1967, 20.05.1968, 10.09.1970, 10.07.1973, 15.07.1975, 20.06.1975, 15.09.1976, 01.07.1977, 20.10.1977, 10.09.1978, Sânpetru - 20.08.1978; nr. inv.: 16.069-16.081, 25.495.

N. fimbriata (SCHREBER 1759) - 6 specimens: Craiova - 10.08.1964, 27.07.1965, 05.06.1966, 20.06.1968, 01.07.1970, 20.07.1970; nr. inv.: 16.082-16.085, 25.496-25.497.

N. janthina DENIS & SCHIFFERMÜLLER 1775 - 1 individual: Craiova - 10.07.1966; no of inv.: 25.503.

Ochropleura plecta (LINNAEUS 1761) - 4 specimens: 2 specimens Craiova - 10.07.1964, 2 specimens 27.07.1965; no of inv.: 15.918-15.920, 25.632.

Rhyacia simulans (HUFNAGEL 1766) - 1 individual: Craiova 20.08.1974; no of inv.: 25.605.

Xestia (Megasema) c-nigrum (LINNAEUS 1758) - 9 specimens: Băile Herculane - 20.06.1965, Cernele - 04.08.1974, Craiova - 08.08.1964, 20.09.1966, 20.05.1968, 25.07.1970, Sânpetru - 15.08.1977, 30.08.1977, Turcinești - 15.06.1968; no of inv.: 15.942-15.947 and 15.964-15.966, 25.602.

Plusiinae

Autographa gamma (LINNAEUS 1758): 31 specimens: Craiova - 2 specimens 28.08.1963, 3 specimens 10.07.1964, 15.06.1965, 3 specimens 20.06.1964, 2 specimens 25.06.1964, 25.06.1965, 26.06.1964, 10.07.1965, 15.07.1964, 15.08.1966, 2 specimens 20.09.1966, 2 specimens 15.09.1966, 10.06.1968, 10.07.1970, 10.08.1970, 20.09.1975, 2 specimens 01.10.1975, Praga - 2 specimens 18.09.1965, Râncea - 21.08.1963, Sânpetru - 3 specimens 25.08.1977; no of inv.: 16.172-16.201, 25.506.

Diachrysia chrysitis (LINNAEUS 1758): 4 specimens: Craiova - 2 specimens 27.07.1965, 15.09.1966, Sânpetru 25.08.1978; no of inv.: 16.205-16.207, 25.509.

Macdunnoughia confusa (STEPHENS 1850) - 1 individual: Craiova - 27.07.1967; no of inv.: 25.507.

Plusia festucae (LINNAEUS 1758) - 5 specimens: Craiova 10.07.1964, 01.08.1964, 25.07.1965, 20.06.1968, 10.08.1970; no of inv.: 16.202-16.204, 25.502, 25.508.

Rivulinae

Parascotia fuliginaria (LINNAEUS 1761) - 2 specimens: Craiova 10.06.1964, 20.06.1964; no of inv.: 16.213, 25.512.

Tytinae

Tyta luctuosa (DENIS & SCHIFFERMÜLLER 1775): 3 Craiova - 2 specimens 05.08.1952, 05.06.1964; no of inv.: 16.129-16.130, 25.516.

NOLIDAE

Eariadinae

Earias clorana (LINNAEUS 1761) - 2 specimens: Craiova - 01.06.1970, 08.06.1982; no of inv.: 16.131, 25.522.

Chloephorinae

Bena bicolorana (FUESSLY 1775) - 2 specimens: Craiova - 05.07.1966, 01.07.1970; no of inv.: 16.209, 25.518.

Pseudoips prasinana (LINNAEUS 1758): - 2 specimens: Craiova - 05.07.1966, 24.07.1973; no of inv.: 16.209, 25.517.

NOTODONTIDAE

Notodontinae

Drymonia ruficornis (HUFNAGEL 1766) - 1 individual: Craiova 25.04.1967; no of inv.: 25.581.

Phalerinae

Peridea anceps (GOEZE 1781) - 1 individual: Craiova - 29.05.1964; no of inv.: 25.580.

Phalera bucephala (LINNAEUS 1758) - 1 individual: Baia de Aramă - 15.05.1964; no of inv.: 15.794.

Ptilodoninae

Pterostoma palpina (CLERCK 1759) - 2 specimens: Baia de Aramă - 17.05.1964; 01.08.1964, no of inv.: 15.796, 25.578.

Pygaerinae

Clostera curtula (LINNAEUS 1758) - 1 individual: Craiova 25.07.1970, no of inv.: 25.575.

Pheosia tremula (CLERCK 1759) - 1 individual: Craiova - 15.09.1966; no of inv.: 25.579.

Stauropinae

Cerura (Apocerura) erminea erminea (ESPER 1783) - 1 individual: Craiova - 01.08.1964; no of inv.: 25.577.

Furcula bifida (BRAHM 1787) - 2 specimens: Băile Herculane - 20.06.1965, Turcinești - 10.06.1968; no of inv.: 15.795, 25.576.

PAPILIONOIDEA

LYCAENIDAE

Lycaeninae

Celastrina argiolus (LINNAEUS 1758) - 2 specimens: Tismana - 10.07.1976; no of inv.: 15 730-15 731.

Lycaena dispar (HAWORTH 1802) - 4 specimens: Bugiulești - 20.06.1965, Melinești - 01.07.1974, Perișor - 20.05.1976, Secui - 01.08.1975; no of inv.: 15.739-15.741, 25.417. (A3); (A4^A)

L. phlaeas (LINNAEUS 1761) - 3 specimens: Bugiulești - 05.07.1964, Craiova - 10.07.1966, 05.09.1973; no of inv.: 15.730 -15.731, 25.438.

L. thersamon (ESPER 1784) - 1 individual: Craiova - 05.09.1972; no of inv.: 25.439.

L. virgaureae (LINNAEUS 1758) - 4 specimens: Bugiulești - 26.07.1963, 2 specimens 05.07.1964, Craiova - 10.07.1966; no of inv.: 15.736 - 15.738, 25.420. NT

L. tityrus (PODA 1761) - 3 specimens: Craiova - 02.07.1963, 2 specimens 10.07.1966; no of inv.: 15.734 - 15.735, 25.419.

Maculinea arion (LINNAEUS 1758) - 1 individual: Turcinești - 10.06.1976, no of inv.: 25.442. (A 4^A); NT

Plebeius (Aricia) agestis (DENIS & SCHIFFERMÜLLER 1775) - 2 specimens: Craiova - 20.05.1964, 05.09.1972; no of inv.: 15.720-15.721 .

P. (Aricia) eumedon (ESPER 1780) - 1 individual: Balș 16.06.1963; no of inv.: 15.727.

Polyommatus (Meleageria) bellargus (ROTTEMBURG 1775) - 5 specimens: Bugiulești - 26.07.1963, 26.08.1963, 2 specimens 05.07.1964, Craiova-Obedeanu - 14.07.1974; no of inv.: 15.722 - 15.726.

P. (Polyommatus) icarus (ROTTEMBURG 1775) - 20 specimens: Bugiulești - 2 specimens 26.07.1963, 05.07.1964, 10.07.1974, Craiova - 01.06.1964, 20.05.1965, 4 specimens 10.07.1966, 2 specimens 20.05.1967, 4 specimens 20.05.1968, Craiova-Obedeanu - 25.05.1973, 08.07.1973, Perișor - 20.05.1976, Prunet - 15.09.1972; no of inv.: 15.702-15.719, 25.440-25.441.

NYMPHALIDAE

Apaturinae

Apatura ilia (DENIS & SCHIFFERMÜLLER 1775) - 3 specimens: Făgăraș - 2 specimens 25.06.1968, Novaci - 05.08.1965; no of inv.: 15.532-15.533, 25.404. VU

Heliconiinae

Argynnis (Mesoacidalia) aglaja (LINNAEUS 1758) - 2 specimens: Făgăraș - 05.07.1968, Râncea - 15.08.1967; no of inv.: 15.593, 25.412.

A. (Pandoriana) pandora (DENIS & SCHIFF. 1775) - 7 specimens: Bugiulești - 2 specimens 05.07.1964, Craiova - 18.07.1965, Făgăraș - 05.07.1968, Leamna - 14.08.1963, 16.08.1963, Plenița - 25.07.1973; no of inv.: 15.606-15.611, 25.411. VU

A. (Argynnis) paphia (LINNAEUS 1758) - 11 specimens: Bugiulești - 26.06.1963, Craiova - 4 specimens 10.07.1970, Leamna - 4 specimens 20.06.1978, 16.08.1963, Plenița - 25.07.1973; no of inv.: 15.612-15.621, 25.409. NT

Boloria (Clossiana) selene (DENIS & SCHIFFERMÜLLER 1775) - 7 specimens: Bugiulești - 05.07.1964, 20.06.1965, Făgăraș - 05.07.1968, 3 specimens Turcinești - 15.06.1968; 1 specimen 10.06.1968; no of inv.: 15.586-15.592. NT

Issoria (Issoria) lathonia (LINNAEUS 1758) - 13 specimens: Balș - 16.06.1963, Bugiulești - 26.07.1963, Craiova - 22.07.1963, 10.06.1964, 2 specimens 14.06.1964, 18.07.1965, 05.09.1972; Craiova-Obedeanu - 25.05.1973, 2 specimens Novaci - 05.09.1963, 10.08.1966; Râncea - 10.08.1966; no of inv.: 15.594-15.605, 25.410.

Melitaeinae

Melitaea athalia athalia (ROTTEMBURG 1775) - 2 specimens: Perișor - 20.05.1976; no of inv.: 15.585, 25.414. NT

M. aurelia NICKERL 1850 - 1 individual: Turcinești - 15.06.1968; no of inv.: 15.584. VU

M. didyma (ESPER 1778) - 2 specimens: Baia de Fier - 15.10.1966, Turcinești - 15.06.1968; no of inv.: 15.582, 25.415.

M. phoebe (DENIS & SCHIFFERMÜLLER 1775) - 1 individual: Bugiulești - 10.07.1968; no of inv.: 15.583. NT

Nymphalinae

Aglais urticae (LINNAEUS 1758) - 9 specimens: Făgăraș - 05.07.1968, Râncea - 20.07.1962, 03.09.1963, 28.07.1963, 15.08.1965, 20.08.1966, Sânpetru - 2 specimens 20.08.1978, 25.08.1978; no of inv.: 15.547-15.554, 25.407. NT

Araschnia levana (LINNAEUS 1758): 3 specimens: Bucovăț - 10.06.1977, Făgăraș 2 specimens 05.07.1968; no of inv.: 15.580-15.581, 25.407. NT

Inachis io (LINNAEUS 1758) - 10 specimens: Craiova - 15.06.1964, 20.03.1974, 2 specimens - 15.04.1974, 05.10.1978, 10.07.1980, Desa - 15.09.1969, Făgăraș - 2 specimens 05.07.1968, 25.06.1968; no of inv.: 15.555-15.563, 25.405.

Nymphalis polychloros (LINNAEUS 1758) - 2 specimens: Craiova - 05.08.1963, 20.06.1964; no of inv.: 15.546, 25.406. EN

Polygonia c-album (LINNAEUS 1758) - 13 specimens: Craiova - 14.06.1964, 20.06.1964, 01.07.1964, 18.07.1965, 20.02.1968, 10.08.1970, Râncea - 03.09.1963, 23.08.1963, 2 specimens 25.08.1963, 2 specimens 28.08.1963, 31.10.1963; no of inv.: 15.534-15.545, 25.408. NT

Vanessa atalanta (LINNAEUS 1758) - 7 specimens: Craiova - 20.06.1964, Râncea - 27.08.1953, 15.08.1960, 2 specimens 25.08.1963, 2 specimens 25.08.1977; no of inv.: 15.564-15.570.

V. cardui (LINNAEUS 1758) - 10 specimens: Craiova - 12.10.1962, 22.10.1962, 02.06.1964, 10.07.1964, 16.07.1966, 14.06.1966, 2 specimens 05.08.1972, Râncea - 20.07.1962, 28.08.1963; no of inv.: 15.571-15.579, 25.413.

Satyrinae

Coenonympha glycerion (BORKHAUSEN 1788) - 1 individual: Perișor - 20.05.1976; no of inv.: 15.640. NT

C. pamphilus (LINNAEUS 1758) - 6 specimens: Bugiulești - 10.07.1964, Craiova - 10.06.1964, 20.05.1968, Novaci - 05.09.1963. 2 specimens Turcinești - 10.06.1968; no of inv.: 15.641-15.646.

Erebia medusa (DENIS & SCHIFFERMÜLLER 1775) - 1 individual: Râncea - 20.08.1962; no of inv.: 25.448. NT

Hipparchia (Neohipparchia) statilinus (HUFNAGEL 1766): 1 specimen, Franța 15.07.1971; no of inv.: 25.447. VU

Lasiommata megera (LINNAEUS 1767) - 5 specimens: Bugiulești - 05.07.1964, Craiova - 29.06.1964, 18.07.1965, Novaci - 2 specimens 05.09.1963; no of inv.: 15.636-15.639, 25.443.

Maniola jurtina (LINNAEUS 1758) - 57 specimens: Bugiulești - 05.07.1964, 3 specimens 10.07.1964, 2 specimens 20.06.1965, Craiova - 2 specimens 14.06.1964, 29.06.1964, Dobromira - 08.06.1975, Făgăraș - 06.06.1968, Leamna - 14.08.1963, Tismana - 10.07.1976, 26 specimens Turcinești - 10.07.1976, 18 specimens 15.06.1968; no of inv.: 15.647-15.701, 25.445-25.446.

Melanargia galathea (LINNAEUS 1758) - 14 specimens: Craiova - 10.07.1970, Făgăraș - 25.06.1965, Plenița - 25.07.1973, Turcinești - 7 specimens 10.06.1968, 4 specimens 15.06.1968; no of inv.: 15.622–15.634, 25.443.

Pararge aegeria (LINNAEUS 1758) - 2 specimens: Bugiulești - 05.07.1964; no of inv.: 15.635, 25.449.

PAPILIONIDAE

Papilioninae

Iphiclides podalirius (LINNAEUS 1758) - 10 specimens: Bugiulești - 26.08.1963, 05.08.1964, Căpreni - 24.04.1980, Craiova - 05.08.1963, 20.08.1963, 2 specimens 29.06.1964, 2 specimens Fărcăș - 06.06.1968, Sânpetru - 25.08.1978; no of inv.: 15.440- 15.448, 25.403. VU

Papilio machaon LINNAEUS 1758 - 5 specimens: Craiova - 2 specimens 20.06.1964, 01.08.1964, 10.06.1976, Făgăraș - 25.06.1968; no of inv.: 15.436–15.439, 25.402. EN

Parnassiinae

Parnassius apollo KERTESZ 1922 - 1 individual: Rarău - 10.06.1952; no of inv.: 25.401. (A4^A); CR

PIERIDAE

Coliadinae

Colias hyale (LINNAEUS 1758) - 13 specimens: Bugiulești - 2 specimens 26.07.1973, Făgăraș - 7 specimens 25.06.1968, 2 specimens - 05.07.1968, 2 specimens - 06.07.1968; no of inv.: 15.506-15.517, 25.436.

C. croceus (FOURCROY 1785) - 4 specimens: Bugiulești - 2 specimens 26.07.1963, Craiova - 09.10.1962, 14.10.1963; no of inv.: 15.495-15 497, 25.437.

Gonepteryx rhamni (LINNAEUS 1758) - 4 specimens: Baiade Fier-24.08.1965, Craiova-25.06.1966, Făgăraș - 2 specimens 06.06.1965; 06.07.1968; no of inv.: 15.482-15.483, 25.430-25.431.

Pontia edusa (FABRICIUS 1777) - 11 specimens: Bugiulești - 07.06.1963, 06.07.1963, 26.07.1963, 26.08.1963, Craiova - 01.08.1963, 29.06.1964, Făgăraș - 25.06.1968, Măceșu de Sus - 30.08.1968, Novaci - 01.07.1957, 05.09.1963, Rânca - 20.06.1962; no of inv.: 15.494; 15.498-15.505; 25.434-25.435.

Dismorphiinae

Leptidea sinapis (LINNAEUS 1758) - 16 specimens:

Bugiulești-9specimens05.07.1964,10.07.1965, Craiova - 20.05.1968, Irimești - 10.06.1975, Novaci -

24.07.1957, 3 specimens Turcinești - 10.06.1968; no of inv.: 15.518-15.531, 25.432-25.433.

Pierinae

Anthocharis cardamines (LINNAEUS 1758) - 1 individual: Craiova - 20.05.1968; no of inv.: 25.426.

Aporia crataegi (LINNAEUS 1758) - 2 specimens: Craiova - 01.06.1964, 05.06.1964; no of inv.: 25.427. NT

Pieris brassicae brassicae (LINNAEUS 1758) - 3 specimens: Bugiulești - 26.07.1963, Craiova - 10.11.1968, 25.06.1968; no of inv.: 15.450–15.451; 25.421. VU

P. napi (LINNAEUS 1758) - 6 specimens: Drânic - 05.07.1977, Făgăraș - 05.07.1968, Plenița 25.07.1973, Sânpetru - 2 specimens 20.08.1977, Turcinești - 15.06.1968; no of inv.: 15.452-15.455; 25.424-25.425.

P. rapae (LINNAEUS 1758) - 28 specimens: Bugiulești - 05.07.1964, Craiova - 19.07.1957, 27.04.1963, 10.07.1964, 14.06.1964, 14.06.1964, 18.07.1965, 05.09.1972, 15.09.1972, 20.06.1973, 15.07.1974, 15.07.1976, 01.07.1980, Craiova-Obedeanu - 15.07.1963, 2 specimens - Făgăraș - 25.06.1968, Irimești - 08.06.1975, Melinești - 01.08.1974, Novaci - 05.09.1963, Prunet - 27.07.1973, Rânca - 25.08.1963, 08.1966. 2 specimens - 15.08.1967, Secui - 2 specimens 01.08.1975, Turcinești - 2 specimens - 15.06.1968; no of inv.: 15.456–15.481; 25.421-25.422.

Pontia daplidice (LINNAEUS 1758) - 12 specimens: - Bugiulești - 2 specimens 26.06.1963, Craiova - 2 specimens 01.07.1963, 01.06.1964, 01.07.1965, Făgăraș - 2 specimens 25.06.1968, Melinești - 2 specimens 10.08.1974, Turcinești 2 specimens - 15.06.1968; no of inv.: 15.484–15.493; 25.428-25.429.

Acknowledgements

Respectful thanks to Dr. Mircea VARVARA, university Professor, for translating the text into English.

Conclusions

The species of macrolepidoptera preserved in the „Ion Firu” entomological Collection constitutes a scientific data base of the fauna of Lepidoptera, including both common species (for the time being) in Romania, but also endangered species from the following groups recommended by IUCN: CR, EN, VU, NT.

Besides the scientific importance, the collection has also an historical importance, recording data in the period 1951 – 1982.

By the diversity of the preserved species, of the scientific data and the rarity of some species, the collection confirms once more the importance of scientific collections in the patrimony of the museums of natural sciences, which are veritable „data banks” of nature and which by the preserved specimens keep the proof of the existence once of some species on Earth.

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Received: 10.12.2007
Accepted: 15.12.2007
Printed: 24.12.2007