LIST OF THE ROVE BEETLES (COLEOPTERA, STAPHYLINIDAE) FROM THE SEVERAL MUSEUM COLLECTIONS FROM THE REPUBLIC OF MOLDOVA

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Abstract. The main purpose of the present paper was to offer a complete list of staphylinid species (Staphylinidae, Coleoptera) preserved in the entomological collections of some museums of public scientific institutions of the Republic of Moldova. In addition, we included rove beetle species which were documented as present on the territory of our country but their individuals were not found in any studied collections. We have investigated three entomological collections that are significant in terms of size and are very important for biodiversity, from the Republic of Moldova: the Collection of the Museum of Entomology within the Institute of Zoology, the Entomological Collection of the Institute of Physiology, Genetics and Plant Protection and the "N. Zubowsky" Entomological Collection of the NMENH. The specimens stored in these collections were collected in more than 220 collecting sites in different periods: 1917-1937, 1954-2020 and 1966-1999. The given list represents 261 rove beetle species, grouped in 12 subfamilies: Omaliinae, Proteininae, Tachyporinae, Habrocerinae, Aleocharinae, Oxytelinae, Oxyporinae, Scaphidiinae, Steninae, Paederinae, Staphylininae and Pselaphinae.

Keywords: scientific collections, staphylinid species, Coleoptera, Staphylinidae, Republic of Moldova.

Rezumat. Lista Stafilinidelor (Coleoptera, Staphylinidae) din câteva colecţii muzeale din Republica Moldova. Obiectivul principal al prezentei lucrări a fost de a oferi o listă completă a speciilor de stafilinide (Coleoptera, Staphylinidae) păstrate în colecțiile entomologice din cadrul unor muzee ale instituțiilor științifice de stat din Republica Moldova. De asemenea, în lucrare sunt incluse speciile de stafilinide care au fost publicate ca fiind prezente pe teritoriul țării noastre, dar exemplarele lor nu au fost găsite în colecțiile date. Au fost investigate colecțiile entomologice: Colecția Muzeului de Entomologie din cadrul Institutului de Zoologie, Colecția Entomologică din cadrul Institutului de Genetică, Fiziologie și Protecția Plantelor și Colecția Entomologică „N. Zubovskii" de la Muzeul Național de Etnografie și Istorie Naturală. Exemplarele stocate în aceste colecții au fost colectate din peste 220 de localități din țară, pe parcursul anilor: 1917-1937; 1954-2020 și respectiv 1966-1999. Lista prezentată în lucrare enumeră 261 de specii de stafilinide, incluse în 12 subfamilii: Omaliinae, Proteininae, Tachyporinae, Habrocerinae, Aleocharinae, Oxytelinae, Oxyporinae, Scaphidiinae, Steninae, Paederinae, Staphylininae și Pselaphinae.

Cuvinte cheie: colecții științifice, stafilinide, Coleoptera, Staphylinidae, Republica Moldova.

INTRODUCTION

The study of staphylinids (Coleoptera, Staphylinidae) in the Republic of Moldova was mainly oriented towards determining the diversity of this insect group and their distribution in various biotopes depending on abiotic and biotic factors (ADASHKEVICHI, 1972; BACAL & DERUNKOV, 2009; BACAL & DERUNKOV, 2010; BACAL et al., 2013; DERUNKOV & BACAL, 2011; MARCU 1931; MEDVEDEV & SHAPIRO, 1957; MIHAILOV, 2007; MIHAILOV, 2009; MIHAILOV & BACAL, 2019; MIHAILOV & CALESTRU. 2019; MIHAILOV, 2010; MIHAILOV & DERJANSCHI, 2011; MIHAILOV & TIMUŞ, 2016; MIHAILOV, 2013; NEKULISYANU, 1984; OSTAFICHUK, 1989; STAN & BACAL, 2006). In addition, these works published information regarding biology (development and reproduction); ecological plasticity and adaptability; the importance of some species of rove beetles in natural and anthropic ecosystems, etc. All these data were obtained due to a careful analysis and data accumulation from the territory, the study of specialized literature, the application of diverse practical experience, etc. Thus, a database dedicated to the staphylinids of Moldova was gradually formed and enriched. According to the classical model, year after year, the accumulated entomological material is stored in the museums of the state scientific institutions of the Republic of Moldova, is published and exhibited to the scientific public and not only. These materials contain data that serve as an element of applicability in the statistical analysis of biodiversity. Also, the material based on this research is a valuable study source for specialists in biology, entomology, plant protection, etc.

At present, more than 330 species included in 13 subfamilies of rove beetles are confirmed for the fauna of the Republic of Moldova (BACAL & DERUNKOV, 2010; BACAL et al., 2013; MIHAILOV, 2009; MIHAILOV, 2007; MIHAILOV & BACAL, 2019; MIHAILOV & CALESTRU. 2019; MIHAILOV, 2010; MIHAILOV & DERJANSCHI, 2011; MIHAILOV & TIMUŞ, 2016; MIHAILOV, 2013; STAN & BACAL, 2006). Most specimens of these species are preserved in the collections of the Entomological Museums of Institute of Zoology, of Institute of Genetics, Physiology and Plant Protection and of the National Museum of Ethnography and Natural History. Due to such a big number of species, we take a new path in our research – investigations, maintaining and aupplementing the staphylinidae collections of the Republic of Moldova.

MATERIALS AND METHODS

The paper is based on existent data of the Staphylinidae (Coleoptera) from the entomological heritage of the Institute of Zoology (EMIZ), Institute of Genetics, Physiology and Plant Protection (IGPPP) and of the National

Museum of Ethnography and Natural History (NMENH). We included rove beetle species which were published as being present on the territory of our country but their individuals were not found in any studied collections.

1. The Entomological Collection of MIZ contains 44 boxes with rove beetle specimens (fig. 1) collected in over 200 research points during 1954 until present by Ostaficiuc V., Plugaru S., Stepanov R., Nedbailov I., Vereșceaghin B., Dănilă A., Stratan V., Derjanschi V., Neculiseanu Z., Chiriac I., Bușmachiu G., Bacal S., Stahi N., Ciubcic V., Mihailov I. (Table 1).

Figure 1. The Entomological Collection of MIZ with the specialist in the Staphylinidae group Mihailov Irina (original).

Figure 2. A box from the Entomological Collection „N. Zubowsky" of the NMENH (original).

2. The Entomological Collection of IGPPP covers the period of 1966-1999. This collection includes insect species with harmful and useful status. Data for these species have been disseminated since 1968. Structurally, this collection includes over 3000 species insects affiliated to above a thousand genres and 120 families from seven orders: Hymenoptera, Neuroptera, Homoptera, Lepidoptera, Coleoptera and Diptera.

3. The collection studied in this paper belongs to the "N. Zubowsky Entomological Collection" of the NMENH, named in honor of its founder. This collection belonged to the naturalist Nikolai Zubowsky (1867-1943) who worked in this world-famous museum. Being elaborated during 1900-1940 in Bessarabia, the "N. Zubowsky Entomological Collection" of the NMENH, named in honor of its founder. This collection belonged to the naturalist Nikolai Zubowsky (1867-" is the oldest entomological collection in the Republic of Moldova, and has a considerable scientific interest. The Museum of Land Studies of Moldova of the Soviet Socialist Republic bought this collection after N. Zubowsky's death, in 1945. According to the documents of purchase dated of 10 December 1945 the museum funds were enriched with: 63 studied and systematized entomological boxes of butterflies from Bessarabia; 20 not definitely studied boxes of beetles from Bessarabia; eight processed but unorganized boxes of beetles and butterflies. The "N. Zubowsky" total collection contains 10.752 specimens of insects belonging to the Orthoptera order – 1293 specimens, Lepidoptera – 3609 and Coleoptera – 5850 specimens (fig. 2). These insects are included in 1774 species from 107 families and 5 orders (DERJANSCHI et al., 2016).

We decided to include in this paper the species that were cited by other authors as being present on the territory of the country, but whose specimens are missing (STAN & BACAL, 2006; BACAL & DERUNKOV, 2010; BACAL & DERUNKOV, 2009; BACAL et al., 2013; DERUNKOV & BACAL, 2011; MARCU, 1931; ADASHKEVICHI, 1972; MEDVEDEV & SHAPIRO, 1957; NEKULISYANU, 1984; OSTAFICHUK, 1989; SHAVRIN, 2006; YATSENTKOVSKIY, 1912).

The species were determinated and revised over the years by Mihailov I., Neculiseanu Z., Bacal S. and Derunkov A. In order to determine and revise the rove beetle species, we used mainly the keys by KIRSHENBLAT (1948 a, b), LAWRENCE & NEWTON (1982), NEWTON & THAYER (1992), KLIMASZEWSKI (2000), STAN (2004) and SHAVRIN (2006). The systematic order and the nomenclature of presentation are presented according to these keys too (STAN MELANIA, 2004). For each species, the following are provided: the analysed material, in which collections are the specimens of the species stored, the number of specimens and previous reports in literature in chronological order of the publishing date of the papers (for species missing from the Entomological Collections), also the collector who has contributed to their enrichment.

RESULTS

In our study, we used the entomological materials of the Staphylinidae family from the Entomological Collections of MIZ, IGPPP and the "N. Zubowsky Entomological Collection" of the NMENH, named in honor of its founder. This collection belonged to the naturalist Nikolai Zubowsky (1867) of the NMENH of the Republic of

Moldova. Because the aim of this paper was to value and systematize the rove beetle fauna of the Republic of Moldova we also did a literature review of rove beetle fauna from the Republic of Moldova published by STAN & BACAL (2006), BACAL & DERUNKOV (2010), BACAL & DERUNKOV (2009), BACAL et al. (2013), DERUNKOV & BACAL (2011), MARCU (1931), ADASHKEVICHI (1972), MEDVEDEV & SHAPIRO (1957), NEKULISYANU (1984), OSTAFICHUK (1989), SHAVRIN (2006) and YATSENTKOVSKIY (1912). As a result of assiduous researches, it was established that these collections preserved specimens of 337 species. These species belong to 105 genera, 29 tribes, 13 subfamilies and 4 groups (Tables 1; 2).

Table 1. List of rove beetles (Coleoptera, Staphylinidae) from the Entomological Collections and missing but published as present for Republic of Moldova.

Species	Specimens number			Collector or bibliographic source
	Entomological Collections			
	EMIZ	IGPPP	N.Z of NMENH	
Omaliine group				
Subfamily Omaliinae Macleay, 1825				
Tribus Anthophagini Thomson, 1859				
Acidota Stephens, 1829				
1. *Acidota cruentata* Mannerheim, 1830	1	-	-	M.I.
Anthobium Leach, 1819				
2. *Anthobium atrocephalum* (Gyllenhal, 1827)	3	-	-	O.V., M.I.
3. *Anthobium fusculum* (Erichson, 1839)	-	-	-	BACAL et al. (2013)
Anthophagus Gravenhorst, 1802				
4. *Anthophagus caraboides* (Linnaeus, 1758)	2	-	-	P.S.
Tribus Omaliini McLeay, 1825				
Acrolocha Thomson, 1858				
5. *Acrolocha pliginskii* Bernhauer, 1912	94	-	-	M.I.
Hypopycna Mulsant & Rey, 1880				
6. *Hypopycna rufula* (Erichson, 1840)	1	-	-	M.I.
Omalium Gravenhorst, 1802				
7. *Omalium caesum* Gravenhorst, 1806	5	-	-	M.I.
8. *Omalium ferrugineum* Kraatz, 1857	2	-	-	M.I.
9. *Omalium rivulare* (Paykull, 1789)	1	-	-	M.I.
Subfamily Proteininae Erichson, 1839				
Tribus Proteinini Erichson, 1839				
Megarthrus Stephens, 1829				
1. *Megarthrus denticollis* (Beck, 1817)	5	-	-	M.I.
Tachyporiane Group				
Subfamily Tachyporinae MacLeay, 1825				
Tribus Micetoporini Thomson, 1859				
Parabolitobius Li, Zhao & Sakai, 2000				
1. *Parabolitobius formosus* (Gravenhorst, 1806)	1	-	-	P.S.
Ischnosoma Stephens, 1832				
2. *Ischnosoma splendidum* (Gravenhorst, 1806)	1	-	-	O.V., M.I.
Lordithon Thomson, 1859				
3. *Lordithon lunulatus* (Linnaeus, 1760)	19	-	-	O.V.
4. *Lordithon exoletus* (Erichson, 1839)	6	-	-	O.V.
5. *Lordithon thoracicus* (Fabricius, 1777)	46	-	-	O.V., S.R.
6. *Lordithon trinotatus* (Erichson, 1839)	1	-	-	B.S.
Mycetoporus Mannerheim, 1831				
7. *Mycetoporus baudueri* Mulsant&Rey, 1875	-	-	-	BACAL et al. (2013)
8. *Mycetoporus forticornis* Fauvel, 1875	1	-	-	O.V.
9. *Mycetoporus lepidus* (Gravenhorst, 1806)	-	-	-	ADASHKEVICHI (1972)
10. *Mycetoporus nigricollis* Stephens, 1835	4	-	-	B.S., M.I.
11. *Mycetoporus eppelsheimianus* Fagel, 1968	-	-	-	BACAL & DERUNKOV (2009)
Tribus Tachyporini MacLeay, 1825				
Cilea Jacquelin du Val, 1856				
12. *Cilea silphoides* (Linnaeus, 1767)	19	-	-	M.I.
Sepedophilus Gistel, 1856				
13. *Sepedophilus immaculatus* (Stephens, 1832)	2	-	-	B.S., B.G.
14. *Sepedophilus littoreus* (Linnaeus, 1758)	1	-	-	B.S.
15. *Sepedophilus marshami* (Stephens, 1832)	1	-	-	B.G.
16. *Sepedophilus obtusus* (Luze, 1902)	-	-	-	BACAL & DERUNKOV (2009)
17. *Sepedophilus testaceus* (Fabricius, 1793)	17	-	-	O.V., M.I., B.G., S.R.
Tachinus Gravenhorst, 1802				
18. *Tachinus fimetarius* Gravenhorst, 1802	-	-	-	YATSENTKOVSKIY (1912)
19. *Tachinus lignorum* (Linnaeus, 1758)	26	-	-	M.I.
20. *Tachinus corticinus* Gravenhorst, 1802	3	-	1	B.S., M.I., C.V., Z.N.
21. *Tachinus rufipes* (Linnaeus, 1758)	1	-	-	B.S.
22. *Tachinus signatus* Gravenhorst, 1802	-	-	-	BACAL et al. (2013)
Tachyporus Gravenhorst, 1802				

23.	*Tachyporus abdominalis* (Fabricius, 1781)	52	-	-	S.R., O.V.
24.	*Tachyporus atriceps* Stephens, 1832	-	-	-	BACAL et al., 2013
25.	*Tachyporus nitidulus* (Fabricius, 1781)	35	17	-	S.R., O.V., M.I., B.S., B.G., C.V., A.B.
26.	*Tachyporus hypnorum* (Fabricius, 1775)	124	23	1	P.E., O.V., D.A., M.I., C.V., A.B., Z.N.
27.	*Tachyporus pusillus* Gravenhorst, 1806	3	-	-	C.V., M.I.
28.	*Tachyporus ruficollis* Gravenhorst, 1802	1	-	-	M.I.
29.	*Tachyporus solutus* Erichson, 1839	4	-	-	B.S., C.V.
30.	*Tachyporus transversalis* Gravenhorst, 1806	-	-	-	BACAL et al. (2013)
	Subfamily Habrocerinae Mulsant et Rey, 1877				
	Habrocerus Erichson, 1839				
1.	*Habrocerus capillaricornis* (Gravenhorst, 1806)	1	-	-	O.V., B.G.
	Subfamily Aleocharinae Fleming, 1821				
	Tribus Aleocharini Fleming, 1821				
	Aleochara Gravenhorst, 1802				
1.	*Aleochara bipustulata* (Linnaeus, 1760)	92	-	-	O.V., M.I.
2.	*Aleochara curtula* (Goeze, 1777)	88	-	-	O.V., B.S., M.I., C.V.
3.	*Aleochara grisea* Kraatz, 1856	1	-	-	B.S., M.I.
4.	*Aleochara lata* Gravenhorst, 1802	5	-	-	B.S., M.I.
5.	*Aleochara laticornis* Kraatz, 1856	-	-	-	ADASHKEVICHI (1972)
6.	*Aleochara laevigata* Gyllenhal, 1810	2	-	-	M.I.
7.	*Aleochara bilineata* Gyllenhal, 1810	-	-	-	ADASHKEVICHI (1972)
8.	*Aleochara intricata* Mannerheim, 1830	40	-	-	M.I.
9.	*Aleochara haemoptera* Kraatz, 1856	1	-	-	M.I., C.V.
10.	*Aleochara sparsa* Heer, 1839	7	-	-	M.I., C.V.
11.	*Aleochara tristis* Gravenhorst, 1806	-	-	2	Z.N.,
	Tribus Athetini Casey, 1910				
	Aloconota Thomson, 1858				
12.	*Aloconota gregaria* (Erichson, 1839)	53	-	-	M.I.
	Amischa Thomson, 1858				
13.	*Amischa nigrofusca* Stephens, 1832	1	-	-	M.I.
	Atheta Thomson, 1858				
14.	*Atheta fungi* (Gravenhorst, 1806)	2	-	-	B.S., M.I.
15.	*Atheta longicornis* (Gravenhorst, 1802)	12	-	-	O.V., M.I.
16.	*Atheta oblita* (Erichson, 1839)	43	8	-	O.V., M.I., A.B.
17.	*Atheta hypnorum* (Kiesenwetter, 1850)	6	-	-	M.I.
18.	*Atheta hygrotopora* (Kraatz, 1856)	3	-	-	M.I.
19.	*Atheta marcida* (Erichson, 1837)	-	-	-	BACAL et al. (2013)
20.	*Atheta orbata* (Erichson, 1837)	-	-	-	BACAL & DERUNKOV (2010) DERUNKOV & BACAL (2011)
21.	*Atheta picipes* (Thomson, 1856)	4	-	-	M.I.
	Dinaraea Thomson, 1858				
22.	*Dinaraea aequata* (Erichson, 1837)	-	-	-	BACAL & DERUNKOV (2010) BACAL et al. (2013)
23.	*Dinaraea angustula* (Gyllenhal, 1810)	9	-	-	O.V., M.I.
	Geostiba Thomson, 1858				
24.	*Geostiba circellaris* (Gravenhorst, 1802)	2	-	-	B.S.
	Liogluta Thomson, 1858				
25.	*Liogluta granigera* (Kiesenwetter, 1850)	34	46		M.I., A.B.
	Lyprocorrhe Thomson, 1858				
26.	*Lyprocorrhe anceps* (Erichson, 1839)	-	-	-	ADASHKEVICHI (1972)
	Nehemitropia Lohse, 1971				
27.	*Nehemitropia lividipennis* (Mannerheim, 1830)	1	-	-	O.V.
	Notothecta Thomson, 1858				
28.	*Notothecta flavipes* (Gravenhorst, 1806)	-	-	3	Z.N.
	Tribus Autaliini Thomson, 1858				
	Autalia Leach, 1819				
29.	*Autalia impressa* (Olivier, 1795)	1	-	-	O.V.
30.	*Autalia rivularis* (Gravenhorst, 1902)	1	-	-	M.I.
	Tribus Falagriini Mulsant & Rey, 1873				
	Falagria Leach, 1819				
31.	*Falagria caesa* Erichson, 1837	33	30	-	O.V., A.B.
32.	*Falagria splendens* Kraatz, 1858	-	-	-	ADASHKEVICHI (1972)
33.	*Falagria sulcatula* (Gravenhorst, 1806)	6	-	-	M.I.
34.	*Falagrioma thoracica* (Stephens, 1832)	2	-	-	B.S., C.V.
	Tribus Gymnusini Heer, 1839				
	Gymnusa Gravenhorst, 1806				
35.	*Gymnusa brevicollis* (Paykull, 1800)	3	-	-	M.I., C.V.
	Tribus Homalotini Heer, 1839				
	Bolitochara Mannerheim, 1830				
36.	*Bolitochara mulsanti* Sharp, 1875	3	-	-	M.I.
	Tribus Falagriini Mulsant & Rey, 1873				
	Anaulacaspis Ganglbauer, 1895				

37.	*Anaulacaspis nigra* (Gravenhorst, 1802)	2	-	-	M.I.
	Cordalia Jacobs, 1925				
38.	*Cordalia obscura* (Gravenhorst, 1802)	-	-	-	ADASHKEVICHI (1972)
	Tribus Homalotini Heer, 1839 *Leptusa* Kraatz, 1856				
39.	*Leptusa fumida* (Erichson, 1839)	55	-	-	O.V., M.I.
	Gyrophaena Mannerheim, 1830				
40.	*Gyrophaena joyi* Wendeler, 1924	-	-	-	BACAL & DERUNKOV (2009)
41.	*Gyrophaena pulchella* Heer, 1839	58	-	-	O.V.,
42.	*Gyrophaena affinis* Mannerheim, 1830	157	-	-	O.V., M.I.
43.	*Gyrophaena nana* (Paykull, 1800)	-	-	2	Z.N.
	Homalota Mannerheim, 1830				
44.	*Homalota plana* (Gyllenhal, 1810)	7	-	-	M.I., C.V., B.S.
	Tribus Hypocyphtini Laporte de Castelnau, 1835 *Cypha* Leach in Samouelle, 1819				
45.	*Cypha longicornis* (Paykull, 1800)	2	-	-	O.V.
	Holobus Solier, 1849				
46.	*Holobus flavicornis* (Boisdul & Lacordaire, 1835)	-	-	-	ADASHKEVICHI (1972)
	Oligota Mannerheim, 1830				
47.	*Oligota pusillima* (Gravenhorst, 1806)	-	-	-	ADASHKEVICHI (1972)
	Tribus LomechusiniFleming, 1821 *Drusilla* Leach, 1819				
48.	*Drusilla canaliculata* (Fabricius, 1787)	14	-	1	O.V., M.I. B.S., C.V., Z.N.
	Zyras Stephens, 1835				
49.	*Zyras collaris* (Paykull, 1800)	1	-	-	B.S.
50.	*Zyras haworthi* (Stephens, 1832)	1	-	-	B.S.
	Pella Stephens, 1835				
51.	*Pella humeralis* (Gravenhorst, 1802)	-	-	3	Z.N.
	Tribus Oxypodini Thomson, 1859 *Dinarda* Leach in Samouelle, 1819				
52.	*Dinarda dentata* (Gravenhorst, 1806)	-	-	4	Z.N.
	Ilyobates Kraatz, 1856				
53.	*Ilyobates mech* (Baudi di Selve, 1848)	1	-	-	B.S.
54.	*Ilyobates bennetti* Donisthorpe, 1914	2	-	-	O.V.
	Ocalea Erichson, 1837				
55.	*Ocalea badia* Erichson, 1837	1	-	-	S.R.
	Oxypoda Mannerheim, 1830				
56.	*Oxypoda acuminata* (Stephens, 1832)	92	-	-	O.V., S.R., B.S., C.V., M.I.
57.	*Oxypoda abdominalis* (Mannerheim, 1830)	1	-	-	B.G.
58.	*Oxypoda elongatula* Aube, 1850	2	-	-	M.I.
59.	*Oxypoda spectabilis* Märkel, 1845	1	-	-	M.I.
	Phloeopora Erichson, 1837				
60.	*Phloeopora teres* (Gravenhorst, 1802)	3	-	-	C.V.
	Brachyusa Mulsant & Rey, 1873				
61.	*Brachyusa concolor* (Erichson, 1839)	35	2	-	O.V., A.B.
	Ischnopoda Stephens, 1835				
62.	*Ischnopoda umbratica* (Erichson, 1837)	-	-	-	ADASHKEVICHI (1972)
63.	*Ischnopoda constricta* Erichson, 1837	15	1	-	O.V., S.R., A.B.
	Parocyusa Bernhauer, 1902				
64.	*Parocyusa rubicunda* (Erichson, 1837)	-	-	-	BACAL et al. (2013)
	Thiasophila Kraatz, 1856				
65.	*Thiasophila angulata* (Erichson, 1837)	-	-	4	Z.N.
	Oxytelinae group **Subfamily Oxytelinae Fleming, 1821** Tribus Coprophilini Heer, 1839 *Coprophilus* Latreille, 1829				
1.	*Coprophilus sriatulus* (Fabricius, 1793)	5	-	-	S.R., O.V., C.V.
2.	*Coprophilus pennifer* (Motschulsky, 1845)	-	-	-	YATSENTKOVSKIY (1912)
3.	*Coprophilus piceus* (Solsky, 1866)	-	-	-	YATSENTKOVSKIY (1912)
	Tribus Euphaniini Reitter, 1909 *Deleaster* Erichson, 1839				
4.	*Deleaster dichrous* (Gravenhorst, 1802)	-	-	-	ADASHKEVICHI (1972)
	Tribus Oxytelini Fleming, 1821 *Anotylus* Thomson, 1859				
5.	*Anotylus insecatus* (Gravenhorst, 1806)	101	-	-	O.V., S.R., C.I., M.I.
6.	*Anotylus intricatus* (Erichson, 1840)	17	-	-	O.V., S.V., M.I.
7.	*Anotylus nitidulus* (Gravenhorst, 1802)	23	-	-	M.I.
8.	*Anotylus rugosus* (Fabricius, 1775)	233	-	-	O.V., M.I.
9.	*Anotylus sculpturatus* (Gravenhorst, 1806)	72	-	-	B.S., M.I.
10.	*Anotylus tetracarinatus* (Block, 1799)	6	-	-	M.I.
	Oxytelus Gravenhorst, 1802				

11.	*Oxytelus laqueatus* (Marsham, 1802)	49	-	-	M.I., C.I.
12.	*Oxytelus piceus* (Linnaeus, 1767)	15	-	3	O.V., M.I., C.I., Z.N.
13.	*Oxytelus sculptus* Gravenhorst, 1806	191	-	-	O.V., M.I., C.I.
	Platystethus Mannerheim, 1831				
14.	*Platystethus cornutus* (Gravenhorst, 1802)	40	-	7	O.V., S.R., M.I., Z.N.
15.	*Platystethus nitens*(C. R. Sahlberg, 1832)	14	-	-	O.V., M.I.
16.	*Platystethus spinosus* Erichson, 1840	18	-	1	O.V., M.I., Z.N.
17.	*Platystethus arenarius* (Geoffroy, 1785)	31	-	-	O.V., M.I.
	Tribus Thinobiini J.Sahlberg, 1876 *Bledius* Leach, 1819				
18.	*Bledius bicornis* (Germar, 1822)	-	-	-	ADASHKEVICHI (1972)
19.	*Bledius cribricollis* Heer, 1839	1	-	-	O.V.
20.	*Bledius dissimilis* Erichson, 1840	-	-	-	YATSENTKOVSKIY (1912)
21.	*Bledius gallicus* (Gravenhorst, 1806)	4	-	-	M.I.
22.	*Bledius furcatus* (Olivier, 1811)	-	-	1	Z.N.
23.	*Bledius tricornis* (Herbst, 1784)	15	-	2	O.V., C.V., M.I., Z.N.
	Carpelimus Leach, 1819				
24.	*Carpelimus anthracinus* (Mulsant et Rey, 1861)	3	-	-	M.I.
25.	*Carpelimus corticinus* (Gravenhorst, 1806)	1	-	-	M.I.
26.	*Carpelimus fuliginosus* Gravenhorst, 1802	-	-	-	ADASHKEVICHI (1972)
27.	*Carpelimus gracilis* (Mannerheim, 1830)	-	-	-	ADASHKEVICHI (1972)
28.	*Carpelimus halophilus* (Kiesenwetter, 1844)	-	-	-	ADASHKEVICHI (1972)
29.	*Carpelimus bilineatus* (Stephens, 1834)	1	-	-	M.I.
30.	*Carpelimus pusillus* (Gravenhorst, 1802)	1	-	-	M.I.
31.	*Carpelimus nitidus* (Baudi de Selve, 1848)	-	-	-	ADASHKEVICHI (1972)
32.	*Carpelimus despectus* (Baudi de Selve, 1870)	6	-	-	M.I., C.I., S.N., D.V.
33.	*Carpelimus rivularis* (Motschulsky, 1860)	6	-	-	M.I.
34.	*Carpelimus exiguus* (Erichson, 1839)	1	-	-	M.I.
35.	*Carpelimus gusarovi* Gildenkov, 1997	-	-	-	SHAVRIN (2006)
36.	*Carpelimus elongatulus* (Erichson, 1839)	8	-	-	M.I., C.I., S.N., D.V.
37.	*Carpelimus obesus* (Kiesenwetter, 1844)	2	-	-	M.I., C.I.
	Planeustomus Jacquelin du Val, 1857				
38.	*Planeustomus heydeni* (Eppelsheim, 1884)	-	-	-	YATSENTKOVSKIY (1912)
39.	*Planeustomus palpalis* (Erichson, 1839)	2	-	-	O.V.
	Staphylininae group **Subfamily Euaesthetinae Thomson, 1859** Tribus Euaesthetini Thomson, 1859 *Euaesthetus* Gravenhorst, 1802				
1.	*Euaesthetus bipunctatus* (Ljungh, 1804)	-	-	-	DERUNKOV & BACAL (2011)
	Subfamily Oxyporinae Fleming, 1821 *Oxyporus* Fabricius, 1775				
1.	*Oxyporus rufus* (Linnaeus, 1758)	15	-	3	O.V., B.S., M.I., C.V., B.E., Z.N.
	Subfamily Scaphidiinae Latreille, 1807 Tribus Scaphidiini Latreille, 1806 **Scaphidium** Olivier, 1790				
1.	*Scaphidium quadrimaculatum* Olivier, 1790	-		8	Z.N.
2.	*Scaphisoma boleti* (Panzer, 1793)	5			B.G.
	Subfamily Steninae MacLeay, 1825 *Stenus* Latreille, 1796				
1.	*Stenus flavipalpis* Thomson, 1860	3	-	-	O.V.
2.	*Stenus ater* Mannerheim, 1830	7	-	1	O.V., M.I., Z.N.
3.	*Stenus argus* Gravenhorst, 1806	-	-	-	ADASHKEVICHI (1972)
4.	*Stenus boops* Ljungh, 1804	5	-	-	O.V., M.I.
5.	*Stenus comma* Leconte, 1863	16	-	-	S.R., M.I.
6.	*Stenus morio* Gravenhorst, 1806	3	-	-	M.I.
7.	*Stenus planifrons* Rey, 1884	2	-	-	M.I.
8.	*Stenus cicindeloides* (Schaller, 1783)	-	-	-	ADASHKEVICHI (1972)
9.	*Stenus clavicornis* Scopoli, 1863	9	-	2	O.V., S.R., M.I., Z.N.
10.	*Stenus ganglbaueri* Bernhauer, 1905	-	-	-	ADASHKEVICHI (1972)
11.	*Stenus impressus* Germar, 1824	-	-	-	ADASHKEVICHI (1972)
12.	*Stenus humilis* Erichson, 1839	4	-	-	O.V., M.I.
13.	*Stenus ochropus* Kiesenwetter, 1858	6	-	-	O.V., M.I., N.Z., C.V.
14.	*Stenus claritaris* Puthz, 1971	1	-	-	M.I.
15.	*Stenus montenegrinus* Puthz, 1972	-	-	-	NEKULISYANU (1984)
16.	*Stenus pallitarsis* Stephens, 1833	-	-	-	ADASHKEVICHI (1972)
17.	*Stenus providus* Erichson, 1839	-	-	-	ADASHKEVICHI (1972)
18.	*Stenus proditor* Erichson, 1839	-	-	-	BACAL et al. (2013)
19.	*Stenus longipes* Heer, 1839	-	-	-	BACAL et al. (2013)
	Subfamily Paederinae Fleming, 1821 Tribus Paederini Fleming, 1821 *Astenus* Dejean, 1833				
1.	*Astenus bimaculatus* (Erichson, 1840)	-	-	-	SHAVRIN (2006)

2.	*Astenus gracilis* (Paykull, 1789)	1	-	-	M.I.
3.	*Astenus lyonessius* (Joy, 1908)	-	-	-	ADASHKEVICHI (1972)
	Ochthephilum Stephens, 1829				
4.	*Ochthephilum fracticorne* (Paykull, 1800)	4	-	-	O.V., M.I.
	Leptobium Casey, 1905				
5.	*Leptobium gracile* (Gravenhorst, 1802)	8	-	-	O.V., C.V.
6.	*Leptobium dimidiatum* (Gridelli, 1926)	-	-	-	BACAL & DERUNKOV (2009)
	Achenium Leach, 1819				
7.	*Achenium depressum* (Gravenhorst, 1802)	3	-	3	S.R., O.V., Z.N.
8.	*Achenium humile* (Nicolai, 1822)	9	-	-	M.I.
	Lathrobium Gravenhorst, 1802				
9.	*Lathrobium brunnipes* (Fabricius, 1793)	21	-	-	O.V.
10.	*Lathrobium elegantulum* Kraatz, 1857	-	-	-	BACAL et al. (2013)
11.	*Lathrobium elongatum* Linnaeus, 1767	2	-	1	O.V., Z.N.
12.	*Lathrobium fovulum* Stephens, 1833	-	-	-	ADASHKEVICHI (1972)
13.	*Lathrobium fulvipenne* Gravenhorst, 1806	3	-	-	O.V.
14.	*Lathrobium furcatum* Czwalina, 1888	-	-	-	YATSENTKOVSKIY (1912) NEKULISYANU N(1984)
15.	*Lathrobium geminum* Kraatz, 1857	1	-	-	O.V.
16.	*Lathrobium longulum* Gravenhorst, 1802	4	-	-	B.S.
17.	*Lathrobium taxi* Bernhauer, 1902	39	-	-	O.V., S.R., M.I.
	Tetartopeus Czwalina, 1888				
18.	*Tetartopeus terminatus* (Gravenhorst, 1802)	-	-	-	ADASHKEVICHI (1972)
19.	*Tetartopeus quadratus* (Paykull, 1789)	11	-	2	O.V., Z.N.
20.	*Tetartopeus scutellaris* (Nordmann, 1837)	-	-	-	BACAL et al. (2013)
	Lithocharis Dejean, 1833				
21.	*Lithocharis nigriceps* Kraatz, 1859	4	-	-	O.V., M.I.
22.	*Lithocharis ochracea* (Gravenhorst, 1802)	-	-	-	ADASHKEVICHI (1972) YATSENTKOVSKIY (1912)
	Sunius Stephens, 1829				
23.	*Sunius fallax* (Lokay, 1919)	-	-	-	BACAL & DERUNKOV (2009)
24.	*Sunius melanocephalus* (Fabricius, 1793)	19	-	-	O.V., S.R.
	Medon Stephens, 1833				
25.	*Medon ferrugineus* (Erichson, 1840)	-	-	-	BACAL et al. (2013)
	Paederus Fabricius, 1775				
26.	*Paederus littoralis* Gravenhorst, 1802	9	-	-	O.V., S.R., M.I.
27.	*Paederus fuscipes* Curtis, 1826	18	-	-	O.V., P.S., M.I., C.V., B.G., C.I.
28.	*Paederus riparius* (Linnaeus, 1758)	-	-	13	Z.N.
	Scopaeus Erichson, 1839				
29.	*Scopaeus laevigatus* Gyllenhal, 1827	5	-	-	M.I.
30.	*Scopaeus longicollis* Fauvel, 1873	4	-	-	M.I.
31.	*Scopaeus minutus* Erichson, 1840	8	-	-	P.S.
32.	*Scopaeus ryei* Wollaston, 1872	-	-	-	DERUNKOV & BACAL (2011)
	Rugilus Leach, 1819				
33.	*Rugilus angustatus* Geoffroy, 1785	1	-	-	O.V.
34.	*Rugilus orbiculatus* (Paykull, 1789)	13	-	1	O.V., Z.N.
35.	*Rugilus rufipes* Germar, 1836	23	-	-	O.V., B.S., M.I.
36.	*Rugilus similis* Erichson, 1839	-	-	-	YATSENTKOVSKIY (1912)
37.	*Rugilus subtilis* Erichson, 1840	15	-	-	O.V., S.R., B.S., M.I.
	Subfamily Staphylininae Latreille, 1802 Tribus Othiini Thomson, 1859 *Atrecus* Jacquelin du Val, 1856				
1.	*Atrecus affinis* (Paykull, 1789)	1	-	-	O.V.
	Othius Stephens, 1829				
2.	*Othius punctulatus* (Goeze, 1777)	55	-	-	O.V., S.R., B.S., B.G., M.I.
	Tribus Staphylinini Latreille, 1802 *Abemus* Mulsant & Rey, 1876				
3.	*Abemus chloropterus* (Panzer, 1796)	10	-	-	O.V., C.V., M.I.
	Bisnius Stephens, 1829				
4.	*Bisnius fimetarius* (Gravenhorst, 1802)	5	-	-	O.V.
5.	*Bisnius nigriventris* (Thomson, 1867)	-	-	-	NEKULISYANU (1984)
6.	*Bisnius nitidulus* (Gravenhorst, 1802)	1	-	-	C.V.
7.	*Bisnius scribae* (Fauvel, 1867)	-	-	-	YATSENTKOVSKIY (1912)
8.	*Bisnius sordidus* (Gravenhorst, 1802)	4	-	-	O.V., M.I.
9.	*Bisnius parcus* (Sharp, 1874)	1	-	-	O.V.
	Erichsonius Fauvel, 1874				
10.	*Erichsonius cinerascens* (Gravenhorst, 1802)	5	-	-	O.V.
	Hesperus Fauvel, 1874				
11.	*Hesperus rufipennis* Gravenhorst, 1806	1	-	-	P.S.
	Gabrius Stephens, 1829				
12.	*Gabrius exspectatus* Smetana, 1952	19	-	-	O.V., S.R.
13.	*Gabrius femoralis* (Hochhuth, 1851)	11	-	-	O.V., B.S.

14.	*Gabrius nigritulus* (Gravenhorst, 1802)	31	-	-	O.V.
15.	*Gabrius osseticus* (Kolenati, 1846)	63	3	-	O.V., M.I. A.B.
16.	*Gabrius piliger* Mulsant et Rey, 1876	7	-	-	C.V., M.I.
17.	*Gabrius splendidulus* (Gravenhorst, 1802)	9	-	-	O.V.
18.	*Gabrius suffragani* Joy, 1913	51	-	-	O.V., S.R., M.I.
19.	*Gabronthus limbatus* (Fauvel, 1900)	2	-	-	M.I.
	Neobisnius Ganglbauer, 1895				
20.	*Neobisnius procerulus* (Gravenhorst, 1806)	33	-	-	O.V., S.R.
	Philonthus Stephens, 1829				
21.	*Philonthus albipes* (Gravenhorst, 1802)	83	-	-	O.V., S.R., M.I.
22.	*Philonthus addendus* Sharp, 1867	26	-	-	O.V., B.S.
23.	*Philonthus atratus* (Gravenhorst, 1802)	3	-	-	M.I.
24.	*Philonthus caucasicus* Nordmann, 1837	-	-	-	ADASHKEVICHI (1972)
25.	*Philonthus carbonarius* (Gravenhorst, 1802)	38	-	2	O.V., S.R., B.S., M.I., Z.N.
26.	*Philonthus cognatus* Stephens, 1832	11	-	1	O.V., M.I., Z.N.
27.	*Philonthus concinnus* (Gravenhorst, 1802)	20	-	-	O.V., S.R., M.I.
28.	*Philonthus confinis* A. Strand, 1941	1	-	-	M.I.
29.	*Philonthus corruscus* (Gravenhorst, 1802)	5	-	-	O.V., M.I.
30.	*Philonthus coprophilus* Jarrige, 1949	34	-	-	M.I.
31.	*Philonthus cruentatus* (Gmelin, 1790)	21	-	-	O.V., M.I.
32.	*Philonthus discoideus* (Gravenhorst, 1802)	34	-	-	M.I.
33.	*Philonthus diversiceps* Bernhauer, 1901	8	-	-	M.I.
34.	*Philonthus debilis* (Gravenhorst, 1802)	33	-	-	O.V., M.I.
35.	*Philonthus decorus* (Gravenhorst, 1802)	18	-	-	O.V., B.S., M.I.
36.	*Philonthus ebeninus* (Gravenhorst, 1802)	9	-	4	O.V., M.I., Z.N.
37.	*Philonthus intermedius* (Lacordaire, 1835)	9	-	4	O.V., S.R., Z.N.
38.	*Philonthus laevicollis* (Lacordaire, 1835)	1	-	-	M.I.
39.	*Philonthus laminatus* (Creutzer, 1799)	3	-	-	O.V., B.S.
40.	*Philonthus longicornis* Stephens, 1832	9	-	-	O.V., S.R.
41.	*Philonthus micans* (Gravenhorst, 1802)	17	-	2	O.V., M.I., Z.N.
42.	*Philonthus nitidicollis* (Lacordaire, 1835)	5	-	-	O.V.
43.	*Philonthus parvicornis* (Gravenhorst, 1802)	15	-	-	O.V., M.I.
44.	*Philonthus politus* (Linnaeus, 1758)	33	-	5	O.V., S.R., Z.N
45.	*Philonthus punctus* (Gravenhorst, 1802)	9	-	1	O.V., Z.N.
46.	*Philonthus quisquiliarius* (Gyllenhal, 1810)	88	-	-	O.V., M.I.
47.	*Philonthus rectangulus* Sharp, 1874	167	-	-	O.V., M.I., C.I.
48.	*Philonthus rubripennis* Stephens, 1832	-	-	-	ADASHKEVICHI (1972)
49.	*Philonthus rufipes* (Stephens, 1832)	37	-	-	O.V., M.I.
50.	*Philonthus salinus* Kiesenwetter, 1844	17	-	2	O.V., M.I., Z.N.
51.	*Philonthus sanguinolentus* (Gravenhorst, 1802)	2	-	-	M.I.
52.	*Philonthus spinipes* Sharp, 1874	41	-	-	O.V., B.S., M.I., C.V.
53.	*Philonthus splendens* (Fabricius, 1793)	6	-	-	O.V.
54.	*Philonthus succicola* C.G.Thomson, 1860	35	-	-	O.V., B.S., M.I.
55.	*Philonthus temporalis* Mulsant et Rey, 1853	9	-	-	O.V., M.I.
56.	*Philonthus tenuicornis* Mulsant et Rey, 1853	79	-	-	O.V., B.S., M.I., C.V.
57.	*Philonthus umbratilis* (Gravenhorst, 1802)	11	-	-	O.V., S.R., M.I.
58.	*Philonthus varians* (Paykull, 1789)	28	-	2	O.V., M.I., Z.N.
59.	*Philonthus ventralis* (Gravenhorst, 1802)	24	-	-	O.V., M.I.
60.	*Philonthus virgo* Gravenhorst, 1802	-	-	-	YATSENTKOVSKIY (1912)
	Astrapaeus Gravenhorst, 1802				
61.	*Astrapaeus ulmi* (Rossi, 1790)	16	-	4	O.V., D.A., M.I., C.V., Z. N.
	Heterothops Stephens, 1829				
62.	*Heterothops dissimilis* (Gravenhorst, 1802)	24	31	-	O.V., S.R., M.I. A.B.
63.	*Heterothops quadripunctulus* (Gravenhorst, 1806)	-	-	-	ADASHKEVICHI (1972)
64.	*Heterothops niger* Kraatz, 1868	-	-	-	ADASHKEVICHI (1972)
	Quedius Stephens, 1829				
65.	*Quedius balticus* Korge 1960	1	-	-	O.V.
66.	*Quedius cinctus* (Paykull, 1790)	4	-	-	O.V., M.I., C.V.
67.	*Quedius cruentus* (Olivier, 1795)	9	-	-	O.V., M.I., C.V.
68.	*Quedius lateralis* Gravenhorst, 1802	4	3	-	O.V., A.B.
69.	*Quedius fulgidus* (Fabricius, 1793)	-	-	4	Z.N.
70.	*Quedius invreae* Gridelli, 1924	1	-	-	M.I.
71.	*Quedius maurus* (C.R. Sahlberg, 1830)	-	-	-	ADASHKEVICHI (1972)
72.	*Quedius mesomelinus* (Marsham, 1802)	-	-	-	ADASHKEVICHI (1972)
73.	*Quedius ochripennis* (Menetries, 1832)	7	-	-	O.V., M.I.
74.	*Quedius ochropterus* Erichson, 1839	-	-	-	BACAL et al. (2013)
75.	*Quedius tenellus* (Gravenhorst,1806)	2	-	-	O.V., C.V.
76.	*Quedius fuliginosus* (Gravenhorst, 1802)	9	-	-	O.V.
77.	*Quedius molochinus* (Gravenhorst, 1806)	-	-	-	NEKULISYANU (1984)
78.	*Quedius humeralis* Stephens, 1832	-	-	-	ADASHKEVICHI (1972)
79.	*Quedius limbatus* (Heer, 1839)	6	-	-	O.V.

80.	*Quedius lucidulus* (Erichson, 1839)	-	-	-	ADASHKEVICHI (1972)
81.	*Quedius nemoralis* Baudi di Selve, 1848	37	-	-	O.V., N.Z., M.I.
82.	*Quedius nitipennis* (Stephens, 1833)	-	-	-	BACAL et al. (2013)
83.	*Quedius picipes* (Mannerheim, 1830)	1	2	-	O.V., A.B.
84.	*Quedius suturalis* Kiesenwetter, 1845	-	-	-	BACAL & DERUNKOV (2009)
85.	*Quedius umbrinus* Erichson, 1839	-	-	-	ADASHKEVICHI (1972)
	Velleius Leach in Samouelle, 1819				
86.	*Velleius dilatatus* (Fabricius, 1787)	2	-	-	C.V.
	Creophilus Leach in Samouelle, 1819				
87.	*Creophilus maxillosus* (Linnaeus, 1758)	5	-	6	O.V., N.I., Z.N.
	Dinothenarus Thomson, 1858				
88.	*Dinothenarus pubescens* (De Geer, 1774)	-	-	-	BACAL et al. (2013)
	Emus Leach, 1819				
89.	*Emus hirtus* (Linnaeus, 1758)	1	-	-	O.V.
	Ocypus Leach in Samouelle, 1819				
90.	*Ocypus brunnipes* (Fabricius, 1781)	-	-	-	YATSENTKOVSKIY (1912)
91.	*Ocypus nitens* (Schrank, 1781)	20	-	-	B.S., M.I., C.V.
92.	*Ocypus olens* (O. Muller, 1764)	-	-	-	NEKULISYANU (1984)
93.	*Ocypus ophtalmicus* (Scopoli, 1763)	4	-	-	B.S., M.I.
94.	*Ocypus fulvipennis* Erichson, 1840	1	-	-	O.V.
95.	*Ocypus picipennis* (Fabricius, 1793)	2	1	-	O.V., M.I., A.B.
96.	*Ocypus tenebricosus* (Gravenhorst, 1846)	29	-	4	O.V., V.B., P.S., Z.N.
97.	*Ocypus kuntzeni* (G. Muller, 1926)	82	-	-	M.I., C.I.
98.	*Ocypus curtipennis* Motschulsky, 1849	2	-	-	M.I., C.I.
	Ontholestes Ganglbauer, 1895				
99.	*Ontholestes haroldi* (Eppelsheim, 1884)	24	-	-	O.V., S.R., B.S., M.I.
100.	*Ontholestes murinus* (Linnaeus, 1758)	64	13	1	O.V., M.I., C.V. A.B., Z.N.
101.	*Ontholestes tesselatus* (Geoffroy, 1785)	2	-	-	B.S., M.I.
	Platydracus Thomson, 1858				
102.	*Platydracus chalcocephalus* (Fabricius, 1801)	10	3	-	O.V., P.S., S.R., A.B., M.I.
103.	*Platydracus fulvipes* (Scopoli, 1763)	3	-	-	B.S., M.I.
104.	*Platydracus latebricola* (Gravenhorst, 1806)	2	-	-	B.S., M.I.
105.	*Platydracus stercorarius* (Olivier, 1794)	8	-	-	O.V., M.I., C.V., D.V.
	Staphylinus Linnaeus, 1758				
106.	*Staphylinus caesareus* Cederhjelm, 1798	7	2	3	P.S., O.V., B.S., M.I., Z.N., A.B., M.V.
107.	*Staphylinus erythropterus* Linnaeus, 1758	24	1	5	O.V., S.R., N.Z., A.B., Z.N.
	Tasgius Stephens, 1829				
108.	*Tasgius globulifer* (Geoffroy, 1785)	1	-	-	M.I.
109.	*Tasgius melanarius* (Heer, 1839)	1	-	-	N.Z.
110.	*Tasgius morsitans* (Rossi, 1790)	3	-	-	M.I., C.V.
111.	*Tasgius winkleri* (Bernhauer, 1906)	9	-	-	B.S., C.V.
112.	*Tasgius ater* (Gravenhorst, 1802)	-	-	-	MEDVEDEV & SHAPIRO (1957) YATSENTKOVSKIY (1912)
113.	*Tasgius pedator* (Gravenhorst, 1802)	3	-	-	B.S., C.V., M.I.
	Tribus Xantholinini Erichson, 1839 *Gauropterus* Thomson, 1860				
114.	*Gauropterus fulgidus* (Fabricius, 1787)	3	-	-	M.I., C.V.
	Gyrohypnus Leach in Samouelle, 1819				
115.	*Gyrohypnus angustatus* Stephens, 1833	13	-	-	O.V., N.Z.
116.	*Gyrohypnus fracticornis* (O. Mueller, 1776)	56	-	-	O.V., M.I.
117.	*Gyrohypnus liebei* Scheerpeltz, 1926	3	-	-	M.I.
	Leptacinus Erichson, 1839				
118.	*Leptacinus batychrus* (Gyllenhal, 1827)	120	-	-	O.V., M.I.
119.	*Leptacinus intermedius* Donisthorpe, 1936	1	-	-	M.I.
120.	*Leptacinus sulcifrons* (Stephens, 1833)	1	-	-	M.I.
	Megalinus Mulsant & Rey, 1877				
121.	*Megalinus flavocinctus* Hochhuth, 1849	2	-	-	M.I.
	Phacophallus Coiffait, 1956				
122.	*Phacophallus parumpunctatus* (Gyllenhal, 1827)	1	-	-	M.I.
	Stenistoderus Jacquelin du Val, 1856				
123.	*Stenistoderus cephalotes* (Kraatz, 1858)	1	-	-	M.I.
	Xantholinus Dejean, 1821				
124.	*Xantholinus distans* Mulsant et Rey, 1853	4	-	-	O.V., N.Z.
125.	*Xantholinus linearis* (Olivier, 1795)	4	-	2	O.V., Z.N.
126.	*Xantholinus fortepunctatus* Motschulsky, 1860	-	-	-	ADASHKEVICHI (1972) SHAVRIN (2006)
127.	*Xantholinus dvoraki* Coiffait, 1956	2	-	-	O.V., M.I.
128.	*Xantholinus decorus* Erichson, 1839	2	-	-	M.I., C.V.
129.	*Xantholinus tricolor* (Fabricius, 1787)	30	-	-	O.V., N.Z., M.I.
	Subfamily Pselaphinae Latreille, 1802 Tribus Pselaphini Latreille, 1802 *Pselaphus* Herbst, 1792				

1.	*Pselaphus heisei* Herbst, 1792	1	-	-	M.I.
	Tribus Brachyglutini Raffray, 1904 *Reichenbachia* Leach, 1825				
2.	*Reichenbachia juncorum* Leach, 1817	-	-	2	Z.N.
	Tribus Clavigerini Leach, 1815 *Claviger* Preyssler, 1790				
3.	*Claviger longicornis* Muller, 1818	-	-	4	Z.N.

Legend: Museums: **EMIZ** – Entomological Museum of Institute of Zoology, **IGPPP** – Entomological Collection of the Institute of Genetics, Physiology and Plant Protection, **N.Z. NMENH** – the "N. Zubowsky Entomological Collection" of the National Museum of Ethnography and Natural History;
Collectors: Z.N. – Zubowsky N., A.B. – Adașchevici B., M.V. – Matiuc V., N.I. – Nedbailov I., V.B. – Vereșceaghin B., D.A. – Dănilă A., O.V. – Ostaficiuc V., P.S. – Plugaru S., S.R. – Stepanov R., S.V. – Stratan V., D.V. – Derjanschi V., N.Z – Neculiseanu Z., C.I – Chiriac I., B.G – Bușmachiu G., B.S – Bacal S., M.I. – Mihailov I., S.N. – Stahi N., C.V. – Ciubcic V.

The research carried out on the rove beetle diversity is materialized in the inventory of 337 species. Most of these species – 129 from 28 genera – belong to Staphylininae subfamilies, also 65 species, 34 genera and 11 tribes belong to Aleocharinae. A reduced diversity – by one species – is observed in Proteininae, Habrocerinae, Euaesthetinae and Oxyporinae subfamilies (Table 2).

Table 2. Numerical rate of the species, genera and tribes in subfamilies and groups.

GROUP	Subfamilies	Species	Genera	Tribes
OMALIINE	Omaliinae	9	6	2
	Proteininae	1	1	1
TACHYPORIANE	Tachyporinae	30	8	2
	Habrocerinae	1	1	0
	Aleocharinae	65	34	11
OXYTELINAE	Oxytelinae	39	8	4
STAPHYLININAE	Euaesthetinae	1	1	1
	Oxyporinae	1	1	0
	Scaphidiinae	2	1	1
	Steninae	19	1	0
	Paederinae	37	12	1
	Staphylininae	129	28	3
	Pselaphinae	3	3	3
	TOTAL	**337**	**105**	**29**

DISCUSSIONS

As a result of an assiduous review of published literature of fauna of rove beetles from the Republic of Moldova, it was established that 76 species, 8 genera: *Lyprocorrhe*, *Cordalia*, *Holobus*, *Oligota Parocyusa* (Aleocharinae); *Deleaster* (Oxytelinae), *Euasthetinae* (Euaeasthetinae); *Medon* (Paedarinae); *Dinothenarus* (Staphylininae), a Euphaniini (Oxytelinae) tribe and Euaeasthetinae subfamily was not found in any collections. In the future, the specimens of these species will be collected and placed by the coleopterists in the Entomological Collection of MIZ (Tables 1; 3). After reviewing and determining the data from Entomological Collections, we have identified 4840 specimens of 261 species, 96 genera and 27 tribes of which most are included in Staphylininae (109), Aleocharinae (52) and in Oxytelinae subfamily (28) (Table 5). Most genres belong to Aleocharinae - 29, Staphylininae - 27 and Paederinae subfamily - 11 (Table 3).

At the present moment, in the Entomological Collection of MIZ are stored 44 boxes with 4527 rove beetle specimens (Fig. 1). The studied entomological material belongs to 248 species, 90 genera and 12 subfamilies (Fig. 3).

Table 3. Numerical distribution of studied rove beetle species on subfamilies and tribes from Entomological Collections and missing but published as present for Republic of Moldova.

Group	Subfamily	Species		Genera		Tribes	
		Museums	Literature	Museums	Literature	Museums	Literature
Omaliine	**Omaliinae**	8	1	6	1	2	0
	Proteininae	1	0	1	0	1	0
Tachyporiane	**Tachyporinae**	22	8	8	4	2	2
	Habrocerinae	1	0	1	0	0	0
	Aleocharinae	52	13	29	11	11	7
Oxytelinae	**Oxytelinae**	28	11	7	5	3	3
Staphylininae	**Euaesthetinae**	0	1	0	1	0	0
	Oxyporinae	1	0	1	0	0	0
	Scaphidiinae	2	0	1	0	1	0
	Steninae	10	9	1	1	0	0
	Paederinae	24	13	11	9	1	1
	Staphylininae	109	20	27	8	3	2
	Pselaphinae	3	0	3	0	3	0
	TOTAL	**261**	**76**	**96**	**40**	**27**	**15**
	TOTAL	**336**		**105**		**28**	

The maximum number of taxa includes the Staphylininae subfamily – 1971 specimens included in 107 species, 27 genera and 3 tribes; the Aleocharinae subfamily with 905 specimens of 46 species, 25 genera and 11 tribes; the Oxytelinae with 866 specimens of 27 species, 7 genera and 3 tribes (Table 4). The fewest specimens in the Entomological Collection of MIZ that have been determined belong to the Proteininae and Scaphidiinae subfamilies which are represented by five specimens each, and Habrocerinae and Pselaphinae just by one (Tables 1; 5). In addition, this collection includes subfamilies represented only by one species (Tables 1; 5). Therefore, the Proteininae, Habrocerinae and Oxyporinae subfamilies that are presented just in EMIZ have only one species (Table 4).

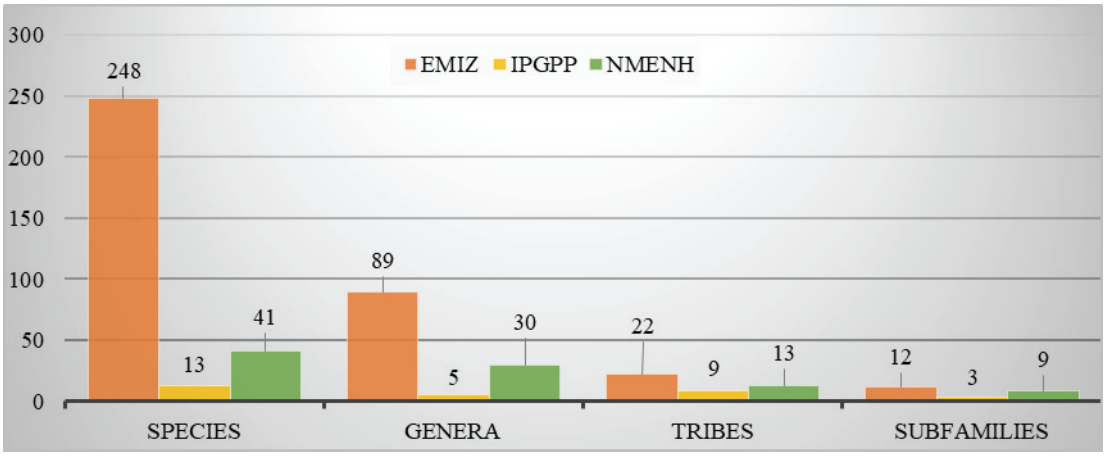

Figure 3. Distribution of Staphylinidae family taxa from the Entomological Collections of MIZ, IPGPP and NMEHN.

The rove beetle species stored in the Entomological Collections of MIZ were collected in more than 200 collecting sites by: Ostaficiuc V., Plugaru S., Stepanov R., Netbailov I., Vereșceaghin B., Dănilă A., Stratan V., Derjanschi V., Neculiseanu Z., Chiriac I., Bușmachiu G., Bacal S., Stahi N., Ciubcic I., Mihailov I. (Table 1).

The 186 specimens of Staphylinidae beetles stored in the Entomological Collection of IPGPP belong to three subfamilies: Tachyporinae, Aleocharinae and Staphylininae, 13 genera, 16 species (fig. 3), the most belonging to the Staphylininae subfamily (nine), and five tribes (Table 4). Most specimens represented the Aleocharinae subfamily - 87, Staphylininae - 59 and Tachyporinae - 40 individuals (Tables 1; 5). The entomological material was collected from nine sites: Sucleia, Răscăieţi, Dondușeni, Călărași, Căpriana, Șipoteni, Orhei, Pîrlița, Cotovsc (now Hîncești) by Adașchevici B. and Maţiuc V. (Table 1).

Table 4. Taxonomic composition of of studied rove beetle species on subfamilies and tribes from Entomological Collections.

Subfamilies	Entomological Collections								
	EMIZ			IGPPP			N. Z. (NMENH)		
	Species	Genera	Tribes	Species	Genera	Tribes	Species	Genera	Tribes
Omaliinae	8	6	1	0	0	0	0	0	0
Proteininae	1	1	0	0	0	0	0	0	0
Tachyporinae	22	8	1	2	1	1	2	2	1
Habrocerinae	1	1	0	0	0	0	0	0	0
Aleocharinae	46	25	11	5	5	3	7	7	5
Oxytelinae	27	6	3	0	0	0	5	3	2
Euaesthetinae	0	0	0	0	0	0	0	0	0
Oxyporinae	1	1	0	0	0	0	1	1	0
Scaphidiinae	1	1	1	0	0	0	1	1	1
Steninae	10	1	0	0	0	0	1	1	0
Paederinae	23	11	1	0	0	0	5	5	1
Staphylininae	107	27	3	9	7	1	17	8	1
Pselaphinae	1	1	1	0	0	0	2	2	2
TOTAL	**248**	**89**	**22**	**16**	**13**	**5**	**41**	**30**	**13**

The NMENH hosts two ancient Entomological Collections: “N. Zubowsky” and “R. Stepanov”. We have reviewed the entomological materials with rove beetles of the “N. Zubowsky Entomological Collection” (Fig. 2).

Most of the rove beetle specimens of this collection belong to the Staphylininae subfamily (52 out of 127) belonging to 17 species; also, other 20 specimens belong to five species of Paederinae subfamily. Generally, these 127 specimens stored in this collection are affiliated to 42 species, 30 genera and 9 subfamilies (Fig. 3): Tachyporinae, Aleocharinae, Oxytelinae, Oxyporinae, Scaphidiinae, Steninae, Paederinae, Staphylininae and Pselaphinae (Tables 4; 5). The specimens were collected from the Chișinău, Dănceni, Bender, Onișcani, Cornești sites (Table 1).

How it is shown in table 5, most specimens of the Staphylinidae family were determined in the Entomological Collection of MIZ – 4527, then in the Entomological Collection of IGPPP – 186 and finally in the the "N. Zubowsky Entomological Collection" of NMENH (Table 5).

Most specimens belong to the Staphylininae subfamily with 1971 individuals in the MIZ, 59 – in the IGPPP and respectively 52 in the "N. Zubowsky Entomological Collection"of NMENH; also Aleocharinae with 905, 87 and 19 specimens.

Table 5. Distribution of the Staphylinidae specimens from the Entomological Collections of MIZ, IGPPP and NMENH.

Subfamilies	Entomological Collections		
	EMIZ	IGPPP	NMENH
Omaliinae	109	0	0
Proteininae	5	0	0
Tachyporinae	368	40	2
Habrocerinae	1	0	0
Aleocharinae	905	87	19
Oxytelinae	866	0	14
Oxyporinae	15	0	3
Scaphidiinae	5	0	8
Steninae	56	0	3
Paederinae	225	0	20
Staphylininae	1971	59	52
Pselaphinae	1	0	6
TOTAL	**4527**	**186**	**127**

The largest patrimony of staphylinids species (Staphylinidae, Coleoptera) is preserved in the Entomological Collection of MIZ – 248 species, of 89 genera and 22 tribes. The fewest species are stored in the Entomological Collection IGPPP, just 13. Also, in the MIZ there are presented specimens of 12 families and in the N. Z. (NMENH) – nine, while in the IGPPP – 3 (Fig. 3; Table 4).

CONCLUSIONS

This is the first study on the Staphylinidae (Coleoptera) from the Entomological Collections of the Institute of Zoology, Institute of Genetics, Physiology and Plant Protection, National Museum of Ethnography and works related to the country's rove beetle fauna.

These preliminary studies led to the identification of 336 rove beetle species, grouped in 105 genera, 29 tribes and 13 subfamilies.

As a result of the literature review on rove beetle fauna from the Republic of Moldova, specimens of 76 species, 9 genera and Euaeasthetinae subfamily were not found in any collections.

The processing and determining of these three collections led to the identification of 261 rove beetle species belonging to 96 genera and 27 tribes.

We established that the biggest patrimony of staphylinids species (Staphylinidae, Coleoptera) is conserved in the Entomological Collection of MIZ in 44 boxes with 4660 rove beetle specimens belonging to 329 species, 108 genera and 12 subfamilies: Omaliinae, Proteininae, Tachyporinae, Habrocerinae, Aleocharinae, Oxytelinae, Oxyporinae, Scaphidiinae, Steninae, Paederinae, Staphylininae and Pselaphinae. The maximum number of taxa is seen in the Staphylininae subfamily – 1971 specimens included in 107 species, and 905 specimens of 46 species from Aleocharinae subfamily.

We consider that further taxonomic studies on the Staphylinidae are needed in order to know their real diversity and distribution, and complement the collection of the museum heritage with the species that were reported in the literature but miss from the museum heritage.

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