

# REVISED AND COMMENTED CHECKLIST OF MAMMAL SPECIES OF THE ROMANIAN FAUNA

DUMITRU MURARIU

*Abstract.* Due to the permanent influences of different factors (habitat degradation and fragmentation, deforestation, infrastructure and urbanization, natural extension or decreasing of some species' distribution, increasing number of alien species etc.), from time to time the faunistic structure of a certain area is changing. As a result of the permanent and increasing anthropic and invasive species' pressure, our previous checklist of recent mammals from Romania (since 1984) became out of date. A number of 108 taxa are mentioned in this checklist, representing 7 orders of mammals: Insectivora (10 species), Chiroptera (30 sp.), Lagomorpha (2 sp.), Rodentia (35 sp.), Cetacea (3 sp.), Carnivora (19 sp.), Artiodactyla (8 sp.). In this list are mentioned the scientific and vernacular names (in Romanian and English languages), species distribution and conservation status, according to the Romanian regulations. Thus, only 21 species have stable populations while 76 have populations in decline or in drastic decline. Other categories are not evaluated or even present an increase in their population.

*Key words:* species and subspecies, recent mammals, distribution, conservation.

## 1. INTRODUCTION

MURARIU published '*La Liste de Mammifère actuels de Roumanie; noms scientifiques et Roumains*' in 1984. That moment represented an astonishing progress in the knowledge of mammals, only in two decades. A number of 3,500 species (belonging to 1,000 genera) were reported by DAVID & GOLLEY (1965) and 4,170 species were reported by HONACKI *et al.* (1982). Description of new mammal species is continuing, and WILSON & REEDER DEEANN (2005) presented "... *the taxonomic classification and distribution of the more than 5,400 species of mammals that exist today*".

Not only is the number of recently described mammal species impressive. Many of them were revised and the status of some species was changed. Others were synonymized and today we must use their widest accepted names. On the other hand, changes were not only at the species level, but at the higher taxa too.

Referring to the mammal species from Romania, there are also some important changes in their distribution, reintroduction of species extinct in historical times, species newly reported for the Romanian fauna and not least – some introduced species (MURARIU & CHIȘAMERA, 2004) and escaped (e.g. from fur-farms), and adapted to living free, in many cases competing with the autochthonous fauna. New studies highlighted the taxonomic statute of different species mentioned in our previous Checklist (MURARIU, 1984).

*Erinaceus europaeus*, reported in the former Romanian literature (MURARIU, 1984, p. 253) is an example; through cytogenetic analysis on hedgehog (Gavrila *et al.*, 1998) it was established, in fact, the presence of *E. concolor*.

Among bats there are several important changes, some new reported species: *Pipistrellus kuhlii* and *P. pygmaeus* (GHEORGHIU & MURARIU, 2002), *Hypsugo savii* (RĂDULEȚ, 1996), *Myotis alcathoe* first reported in the Vârghiș Gorge – Eastern Carpathians (JÉRE & DÓCZY, 2007) and later from Apuseni Mts. (OHLENDORF & HOFFMANN, 2009), from Southern Carpathians (BENDA *et al.*, 2012; MĂRGINEAN, 2012), and from Tăușoare Cave – Rodna Mts. (UHRIN *et al.*, 2014).

There was an example of excluded species from the previous checklist (e.g. *Myotis ikonnikovi*). On the other hand, we have adopted CORBET's point of view (1978), including *Eptesicus sodalis* in *E. serotinus*, and *Myotis oxygnathus* included in *M. blythii*.

In the Order Rodentia we have added *Castor fiber* as the species was reintroduced in 1998. Starting with less than 100 specimens released in the Olt, Mureș and Ialomița rivers, today there are stable populations, with more than 2000 individuals – some of them being already reported from the Danube Delta. The name of family Gliridae is replaced with Myoxidae. *Clethrionomys* became *Myodes* and, instead of *Pitymys subterraneus*, we have adopted the name *Microtus subterraneus*. Also, based on molecular biology (CHIȘAMERA *et al.*, 2014) it was revised and confirmed the presence of the Bukovina blind mole rat – *Spalax graecus* in the Romanian fauna; its distribution is limited only to the Eastern part of the country, and in the Republic of Moldova and Ukraine.

New information appeared about some species with the occasion of printing the Fascicles of the Romanian Fauna academic series: Insectivora (MURARIU, 2000a); Rodentia (POPESCU & MURARIU, 2001), Chiroptera (VALENCIUC, 2003); Lagomorpha, Cetacea and Artiodactyla (MURARIU, 2004); Carnivora (MURARIU & MUNTEANU, 2005).

Valuable information about the vernacular names and distribution of mammal species (**D**) we have found in monographs of the group: SIMPSON (1945), ELLERMAN & MORISSON-SCOTT (1966), WILSON & REEDER DEEANN (1993 and 2005), STARK (1995a, 1995b), MITCHELL-JONES *et al.* (1999), HORÁČEK *et al.* (2000).

Finally, in this list is included information on the conservation statute (**C**) of the reported mammal species from the Romanian fauna (MURARIU, 2000a, MURARIU, 2000b), trends of populations, the national regulations to protect mammalian fauna and the Red Book of Vertebrates from Romania (MURARIU, 2005).

## 2. RESULTS

Class MAMMALIA Linnaeus, 1758  
Subclass THERIA Parker and Haswell, 1897  
Infraclass EUTHERIA Gill, 1872

Order INSECTIVORA Bowdich, 1821

**Family Erinaceidae** Bonaparte, 1838

Genus *Erinaceus* Linnaeus, 1758

*Erinaceus concolor* Martin, 1838

RO = Ariciul răsăritean. EN = Eastern European Hedgehog; Southern White-breasted Hedgehog.

**D:** Palearctic species, from Eastern Europe to Transcaucasia and southern Siria.

In the Romanian fauna there is the subspecies *Erinaceus c. romanicus* Kratochvil, 1975.

**C:** Population stable. Not protected.

**Family Talpidae** Gray, 1825

Genus *Talpa* Linnaeus, 1758

*Talpa europaea* Linnaeus, 1758

RO = Cârțița. EN = Common Mole.

**D:** Palearctic species, from Southern Sweden to Siberian Altai and in Mongolia.

In the Romanian fauna there is the subspecies *Talpa e. europaea* Linnaeus, 1758.

**C:** Population stable. Not protected.

*Talpa caeca* Savi, 1822

RO = Cârțița mică; cârțița mediteraneeană; cârțița oarbă. EN = Mediterranean Mole.

**D:** Western Palearctic species, from Portugal to Greece, Asia Minor and Caucasus.

**C:** Population stable. Not protected. (Endemic species for Europe).

**Family Soricidae** Gray, 1821

Genus *Sorex* Linnaeus, 1758

*Sorex araneus* Linnaeus, 1758

RO = Chițcanul comun; chițcanul de pădure. EN = Common Shrew.

**D:** Palearctic species, from Britain and Norway up to China and Kurile Islands.

In the Romanian fauna there is the subspecies *Sorex araneus tetragonurus* Hermann, 1780.

**C:** Population stable. Not protected.

*Sorex minutus* Linnaeus, 1766

RO = Chițcanul pitic; chițcanul colorat. EN = Pygmy Shrew.

**D:** Palearctic species from Ireland to Far East.

In the Romanian fauna there is the subspecies *Sorex m. minutus* Linnaeus, 1766.

**C:** Population stable. Not protected.

*Sorex alpinus* Schinz, 1837

RO = Chițcanul de munte; chițcanul alpin. EN = Alpine Shrew.

**D:** Western Palearctic species, from France to Poland and Romania.

In the Romanian fauna there is the subspecies *Sorex a. alpinus* Schinz, 1837.

**C:** Population in decline. Vulnerable – Near threatened species. Species endemic for Europe. Annex No. 4B of the OUG 57/2007 (Emergency Ordinance of the Romanian Government on the protected natural areas, natural habitats conservation, of wild flora and fauna in Romanian).

Annex No. 4B of the OUG 57/2007. RVBR/2005 (Red Book of Vertebrates from Romania/2005 (in Romanian)).

*Neomys fodiens* (Pennant, 1771)

RO = Chițcanul de apă. EN = European Water Shrew.

**D:** Northern Palearctic, from Britain to Kazakhstan and Asia Minor.

In the Romanian fauna there is the subspecies *Neomys f. fodiens* (Pennant, 1771).

**C:** Population in decline. Vulnerable toward near threatened species. RVBR/2005.

*Neomys anomalus* Cabrera, 1907

RO = Chițcanul de mlaștină. EN = Mediterranean Water-Shrew.

**D:** Western Palearctic species, from Spain to Ukraine and in Asia Minor.

In the Romanian fauna there is the subspecies *Neomys a. milleri* Mottaz, 1907.

**C:** Population in decline. Threatened species. The species needs monitoring. Annex No. 4B of the OUG 57/2007. Annex No. 4B of the OUG 57/2007. RVBR/2005.

Genus *Crocidura* Wagler, 1832

*Crocidura leucodon* (Hermann, 1780)

RO = Chițcanul de câmp; chițcanul cu dinți albi; cârticioara. EN = Bicolor White-toothed Shrew.

**D:** Palearctic species, from Netherland to Central Siberia and in Asia Minor.

In the Romanian fauna there is the subspecies *Crocidura l. leucodon* (Hermann, 1780).

**C:** Population in decline. Vulnerable species. RVBR/2005.

*Crocidura suaveolens* (Pallas, 1811)

RO = Chițcanul de grădină. EN = Lesser White-toothed Shrew.

**D:** Palearctic species, from Germany to China, in Northern Africa and in Asia Minor.

In the Romanian fauna there is the subspecies *Crocidura s. mimula* Miller, 1901.

**C:** Population in decline. Vulnerable species. Endemic species for Europe. RVBR/2005 (Red Book of Vertebrates from Romania/2005).

Order CHIROPTERA Blumenbach, 1779

Suborder MICROCHIROPTERA Dobson, 1875

Family **Rhinolophidae** Bell, 1836

Genus *Rhinolophus* Lacépède, 1799

*Rhinolophus ferrumequinum* (Schreber, 1774)

RO = Liliacul mare cu nas potcoavă. EN = Greater Horseshoe Bat

**D:** South Palearctic species from temperate Eurasian areas, over China to Japan.

**C:** Population in drastic decline. Endangered species. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RVBR/2005.

*Rhinolophus hipposideros* (Bechstein, 1800)

RO = Liliacul mic cu nas potcoavă. EN = Lesser Horseshoe Bat

**D:** West Palearctic species from Ireland to Afghanistan and Northern Africa.

**C:** Population in drastic decline. Endangered species. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RVBR/2005.

*Rhinolophus euryale* Blasius, 1853

RO = Liliacul mediteranean cu nas potcoavă. EN = Mediterranean Horseshoe Bat.

**D:** South-West Palearctic species from Portugal to Iran and NW of Africa.

**C:** Population in drastic decline. Endangered species. European species. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RVBR/2005.

*Rhinolophus blasii* Peters, 1867

RO = Liliacul lui Blasius. EN = Blasius' Horseshoe Bat.

**D:** South Palearctic and Afrotropical regions, from South-East Europe to Pakistan and NW of Africa.

**C:** Population in drastic decline. Endangered species. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RVBR/2005.

*Rhinolophus mehelyi* Matschie, 1901

RO = Liliacul lui Méhely. EN = Mehely's Horseshoe Bat.

**D:** South-Western Palearctic species from Portugal to Caucasus and NW of Africa.

**C:** Population in drastic decline. Endangered species. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RVBR/2005.

Family **Vespertilionidae** Gray, 1821

Genus *Myotis* Kaup, 1829

*Myotis alcathoe* (von Helversen & Heller, 2001).

In Eastern Carpathians (since 2007) and Southern Carpathians since (2012).

RO = Miniopterul pitic; liliacul Alcathoe. EN = Alcathoe Whiskered Bat.

**D:** South-Western Palearctic species, from Greece over South-Eastern Europe.

**C:** Relatively recently reported in the Romanian fauna. Small population. Not exactly evaluated. Annex No. 4A of the OUG 57/2007 (“all bat species”).

*Myotis myotis* (Borkhausen, 1797)

RO = Liliacul mare cu urechi de șoarece; liliacul mare cu bot ascuțit. EN = Greater mouse-eared bat.

**D:** Western Palearctic species, from South England to Israel.

**C:** Population in drastic decline. Endangered species. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RVBR/2005.

*Myotis bechsteinii* (Kuhl, 1818)

RO = Liliacul cu urechi late; liliacul lui Bechstein. EN = Bechstein's Bat.

**D:** Western Palearctic species, from South England to the Mediterranean countries.

**C:** Population in drastic decline. Endangered species. European species. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RVBR/2005.

*Myotis blythii* (Tomes, 1857). Include *M. oxygnathus* (Monticelli, 1885); see CORBET, 1978 (page 50) and HONACKI and col., 1982 (page 185)

RO = Liliacul mic cu urechi de șoarece. EN = Lesser Mouse-eared Bat.

**D:** Southern Palearctic species, from Portugal to North-East China and in Northern areas of Africa.

**C:** Population in drastic decline. Endangered species. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RVBR/2005.

*Myotis brandtii* (Eversmann, 1845)

RO = Liliacul mare mustăcios. EN = Brandt's Bat.

**D:** Northern Palearctic species from South Scotland and England to Eastern Siberia.

**C:** Population in decline. Vulnerable species. Species endemic for Europe. Annex No. 4A of the OUG 57/2007. RVBR/2005.

*Myotis capaccinii* (Bonaparte, 1837)

RO = Liliacul cu picioare lungi; liliacul cu degete lungi. EN = Long-fingered Bat.

**D:** South-Western Palearctic species from Spain to Uzbekistan.

**C:** Population in decline. Vulnerable species. European species. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RVBR/2005.

*Myotis dasycneme* (Boie, 1825)

RO = Liliacul de iaz; liliacul de baltă. EN = Pond bat.

**D:** Mostly Northern Palearctic species from Southern Scandinavia to Manchuria.

**C:** Population in drastic decline. Endangered species. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RVBR/2005.

*Myotis daubentonii* (Kuhl, 1817)

RO = Liliacul de apă; Liliacul lui Daubenton. EN = Water Bat; Daubenton's Bat.

**D:** Northern Palearctic species from Ireland to Japan and Northern Oriental region.

**C:** Population in decline. Vulnerable species. Annex No. 4A of the OUG 57/2007. RVBR/2005.

*Myotis emarginatus* (E. Geoffroy, 1806)

RO = Liliacul cu urechi răscroite; liliacul cu spini. EN = Geoffroy's bat.

**D:** Western Palearctic species from Netherland to Afghanistan and in Northern Africa.

**C:** Population in drastic decline. Endangered species. European species. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RVBR/2005.

*Myotis mystacinus* (Kuhl, 1819)

RO = Liliacul mic mustăcios. EN = Whiskered Bat.

**D:** A Palearctic species – all over Europe (with few exceptions) up to Mongolia and China, and from Northern Africa to Siria.

**C:** Population in decline. Vulnerable species. Annex No. 4A of the OUG 57/2007. RVBR/2005.

*Myotis nattererii* (Kuhl, 1817)

RO = Liliacul cu franjuri; liliacul lui Natterer. EN = Natterer's Bat.

**D:** Western Palearctic species, from Scandinavia to Ural Mountains and from Northern Africa to Turkmenia.

**C:** Population in decline. Vulnerable species. Annex No. 4A of the OUG 57/2007. RVBR/2005.

Genus *Plecotus* E. Geoffroy, 1818

*Plecotus auritus* (Linnaeus, 1758)

RO = Liliacul urecheat brun. EN = Brown long-eared Bat.

**D:** Northern Palearctic and Northern Oriental species, from Ireland to Himalaya and China.

**C:** Population in decline. Vulnerable species. Annex No. 4A of the OUG 57/2007. RVBR/2005.

*Plecotus austriacus* (Fischer, 1829)

RO = Liliacul urecheat cenușiu. EN = Gray long-eared Bat.

**D:** Southern Palearctic and Northern Oriental species, from South England to China as well as in Northern Africa and Near East.

**C:** Population in decline. Vulnerable species. Annex No. 4A of the OUG 57/2007. RVBR/2005.

Genus *Vespertilio* Linnaeus, 1758

*Vespertilio murinus* Linnaeus, 1758

RO = Liliacul bicolor. EN = Parti-coloured Bat.

**D:** Palearctic and Northern Oriental species, from Southern Scandinavia to Southern Siberia and in China.

**C:** Population in drastic decline. Endangered species. Annex No. 4A of the OUG 57/2007. RVBR/2005.

Genus *Eptesicus* Rafinesque, 1820

*Eptesicus serotinus* Schreber, 1774. This species includes *E. sodalis* Barrett-Hamilton, 1910; see CORBET, 1978 (pages 57 – 58) and HONACKI and col., 1982 (pag. 175).

RO = Liliacul cu aripi late. EN = Serotine.

**D:** Palearctic and Oriental species up to Subsaharan Africa.

**C:** Population in drastic decline. Endangered species. Annex No. 4A of the OUG 57/2007. RVBR/2005.

*Eptesicus nilssonii* (Keyserling and Blasius, 1839)

RO = Liliacul nordic; liliacul lui Nilsson. EN = Northern bat.

**D:** Northern Palearctic species, from Arctic Circle (in Scandinavia) and in Russia.

**C:** Population in drastic decline. Endangered species. Annex No. 4A of the OUG 57/2007. RVBR/2005.

Genus *Nyctalus* Bowdich, 1825

*Nyctalus noctula* (Schreber, 1774)

RO = Liliacul de amurg. EN = Common Noctule.

**D:** Palearctic and Oriental species, from England and Southern Scandinavia to Japan and in Malaysia.

**C:** Population in decline. Vulnerable species. Annex No. 4A of the OUG 57/2007.

*Nyctalus lasiopterus* (Schreber, 1780)

RO = Liliacul mare de amurg. EN = Giant Noctule.

**D:** South-Western Palearctic species, from France to Caucasus, in Northern Africa and Asia Minor.

**C:** Population in drastic decline. Endangered species. Annex No. 4A of the OUG 57/2007. RVBR/2005.

*Nyctalus leisleri* (Kuhl, 1817)

RO = Liliacul mic de amurg; liliacul lui Leisler. EN = Lesser Noctule; Hairy-armed Bat.

**D:** Palearctic and Northern Oriental species, from Ireland to Himalaya and China.

**C:** Population in drastic decline. Endangered species. Annex No. 4A of the OUG 57/2007. RVBR/2005.

Genus *Pipistrellus* kaup, 1829

*Pipistrellus pipistrellus* (Schreber, 1774)

RO = Liliacul pitic. EN = Common Pipistrelle.

**D:** Palearctic and Northern Oriental species, from Iceland to China and in Northern Africa.

**C:** Population in decline. Vulnerable species. Annex No. 4A of the OUG 57/2007.

*Pipistrellus pygmaeus* Leach, 1825

RO = Liliacul pitic mediteranean. EN = Soprano Pipistrelle Bat; Soprano Pipistrelle.

**D:** Western Palearctic species, from Ireland to Georgia.

**C:** Population in decline. Vulnerable species. Annex No. 4A of the OUG 57/2007.



*Pipistrellus nathusii* (Keyserlin and Blasius, 1839)

RO = Liliacul cu piele aspră. EN = Nathusiust Pipistrelle.

**D:** European species from southern Great Britain to Ural and Caucasus Mountains and South up to the Asia Minor.

**C:** Population in drastic decline. Endangered species. Annex No. 4A of the OUG 57/2007. RVBR/2005.

] *Pipistrellus savii* (Bonaparte, 1837)

RO = Liliacul de munte; pipistrelul lui Savi. EN = Savi's Pipistrelle.

**D:** Southern Palearctic, Oriental and Northern African species, from Portugal to Afghanistan and Southern – up to Northern Algeria.

**C:** Population in decline. Vulnerable species. Annex No. 4A of the OUG 57/2007. RVBR/2005.

*Pipistrellus kuhlii* (Kuhl, 1817)

RO = Liliacul cu dungă albă. EN = Kuhl's Pipistrelle.

**D:** Southern Palearctic, Western Oriental and Northern Africa, from Spain to Kazakhstan and over all Northern Africa.

**C:** Population in decline. Vulnerable species. Annex No. 4A of the OUG 57/2007.

Genus *Barbastella* Gray, 1821

*Barbastella barbastellus* (Schreber, 1774)

RO = Liliacul cu botul lat; liliacul cărn. EN = Barbastelle.

**D:** Western Palearctic species, from Portugal to Caucasus and Northern Africa.

**C:** Population in drastic decline. Endangered species. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RVBR/2005.

Family **Miniopteridae** Mein and Tupinier, 1977

Genus *Miniopterus* Bonaparte, 1837

*Miniopterus schreibersii* (Kuhl, 1817)

RO = Liliacul cu aripi lungi. EN = Long-winged Bat; Schreiber's Bat.

**D:** Southern Palearctic and over all tropical areas from the Old World: Europe to Japan, Northern Africa and Madagascar, up to New Guinea and Solomon Islands, and in Australia.

In the Romanian fauna should be the nominative subspecies (*M. s. schreibersii*) but possibly with extension of areal, in South-Eastern part of the country could appear *M. s. pallidus* (RO = liliacul anatolian cu aripi lungi. EN = Anatolian long-winged Bat).

**C:** Population in decline. Vulnerable species. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RVBR/2005.

Order LAGOMORPHA Brandt, 1855

Family **Leporidae** Gray, 1821

Genus *Lepus* Linnaeus, 1758

*Lepus europaeus* Pallas, 1778

Ro = Iepurele de câmp. EN = European Hare.

**D:** Palearctic and Afrotropical species, from Britain to Kazakhstan, in Asia Minor and in Africa – from Ethiopia to Cape Province.

In the Romanian fauna there is the subspecies *Lepus e. europaeus* Pallas, 1778.

**C:** Population in decline. Vulnerable species. Very important game species. Protected by Law 103/1996 (Law of cinegetic fund and game species protection/1996) (in Romanian). (Annex No. 1). Annex No. 5B of the OUG 57/2007.

Genus *Oryctolagus* Lilljeborg, 1871

*Oryctolagus cuniculus* (Linnaeus, 1758)

RO = Iepurele de vizuină. EN = Rabbit.

**D:** Western Palearctic species, from England and Spain to Poland, and in Northern Africa.

**C:** Population in decline. Vulnerable species. Important game species. Protected by Law 103/1996 (Annex No. 1). Annex No. 5B of the OUG 57/2007.

Order RODENTIA Bowdich, 1821

Family **Castoridae** Hemprich, 1820

Genus *Castor* Linnaeus, 1758

*Castor fiber* Linnaeus, 1758

RO = Castorul. EN = European Beaver.

**D:** Palearctic species, from Scandinavia to Siberia and Northern Mongolia.

In the Romanian fauna there is the subspecies *Castor f. fiber* Linnaeus, 1758.

**C:** Reintroduced species. Population increase. Not exactly evaluated. Protected by Law 103/1996 (Annex No. 2). Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007.

In the autumn of 1998 on the Faculty of Hunting and Silviculture's fund from Braşov were reintroduced eight specimens: 2 adult males and one adult female as well as 2 young males and 2 young females. The specimens were from Bavaria – Germany, brought by Prof. Dr. Ovidiu Ionescu and Dr. Georgeta Ionescu.

Family **Sciuridae** Gray, 1821

Genus *Sciurus* Linnaeus, 1758

*Sciurus vulgaris* Linnaeus, 1758

RO = Veverița. EN = Red Squirrel.

**D:** Palearctic species, from Ireland and Britain up to Far East.

In the Romanian fauna there is the subspecies *Sciurus vulgaris fuscoater* Altmann, 1855.

**C:** Population in decline. Vulnerable species. Protected by Law 103/1996 (Annex No. 1). Annex No. 5B of the OUG 57/2007.

Genus *Marmota* Blumenbach, 1779

*Marmota marmota* (Linnaeus, 1758)

RO = *Marmota*; marmota alpină. EN = Alpine Marmot.

**D:** Palearctic species, from France to Kamtchatka. ELLERMAN AND MORRISON-SCOTT (1966, p. 513) suggested the possibility of the species presence also in North America.

In the Romanian fauna there is the subspecies *Marmota m. marmota* Linnaeus, 1758.

**C:** Reintroduced species. Population stable. Protected by Law 103/1996 (Annex No. 1). Annex No. 5B of the OUG 57/2007. RVBR/2005.

Genus *Spermophilus* F. Cuvier, 1825. See CORBET, 1978 (pages 82) and HERSHKOVITZ, 1979 – Journal of Mammalogy, **30**, 1: (page 82).

In 1973, 33 individuals of marmots from France were reintroduced in Făgăraș Mountain (Căldarea Arpășelului) and in Pietrosul Rodnei Mountain. Other 20 specimens from Austria were released in Retezat Mountain. A census since 1993 reported 150 individuals in Pietrosul Rodnei, 300 in Retezat and 400 in Făgăraș.

*Spermophilus citellus* (Linnaeus, 1766)

RO = Popândău; țăstar; chință; șuiță. EN = Ground Squirrel.

**D:** Palearctic species, from Germany to Turkey, in Asia Minor, up to Mongolia and Manchuria.

In the Romanian fauna there is the subspecies *Spermophilus c. citellus* (Linnaeus, 1766).

**C:** Population in drastic decline. Near threatened species. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RVBR/2005.

Family **Myoxidae** Gray, 1821

Genus *Eliomys* Wagner, 1840

*Eliomys quercinus* (Linnaeus, 1766)

RO = Pârșul de stejar; pârșul de ghindă; pârșul de grădină. EN = Garden Dormouse.

**D:** Western Palearctic species, from Spain to Urals and in Northern Africa.

In the Romanian fauna there is the subspecies *Eliomys q. quercinus* (Linnaeus, 1766).

**C:** Population in drastic decline. Near threatened species. RVBR/2005.

Genus *Dryomys* Thomas, 1906

*Dryomys nitedula* (Pallas, 1779)

RO = Pârșul de copac; pârșul cu coada stufoasă. EN = Forest Dormouse.

**D:** Palearctic species, from Switzerland to Eastern Russia and in Asia Minor to Western India.

In the Romanian fauna there is the subspecies *Dryomys n. nitedula* (Pallas, 1779).

**C:** Population in drastic decline. Near threatened species. Annex No. 4A of the OUG 57/2007. RVBR/2005.

Genus *Myoxus* Zimmermann, 1780

*Myoxus glis* (Linnaeus, 1766)

RO = Pârșul mare; pârșul cenușiu; mihuș. EN = Fat Dormouse.

**D:** Palearctic species, from Spain to Transcaucasia and in Asia Minor.

In the Romanian fauna there is the subspecies *Myoxus g. glis* (Linnaeus, 1766).

**C:** Population in drastic decline. Near threatened species. RVBR/2005.

Genus *Muscardinus* Kaup, 1829

*Muscardinus avellanarius* (Linnaeus, 1758)

RO = Pârșul de alun; pârșul roșu. EN = Common Dormouse.

**D:** Western Palearctic species, from Britain to Odessa (in Russia) and in Asia Minor.

In the Romanian fauna there is the subspecies *Muscardinus a. avellanarius* (Linnaeus, 1758).

**C:** Population in decline. Vulnerable species. Annex No. 4A of the OUG 57/2007. RVBR/2005.

Family **Cricetidae** Rochebrune, 1883

Genus *Cricetus* Leske, 1779

*Cricetus cricetus* (Linnaeus, 1758)

RO = Hârciogul; cățelul pământului. EN = Common Hamster.

**D:** A Palearctic species, from Netherlands to Siberia and in Asia Minor.

In the Romanian fauna there is the subspecies *Cricetus c. cricetus* (Linnaeus, 1758).

**C:** Population stable. Protected by Law 103/1996 (Annex No. 2). Annex No. 4A of the OUG 57/2007. RVBR/2005.

Genus *Mesocricetus* Nehring, 1898

*Mesocricetus newtoni* (Nehring, 1898)

RO = Grivanul mic; hamsterul dobrogean; hamsterul românesc. EN = Romanian Hamster; Dobrogean Hamster.

**D:** A Southern Palearctic species. Endemic species for the Balkan Peninsula, existing only in Dobrogea – South-Eastern part of Romania and in North-Eastern part of Bulgaria.

**C:** Population in drastic decline. Near threatened species. Not protected. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RVBR/2005.

Genus *Cricetulus* Milne-Edwards, 1867

*Cricetulus migratorius* (Pallas, 1773)

RO = Hârciogul pitic; grivanul cenușiu. EN = Migratory Hamster; Grey Hamster.

**D:** Palearctic species from Romania, Ukraine and Southern Russia to Western Siberia, Chinese Turkestan and in Asia Minor.

In the Romanian fauna there is the subspecies *Cricetulus m. migratorius* (Pallas, 1773).

**C:** Population in drastic decline. Near threatened species. RVBR/2005.

Family **Arvicolidae** Gray, 1821

Genus *Evotomys* Coues, 1874 (= *Clethrionomys* Tilesius, 1850)

*Evotomys glareolus* (Schreber, 1780)

RO = Șoarecele scurmător de pădure. EN = Common Redback Vole; Bank Vole.

**D:** A Palearctic species from Britain to Western Siberia and in Asia Minor. ELLERMAN AND MORISSON-SCOTT (1966, p. 662) mentioned the species "Perhaps represented in North America", where as coevolutionary phenomena there is *Peromyscus* genus].

In the Romanian fauna there is the subspecies *Evotomys g. isticus* (Miller, 1909).

**C:** Population stable. Not protected species.

Genus *Arvicola* Lacépède, 1799

*Arvicola terrestris* (Linnaeus, 1758)

RO = Șobolanul mare de apă; guzganul de apă; guzganul roșu. EN = Water Vole.

A Palearctic species, from Great Britain to Siberia and in Asia Minor.

RO = Șobolanul mic de apă; șobolanul negru de apă. EN = Smaller water Vole.

**D:** Western Palearctic species.

In the Romanian fauna there are two subspecies *Arvicola t. terrestris* (Linnaeus, 1758) and *Arvicola t. scherman* (Shaw, 1801).

**C:** Population stable, but vulnerable species due to habitat loss. RVBR/2005.

Genus *Microtus* Schrank, 1798

*Microtus* (= *Pitymys* Mc Murtrie, 1831) *subterraneus* (de Sélvs-Longschamps, 1836)

RO = Șoarecele subpământean. EN = European Pine Vole.

**D:** A Palearctic species, from Netherlands to Caucasus and in Asia Minor.

**C:** Population stable. Not protected species.

*Microtus* (= *Pitymys* Mc Murtrie, 1831) *tatricus* (Kratohvil, 1952)

RO = Șoarecele de Tatra. EN = Tatra Vole; Tatra pine vole.

**D:** A Western Palearctic species, restricted to the Carpathian Mountains of Slovakia, Poland, Romania and Ukraine.

In the Romanian fauna should be the subspecies *Microtus tatricus zykovi* Zagorodniuk, 1989.

**C:** European endemite. Population stable. Not protected. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RVBR/2005.

*Microtus arvalis* (Pallas, 1779)

RO = Șoarecele de câmp; șoarecele cu coada scurtă. EN = Common Vole.

**D:** A Palearctic species, from Western Europe to Western Siberia, in Mongolia, China and in Asia Minor.

In the Romanian fauna there is the subspecies *Microtus arvalis levis* (Miller, 1908).

**C:** Population stable. Not protected species.

*Microtus agrestis* (Linnaeus, 1761)

RO = Șoarecele de pământ; șoarecele lui Baillon. EN = Field Vole.

**D:** A Palearctic species, from Great Britain to Western Siberia, in Mongolia and China.

In the Romanian fauna there is the subspecies *Microtus agrestis bailloni* (de Sélys-Longschamps, 1841). MURARIU *et al.* (1979) and POPESCU *et al.* (2001) considered this subspecies in the Romanian fauna, instead of *M. a. gregarius* (Linnaeus, 1766).

**C:** Population stable, but vulnerable due to habitat loss. RVBR/2005.

*Microtus nivalis* (Martins, 1842)

RO = Șoarecele de zăpadă. EN = Snow Vole.

**D:** A Palearctic species from the Iberian Peninsula to Caucasus and in Asia Minor.

In the Romanian fauna there is the subspecies *Microtus n. ulpius* Miller, 1908.

**C:** Population in decline. Vulnerable species. RVBR/2005.

*Microtus rossiaemeridionalis* Ognev, 1924

RO = Șoarecele răsăritean de câmp. EN = East European Vole, Sibling Vole.

**D:** A Palearctic species: Balkan and Carpathian Mountains, in the North up to Sankt Petersburg to the Ural Mountains and in the South – down to Greece.

In the Romanian fauna there is the subspecies *Microtus r. epiroticus* (Ondrias, 1966).

**C:** Rare species, with population in decline. Not protected.

Genus *Ondatra* Link, 1795

*Ondatra zibethicus* (Linnaeus, 1766)

RO = Bizamul; șobolanul mirositor. EN = Muskrat.

**D:** Originally from Nearctic region, but introduced in fur farms from the Palearctic one, today can be considered as a Holarctic species. In the Palearctic, it is distributed from Western Europe to Ural River, in Mongolia, China and Japan.

In the Romanian fauna there is the subspecies *Ondatra z. zibethicus* (Linnaeus, 1766).

**C:** With increasing population. Important game species for fur and is protected by 103/1996 (Annex No. 1). Annex No. 5B of the OUG 57/2007.

Family **Muridae** Gray, 1821

Genus *Micromys* Dehne, 1841

*Micromys minutus* (Pallas, 1771)

RO = Șoarecele pitic. EN = Harvest Mouse.

**D:** A Palearctic and marginally Oriental species, from Great Britain to Southern Siberia and Far East, in China, Korea and Northern Indo-China.

In the Romanian fauna there is the subspecies *Micromys minutus pratensis* Ockskay, 1831.

**C:** Population in decline. Vulnerable species. RBVR-2005.

Genus *Apodemus* kaup, 1829

*Apodemus sylvaticus* (Linnaeus, 1758)

RO = Șoarecele de pădure. EN = Common Field Mouse.

**D:** A Palearctic and marginally Oriental species from Britain to Sakhalin, China, Japan, Korea, in Northern Africa and in Asia Minor.

In the Romanian fauna there is the subspecies *Apodemus s. sylvaticus* (Linnaeus, 1758).

**C:** Population stable. Not protected.

*Apodemus flavicollis* (Melchior, 1834)

RO = Șoarecele gulerat; șoarecele cu guler galben. EN = Yellow-necked Field Mouse.

**D:** A Palearctic species, from Great Britain to Manchuria and China and in Asia Minor.

In the Romanian fauna there is the subspecies *Apodemus f. flavicollis* (Melchior, 1834).

**C:** Population stable. Not protected.

*Apodemus agrarius* (Pallas, 1771)

RO = Șobolanul de câmp; Șoarecele de apă vărgat; șoarecele cu dungă. EN = Striped Field Mouse.

**D:** A Palearctic species, from Western Europe to Ural Mountains, in Manchuria, China and Korea.

In the Romanian fauna there is the subspecies *Apodemus a. agrarius* (Pallas, 1771).

**C:** Population stable. Not protected.

*Apodemus uralensis* (Pallas, 1811)

RO = Șoarecele mic de pădure; șoarecele pitic de pădure. EN = Pygmy Field Mouse.

**D:** A Western Palearctic species, reported for the first time by Kratochvil and Rosicki (1952) (in former Czechoslovakia) as *Apodemus microps*. Later, *A. uralensis* was identified in Hungary, in former Yugoslavia, Poland, Romania, Bulgaria and in Turkey.

**C:** Population in decline. Not protected species.

Genus *Rattus* Fischer, 1803

*Rattus rattus* (Linnaeus, 1758)

RO = Șobolanul negru. EN = Black Rat; House Rat.

**D:** A species with a nearly global distribution today, but originally from Palearctic-Central Asia.

In the Romanian fauna there is the subspecies *Rattus r. rattus* (Linnaeus, 1758).

**C:** Population increase. Not protected. Needs control.

*Rattus norvegicus* (Berkenhout, 1769)

RO = Șobolanul de casă; guzganul; cloțanul. EN = Norway Rat; Brown Rat.

**D:** Originally was a Palearctic species (from Central Asia), but today with a world-wide distribution.

In the Romanian fauna there is the subspecies *Rattus n. norvegicus* (Berkenhout, 1769).

**C:** Population increase. Not protected. Needs control.

Genus *Mus* Linnaeus, 1766

*Mus musculus* Linnaeus, 1766

RO = Șoarecele de casă răsăritean. EN = Eastern House Mouse.

**D:** Originally a Palearctic species (from Central Asia) and through introduction by man it spread all over the world. In Europe there are two subspecies, with different distribution: *Mus musculus musculus* inhabits the Eastern and Northern part of the continent up to Scandinavia and Eastward to Elba River, and *Mus musculus domesticus* in Western and Mediterranean parts of the continent.

In the Romanian fauna there is the subspecies *Mus m. musculus* Linnaeus, 1766.

**C:** Population increase. Not protected. Need control.

*Mus spicilegus* Petenyi, 1882

RO = Șoarecele de mișună. EN = Steppe Mouse.

**D:** A Western Palearctic species, from Hungary and former Yugoslavia to Ukraine.

In the Romanian fauna there is the subspecies *Mus s. spicilegus* Petenyi, 1882.

**C:** Population stable. Not protected.

Family **Spalacidae** Gray, 1821

Genus *Spalax* Gldenstaedt, 1770 (= *Nannospalax* Palmer, 1903)

*Nannospalax* (= *Spalax*) *leucodon* Nordmann, 1840

RO = Orbetele mic; orbetele apusean; cartofarul mic, țâncul pământului mic. EN = Lesser Mole Rat.

**D:** Central Palearctic species, from Ukraine to Transcaucasia and South to Greece and Asia Minor.

In the Romanian fauna there is the subspecies *Nannospalax l. leucodon* Nordmann, 1840.

**C:** Population in decline. Vulnerable species. Annex No. 4B of the OUG 57/2007.

*Spalax microphthalmus* Gldenstaedt, 1770

RO = Orbetele mare; orbetele răsăritean; cartofarul mare; țâncul pământului mare. EN = Russian Mole Rat.

**D:** Palearctic species, from Poland and Western Ukraine to Western Siberia, and South up to Greece.



In the Romanian fauna there is the subspecies *Spalax m. microphthalmus* Gldenstaedt, 1770.

**C:** Population in decline. Vulnerable species. Not protected.

*Spalax graecus* Nehrin, 1898

RO = Orbetele bucovinean. EN = Bukovin Mole-Rat; Balkan Mole-rat.

**D:** Western Palearctic species – in Romania, Republic of Moldova and in Ukraine.

**C:** Population in drastic decline. Near threatened. Annex No. 4B of the OUG 57/2007. RBVR-2005.

Family **Zapodidae** Coues, 1875

Genus *Sicista* Gray, 1827

*Sicista betulina* (Pallas, 1779)

RO = Őoarecele de mesteacn; Őoarecele de pdure cu dung. EN = Northern Birch Mouse.

**D:** Palearctic species, from the Scandinavian Peninsula to Siberia.

In the Romanian fauna there is the subspecies *Sicista b. betulina* (Pallas, 1779).

**C:** Population in drastic decline. Near threatened. Annex No. 4A of the OUG 57/2007. RBVR-2005.

*Sicista subtilis* (Pallas, 1773)

*Sicista subtilis nordmanni* Keyserling and Blasius, 1840

RO = Őoarecele de step cu dung. EN = Southern Birch Mouse.

**D:** Palearctic species, from Central Europe to Siberia.

In the Romanian fauna there is the subspecies *Sicista s. nordmanni* Keyserling and Blasius, 1840.

**C:** Population in drastic decline. Near threatened. Not protected. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RBVR-2005.

Family **Myocastoridae** Ameghino, 1904

Genus *Myocastor* Kerr, 1792

*Myocastor coypus* (Molina, 1782)

RO = Nutria. EN = Coypu.

**D:** A Neotropical species from where it was colonized in Nearctic, Palearctic and later in Ethiopian regions.

In the Romanian fauna there is the subspecies *Myocastor c. bonariensis* E. Geoffroy St. Hilaire, 1805.

Recently escaped from fur-farms and adapted to live in the wild. Population not evaluated.

**C:** Protected by Law 103/1996 (Annex No. 2). Annex No. 5B of the OUG 57/2007.

Order **CETACEA** Brisson, 1762

Family **Delphinidae** Gray, 1821

Genus *Delphinus* Linnaeus, 1758

*Delphinus delphis* Linnaeus, 1758

RO = Delfinul comun. EN = Common Dolphin.

**D:** All over the world, in temperate and warm waters. From the Mediterranean Sea it enters in the Black Sea too.

In the Romanian fauna there is the subspecies *Delphinus d. ponticus* Barabaş, 1935.

**C:** Population in drastic decline. Near threatened species. Annex No. 4A of the OUG 57/2007. Annex No. 4B of the OUG 57/2007. RBVR-2005.

Genus *Tursiops* Gervais 1855

*Tursiops truncatus* (Montagu, 1821)

RO = Delfinul mare; afalinul. EN = Bottlenosed Dolphin.

**D:** North Atlantic species, entering in the Black Sea from the Mediterranean Sea, along the North American coast and also reported from New Zealand.

In the Romanian fauna there is the subspecies *Tursiops t. ponticus* Barabaş, Nikiforov, 1940.

**C:** Population in drastic decline. Near threatened species. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RBVR-2005.

Family **Phocoenidae** Gray, 1825

Genus *Phocoena* G. Cuvier, 1817

*Phocoena phocoena* (Linnaeus, 1758)

RO = Delfinul mic; marsuinul; porcul de mare. EN = Porpoise.

**D:** North Atlantic and North Pacific species to the New Jersey – Gibraltar line (entering in the Mediterranean Sea and in the Black Sea), respectively to Japan line.

In the Romanian fauna there is the subspecies *Phocoena ph. relicta* Abel, 1905.

**C:** Population in drastic decline. Near threatened species. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RBVR-2005.

Order **CARNIVORA** Bowdich, 1821

Family **Canidae** Gray, 1821

Genus *Canis* Linnaeus, 1758

*Canis lupus* Linnaeus, 1758

RO = Lupul. EN = Wolf.

**D:** Holarctic species, from the Scandinavian Peninsula to the Russian Asia, India, Asia Minor and in the Nearctic region.

In the Romanian fauna there is the subspecies *Canis l. lupus* Linnaeus, 1758.

**C:** Population in decline. Vulnerable species. Important game species, protected by Law 103/1996 (Annex. No. 2). Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RBVR-2005.

*Canis aureus* Linnaeus, 1758

RO = Șacalul. EN = Asiatic Jackal.

**D:** Palearctic species, from Central Europe to Tadjikistan and India, in Asia Minor and Northern Africa, with extension to the Equator line.

In the Romanian fauna there is the subspecies *Canis a. aureus* Linnaeus, 1758.

**C:** Population in decline. Vulnerable species. Important game species, protected by Law 103/1996 (Annex. No.1). Annex No. 5A of the OUG 57/2007. RBVR-2005.

Genus *Vulpes* Oken, 1816

*Vulpes vulpes* (Linnaeus, 1758)

RO = Vulpea. EN = Common Red Fox.

**D:** A Holarctic and Oriental species, from Ireland to Japan, China, Northern Africa and Asia Minor and marginally Oriental region as well as in the Nearctic region.

In the Romanian fauna there is the subspecies *Vulpes v. crucigera* Bechstein, 1789.

**C:** Population in decline. Vulnerable species. Important game species, protected by Law 103/1996 (Annex. No. 1). Annex No. 5B of the OUG 57/2007.

Genus *Nyctereutes* Temminck, 1839

*Nyctereutes procyonoides* (Gray, 1834)

RO = Câinele-enot. EN = Raccoon-Dog.

**D:** Eastern Palearctic and Oriental species, from Eastern Siberia to Manchuria, China and Japan, and marginally Northern Oriental region.

In the Romanian fauna there is the subspecies *Nyctereutes p. ussuriensis* Matschie, 1907.

**C:** Population stable. Important game species, protected by law 103/1996 (Annex No. 1). Annex No. 5B of the OUG 57/2007.

Family **Ursidae** Gray, 1825

Genus *Ursus* Linnaeus, 1758

*Ursus arctos* Linnaeus, 1758

RO = Ursul, ursul brun. EN = Brown Bear.

**D:** A Holarctic species, from the Scandinavian Peninsula to Japan, in Asia Minor and in the Nearctic region.

In the Romanian fauna there is the subspecies *Ursus a. arctos* Linnaeus, 1758.

**C:** A stable population. Very important game species, protected by Law 103/1996 (Annex No. 2). Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RBVR-2005.

Family **Mustelidae** Swainson, 1835

Genus *Meles* Brisson, 1762

*Meles meles* (Linnaeus, 1758)

RO = Bursucul; viezurele. EN = Badger.

**D:** Palearctic species from Ireland to Japan and China, as well in Asia Minor.

In the Romanian fauna there is the subspecies *Meles m. meles* (Linnaeus, 1758).

**C:** Population in drastic decline. Near threatened species. Important game species and is protected by Law 103/1996 (Annex. No. 1). Annex No. 5B of the OUG 57/2007.

Genus *Lutra* Brunnich, 1771

*Lutra lutra* (Linnaeus, 1758)

RO = Vidra. EN = Common Otter.

**D:** Palearctic and Oriental regions, from Britain to Siberia, in Asia Minor and Eastward to the Western Indonesian Islands.

In the Romanian fauna there is the subspecies *Lutra l. lutra* (Linnaeus, 1758).

**C:** Population stable. Important game species, protected by Law 103/1996 (Annex No. 2). Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RBVR-2005.

Genus *Martes* Pinel, 1792

*Martes martes* (Linnaeus, 1758)

RO = Jderul de copac. EN = Pine Marten.

**D:** Palearctic species from Britain to Western Siberia and in Asia Minor.

In the Romanian fauna there is the subspecies *Martes m. martes* (Linnaeus, 1758).

**C:** Population stable. Important game species and is protected by Law 103/1996 (Annex No. 1). Annex No. 5A of the OUG 57/2007. RBVR-2005.

*Martes foina* (Erxleben, 1777)

RO = Beica; jderul de piatră. EN = Beech Marten; Stone Marten.

Palearctic species, spreaded from the Iberian Peninsula to Mongolia and China, and in Asia Minor.

In the Romanian fauna there is the subspecies *Martes f. foina* (Erxleben, 1777).

Population stable. Annex No. 5B of the OUG 57/2007.

Genus *Mustela* Linnaeus, 1758

*Mustela lutreola* (Linnaeus, 1758)

RO = Nurca; norița. EN = European Mink.

**D:** Palearctic species, from Western Europe to Western Siberia.

In the Romanian fauna there is the subspecies *Mustela l. hungarica* Ehik, 1932.

**C:** Population in drastic decline. Threatened. Protected by Law 103/1996 (Annex No. 2). Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RBVR-2005.

*Neovison (=Mustela) vison* Schreber, 1777

RO = Vizonul, nurca americană. EN = American Mink.

**D:** Originary Nearctic species and introduced in Europe, and in the Neotropical region.

In the Romanian fauna there is the subspecies *Mustela v. domestica* Haltenorth, 1958

**C:** Recently escaped from fur-farms. Population increase. It is an invasive species, seriously competing the European mink. Not evaluated population. Annex No. 5B of the OUG 57/2007.

Species reported by local people and hunters from Maramureş and Danube Delta (were still exists together with European mink), after 1995. (Author's unpublished information).

*Mustela putorius* (Linnaeus, 1758)

RO = Dihorul; dihorul comun. EN = European Polecat.

**D:** Palearctic species from England to Southern Siberia and North China, and in North-Western Africa. In the Romanian fauna there is the subspecies *Mustela p. putorius* (Linnaeus, 1758).

**C:** Population stable. Important game species. Protected by Law 103/1996 (Annex No. 1). Annex No. 5A of the OUG 57/2007.

*Mustela eversmannii* Lesson, 1827

RO = Dihorul de stepă. EN = Steppe Polecat; White Polecat. Masked Polecat.

**D:** A Palearctic species from Central Europe to Mongolia and China.

In the Romanian fauna there is the subspecies *Mustela e. rothschildi* (Pocock, 1932).

**C:** Population in decline. Low interest as game species. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RBVR-2005.

*Mustela erminea* Linnaeus, 1758

RO = Hermina; hermelina. EN = Stoat; Ermine.

**D:** A Holarctic species, from British Isles to Japan, in North Africa (only in Algeria) and in North America.

In the Romanian fauna there is the subspecies *Mustela e. aestiva* Kerr, 1792.

**C:** Population in drastic decline. Threatened species. Important as game species, protected by Law 103/1996 (Annex No. 1). Annex No. 5B of the OUG 57/2007. RBVR-2005.

*Mustela nivalis* Linnaeus, 1766

RO = Nevăstuica; helghea. EN = Weasel.

**D:** A Holarctic species, from England to Eastern Siberia, South down to Asia Minor, Mongolia and China, and possibly in North America.

According to Vasiliu (1961) in the Romanian fauna there should be two subspecies: *M. n. nivalis* Linnaeus, 1766 – common all over the country, and *M. n. boccamela* Bechstein, 1800, only in southern and central parts of the country.

**C:** Population in decline. Vulnerable species. Important as game species and is protected by Law 103/1996 (Annex No. 1). Annex No. 5B of the OUG 57/2007.

Genus *Vormela* Blasius, 1884

*Vormela peregusna* Gldenstaedt, 1770

RO = Dihorul ptat. Marbled Polecat.

**D:** A Central Palearctic species, from Romania to Transcaucasia and from Asia Minor to Mongolia.

In the Romanian fauna there is the subspecies *Vormela p. euxina* Pocock, 1936.

**C:** Population in decline. Endangered species. Annex No. 4A of the OUG 57/2007. RBVR-2005.

Family **Felidae** Gray, 1821

Genus *Felis* Linnaeus, 1758

*Felis silvestris* Schreber, 1777

RO = Pisica-slbatic. EN = European Wild Cat.

**D:** A Palearctic species, from Scotland to Caucasus and in Asia Minor.

In the Romanian fauna there is the subspecies *Felis s. silvestris* Schreber, 1777.

**C:** Population stable. Important as game species, protected by Law 103/1996 (Annex No. 2). Annex No. 4A of the OUG 57/2007. RBVR-2005.

Genus *Lynx* Kerr, 1792

*Lynx lynx* (Linnaeus, 1758)

RO = Rsul. EN = European Lynx.

**D:** A Holarctic species, from Norway to Eastern Siberia, China and Asia Minor in Palearctic region as well as in North America.

In the Romanian fauna there is the subspecies *Lynx l. lynx* (Linnaeus, 1758).

**C:** Population in decline. Very important game species. Protected by Law 103/1996 (Annex No. 1). It is listed as Monument of Nature. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RBVR-2005.

Family **Phocidae** Gray, 1825

Genus *Monachus* Fleming, 1822

*Monachus monachus* (Hermann, 1779)

RO = Foca mediteraneean; foca-monah, foca-episcop; foca cu burta alb; foca de Marea Neagr. EN = Monk Seal.

**D:** Eastern Atlantic and Mediterranean species, with former stable populations and today with only erratic individuals in the Western area of the Black Sea.

In the Romanian fauna there is the subspecies *Monachus m. monachus* (Hermann, 1779).

**C:** Probably extinct species in wild – in the Black Sea. Some individuals may enter by chance from the Mediterranean Sea. Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RBVR-2005.

Order **ARTIODACTYLA** Owen, 1848

Family **Suidae** Gray, 1821

Genus *Sus* Linnaneus, 1758

*Sus scrofa* Linnaeus, 1758

RO = Mistrețul; porcul sălbatic; porcul mistreț. EN = Wild Boar.

**D:** Palearctic and Oriental species, from the Iberian Peninsula to Eastern Siberia, in Northern part of Africa, in in Asia Minor and from India to Malaysia.

In the Romanian fauna there is the subspecies *Sus s. attila* Thomas, 1912.

**C:** Population increase. Very important game species. Protected by Law 103/1996 (Annex No. 1). Annex No. 5B of the OUG 57/2007.

Family **Cervidae** Gray, 1821

Genus *Alces* Gray, 1821

*Alces alces* (Linnaeus, 1758)

RO = Elanul. EN = Moose; Elk.

**D:** Holarctic species, in Palearctic from Norway to Siberia, Mongolia and Manchuria, and in Northern areas of North America. In the Romanian fauna there is the subspecies *Alces a. alces* (Linnaeus, 1758).

**C:** Few individual in North-Eastern part of the country. Endangered species. Very important game species. Severly protected and included in the Annex No. 2 of Law 103/1996. Annex No. 4B of the OUG 57/2007. RBVR-2005.

Starting with 1961 it was reported a male of *Alces alces* in the Danube Delta. Other reports were from Dobrogea (ELLERMAN & MORISSON-SCOTT, 1966). In 1970 it was reported at Huși (Moldavia) a pregnant female and a young male. Reports from Moldova (right shore of Prut river) continued in 1971, 1972, 1974, 1976, 1977, 1978, 1980, 1984. In Botoșani County it was declared a Natural Reserve along the Prut river's meadow for 11 specimens of *Alces alces*.

Genus *Cervus* Linnaneus, 1758

*Cervus elaphus* Linnaeus, 1758

RO = Cerbul carpatin. EN = Red Deer.

**D:** A Holarctic species, in Palearctic region being from British Isles to Eastern Siberia and Manchuria, and (rarely) in North Africa. In the Nearctic region – only in North America.

In the Romanian fauna there is the subspecies *Cervus e. montanus* Botezat, 1903.

**C:** Population in decline. Vulnerable species. Protected by Law 103/1996 (Annex No. 1). Annex No. 5B of the OUG 57/2007. RBVR-2005.

*Cervus dama* (Linnaeus, 1758)

RO = Cerbul lopătar. EN = Fallow Deer.

**D:** A Western Palearctic species, from Mediterranean areas to Asia Minor and today introduced in North and South Africa, Australia, in North and South America.

In the Romanian fauna there is the subspecies *Cervus d. dama* (Linnaeus, 1758).

**C:** Population in decline. Vulnerable species. Important game species. Protected by Law 103/1996 (Annex. No. 1). Annex No. 5B of the OUG 57/2007. RBVR-2005.

Genus *Capreolus* Gray, 1821

*Capreolus capreolus* (Linnaeus, 1758)

RO = Căprioara. EN = Roe Deer.

**D:** A Palearctic species, from England to Eastern Siberia and South – from Greece, Asia Minor up to China.

In the Romanian fauna there is the subspecies *Capreolus c. capreolus* (Linnaeus, 1758).

**C:** Population in decline under anthropic pressure. Vulnerable species. Important game species. Protected by Law 103/1996 (Annex. No. 1). Annex No. 5B of the OUG 57/2007. RBVR-2005.

Family **Bovidae** Gray, 1821

Genus *Ovis* Linnaeus, 1758

*Ovis musimon* Pallas, 1811

RO = Muflonul. EN = Mouflon.

**D:** Western Palearctic species, originary from Sardinia and Corsica. Introduced in some European countries as a game species.

**C:** Population in drastic decline. Threatened species. Important game species. Protected by Law 103/1996 (Annex. No. 1). Annex No. 5B of the OUG 57/2007. RBVR-2005.

Genus *Rupicapra* Blainville, 1816

*Rupicapra rupicapra* Linnaeus, 1758

RO = Capra neagră. EN = Chamois.

**D;** Western Palearctic species, from Spain to Caucasus and in Asia Minor.

In the Romanian fauna there is the subspecies *Rupicapra r. rupicapra* Linnaeus, 1758.

**C:** Population in drastic decline. Threatened species. Very important game species. Protected by Law 103/1996 (Annex. No. 1). Annex No. 5A of the OUG 57/2007. RBVR-2005. It is listed as Monument of Nature.

Genus *Bison* H. Smith, 1827

*Bison bonasus* (Linnaeus, 1758)

RO = Zimbrul. EN = European Bison; Wisent.

**D:** Western Palearctic species, from Poland and Lithuania to Caucasus.

In the Romanian fauna there is the subspecies *Bison b. bonasus* (Linnaeus, 1758).

**C:** Reintroduced species, with population in decline. Threatened species. Very important game species. Strictly protected by Law 103/1996 (Annex. No. 2). Annex No. 3 of the OUG 57/2007. Annex No. 4A of the OUG 57/2007. RBVR-2005.



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"Emil Racovitza" Institute of Speleology  
Calea 13 Septembrie Nr. 13, Sector 5  
Bucharest, Romania  
E-mail: dmurariu@antipa.ro