

## CATALOGUE OF REPTILES COLLECTION IN THE OLTENIA MUSEUM

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**Abstract.** The publication of the catalogues of museum collections makes a significant contribution to scientific research work, based on which wider themes on the zoogeographic distribution of fauna complexes can be addressed. The collection of reptiles from the patrimony of the Department of Natural Sciences contains 282 specimens belonging to 16 native species, grouped in 2 orders and 6 families and 6 exotic species. Established over several decades, starting with 1975, the first records were made, resulting from the donation of the closed collection by Constantina Sorescu, acquisitions and collections of land. The creation of this catalogue is an efficient means of acquaintance with this group of organisms by specialists, considering that a number of 5 species are vulnerable and 4 species are endangered in the fauna of Romania. The items are in a good state of preservation, having been prepared in 4% formalin solution. Among the foreign species, the Florida turtle is considered an invasive species on the territory of Romania, being released in standing and flowing waters. It was introduced into the reptile collection of the Natural Sciences Section both by means of donations and by collections made in the Jiului hydrographic basin, respectively Balta Gura Motru and Bâlta.

**Keywords:** reptiles, vulnerable species, conservation status, Romania.

**Rezumat. Catalogul colecției de reptile din Muzeul Olteniei.** Publicarea cataloagelor unor colecții muzeale aduce o contribuție însemnată în munca de cercetare științifică, pe baza lor putându-se aborda teme mai ample privind repartitia zoogeografică a complexelor faunistice. Colecția de reptile din patrimoniul Secției de Științele Naturii conține 282 exemplare aparținând la 16 specii native, grupate în 2 ordine și 6 familii și 6 specii străine. Constituită pe parcursul mai multor decenii, începând din 1975 s-au făcut primele înregistrări, rezultate din donația colecției închise Constantina Sorescu, achiziții și colectări de teren. Realizarea acestui catalog constituie un mijloc eficient de cunoaștere a acestui grup de organisme de către specialiști, având în vedere că un număr de 5 specii sunt vulnerabile și 4 specii sunt periclitate în fauna României. Piese prezintă o stare de conservare bună, fiind preparate în soluție de formol de concentrație 4%. Dintre speciile străine, țestoasa de Florida este considerată o specie invazivă pe teritoriul României, fiind eliberată în apele stătătoare și curgătoare. Aceasta a fost introdusă în colecția de reptile a Secției de Științele Naturii atât prin donație, cât și prin colectări făcute în bazinul hidrografic al Jiului, respectiv Balta Gura Motru și Bâlta.

**Cuvinte cheie:** reptile, specii vulnerabile, stare de conservare, România.

### INTRODUCTION

The patrimony of the Department of Natural Sciences was established over several decades through donations, acquisitions, exchanges, but especially through the collection activities carried out by the specialists of the section, carried out in different biogeographical areas and includes about 114,000 museum pieces preserved in several collections (CIOBOIU, 2004).

The Herpetology Collection comprises 1,114 heritage pieces belonging to the Amphibia and Reptilia classes, of which 832 amphibians belonging to two orders and 6 families, respectively 282 reptiles belonging to two orders and 6 families and 6 exotic species, organized in two collections, the C. Sorescu collection and the Museum collection, represented by wet pieces, naturalized pieces and moulds.

The pieces are in a good state of preservation, having been prepared in 4% formalin solution. Among the foreign species, the Florida turtle is considered an invasive species on the territory of Romania, being released in standing and flowing waters. It was introduced into the reptile collection of the Natural Sciences Section both by donation and by collections made in the Jiului hydrographic basin, respectively Balta Gura Motru and Bâlta.

The collection was formed by means of collections from the field in the Oltenia area made by specialists of the section, donations (including the C. Sorescu, closed collection) and by acquisition.

The first collections were made in 1958, and the first acquisitions were made in 1960, and the pieces will be registered in the General Inventory Register (RIG) starting with 1975. It is a collection of scientific importance for specialists in the field, but also with educational purpose, being used in various temporary exhibitions.

Some of the naturalized pieces and some moulds are exhibited in the basic exhibition "Ecosystems of Oltenia" of the Department of Natural Sciences.

The purpose of this work is to popularize the reptile species present in the herpetology collection of the section, but also as a scientific material for comparison in determining and verifying future pieces entered in the museum patrimony (ALEXANDRU, 2022).

### MATERIALS AND METHODS

For the elaboration of the paper, the material preserved in the patrimony of the section and determined by the specialists in the field, as well as data presented in the literature were used (FUHN & VANCEA, 1961; BOTNARIUC & TATOLE, 2005).

## RESULTS AND DISCUSSIONS

The purpose of this catalogue is to include in the specialized information circuit the data accumulated over the years regarding the collection of reptiles, a reference parameter aimed at the spread of these species in Oltenia and implicitly Romania.

According to the updated data from the Fauna Europaea, European Red List of Reptiles, the Red Book of Vertebrates of Romania, we present a systematic review of the 282 specimens belonging to 16 native species, grouped in 2 orders and 6 families and 6 exotic species, the place and year of collection being specified, with a good conservation status (\*\*. IUCN, 2024).

### SYSTEMATIC INDEX

#### PHYLUM CHORDATA Haeckel 1874

#### CLASA REPTILIA Laurenti 1768

#### Ord. Testudines (Batsch 1788)

#### Fam. Testudinidae

##### *Testudo graeca ibera* (Pallas 1814)

- inv. no.1007 – shell, 1 ex., FOND VECHI, old inv. no. 4558
- inv. no.1008 – shell, 1 ex., FOND VECHI, old inv. no. 4559
- inv. no.1009 – shell, 1 ex., FOND VECHI, old inv. no. 4560
- inv. no.1010 – shell, 1 ex., FOND VECHI, old inv. no. 4561
- inv. no.2496 – naturalized piece, 1 ex., FOND VECHI, old inv. no. 12073
- inv. no.2497 – shell, 1 ex., FOND VECHI, inv. no.12074

##### *Testudo hermanni* (Gmelin 1789)

- inv. no.17921 – wet piece, 1 ex., donation C. Sorescu
- inv. no.52474 – wet piece, 1 ex., col. Craiova
- inv. no.52475 – wet piece, 1 ex., aquisition
- inv. no.54763 – wet piece, 1 ex., col. Câmpulung
- inv. no.4668
- inv. no.4669

##### *Emys orbicularis* (Linnaeus 1758)

- inv. no.2494 – naturalized piece, 1 ex., FOND VECHI, old inv. no. 12071
- inv. no.2495 – shell, 1 ex., FOND VECHI, old inv. no. 12072
- inv. no.4465 – wet piece, 1 ex., col. Balta Ceramica Mofleni, old inv. no. 17445
- inv. no.4466 – wet piece, 1 ex., col. Balta Ceramica Mofleni, old inv. no. 17446
- inv. no.4467 – wet piece, 1 ex., col. Balta Ceramica Mofleni, old inv. no. 17447
- inv. no.42772 – wet piece, 1 ex., col. Negoii, Dolj
- inv. no.42776 – wet piece, 1 ex., col. Craiova
- inv. no.42777 – wet piece, 1 ex., col. Craiova

#### Ord. Squamata (Oppel 1811)

#### Fam. Scincidae

##### *Ablepharus kitaibelii* (Mertens 1952)

- inv. no.4425 – wet piece, 1 ex., col. Pădurea Plenița, old inv. no. 17405

#### Fam. Lacertidae

##### -inv. no.44588 – undetermined

##### *Lacerta agilis* (Linnaeus 1758)

- inv. no.2527 – wet piece, 1 ex., aquisition, old inv. no. 12180
- inv. no.4428 – wet piece, 1 ex., col. Oltenia, old inv. no. 17408
- inv. no.4431 – wet piece, 1 ex., col. Parcul Poporului, Craiova, old inv. no. 17411
- inv. no.4595 – wet piece, 1 ex., col. Baldovinești, Olt, old inv. no. 17703
- inv. no.4969 – wet piece, 1 ex., col. Runcu, Gorj, old inv. no. 18587
- inv. no.6604 – wet piece, 1 ex., col. Craiova
- inv. no.7419 – wet piece, 1 ex., col. Ciuperceni, Dolj
- inv. no.17932 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17933 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17934 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17935 – wet piece, 1 ex., donation C. Sorescu

- inv. no.17936 – wet piece, 1 ex., donation C. Sorescu
- inv. no.52454 – wet piece, 1 ex., col. Căineni, Vâlcea
- inv. no.52455 – wet piece, 1 ex., col. Căineni, Vâlcea
- inv. no.52456 – wet piece, 1 ex., col. Căineni, Vâlcea
- inv. no.52457 – wet piece, 1 ex., col. Bistreț
- inv. no.52458 – wet piece, 1 ex., col. Svințița
- inv. no.52464 – wet piece, 1 ex., col. Bucovăț
- inv. no.54754 – wet piece, 1 ex., col. Căileni, Băilești, Dolj

*Lacerta viridis* (Laurenti 1768)

- inv. no.187 – wet piece, 1 ex., FOND VECHI, old inv. no. 318/1641
- inv. no.4426 – wet piece, 1 ex., col. Pădurea Leamna, old inv. no. 17406
- inv. no.4429 – wet piece, 1 ex., col. Parcul Poporului, Craiova, old inv. no. 17409
- inv. no.4430 – wet piece, 1 ex., col. Parcul Poporului, Craiova, old inv. no. 17410
- inv. no.4435 – wet piece, 1 ex., col. Parcul Poporului, Craiova, old inv. no. 17415
- inv. no.4436 – wet piece, 1 ex., col. Parcul Poporului, Craiova, old inv. no. 17416
- inv. no.4437 – wet piece, 1 ex., col. Parcul Poporului, Craiova, old inv. no. 17417
- inv. no.4438 – wet piece, 1 ex., col. Lunca Jiului, old inv. no. 17418
- inv. no.4439 – preparat uscat, 1 ex., col. Nisipurile Obedeianu, old inv. no. 17419
- inv. no.4447 – wet piece, 1 ex., col. Nisipurile Tâmburești, old inv. no. 17427
- inv. no.4448 – wet piece, 1 ex., col. Nisipurile Tâmburești, old inv. no. 17428
- inv. no.4597 – wet piece, 1 ex., col. Baldovinești, Olt, old inv. no. 17705
- inv. no.4598 – wet piece, 2 ex., col. Bistreț, old inv. no. 17706
- inv. no.4924 – wet piece, 1 ex., col. Pădurea Leamna, old inv. no. 18394
- inv. no.4925 – wet piece, 1 ex., old inv. no. 18395
- inv. no.4926 – wet piece, 1 ex., col. Pădurea Coșoveni, old inv. no. 18396
- inv. no.4970 – wet piece, 1 ex., col. Bucovăț, old inv. no. 18588
- inv. no.4971 – wet piece, 3 ex., col. Pârâul Aușel, old inv. no. 18589
- inv. no.4972 – wet piece, 1 ex., col. Balta Ceramina Mofleni, old inv. no. 18590
- inv. no.4973 – wet piece, 2 ex., col. Lunca Jiului, Craiova, old inv. no. 18591
- inv. no.5000 – wet piece, 1 ex., col. Coțofeni, old inv. no. 19813
- inv. no.5363 – wet piece, 1 ex., col. Scoarța, Gorj, old inv. no. 30543
- inv. no.5803 – wet piece, 2 ex., col. Bucovăț
- inv. no.5804 – wet piece, 1 ex., col. Goicea Mare
- inv. no.6597 – wet piece, 1 ex., col. Lainici, Gorj
- inv. no.6598 – wet piece, 1 ex., col. Col. Craiova, Sineasca
- inv. no.6599 – wet piece, 1 ex., col. Câmpul lui Neag - Petroșani
- inv. no.7416 – wet piece, 1 ex., col. Valea Albă, Vâlcea
- inv. no.17922 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17923 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17924 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17925 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17926 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17927 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17928 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17929 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17930 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17931 – wet piece, 1 ex., donation C. Sorescu
- inv. no.42767 – wet piece, 1 ex., col. Negoii, Dolj
- inv. no.52462 – wet piece, 1 ex., col. Șimnic
- inv. no.52463 – wet piece, 1 ex., col. Șimnic
- inv. no.54756 – wet piece, 1 ex., col. Șimnic
- inv. no.54757 – wet piece, 1 ex., col. Șimnic

*Lacerta muralis* syn, *Podarcis muralis* (Laurenti 1768)

- inv. no.4450 – wet piece, 1 ex., col. Baia de Fier, old inv. no. 17430
- inv. no.4451 – wet piece, 1 ex., col. Baia de Fier, old inv. no. 17431
- inv. no.4967 – wet piece, 1 ex., col. Runcu, old inv. no. 18585
- inv. no.5805 – wet piece, 2 ex., col. Runcu
- inv. no.17937 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17938 – wet piece, 1 ex., donation C. Sorescu

- inv. no.17939 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17940 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17941 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17942 – wet piece, 1 ex., donation C. Sorescu

*Lacerta taurica* syn, *Podarcis taurica* (Pallas 1841)

- inv. no.4427 – wet piece, 1 ex., col. Fântâna Obedeauu, Craiova, old inv. no. 17407
- inv. no.4432 – wet piece, 1 ex., col. Fântâna Obedeauu, old inv. no. 17412
- inv. no.4433 – wet piece, 1 ex., col. Balta Ceramica Mofleni, old inv. no. 17413
- inv. no.4434 – wet piece, 1 ex., col. Lunca Jiului, old inv. no. 17414
- inv. no.4446 – wet piece, 1 ex., col. Lunca Jiului, old inv. no. 17426
- inv. no.4948 – wet piece, 1 ex., col. Balta Șerca Mofleni, old inv. no. 18436
- inv. no.4974 – wet piece, 22 ex., col. Lunca Jiului, Craiova, old inv. no. 18592
- inv. no.4999 – wet piece, 1 ex., col. Radovan, Dolj, old inv. no. 19812
- inv. no.6601 – wet piece, 6 ex., col. Bechet, Dolj
- inv. no.17943 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17944 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17945 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17946 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17947 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17948 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17949 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17950 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17951 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17952 – wet piece, 1 ex., donation C. Sorescu

*Lacerta vivipara* syn, *Zootoca vivipara* (Jacquin 1787)

- inv. no.4440 – preparat uscat, 2 ex., col. Cheile Sohodolului, Runcu, old inv. no. 17420
- inv. no.4441 – wet piece, 1 ex., col. Cheile Sohodolului, Runcu, old inv. no. 17421
- inv. no.4442 – wet piece, 1 ex., col. Cheile Sohodolului, Runcu, old inv. no. 17422
- inv. no.4443 – wet piece, 1 ex., col. Cheile Sohodolului, Runcu, old inv. no. 17423
- inv. no.4444 – wet piece, 1 ex., col. Cheile Sohodolului, Runcu, old inv. no. 17424
- inv. no.4445 – wet piece, 1 ex., col. Cheile Sohodolului, Runcu, old inv. no. 17425
- inv. no.4449 – wet piece, 1 ex., col. Rânca, old inv. no. 17429
- inv. no.4949 – wet piece, 1 ex., col. Topolnița, old inv. no. 18437
- inv. no.4968 – wet piece, 1 ex., col. Runcu, old inv. no. 18586
- inv. no.5364 – wet piece, 3 ex., col. Cheile Sohodolului, old inv. no. 30544
- inv. no.6600 – wet piece, 4 ex., col. Rânca, Gorj
- inv. no.17953 – wet piece, 1 ex., donation C. Sorescu

**Fam. Anguidae**

*Anguis fragilis* (Linnaeus 1758)

- inv. no.4076 – naturalized piece, 1 ex., col. Timișu de Sus, old inv. no. 16206
- inv. no.4452 – wet piece, 1 ex., col. Lunca Jiului, Craiova, old inv. no. 17432
- inv. no.4470 – wet piece, 1 ex., col. Pădurea Plenița, old inv. no. 17450
- inv. no.7417 – wet piece, 1 ex., col. Tismana, Gorj
- inv. no.7418 – wet piece, 1 ex., col. Budieni, Gorj
- inv. no.17954 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17955 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17956 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17957 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17958 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17959 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17960 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17961 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17962 – wet piece, 1 ex., donation C. Sorescu
- inv. no.52470 – wet piece, 1 ex., col. Cetate, Dolj
- inv. no.52471 – wet piece, 1 ex., col. Racoviței
- inv. no.54762 – wet piece, 1 ex., col. Câmpulung

**Fam. Colubridae***Coluber jugularis caspius* syn. *Dolichophis caspius* (Gmelin 1789)

- inv. no.4599 – wet piece, 1 ex., col. Crețești, old inv. no. 17707
- inv. no.5356 – wet piece, 1 ex., col. Cârcea, old inv. no. 30536
- inv. no.5357 – wet piece, 1 ex., col. Cârcea, old inv. no. 30537
- inv. no.5801 – wet piece, 1 ex., col. Făget, Breasta
- inv. no.5802 – wet piece, 1 ex., col. Terpezița, Dolj
- inv. no.6602 – wet piece, 1 ex., col. Cârcea,
- inv. no.52466 – wet piece, 1 ex., col. Parc
- inv. no.52467 – wet piece, 1 ex., col. Parc
- inv. no.54003 – wet piece, 1 ex.
- inv. no.54004 – wet piece, 1 ex.
- inv. no. 54761 – wet piece, 1 ex., col. Desa

*Elaphe longissima* (Laurenti 1768)

- inv. no.4453 – wet piece, 1 ex., col. Pădurea Tismana, old inv. no. 17433
- inv. no.4454 – wet piece, 1 ex., col. Cheile Sohodolului, old inv. no. 17434

*Coronella austriaca* (Laurenti 1768)

- inv. no.3826 – mulaj, 1 ex., aquisition, old inv. no. 14986
- inv. no.4455 – wet piece, 1 ex., col. Olănești, old inv. no. 17435
- inv. no.17963 – wet piece, 1 ex., donation C. Sorescu

*Natrix natrix* (Linnaeus 1758)

- inv. no.188 – wet piece, 1 ex., FOND VECHI, old inv. no. 324/1645
- inv. no.3827 – mulaj, 1 ex., aquisition, old inv. no. 14987
- inv. no.3830 – mulaj, 1 ex., aquisition, old inv. no. 14990
- inv. no.3953 – naturalized piece, 1 ex., aquisition, old inv. no. 15116
- inv. no.4456 – wet piece, 1 ex., col. Ișalnița, old inv. no. 17436
- inv. no.4457 – wet piece, 1 ex., col. Oltenia, old inv. no. 17437
- inv. no.4458 – wet piece, 1 ex., col. Lunca Jiului, old inv. no. 17438
- inv. no.4459 – wet piece, 1 ex., col. Lunca Jiului, old inv. no. 17439
- inv. no.4460 – wet piece, 1 ex., col. Parcul Poporului, old inv. no. 17440
- inv. no.4461 – wet piece, 1 ex., col. Runcu, Gorj, old inv. no. 17441
- inv. no.4462 – wet piece, 1 ex., col. Ceramica Mofleni, old inv. no. 17442
- inv. no.4463 – wet piece, 1 ex., col. Ceramica Mofleni, old inv. no. 17443
- inv. no.4921 – wet piece, 1 ex., col. Craiova, old inv. no. 18379
- inv. no.4922 – wet piece, 1 ex., col. Craiova, old inv. no. 18380
- inv. no.4923 – wet piece, 1 ex., col. Negoești, old inv. no. 18381
- inv. no.5276 – wet piece, 1 ex., col. Terpezița, old inv. no. 20841
- inv. no.5358 – wet piece, 1 ex., donation, old inv. no. 30539
- inv. no.5359 – wet piece, 1 ex., donation, old inv. no. 30538
- inv. no.5360 – wet piece, 1 ex., donation, old inv. no. 30540
- inv. no.5361 – wet piece, 1 ex., col. Bistreț, old inv. no. 30541
- inv. no.5362 – wet piece, 1 ex., col. Lunca Jiului, old inv. no. 50542
- inv. no.5797 – wet piece, 1 ex., col. Balta Nedeia, Dolj
- inv. no.5798 – wet piece, 1 ex., col. Făget, Breasta
- inv. no.5799 – wet piece, 1 ex., col. Mofleni, Craiova
- inv. no.5800 – wet piece, 1 ex., col. Bistrița, Vâlcea
- inv. no.6603 – wet piece, 1 ex., col. Dolj, donation
- inv. no.7420 – wet piece, 1 ex., col. Parcul Poporului, Craiova
- inv. no.17964 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17965 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17966 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17967 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17968 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17969 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17970 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17971 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17972 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17973 – wet piece, 1 ex., donation C. Sorescu

- inv. no.17974 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17975 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17976 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17977 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17978 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17979 – wet piece, 1 ex., donation C. Sorescu
- inv. no.52459 – wet piece, 1 ex., col. Căineni, Vâlcea
- inv. no.52460 – wet piece, 1 ex., col. Almăj, Dolj
- inv. no.54752 – wet piece, 1 ex., col. Negoii, Dolj
- inv. no.54753 – wet piece, 1 ex., col. Negoii, Dolj
- inv. no.54764 – wet piece, 1 ex., col. Negoii, Dolj

*Natrix tessellata* (Laurenti 1768)

- inv. no.4078 – naturalized piece, 1 ex., old inv. no. 16208
- inv. no.4079 – wet piece, 1 ex., col. în Jiu, Craiova, old inv. no. 16209
- inv. no.17980 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17981 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17982 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17983 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17984 – wet piece, 1 ex., donation C. Sorescu
- inv. no.52461 – wet piece, 1 ex., col. Parc, Dolj

**Fam. Viperidae**

*Vipera ammodytes* (Linnaeus 1758)

- inv. no.189 – wet piece, 1 ex., FOND VECHI, old inv. no. 1646
- inv. no.190 – wet piece, 1 ex., FOND VECHI, old inv. no. 1647
- inv. no.4075 – naturalized piece, 1 ex., col. Munții Bucegi, old inv. no. 16205
- inv. no.4464 – wet piece, 1 ex., col. Cheile Sohodolului, old inv. no. 17444
- inv. no.7415 – wet piece, 1 ex., col. Valea Albă, Vâlcea
- inv. no.17985 – wet piece, 1 ex., donation C. Sorescu
- inv. no.17986 – wet piece, 1 ex., donation C. Sorescu
- inv. no.42798 – wet piece, 1 ex., col. Herculan
- inv. no.52465 – wet piece, 1 ex., col. Munții Cernei, Mehedinți

Exotic species:

*Trachemis scripta*

- inv. no.52472 – wet piece, 1 ex., col. Balta Gura Motru
- inv. no.52473 – naturalized piece, 1 ex., col. Bâlta
- inv. no.54760 – wet piece, 1 ex., donation

*Varanus* sp.

- inv. no.44589 – wet piece, 1 ex., donation

*Pogona vitticeps*

- inv. no.44590 – wet piece, 1 ex., donation

*Python reticulatus*

- inv. no.52468 – wet piece, 1 ex., acquisition

Undetermined

- inv. no.52469 – wet piece, 1 ex., acquisition

*Crotalus* sp.

- inv. no.54005 – wet piece, 1 ex., acquisition

The following is a reference to the ecological characteristics and conservation status of the species in the collection, most of which are vulnerable, endangered or threatened with extinction (COGĂLNICEANU, 2002; TOROK et al., 2013).

*Testudo graeca ibera* is a species adapted to both forests and anthropized habitats, being more common at the edge of forests and in habitats with bushes, but it can also be present in areas without wood vegetation. In the “Red Book of Vertebrates of Romania”, it is included as a threatened species. Its status at the EU level is that of vulnerable species.

*Testudo hermanni* is a species adapted to both arid habitats and areas with higher humidity. It lives in meadows, forests or vineyards. Its status in the “Red Book of Vertebrates of Romania” is that of endangered species. At the EU level, it is a near-threatened species.

*Emys orbicularis* is a species that prefers aquatic habitats, being sensitive to water quality. It is found in standing and flowing waters, puddles, lakes, rivers with a smooth course, in the plains and hills. Both In the “Red Book of Vertebrates in Romania” and at the EU level, it has a vulnerable species status.

*Ablepharus kitaibelii* is a species that is found only in the South of Romania and that prefers forest-stemic oak, with ridges and glades. In the “Red Book of Vertebrates of Romania”, it is referred to as an endangered species. Its status at the EU level is common.

*Lacerta agilis* is found in all regions of the country and lives in open, sunny habitats, with forest ridges and meadows or glades. It is rarely found in forests. Its status at the EU level is common.

*Lacerta viridis* is a species found in all regions of the country, preferring rocky areas and grassy vegetation, forest glades or their edge and rare bushes. Its status at the EU level is common.

*Podarcis muralis* lives on rocky coasts, rocky biotopes, with or without vegetation cover, where there are sunny places. In the “Red Book of Vertebrates of Romania”, it is listed as a vulnerable species, Its status at the EU level is that of leading concern.

*Podarcis taurica* is found predominantly in the south of Romania and lives in sandy or rocky places with rare arbustive vegetation, sometimes it is found at the edge of forests or on the shore of lakes. In the “Red Book of Vertebrates of Romania”, it has an almost-threatened species status. Its status at the EU level is common.

*Zootoca vivipara* is a hard to spot species because it hides within vegetation. It is a mountain species, which can reach the alpine habitats, very rarely at low altitudes. Its status at the EU level is common.

*Anguis fragilis* lives in most of the country, preferring deciduous and coniferous forests, meadows, orchards and forest ridges. Its status in the “Red Book of Vertebrates of Romania” is that of vulnerable species.

*Dolichophis caspius* is found in the plains in the south, southeast and rarely in eastern Romania. It prefers open habitats, ridges, skylights, tree fields and shrubs that provide shelter. In the “Red Book of Vertebrates of Romania”, it is listed as a vulnerable species. At the EU level it has the status of a lead concern.

*Elaphe longissima* is a species found from the plain and up to an altitude of about 800 meters in Romania. It has a wide area, being found in forests with dry land, lights, bushes, ruins, walls, sometimes in wet areas, swampy or river valleys, where it is hidden in vegetation. In the “Red Book of Vertebrates of Romania”, it is included as a vulnerable species. Its status at the EU level is common.

*Coronella austriaca* is a species found in almost all regions of Romania, in dry and sunny areas, where there is grassy vegetation and bushes and is missing from wet areas. In the “Red Book of Vertebrates of Romania”, it is included as a vulnerable species. Its status at the EU level is common.

*Natrix natrix* is a species that is found both near water and in forests, fields or near human dwellings. Its status at the EU level is common.

*Natrix tessellata* is a species spread throughout most of Romania, living in and around standing and flowing waters. It is found in sweet, brackish and salty waters. In the “Red Book of Vertebrates of Romania”, it is noted as an almost threatened species. Its status at the EU level is common.

*Vipera ammodytes* is a species that prefers rocky slopes with bushes, forest ridges, regions with bushes and stones. In the “Red Book of Vertebrates of Romania”, it is listed as a threatened species. Its status at the EU level is common.

## CONCLUSIONS

The collection of reptiles from the patrimony of the Department of Natural Sciences contains 282 specimens belonging to 16 native species, grouped in 2 orders and 6 families and 6 exotic species.

The scientific importance is reflected in the presence of vulnerable species (*Emys orbicularis*, *Podarcis muralis*, *Anguis fragilis*, *Dolichophis caspius*, *Elaphe longissima*, *Coronella austriaca*), endangered (*Testudo hermanni*, *Ablepharus kitaibelii*) or threatened (*Podarcis taurica*, *Natrix tessellate*, *Vipera ammodytes*) in the fauna of Romania, compared to the rest of the EU States where their conservation status is slightly worrying.

The creation of this catalogue was imposed by the need to systematize the data currently available on reptiles and is an effective means of knowing this group of organisms by specialists (ALEXANDRU, 2022).

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