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Checklist of Bulgarian Freshwater Fishes

Milen V. Vassilev¹, Luchezar Z. Pehlivanov²

Abstract: The present checklist includes 154 species and subspecies of fishes belonging to 98 genera, 46 families and 17 orders. The Latin (scientific), English and Bulgarian names, basic synonyms and some taxonomic and nomenclature changes are given. The areals and the natural protection status of species according to the Bern Convention, the Bulgarian Red Book and IUCN Red List are noted.

Key words: checklist, freshwater fishes, Bulgaria

Introduction

In the term “freshwater fishes” we have included all permanent and temporary inhabitants of fresh waters (rivers, lakes, dams and marshes) and brackish waters (mouths of Black Sea tributaries and coastal lakes). The pure marine species are noted with the letter M in parentheses. These species number 47 from all the 154 recorded taxa. The checklist includes also specially or unvoluntarily introduced species, whose number is 21. They are noted with the letter I in parentheses.

The genera within the the framework of the family and the species within the framework of the genus are situated in alphabetical order. The synonyms are presented under the scientific name. The given nomenclature and taxonomic changes after BERG (1949), DRENSKY (1951), STOYANOV *et al.* (1963), BANARESCU (1964) and SVETOVIDOV (1964) are made according to works of SVETOVIDOV (1973), MAITLAND (1977, 2000), LINDBERG *et al.* (1980), WHITEHEAD (1986), RASS (1987), KARAPETKOVA, ZHIVKOV (1995), KOTTELAT (1997), RESHETNIKOV *et al.* (1997), KARAPETKOVA *et al.* (1998) and an internet FishBase.

Superclass Agnata

Class Cyclostomata (Cephalaspidomorphi)

1. Order Petromizontiformes

1. Family Petromizontidae BONAPARTE, 1832

1. Genus *Eudontomyzon* REGAN, 1911

1. *Eudontomyzon danfordi* (REGAN, 1911) - Danube Lamprey; BG-Dunavska minoga

- *Petromyzon fluviatilis* - KOVACHEV, 1922:136; MOROV, 1931:92.

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- *Lampetra danfordi* et *L. mariae* - DRENSKY, 1935:102.

Danube River basin. Included in the Bulgarian Red Book (1985) as extinct species. In the beginning of the last century it occurred in some Danubian tributaries: Iskar, Vit, Osam, Rusenski Lom (DRENSKY, 1932, 1935, 1951). For the last time it was captured in the Danube River near Ruse (UNDZHIAN, 1964).

2. Genus *Lampetra* BONNATERRE, 1788

2. *Lampetra planeri* (BLOCH, 1784) - European Stream Lamprey; BG-Rucheina minoga

- *Petromyzon planeri* - KOVACHEV, 1922:16; DRENSKY, 1930:680; MOROV, 1931:93.

European fresh waters. In Bulgaria it was announced for the rivers: Danube (near Lom, Oryahovo and Ruse), Iskar and Yantra (KOVACHEV, 1922; DRENSKY, 1951). Included in the Bulgarian Red Book (1985) as extinct species. Included in the Bern Convention (1979).

Superclass Pisces

Class Osteichthyes (Actinopterygii)

2. Order Acipenseriformes

2. Family Acipenseridae BONAPARTE, 1832

3. Genus *Acipenser* LINNAEUS, 1758

3. *Acipenser gueldenstaedti* BRANDT, 1833 - Russian Sturgeon; BG-Ruska esetra
Basins of the Black, Azov and Caspian seas. In Bulgaria it penetrates from the Black Sea into the Danube River for spawning. Valuable species with decreasing stocks. Object of fish-farming. Included in the IUCN Red List of Threatened Animals (1996) as endangered species. The catch and trade are controlled by CITES.

4. *Acipenser nudiventris* LOVETSKY, 1928 - Fringebarbel Sturgeon; BG-Ship
- *Acipenser glaber* - MOROV, 1931:89.

Basins of the Black, Azov, Caspian and Aral seas. In Bulgaria it was caught very rarely only in the Danube River (STOIANOV *et al.*, 1963; MARINOV, 1978). During the last years it has not been announced in the catches (VASSILEV, PEHLIVANOV, 2003). Included in the Bulgarian Red Book (1985) and in the IUCN Red List of Threatened Animals (1996) as endangered species. The catch and trade are controlled by CITES.

5. *Acipenser ruthenus* LINNAEUS, 1758 - Sterlet; BG-Chiga

Basins of the Black, Azov, Caspian, White, Barents and Kara seas. In Bulgaria it inhabits the Danube River. Valuable species with decreasing stocks. Object of fish-farming. Included in the Bern Convention (1979) and in the IUCN Red List of Threatened Animals (1996) as vulnerable species. The catch and trade are controlled by CITES.

6. *Acipenser stellatus* PALLAS, 1771 - Starry Sturgeon; BG-Pastruga

Basins of the Black, Azov, Caspian, Aegean and Adriatic seas. In Bulgaria it enters from the Black Sea into the Danube for spawning. Till the middle of the 20th century it penetrated from the Aegean Sea into the Maritsa River up to Svilengrad (DRENSKY, 1951). Valuable species with decreasing stocks. Included in the Bern Convention (1979) and in the IUCN Red List of Threatened Animals (1996) as endangered species.

7. *Acipenser sturio* LINNAEUS, 1758 - Sturgeon; BG-Atlanticheska esetra

Basins of the European Atlantic coast, the Baltic, Mediterranean, Adriatic, Aegean

and Black seas. In Bulgaria it has not been announced in the catches during the last 50 years. Included in the Bulgarian Red Book (1985) as endangered species, in the Bern Convention (1979) and in the IUCN Red List of Threatened Animals (1996) as critical endangered species. The catch and trade are controlled by CITES.

4. Genus *Huso* BRANDT, 1869

8. *Huso huso* (LINNAEUS, 1758) - Beluga; BG-Moruna

- *Acipenser huso* - MOROV, 1931:84.

Basins of the Black, Azov and Caspian seas. In Bulgaria it is the most valuable sturgeon species for production of caviar. Object of fish-farming. Included in the Bern Convention (1979) and in the IUCN Red List of Threatened Animals (1996) as endangered species. The catch and trade are controlled by CITES.

3. Family Polyodontidae BONAPARTE, 1832

5. Genus *Polyodon* LACEPEDE, 1797

9.(I) *Polyodon spathula* (WALBAUM, 1792) - Mississippi Paddlefish; BG-Veslonos

Freshwater North American species. In Bulgaria it is an object of fish-farming. Introduced accidentally in the Danube River. Included in the IUCN Red List of Threatened Animals (1996) as vulnerable species.

3. Order Clupeiformes

4. Family Clupeidae CUVIER, 1816

6. Genus *Alosa* LINCK, 1790

10. *Alosa caspia bulgarica* (DRENSKY, 1934) - Bulgarian Shad; BG-Rezovski

karagyož

- *Alosa bulgarica* - DRENSKY, 1934:79; BERG, 1948:146

- *Alosa alosa bulgarica* - SVETOVIDOV, 1952

- *Alosa caspia bulgarica* - SVETOVIDOV, 1973

Bulgarian rare endemic, inhabits outflows and lower parts of the Black Sea tributaries Rezovska and Veleka River (DRENSKY, 1951; KARAPETKOVA, 1975, 1991). Its biology is not enough investigated. Included in the Bulgarian Red Book (1985) as endangered.

11. *Alosa caspia nordmanni* (ANTIPA, 1906) - Small Danubian Shad; BG-Harip

- *Alosa nordmanni* - KOVACHEV, 1922:108; MOROV, 1931:79

- *Clupea nordmanni* - DRENSKY, 1930:680

- *Caspialosa tanaica nordmanni* - DRENSKY, 1947/48:18

North-West Black Sea. For reproduction it penetrates in the rivers of Danube, Dnieper and Dniester.

12. *Alosa maeotica* (GRIMM, 1901) - Azov Shad; BG-Blech

- *Clupea maeotica* - DRENSKY, 1947/48:18

- *Caspialosa brashnikovii maeotica* - STOIANOV *et al.*, 1963:57

- *Alosa maeotica* - WHITEHEAD, 1985:202

Basins of the Black and the Azov seas. In Bulgaria it is comparatively rare.

13. *Alosa pontica* (EICHWALD, 1838) - Black Sea (Danubian) Shad; BG-

Karagyož, Dunavska skumria

- *Clupea pontica* - DRENSKY, 1930:680

- *Caspialosa pontica* - DRENSKY, 1947/48:17

- *Caspialosa kessleri pontica* - DRENSKY, 1951:40

- *Alosa kessleri pontica* - STOIANOV *et al.*, 1963:51

- *Alosa pontica* - WHITEHEAD, 1985:204

Basins of the Black and the Azov seas. In Bulgaria it penetrates from the Black Sea into the Danube River for spawning. Valuable species. Included in the Bern Convention (1979).

7. Genus *Clupeonella* KESSLER, 1877

14. *Clupeonella cultriventris* (NORDMAN, 1840) - Lake Sprat; BG-Ezerna tritsona

- *Clupea cultriventris* - DRENSKY, 1924:57

- *Harengula delicatula cultriventris* - DRENSKY, 1947/48:19

- *Clupeonella delicatula et C. d. cultriventris* - DRENSKY, 1947/48:19, 1951:48;

STOIANOV *et al.*, 1963:49

- *Clupeonella cultriventris* - SVETOVIDOV, 1973:101

Basins of the Black and the Azov seas. In Bulgaria it was widely distributed in almost all Black Sea coastal lakes till the middle of the 20th century (DRENSKY, 1951; STOIANOV *et al.*, 1963; GEORGIEV, 1967; KARAPETKOVA, ZHIVKOV, 1995). During the last years it was established only in the Shabla Lake (VASSILEV, 1998, 1999a). Included in the Bulgarian Red Book (1985) as endangered species

5. Family Engraulidae JORDAN, EVERMANN, 1896

8. Genus *Engraulis* Cuvier, 1817

15.(M) *Engraulis encrasicolus ponticus* ALEXANDROV, 1927 - Black Sea

Anchovy; BG-Hamsia

Black Sea subspecies. In Bulgaria it enters in the lower parts of the rivers Veleka and Ropotamo (KARAPETKOVA, 1976; PEHLIVANOV, 1999), and the Mandra Lake (Ouzungeren). Valuable fish.

5. Order Salmoniformes

6. Family Salmonidae RAFINESQUE, 1815

9. Genus *Hucho* GUNTHER, 1866

16. *Hucho hucho* (LINNAEUS, 1758) - Danube Salmon; BG-Dunavska pastarva

- *Salmo hucho* - DRENSKY, 1930:680

Endemic species for the Danube basin. Very rare in the Bulgarian Danube section. Included in the Bern Convention (1979), in the Bulgarian Red Book (1985) and in the IUCN Red List of Threatened Animals (1996) as endangered species.

10. Genus *Oncorhynchus* SUCKLEY, 1861

17.(I) *Oncorhynchus mykiss* (WALBAUM, 1792) - Rainbow Trout; BG-Dagova pastarva

- *Salmo (Trutta) irideus* - MOROV, 1931:69

- *Trutta (Salmo) iridea* - DRENSKY, 1947/48:21, 1951:55

- *Oncorhynchus mykiss* - SMITH, STEARLEY, 1989

This North American species was introduced in Bulgaria in 1934 (KARAPETKOVA, ZHIVKOV, 1995) for fish-farming. Thereafter it is distributed in some mountain rivers, lakes and dams. The Rainbow trout can't spawn naturally in the Bulgarian rivers. Object of sport fishing.

11. Genus *Salmo* LINNAEUS, 1758

18. *Salmo trutta fario* LINNAEUS, 1758 - Stream (Mountain) Trout; BG-Balkanska pastarva

- *Trutta fario* - DRENSKY, 1930:679
- *Trutta fario macropterus* - CHICHKOFF, 1938/39:121
- *Salmo fario fario* et *S. f. macedonica* - DRENSKY, 1951:53

Europe, Asia Minor and North Africa. Introduced in North America and New Zealand. The natural stock of Stream trout in Bulgaria during the last years has decreased considerably. Object of fish-farming and sport fishing.

19.(M) *Salmo trutta labrax* PALLAS, 1811 - Black Sea Trout; BG-Chernomorska pastarva

- *Salmo labrax* - DRENSKY, 1923:71
- *Salmo trutta pallasi* - DRENSKY, 1923:71

Endemic subspecies for the basins of the Black and the Azov seas. It is very rare along the Bulgarian seaside. Single specimens were caught in the Danube near Silistra (MARINOV, 1978).

12. Genus *Salvelinus* RICHARDSON, 1836

20.(I) *Salvelinus fontinalis* (MITCHILL, 1815) - American Brook Trout; BG-Siven

American species brought in Europe in 1884. In Bulgaria it was imported from the Czech Republic in 1930 (KARAPETKOVA, ZHIVKOV, 1995). Inhabits some lakes and dams in the Rila Mountains. Object of fish-farming.

7. Family Coregonidae COPE, 1872

13. Genus *Coregonus* LACEPEDE, 1804

21.(I) *Coregonus albula* (LINNAEUS, 1758) - Vendace; BG-Ryapushka

Basins of the White, the Baltic and the Barents seas, and Upper Volga (RESHETNIKOV, 1980). In Bulgaria it was imported in 1964 (KARAPETKOVA, ZHIVKOV, 1995) and introduced in the Batak, Dospat and Iskar dams. Included in the Bern Convention (1979).

22.(I) *Coregonus lavaretus* (LINNAEUS, 1758) - Common Whitefish; BG-Sig

Rivers and lakes of the Circumpolar region. In Bulgaria it was introduced in the dams of Iskar and Dushantsi (KARAPETKOVA, ZHIVKOV, 1995). Included in the Bern Convention (1979).

23.(I) *Coregonus peled* (GMELIN, 1789) - Peled; BG-Peled

Lakes and rivers from the Mezen to the Kolima River, and many lakes in North - West Russia (RESHETNIKOV *et al.*, 1997). In Bulgaria it was introduced in 1970 in the dams of Iskar, Dospat and Dushantsi (KARAPETKOVA, ZHIVKOV, 1995). Included in the Bern Convention (1979).

8. Family Thymallidae GILL, 1884

14. Genus *Thymallus* LINCK, 1790

24.(I) *Thymallus thymallus* (LINNAEUS, 1758) - European Grayling; BG-Lipan

Middle and North Europe. In Bulgaria it was imported from the Czech Republic in the 1970s and placed in the Shiroka polyana dam, and in some Rhodope rivers (KARAPETKOVA, ZHIVKOV, 1995). At present there is not data about its acclimatization. Included in the Bern Convention (1979).

9. Family Esocidae CUVIER, 1816

15. Genus *Esox* LINNAEUS, 1758

25. *Esox lucius* LINNAEUS, 1758 - Northern Pike; BG-Shtuka

Europe, Asia and North America. In Bulgaria it inhabits mostly plain and submountain reservoirs, lakes, marshes and lower parts of rivers. Object of fish-farming and sport fishing.

10. Family Umbridae GUNTER, 1866

16. Genus *Umbra* WALBAUM, 1792

26. *Umbra krameri* WALBAUM, 1792 - European Mudminnow; BG-Umbra

Danube River basin. In the beginning of the 20th century it was present in all marshes along the Bulgarian Danube stretch (KOVACHEV, 1922). After their drying up this species was considered disappeared from the Bulgarian ichthyofauna. Its presence was proved in 2003 (VELKOV *et al.*, 2004) only for the Srebarna Lake (North-East Bulgaria). Included in the Bern Convention (1979) and in the IUCN Red List of Threatened Animals (1996) as vulnerable species.

6. Order Cypriniformes

11. Family Cyprinidae BONAPARTE, 1832

17. Genus *Abramis* CUVIER, 1816

27. *Abramis ballerus* (LINNAEUS, 1758) - Blue Bream; BG-Chil kosat

European species from the basins of the Baltic, North, Black, Azov and Caspian seas. In Bulgaria it inhabits the Danube River and the mouths of its tributaries. Included in the Bern Convention (1979).

28. *Abramis brama* (LINNAEUS, 1758) - Common Bream; BG-Platika

Almost all Europe. Acclimatized in the Asian part of Russia (RESHETNIKOV *et al.*, 1997). In Bulgaria it inhabits the Danube River, the mouths of its tributaries, Shabla Lake and most plain and submountain dams. Valuable fishing species.

29. *Abramis sapa* (PALLAS, 1814) - Whiteye Bream; BG-Nemski kosat

Basins of the Black, Azov, Caspian and Aral seas. In Bulgaria it occurs in the Danube and outflows its biggest tributaries. Included in the Bern Convention (1979).

18. Genus *Alburnoides* JEITTELES, 1861

30. *Alburnoides bipunctatus* (BLOCH, 1782) - Schneider; BG-Govedarka

Central, East and South-East Europe. In Bulgaria it inhabits most rivers. For the Bulgarian ichthyofauna 3 subspecies were described: *A. b. bipunctatus* (BLOCH), *A. b. tzanevi* (CHICHKOFF, 1933) and *A. b. strymonicus* (CHICHKOFF 1940). MARINOV (1989) unifies all subspecies into the typical *A. b. bipunctatus*. Included in the Bern Convention (1979).

19. Genus *Alburnus* RAFINESQUE, 1820

31. *Alburnus alburnus* (LINNAEUS, 1758) - Common Bleak; BG-Uklei

- *Alburnus alborella* - KOVACHEV, 1922:79

- *Alburnus lucidus* - KOVACHEV, 1922:77; MOROV, 1931:53

European species. In Bulgaria it occurs in reservoirs and rivers from the Danube River, in the basins of the Black and the Aegean seas. Object of sport fishing.

20. Genus *Aristichthys* OSHIMA, 1919

32.(I) *Aristichthys nobilis* (RICHARDSON, 1846) - Bighead carp; BG-Pastar tolstolob.

Artificially settled from its native areal (South China) in Europe and North-West Asia. In Bulgaria it inhabits the Danube River and the biggest plain and submountain dams. Valuable species, object of fish-farming.

21. Genus *Aspius* AGASSIZ, 1832

33. *Aspius aspius* (LINNAEUS, 1758) - Asp; BG-Rasper
- *Aspius rapax* - KOVACHEV, 1922:80; DRENSKY, 1930:679

Basins of the Black, Azov, Aegean, Caspian, Baltic and North seas. In Bulgaria it inhabits the Danube Rivers at present. Till the middle of the 20th century it was reported (DRENSKY, 1951) also from the rivers Maritsa, Tundzha and Struma (Aegean Sea basin), and Kamchia (Black Sea basin). Comparatively rare species, included in the Bern Convention (1979).

22. Genus *Barbus* CUVIER, CLOQUET, 1816

34. *Barbus barbus* (LINNAEUS, 1758) - Common Barbel; BG-Byala mryana
- *Barbus fluviatilis* - KOVACHEV, 1922:66; DRENSKY, 1930:679
- *Barbus vulgaris* - KOVACHEV, 1922:66

European species. In Bulgaria it occurs in the Danube River and in its tributaries. Valuable fishing species.

35. *Barbus cyclolepis* HECKEL, 1840 - Maritsa (Turkish) Barbel; BG-Marishka mryana

- *Barbus barbus cyclolepis* - CHICHKOFF, 1934/35:315; DRENSKY, 1947/48:27
- *Barbus tauricus* et *B. t. cyclolepis* - DRENSKY, 1930:671, 1951:90
- *Barbus cyclolepis* - MARINOV, 1989:158

Endemic for the Aegean Sea basin of the Balkan Peninsula and Asia Minor. In Bulgaria it inhabits watersheds of the rivers Struma, Mesta and Maritsa. Object of sport fishing.

36. *Barbus petenyi* HECKEL, 1847 - Balkan (Black) Barbel; BG-Cherna mryana
- *Barbus meridionalis petenyi* - DRENSKY, 1951:92; KARAPETKOVA, ZHIVKOV, 1995:120

- *Barbus petenyi* - KOTLIK *et al.*, 2002:227

European species from the Danube River watershed. In Bulgaria it inhabits the upper streams of the Danubian tributaries and Kamchia River (Black Sea basin), (KARAPETKOVA, 1976; MARINOV, 1989). Object of sport fishing. Included in the Bern Convention (1979).

37. *Barbus tauricus bergi* (CHICHKOFF, 1935) - Seaboard Barbel; BG-Kraimorska mryana

- *Barbus barbus bergi* - CHICHKOFF, 1934/35:305
- *Barbus barbus botysthenicus* - DRENSKY, 1947/48:27, 1951:89
- *Barbus tauricus tauricus* - PESHEV, 1971:408
- *Barbus tauricus bergi* - MARINOV, 1989:146

Endemic for the Bulgarian Black Sea tributaries (MARINOV, 1989; BANARESCU, BOGUTSKAYA, 2003).

23. Genus *Blicca* HECKEL, 1843

38. *Blicca bjoerkna* (LINNAEUS, 1758) - Silver (White) Bream; BG-Babka
- *Abramis bjoerkna* - MOROV, 1931:61

European species. In Bulgaria it is comparatively rare, inhabits the Danube River, the mouths of its tributaries and the lower Kamchia River (Black Sea basin).

24. Genus *Carassius* JAROCKI, 1822

39. *Carassius auratus gibelio* BLOCH, 1782 - Prussian Carp; BG-Srebrista karakuda

Euro-Asian subspecies. In Bulgaria it is widely distributed in most marshes, plain and submountain lakes, dams and rivers. Object of fishing.

40. *Carassius carassius* (LINNAEUS, 1758) - Crucian Carp; BG-Zlatista karakuda
- *Carassius vulgaris* - KOVACHEV, 1922:61; DRENSKY, 1930:679

Euro-Asian species. In Bulgaria it is widely distributed.

25. Genus *Chalcalburnus* BERG, 1932

41. *Chalcalburnus chalcoides* (GUELLENSTAEDT, 1772) - Ponto-Caspian Bleak; BG-Briyana

Basins of the Black, Azov and Caspian seas. For Bulgaria three subspecies were described from different authors (KOVACHEV, 1922; MOROV, 1931; DRENSKY, 1951): *Ch. ch. mento* (AGASSIZ) - inhabits the lower Danube; *Ch. ch. mandrensis* DRENSKY - endemic for the Mandra Lake (Black Sea basin); *Ch. ch. chichkovi* DRENSKY - endemic for the rivers Veleka and Rezovska (Black Sea basin). The taxonomic status of these subspecies needs revision. The nominative species is included in the Bern Convention (1979) and in the Bulgarian Red Book (1985) as endangered.

26. Genus *Chondrostoma* AGASSIZ, 1835

42. *Chondrostoma nasus* (LINNAEUS, 1758) - Common Nase (Sneep); BG-Skobar
European species. In Bulgaria it is common species, inhabits rivers of the Danube watershed. Included in the Bern Convention (1979).

43. *Chondrostoma vardarense* KARAMAN, 1928 - Vardar Nase; BG-Vardarski skobar

- *Chondrostoma nasus vardarense* - CHICHKOFF, 1938/39; DRENSKY, 1951:80
- *Chondrostoma vardarense* - ELVIRA, 1997:9

Endemic for the Aegean basin of the Balkan Peninsula. In Bulgaria it inhabits the watershed of the rivers Maritsa, Mesta and Struma.

27. Genus *Ctenopharyngodon* STEINDACHNER, 1866

44.(I) *Ctenopharyngodon idella* (VALENCIENNES, 1844) - Grass Carp; BG-Byal amur

Eastern Asian species. In Bulgaria it was introduced from Russia in 1964 (KARAPETKOVA, ZHIVKOV, 1995) for fish-farming. Inhabits the Danube River and most plain biggest reservoirs.

28. Genus *Cyprinus* LINNAEUS, 1758

45. *Cyprinus carpio* LINNAEUS, 1758 - Common Carp; BG-Sharan

The natural areal of this species spreads in the water basins of two regions: Ponto-Caspian-Aral and South-East Asia. At present it is widely distributed in almost the whole world. In Bulgaria it inhabits rivers, plain and submountain lakes and dams from the Danube, the Black and the Aegean seas watershed. Valuable fishing species, main object of fish-farming. The wild (Danubian) form is included in the Bulgarian Red Book (1985) as endangered.

29. Genus *Gobio* CUVIER, 1816

46. *Gobio albipinnatus* LUKASCH, 1933 - Whitefin Gudgeon; BG-Belopera krotushka

Endemic for the Danube basin. In Bulgaria it inhabits the Danube and its tributaries (MARINOV, 1967, 1989). Rare species. Included in the Bern Convention (1979).

47. *Gobio gobio* (LINNAEUS, 1758) - Common Gudgeon; BG-Obiknovena krotushka
 - *Gobio fluviatilis* - KOVACHEV, 1922:62
 Euro-Asian species. In Bulgaria widely distributed in most rivers.
48. *Gobio kessleri* DYBOWSKI, 1862 - Kessler's Gudgeon; BG-Balkanska krotushka
 - *Gobio similis* - CHICHKOFF, 1929:153; MOROV, 1931:37
 - *Gobio carpathorossicus* - DRENSKY, 1931:669
 - *Gobio kessleri* - BERG, 1948:411
 Endemic for the Danube Basin. In Bulgaria it inhabits the middle parts of the Danubian tributaries. Included in the Bern Convention (1979).
49. *Gobio uranoscopus* (AGASSIZ, 1828) - Danubian (Longbarbel) Gudgeon; BG-Malka krotushka
 Endemic for the Eastern Danube basin. In Bulgaria rare species from the middle parts of the Danubian tributaries (KOVACHEV, 1922). Included in the Bern Convention (1979).
30. Genus *Hypophthalmichthys* BLEEKER, 1859
 50.(I) *Hypophthalmichthys molitrix* (VALENCIENNES, 1844) - Silver Carp; BG-Byal tolstolob
 East-South Asian species, widely distributed in most European and Asian regions, and some North-African lakes. In Bulgaria it inhabits the Danube River and most plain and submountain lakes and dams (KARAPETKOVA, ZHIVKOV, 1995). Valuable fishing species, object of fish-farming. In the lower Danube it can spawn naturally.
31. Genus *Leucaspis* HECKEL, KNER, 1858
 51. *Leucaspis delineatus* (HECKEL, 1843) - Belica; BG-Varlovka
 Central-East European species. In Bulgaria it occurs in the Danube River and in the lower part of the Kamchia River (MANOLOV, SIVKOV, 1977a). Rare species, included in the Bern Convention (1979) and in the Bulgarian Red Book (1985) as endangered.
32. Genus *Leuciscus* CUVIER, 1816
 52. *Leuciscus borysthenicus* (KESSLER, 1859) - Black Sea Chub; BG-Malak rechen kefal
 - *Squalus borysthenicus* - CHICHKOFF, 1929:7
 Basins of the Black, Azov, Marmara and Aegean seas. In Bulgaria it inhabits the middle and lower parts of the Black and Aegean seas tributaries and the adjacent marshes. MARINOV, JANKOV (1989) have described a new subspecies *L. b. strymonicus* for the rivers from the Aegean Sea basin. Its validity needs confirmation.
53. *Leuciscus cephalus* (LINNAEUS, 1758) - Common Chub; BG-Rechen kefal
 - *Squalius cephalus* - KOVACHEV, 1922:89
 - *Leuciscus cephalus orientalis* - DRENSKY, 1926:135
 Euro-Central Asian species. In Bulgaria it is widely distributed in most rivers and dams.
54. *Leuciscus idus* (LINNAEUS, 1758) - Orfe; BG-Mazdruga
 - *Idus melanotus* - KOVACHEV, 1922:83; DRENSKY, 1930:679
 Euro-Asian species. In Bulgaria it occurs in the Danube River and the mouths of its tributaries

55. *Leuciscus souffia* RISSO, 1826 - Blageon, BG-Planinski kefal
 European species with mosaic mountain distribution. Five subspecies were described. Some authors (MAITLAND, 2000) give them a status of full species. In Bulgaria only two specimens were caught and determined as *L. souffia* (KARAPETKOVA, MARINOV, 1991) in 1988 from the Lower Kremen Lake (Pirin Mountains). For more precise taxonomic specification more material is necessary.
33. Genus *Mylopharyngodon* PETERS, 1881
 56.(I) *Mylopharyngodon piceus* (RICHARDSON, 1846) - Black Carp; BG-Cheren amur
 From its natural areal East Asia it is widely distributed in the rest of Asia and Europe. In Bulgaria it was introduced for fish-farming (KARAPETKOVA, ZHIVKOV, 1995). Now it occurs in the Ovcharitsa Dam (South-East Bulgaria) and probably in the Danube River.
34. Genus *Pelecus* AGASSIZ, 1835
 57. *Pelecus cultratus* (LINNAEUS, 1758) - Chekhon; BG-Sabitsa
 Basins of the Black, Azov, Caspian, Aral and Baltic seas. In Bulgaria it inhabits only the Danube River. Included in the Bern Convention (1979).
35. Genus *Phoxinus* RAFINESQUE, 1820
 58. *Phoxinus phoxinus* (LINNAEUS, 1758) - Common Minnow; BG-Leshanka
 - *Phoxinus laevis* - DRENSKY, 1930:679
 - *Phoxinus phoxinus strandjae* - DRENSKY, 1926: 137
 - *Phoxinus phoxinus colhicus* - BERG, 1949: 591
 Euro-Asian species. In Bulgaria it is widely distributed in the upper parts of most rivers. Introduced by anglers in most Rila Mountain lakes (BERON *et al.*, 2000; RAIKOVA-PETROVA, 2000). For the Bulgarian ichthyofauna two subspecies were described - *Ph. ph. strandjae* DRENSKY, 1926 and *Ph. ph. colhicus* BERG, 1932. Later MARINOV (1989) synonymized these subspecies to the nominative *Ph. ph. phoxinus*.
36. Genus *Pseudorasbora* BLEEKER, 1859
 59.(I) *Pseudorasbora parva* (TEMMINCK, SCHLEGEL, 1846) - False Harlequin; BG-Pseudorazbora
 From its natural areal East Asia it was accidentally distributed in Europe and Asia. In Bulgaria it was established in 1976 in the Danube marsh Malak Preslavets and the channels of the Mechka fish farm (MANOLOV, SIVKOV, 1977b). Now it occurs in most plain rivers, marshes and dams.
37. Genus *Rhodeus* AGASSIZ, 1832
 60. *Rhodeus sericeus amarus* (BLOCH, 1782) - Bitterling; BG-Gorchivka
 - *Rhodeus amarus* - KOVACHEV, 1922:68; MOROV, 1931:51
 - *Rhodeus sericeus* - DRENSKY, 1947/48:31
 European subspecies. In Bulgaria it is widely distributed in the middle and lower parts of rivers, marshes, plain and submountain dams and lakes. Included in the Bern Convention (1979).
38. Genus *Rutilus* RAFINESQUE, 1820
 61. *Rutilus frisii* (NORDMAN, 1840) - Pearl Roach; BG-Lupavets
 - *Rutilus frisii velecensis* - CHICHKOFF, 1932:355; DRENSKY, 1947/48:23
 Ponto-Caspian species. In Bulgaria it is very rare, inhabits the lower parts of the

Black Sea rivers Karaach, Tsarevska, Veleka and Rezovska (KARAPETKOVA, ZHIVKOV, 1995). Included in the Bern Convention (1979) and the Bulgarian Red Book (1985) as endangered species.

62. *Rutilus rutilus* (LINNAEUS, 1758) - Common Roach; BG-Babushka
- *Leuciscus rutilus* - KOVACHEV, 1922:57; MOROV, 1931:41

Euro-Asian species. In Bulgaria it is widely distributed in the middle and lower parts of rivers, marshes, plain and submountain dams and lakes. MARINOV (1989) considers that in Bulgaria the species is represented by subspecies *R. r. mariza* DRENSKY. Object of sport fishing.

39. Genus *Scardinius* BONAPARTE, 1837

63. *Scardinius erythrophthalmus* (LINNAEUS, 1758) - Common Rudd; BG-Chervenoperka

- *Leuciscus erythrophthalmus* - MOROV, 1931:47

Europe, Asia Minor and Central Asia. In Bulgaria it is widely distributed in the lower and middle parts of rivers, marshes, dams and lakes. Object of sport fishing.

40. Genus *Tinca* CUVIER, 1816

64. *Tinca tinca* (LINNAEUS, 1758) - Tench; BG-Lin
- *Tinca vulgaris* - KOVACHEV, 1922:62; DRENSKY, 1930:679

Euro-Siberian species. In Bulgaria it occurs in the lower and middle parts of rivers, plain and submountain dams, lakes and marshes. Object of sport fishing.

41. Genus *Vimba* FITZINGER, 1873

65. *Vimba vimba* (LINNAEUS, 1758) - Common Vimba; BG-Morunash
- *Vimba vimba carinata* - DRENSKY, 1947/48:30
- *Vimba vimba vimba* - BANARESCU *et al.*, 1970:23

Basins of the Baltic, Black, Azov and Caspian seas. In Bulgaria it inhabits rivers, marshes and dams from the Danube watershed.

66. *Vimba vimba tenella* (NORDMAN, 1840) - Small Vimba; BG-Malak morunash

Endemic for the Black Sea basin. In Bulgaria it occurs in the Black Sea tributaries (KARAPETKOVA, ZHIVKOV, 1985).

67. *Vimba melanops* HECKEL, 1840 - Dark (Maritsa) Vimba; BG-Marishki morunash

- *Vimba vimba melanops* - DRENSKY, 1947/48:31

Endemic for the Aegean Sea basin. In Bulgaria it is distributed in the watershed of the rivers Struma, Mesta and Maritsa. Included in the IUCN Red List of Threatened Animals (1996) as vulnerable species.

12. Family Catostomidae COPE, 1871

42. Genus *Ictiobus* RAFINESQUE, 1820

68.(I) *Ictiobus bubalus* (RAFINESQUE, 1819) - Smallmouth Buffalo; BG-Malkousto bufalo

The natural areal is North America. In Bulgaria it was introduced from Russia in 1977 (KARAPETKOVA, ZHIVKOV, 1995) together with other Buffalos for fish-farming. Now it occurs in Kardzhali and Ovcharitsa dams (South-East Bulgaria).

69.(I) *Ictiobus cyprinellus* (VALENCIENNES, 1884) - Bigmouth Buffalo; BG-Golyamousto bufalo

Distributed from North America in Europe for fish-farming. In Bulgaria it inhabits the dams Kardzhali, Ovcharitsa (KARAPETKOVA, ZHIVKOV, 1995) and probably Koprinka.

70.(I) *Ictiobus niger* (RAFINESQUE, 1820) - Black Buffalo; BG-Cherno bufalo

Its contemporary availability in Bulgaria (possible in the Ovcharitsa Dam) needs confirmation.

13. Family Balitoridae SWAINSON, 1839

43. Genus *Barbatula* LINCK, 1790

71. *Barbatula barbatula* (LINNAEUS, 1758) - Stone Loach; BG-Gulesh
- *Cobitis barbatulus* - KOVACHEV, 1922:96; MOROV, 1931:65
- *Nemachilus barbatulus* - DRENSKY, 1931:679, 1951:120
- *Barbatula barbatula* - KOTTELAT, 1990:18

European species. In Bulgaria it is widely distributed in the upper and middle parts of the Danube tributaries and the Kamchia River (Black Sea tributary).

72. *Barbatula bureschi* (DRENSKY, 1928) - Struma Loach; BG-Strumski gulesh

- *Nemachilus angorae bureschi* - CHICHKOFF, 1938/39:124; KARAPETKOVA ZHIVKOV, 1995:130

- *Noemacheilus bureschi* - VASSILEV, PEHLIVANOV, 2002:104
- *Barbatula bureschi* - MAITLAND, 2000:11

Endemic for the Bulgarian rivers from the Aegean Sea watershed.

14. Family Cobitidae SWAINSON, 1839

44. Genus *Cobitis* LINNAEUS, 1758

73. *Cobitis elongata* HECKEL, KNER, 1858 - Balkan Loach; BG-Goliam shtipok

Endemic for the watershed of the lower Danube River. In Bulgaria it inhabits the Danube, the middle and lower parts of its tributaries (MARINOV, 1966; SIVKOV, 1989). Included in the Bern Convention (1979).

74. *Cobitis peshevi* SIVKOV, DOBROVOLOV, 1984 - Peshev's Loach; BG-Malak shtipok

Bulgarian endemic for rivers from the Black Sea watershed.

75. *Cobitis rhodopensis* VASSILEV, 1998 - Rhodope Loach; BG-Rodopski shtipok

Bulgarian endemic, established for the right tributaries of the Arda River in the East Rhodope Mountains (Aegean Sea basin).

76. *Cobitis strumicae* KARAMAN, 1955 - Strumica Loach; BG-Strumski shtipok

- *Cobitis taenia strumicae* - KARAMAN, 1955:190
- *Cobitis strumicae* - ECONOMIDIS, NALBANT, 1996:305

Endemic for the rivers of the Aegean Sea basin. ECONOMIDIS, NALBANT (1996) suppose its distribution in the middle and lower parts of the rivers Struma, Mesta and Maritsa. In Bulgaria it is established in the watershed of the Stuma River (VASSILEV, PEHLIVANOV, 2002).

IVANOVA, DOBROVOLOV (2002) have tried to synonymize the last three species: *C. peshevi*, *C. rhodopensis* and *C. strumicae* under the name *Cobitis albicollis* CHICHKOFF, 1932. We do not accept the existence of this species, because the name *C. albicollis* was used by CHICHKOFF (1932) for description of a new species on the basis of only one very badly conserved (discoloured) specimen belonging to the Genus *Sabanejewia*. Later this "species" was synonymized by DRENSKY (1947/48) as *Cobitis (Sabanejewia) bulgarica*.

77. *Cobitis taenia* LINNAEUS, 1758 - Spined Loach; BG-Obiknoven shtipok

European species. Its areal needs specification. Most of its previous subspecies are examined as full species now. Widely distributed in Bulgaria. Included in the Bern Convention (1979).

45. Genus *Misgurnus* LACEPEDE, 1803

78. *Misgurnus fossilis* (LINNAEUS, 1758) - Weather Loach; BG-Viun

- *Cobitis fossilis* - KOVACHEV, 1922:95; MOROV, 1931:64

European species. In Bulgaria it inhabits lower parts of rivers, plain lakes, dams and marshes. Included in the Bern Convention (1979).

46. Genus *Sabanejewia* VLADIKOV, 1929

79. *Sabanejewia balcanica* KARAMAN, 1922 - Golden (Balkan) Loach; BG-Balkanski shtipok

- *Cobitis aurata* et *C. a. balcanica* - DRENSKY, 1923:306, 1947/48:34

- *Cobitis balcanica* - DRENSKY, 1928:169

- *Sabanejewia aurata balcanica* - KARAPETKOVA, ZHIVKOV, 1995:134

- *Sabanejewia balcanica* - MAITLAND, 2000:11

Endemic for the Balkan Peninsula. In Bulgaria it inhabits rivers from the Danube and the Aegean Sea basins. Included in the Bern Convention (1979).

80. *Sabanejewia bulgarica* (DRENSKY, 1928) - Bulgarian Loach; BG-Bulgarski shtipok

- *Cobitis bulgarica* - DRENSKY, 1928:171

- *Cobitis albicollis* - CHICHKOFF, 1932:368

- *Cobitis aurata bulgarica* - BANARESCU, 1964:543

- *Sabanejewia bulgarica* - KARAPETKOVA, ZHIVKOV, 1995:134

Endemic for the lower part of the Danube River. In Bulgaria it occurs in the Danube and the mouths of its tributaries.

7. Order Siluriformes

15. Family Siluridae CUVIER, 1816

47. Genus *Silurus* LINNAEUS, 1758

81. *Silurus glanis* LINNAEUS, 1758 - Wels Catfish; BG-Som

European species. In Bulgaria it inhabits the middle and lower parts of the biggest rivers, plain and submountain lakes and dams. Valuable species, object of fishing and fish-farming. Included in the Bern Convention (1979).

16. Family Ictaluridae TAYLOR, 1954

48. Genus *Ictalurus* RAFINESQUE, 1820

82.(I) *Ictalurus nebulosus* (LESUEUR, 1819) - Brown Bullhead; BG-Amerikanski som

North-American species, introduced in Europe. In Bulgaria it occurs in the Ovcharitsa Dam (KARAPETKOVA, ZHIVKOV, 1995).

83.(I) *Ictalurus punctatus* (RAFINESQUE, 1818) - Channel Catfish; BG-Kanalen som.

North-American species, introduced in Europe for fish-farming. In Bulgaria it was imported from Russia (KARAPETKOVA, ZHIVKOV, 1995). Inhabits the Ovcharitsa Dam and probably the dams of Koprinka and Zhrebchevo.

8. Order Anguilliformes

17. Family Anguillidae RAFINESQUE, 1810

49. Genus *Anguilla* SCHRANK, 1798

84. *Anguilla anguilla* (LINNAEUS, 1758) - European Eel; BG-Rechna zmiorka.

Migratory species spawning in the Sargasso Sea and after migration with the Gulf Stream settles in European water basins. In Bulgaria it is very rare in the watershed of the Danube, the Black and Aegean seas. Included in the Bulgarian Red Book (1985) as endangered.

9. Order Cyprinodontiformes

18. Family Poeciliidae BONAPARTE, 1838

50. Genus *Gambusia* POEY, 1854

85.(I) *Gambusia affinis holbrooki* GIRARD, 1859 - Mosquito Fish; BG-Gambusia

Distributed in Europe from North America for struggle against the mosquito larvae. In Bulgaria it was introduced in the Burgas lakes (Black Sea) from Italy in 1924. It was reported for the rivers Kamchia, Ropotamo, the seaboard marshes Mazen azmak, Arkutino, Stamopolu and Alepu, thermal lakes Rupite - Struma River (KARAPETKOVA, PESHEV, 1973; KARAPETKOVA, 1974, 1976; PEHLIVANOV, 1999; VASSILEV, 1999).

Its contemporary distribution needs clarification.

51. Genus *Poecilia* BLOCH, SCHNEIDER, 1801

86.(I) *Poecilia reticulata* PETERS, 1859 - Guppy; BG-Gupi

South American species, imported in Europe in 1908 as an aquarium fish. In Bulgaria it inhabits the part of Pancharevo Lake (near Sofia) with mineral spring. Probably it occurs in another thermal water basins in nature.

10. Order Atheriniformes

19. Family Atherinidae GUNTHER, 1861

52. Genus *Atherina* LINNAEUS, 1758

87.(M) *Atherina boyeri* RISSO, 1810 - Bigscale Silverside; BG-Atherina

- *Atherina pontica* - CHICHKOFF, 1912:38; DRENSKY, 1923:80

- *Atherina mochon pontica* - DRENSKY, 1947/48:36; STOYANOV *et al.*, 1963:216

- *Atherina boyeri* - KEINER, SPILLMAN, 1973:577

Ponto-Caspian species. In Bulgaria it inhabits the Black Sea, the lower parts of its tributaries and coastal lakes (PESHEV, 1969, 1970; KARAPETKOVA, PESHEV, 1973; KARAPETKOVA, ZHIVKOV, 1995). Included in the Bulgarian Red Book (1985) as endangered. RESHETNIKOV *et al.* (1997) consider that in the Black and Azov seas this species is represented by the subspecies *A. b. pontica* (EICHWALD).

11. Order Gadiformes

20. Family Lotidae JORDAN, EVERMANN, 1898

53. Genus *Lota* OKEN, 1817

88. *Lota lota* (LINNAEUS, 1758) - Burbot; BG-Mihaltsa

Boreal freshwater species. In Bulgaria it lives in the Danube River and this is the end of its areal in South-East Europe. Comparatively rare species, included in the Bulgarian Red Book (1985) as endangered.

21. Family Gadidae REGAN, 1903

54. Genus *Gaidropsarus* RAFINESQUE, 1810

89.(M) *Gaidropsarus mediterraneus* (LINNAEUS, 1758) - Sea Burbot; BG-Galya
- *Gaidropsarus (Motella) tricirrhata* - CHICHKOFF, 1912:38; DRENSKY, 1923:109
European Atlantic shore, Mediterranean Sea basin and Black Sea. In Bulgaria it enters the mouths of the rivers Kamchia, Ropotamo and Veleka (KARAPETKOVA, 1976; PEHLIVANOV, 1999).

12. Order Gasterosteiformes

22. Family Gasterosteidae BONAPARTE, 1831

55. Genus *Gasterosteus* LINNAEUS, 1758

90. *Gasterosteus aculeatus* LINNAEUS, 1758 - Three-spined Stickleback; BG-Triiglena bodlivka

Euryhaline boreal species. In Bulgaria it inhabits the Black Sea shore, the coastal lakes and the mouths of sea tributaries. It was announced also for several marshes along the Maritsa River - Aegean Sea basin (KARAPETKOVA, ZHIVKOV, 1995). Included in the Bulgarian Red Book as endangered.

56. Genus *Pungitius* COSTE, 1848

91. *Pungitius platygaster* (KESSLER, 1859) - Southern Nine-spined Stickleback; BG-Devetoiglena bodlivka

Euryhaline Aral-Ponto-Caspian species. In Bulgaria it inhabits seaboard lakes, marshes and lower parts of sea tributaries (PESHEV, 1970; KARAPETKOVA, 1976; VASSILEV, 1998a, 1999). It occurs also in the Srebarna Lake - Danube basin (PEHLIVANOV, 2000a). Included in the Bern Convention (1979) and in the Bulgarian Red Book (1985) as endangered.

13. Order Syngnathiformes

23. Family Syngnathidae RAFINESQUE, 1810

57. Genus *Nerophis* RAFINESQUE, 1810

92. (M) *Nerophis ophidion* (LINNAEUS, 1758) - Straightnose Pipefish; BG-Morsko shilo

Euryhaline species from the basins of the Baltic, Azov and Black seas. In Bulgaria it is common for the Black Sea coast, the mouths of its tributaries, seaboard lakes and marshes.

58. Genus *Syngnathus* LINNAEUS, 1758

93.(M) *Syngnathus abaster* RISSO, 1826 - Shore Pipefish; BG-Chernoivichesta igla

- *Syngnathus nigrolineatus* - DRENSKY, 1951:161

- *Syngnathus abaster* - RASS, 1987:180

Endemic for the Black and Azov Sea basins. Euryhaline invasive species. In Bulgaria widely distributed along the Black Sea coast, seaboard lakes, marshes, Black Sea tributaries. It has penetrated in the Bulgarian part of the Danube River and now it is one of the dominant species in this region. A few years ago it was announced for the Serbian part of the Danube River (SIMONOVICH, 2001).

94.(M) *Syngnathus typhle* LINNAEUS, 1758 - Deepnose Pipefish; BG-Visokomutsunesta morska igla

- *Syphonostoma typhle* et *S. t. argentatus* - CHICHKOFF, 1912:38; DRENSKY, 1951:162

- *Syngnathus typhle argentatus* - DRENSKY, 1947/48:41; STOYANOV *et al.*, 1963:220; KARAPETKOVA, ZHIVKOV, 1995:146

- *Syngnathus typhle* - LINDBERG *et al.*, 1980:126

Endemic for the Black and Azov Sea basins. Euryhaline species. On the Bulgarian seashore it is widely distributed. Penetrated in mouths of Black Sea tributaries, coastal lakes and marshes.

14. Order Mugiliformes

24. Family Mugilidae CUVIER, 1829

59. Genus *Chelon* POPOV, 1930

95.(M)(I) *Chelon labrosus* RISSO, 1826 - Thicklipped Grey Mullet; BG-Debeloust kefal

Eastern Atlantic Ocean, Baltic, Mediterranean and Black seas. It was announced recently for the Bulgarian ichthyofauna (SIVKOV, SIVKOVA, 2004).

60. Genus *Liza* JORDAN, SWAIN, 1829

96.(M) *Liza aurata* (RISSO, 1810) - Golden Grey Mullet; BG-Platerina

- *Mugil auratus* - CHICHKOFF, 1912:39; DRENSKY, 1951:140; STOYANOV *et al.*, 1963:211

- *Liza aurata* - LINDBERG *et al.*, 1980:136

East Atlantic Ocean, Mediterranean, Black and Azov seas. It was introduced in the Caspian Sea (BERG, 1949). In Bulgaria it is a common species. Penetrates in the Black Sea tributaries and coastal lakes. Valuable species.

97.(M) *Liza ramada* (RISSO, 1826) - Thinlipped Grey Mullet; BG-Tankoust kefal

- *Mugil ramada* - DRENSKY, 1951:142; STOYANOV *et al.*, 1963:215

- *Liza ramada* - LINDBERG *et al.*, 1980:137

East Atlantic Ocean, Mediterranean and Black seas. Penetrates in brackish and fresh waters. Rare species for the Bulgarian ichthyofauna.

98.(M) *Liza saliens* (RISSO, 1810) - Sharpnose Grey Mullet; BG-Ilaria

- *Mugil saliens* - CHICHKOFF, 1912:39; DRENSKY, 1951:141; STOYANOV *et al.*, 1963:213

- *Liza saliens* - LINDBERG *et al.*, 1980:137

East Atlantic Ocean, Mediterranean, Black and Azov seas. Introduced in the Caspian Sea (BERG, 1949). In Bulgaria it enters from the Black Sea into coastal lakes and lower parts of its tributaries.

61. Genus *Mugil* LINNAEUS, 1758

99.(M) *Mugil cephalus* LINNAEUS, 1758 - Stripped Grey Mullet; BG-Morski kefal

Euryhaline cosmopolitan species. Valuable fish for the Bulgarian ichthyofauna.

100.(M)(I) *Mugil soiyu* BASILEWSKY, 1855 - Soiyu Mullet; BG-Pelengas

Origin from Japan and the Yellow Sea. Acclimatized in the Azov and Black seas. Penetrates in brackish and fresh waters.

15. Order Perciformes

25. Family Moronidae BOULENGER, 1895

62. Genus *Dicentrarchus* GILL, 1860

101.(M) *Dicentrarchus labrax* (LINNAEUS, 1758) - Sea Bass; BG-Lavrak

- *Morone labrax* - DRENSKY, 1951:189; STOYANOV *et al.*, 1963:93

- *Dicentrarchus labrax* - SMITH, 1990:692

European marine species. In Bulgaria it is comparatively rare, inhabits the Black

Sea and the lower parts of its tributaries: Kamchia, Ropotamo, Veleka, and the Mandra Lake (KARAPETKOVA, 1976; KARAPETKOVA, ZHIVKOV, 1995; PEHLIVANOV, 1999)

26. Family Centrarchidae BLEEKER, 1859

63. Genus *Lepomis* RAFINESQUE, 1819

- 102. *Lepomis gibbosus* (Linnaeus, 1758) - Pumpkinseed; BG-Slancheva ribka
- *Eupomotis gibbosus* - DRENSKY, 1920: 11, 1951:189

North American species, introduced in Europe as aquarium one in 1877. In Bulgaria it was established by DRENSKY (1920) for the Svishtov marsh (Danube River). Now it is widely distributed in most rivers, dams, lakes and marshes.

27. Family Percidae CUVIER, 1816

64. Genus *Gymnocephalus* BLOCH, 1793

103. *Gymnocephalus baloni* HOLCIK, HENSEL, 1974 - Balon's Ruffe; BG-Visokotel biban

Endemic for the Danube River. In Bulgaria it is comparatively rare (SIVKOV, 1985). Included in the Bern Convention (1979).

- 104. *Gymnocephalus cernuus* (LINNAEUS, 1758) - Ruffe; BG-Biban
- *Acerina cernua* - KOVACHEV, 1922:26; DRENSKY, 1951:184
- *Gymnocephalus cernuus* - HOLCIK, HENSEL, 1974:483

Euro-Asian species. In Bulgaria it is widely distributed in the Danube River, its tributaries and reservoirs Al. Stambolyiski, Montana, Yastrebino, Sopot and Ovcharitsa.

105. *Gymnocephalus schraetser* (LINNAEUS, 1758) - Striped Ruffe; BG-Ivichest biban

- *Acerina schraetzer* - KOVACHEV, 1922:27; DRENSKY, 1951:186
- *Gymnocephalus schraetser* HOLCIK, HENSEL, 1974:483

Endemic for the Danube River. In Bulgaria it is comparatively rare. Included in the Bern Convention (1979).

65. Genus *Perca* LINNAEUS, 1758

106. *Perca fluviatilis* LINNAEUS, 1758 - European Perch; BG-Rechen kostur

Euro-Asian species. In Bulgaria it is widely distributed in most rivers, dams, lakes and marshes. Object of angling and fishing.

66. Genus *Sander* Oken, 1817

107. *Sander lucioperca* (LINNAEUS, 1758) - Pikeperch; BG-Byala riba

- *Lucioperca lucioperca* - KOVACHEV, 1922:23; MOROV, 1931:16; DRENSKY, 1951:180

- *Stizostedion lucioperca* - KARAPETKOVA, ZHIVKOV, 1995:166
- *Sander lucioperca* - MUUS, DAHLSTROM, 1968:158; COLLETTE, BANARESCU, 1977

European species, introduced in many water basins in Asia. In Bulgaria it is widely distributed in the Danube River and the lower parts of its tributaries, plain and submountain big dams and lakes all over the country. Valuable fishing species. Object of fish-farming.

108.(M) *Sander marinus* (CUVIER, VALENCIENNES, 1828) - Sea Pikeperch; BG-Morska byala riba

- *Lucioperca marina* - DRENSKY, 1951:182
- *Stizostedion marinus* - KARAPETKOVA, ZHIVKOV, 1995:166
- *Sander marinus* - COLLETE, BANARESCU, 1977

Black and Caspian seas. In Bulgaria it is a very rare species. Penetrates in the lower parts of the Black Sea tributaries and the Mandra Lake. Included in the Bulgarian Red Book (1985).

- 109. *Sander volgensis* (GMELIN, 1788) - Volga Pikeperch; BG-Volzhska byala riba
- *Lucioperca volgensis* - KOVACHEV, 1922:25; DRENSKY, 1951:182
- *Stizostedion volgense* - KARAPETKOVA, ZHIVKOV, 1995:166
- *Sander volgensis* - COLLETE, BANARESCU, 1977; KOTTELAT, 1997:173

Freshwater Ponto-Caspian endemic. In Bulgaria it occurs only in the Danube River. Rare species, included in the Bern Convention (1979) and in the Bulgarian Red Book (1985).

67. Genus *Zingel* CLOQUET, 1817

- 110. *Zingel streber* (SIEBOLD, 1863) - Streber; BG-Malka vretenarka
- *Aspro streber* - KOVACHEV, 1922:29; DRENSKY, 1951:188
- *Zingel streber* - MUUS, DAHLSTROM, 1968:162

Basins of the rivers Danube, Dnestr (Black Sea catchment) and Vardar (Aegean Sea catchment). In Bulgaria it occurs only in the Danube (KARAPETKOVA, ZHIVKOV, 1995). Included in the Bern Convention (1979).

- 111. *Zingel zingel* (LINNAEUS, 1758) - Zingel; BG-Golyama vretenarka
- *Aspro zingel* - KOVACHEV, 1922:29; DRENSKY, 1951:187
- *Zingel zingel* - MUUS, DAHLSTROM, 1968:162

Rivers Danube, Dnestr and Prut. In Bulgaria only in the Danube (KARAPETKOVA, ZHIVKOV, 1995). Included in the Bern Convention (1979).

28. Family Pomatomidae GILL, 1865

68. Genus *Pomatomus* LACEPEDE, 1802

112.(M) *Pomatomus saltatrix* (LINNAEUS, 1758) - Bluefish; BG-Lefer

Marine species. In Bulgaria it occurs in the Black Sea. Enters in the Varna, Burgas and Mandra Lake and the outflow of the Ropotamo River (GEORGIEV, 1967; KARAPETKOVA, 1976; KARAPETKOVA, ZHIVKOV, 1995; PEHLIVANOV, 1999). Valuable fish.

29. Family Carangidae GUNTHER, 1860

69. Genus *Trachurus* RAFINESQUE, 1810

113.(M) *Trachurus mediterraneus ponticus* ALEEV, 1956 - Common Scad; BG-Safrid

Black Sea subspecies. Valuable fish. Reported for the Varna and Burgas lakes and the outflow of the Ropotamo River (GEORGIEV, 1967; KARAPETKOVA, 1976).

30. Family Sciaenidae CUVIER, 1829

70. Genus *Sciaena* LINNAEUS, 1758

- 114.(M) *Sciaena umbra* LINNAEUS, 1758 - Brown Meagre; BG-Morska vrana
- *Corvina nigra* - CHICHKOFF, 1912:38
- *Corvina umbra* - DRENSKY, 1951:210; STOYANOV *et al.*, 1963:109
- *Sciaena umbra* - CHAO, TREWAVAS, 1990:822

East Atlantic Ocean, Mediterranean, Aegean, Marmara, Black and Azov seas. At the Bulgarian Black Sea shore it is comparatively rare species. Announced for the mouth of the Ropotamo River (KARAPETKOVA, 1976; PEHLIVANOV, 1999).

31. Family Sparidae BONAPARTE, 1831

71. Genus *Diplodus* RAFINESQUE, 1810

115.(M) *Diplodus annularis* (LINNAEUS, 1758) - Annular Seabream; BG-Morska karakuda, Sparid

- *Sargus annularis* - CHICHKOFF, 1912:38; DRENSKY, 1951:193
- *Diplodus annularis* - BAUCHOT, HUREAU, 1990:795

East Atlantic Ocean, Mediterranean, Aegean, Marmara, Black and Azov seas. In the Bulgarian Black Sea shore it is comparatively rare. Enters the mouth of the Ropotamo River and the Varna Lake (GEORGIEV, 1967; KARAPETKOVA, 1976; PEHLIVANOV, 1999).

32. Family Centracanthidae (Maenidae) JORDAN, EVERMANN, 1898

72. Genus *Spicara* RAFINESQUE, 1810

- 116.(M) *Spicara smaris* (LINNAEUS, 1758) - Pickarel; BG-Smarid
- *Smaris chryselis* - CHICHKOFF, 1912:38; DRENSKY, 1923:92
 - *Spicara smaris flexuosa* - DRENSKY, 1951:198
 - *Maena chryselis* - STOYANOV *et al.*, 1963:114
 - *Spicara smaris* - SVETOVIDOV, 1964:294

East Atlantic Ocean, Mediterranean, Aegean, Marmara, Black and Azov seas. At the Bulgarian Black Sea shore it is usual. Enters the mouth of the Ropotamo River (KARAPETKOVA, 1976; PEHLIVANOV, 1999) and the Mandra Lake (Ouzungeren).

33. Family Mullidae CUVIER, 1828

73. Genus *Mullus* LINNAEUS, 1758

117.(M) *Mullus barbatus ponticus* ESSIPOV, 1927 - Red Mullet; BG-Barbunya Black Sea subspecies. In Bulgaria it is common along the seaboard. Established in the issues of the rivers Ropotamo and Dyavolska (KARAPETKOVA, 1976; PEHLIVANOV, 1999) and the Mandra Lake (Ouzungeren).

34. Family Labridae CUVIER, 1816

74. Genus *Symphodus* RAFINESQUE, 1810

- 118.(M) *Symphodus cinereus* (BONNATERRE, 1788) - Grey Wrasse; BG-Siva lapina
- *Symphodus grisaeus* - DRENSKY, 1923:94
 - *Crenilabrus grisaeus* - DRENSKY, 1951:214; STOYANOV *et al.*, 1963:128
 - *Symphodus cinereus* - QUIGNARD, PRAS, 1986:938

Mediterranean and adjacent seas. Common species for the Bulgarian Black Sea ichthyofauna. Enters the lower parts of the rivers Ropotamo and Dyavolska (KARAPETKOVA, 1976; PEHLIVANOV, 1999).

119.(M) *Symphodus ocellatus* (FORSSKEL, 1775) - Spectacled Wrasse; BG-Ochilata zelenushka

- *Crenilabrus ocellatus* - DRENSKY, 1951:213; STOYANOV *et al.*, 1963:127
- *Symphodus ocellatus* - QUIGNARD, PRAS, 1986:937

Mediterranean and adjacent seas. Common species for the Bulgarian Black Sea ichthyofauna. Announced for the outflows of the rivers Ropotamo and Dyavolska (KARAPETKOVA, 1976; PEHLIVANOV, 1999), the Varna and Mandra lakes (GEORGIEV, 1967).

120.(M) *Symphodus roissali* (RISSO, 1810) - Five-spotted Wrasse; BG-Petnista lapina

- *Crenilabrus quinquemaculatus* - DRENSKY, 1951:214; STOYANOV *et al.*, 1963:129

- *Symphodus roissali* - QUIGNARD, PRAS, 1986:938

Atlantic Ocean, Mediterranean and adjacent seas. Usual in the Black Sea. Reported for the Ropotamo River issue (KARAPETKOVA, 1976; PEHLIVANOV, 1999).

121.(M) *Symphodus tinca* (LINNAEUS, 1758) - Peacock Wrasse; BG-Zelenushka

- *Cenilabrus tinca* - DRENSKY, 1951:212; STOYANOV *et al.*, 1963:127
- *Symphodus tinca* - QUIGNARD, PRAS, 1986:940

Atlantic Ocean, Mediterranean and adjacent seas. Usual in the Black Sea. Reported for the outflows of the rivers Ropotamo and Karaach (KARAPETKOVA, 1976; PEHLIVANOV, 1999).

35. Family Trachinidae JORDAN, EVERMANN, 1898

75. Genus *Trachinus* LINNAEUS, 1758

122.(M) *Trachinus draco* LINNAEUS, 1758 - Common Weever; BG-Morski drakon Atlantic Ocean, Mediterranean and Black seas. Enters the Varna Lake and the lower parts of the rivers Kamchia, Ropotamo and Veleka (GEORGIEV, 1967; KARAPETKOVA, 1976; PEHLIVANOV, 1999).

36. Family Uranoscopidae JORDAN, EVERMANN, 1898

76. Genus *Uranoscopus* LINNAEUS, 1758

123.(M) *Uranoscopus scaber* LINNAEUS, 1758 - Common Stargazer; BG-Zvezdobroets

Atlantic Ocean, Mediterranean and Black seas. Established in the Varna Lake and the lower parts of the rivers Kamchia and Ropotamo (GEORGIEV, 1967; KARAPETKOVA, 1976; PEHLIVANOV, 1999).

37. Family Blenniidae RAFINESQUE, 1810

77. Genus *Aidablennius* WHITLEY, 1947

124.(M) *Aidablennius sphinx* (VALENCIENNES, 1836) - Sphinx Blenny; BG-Malka morska kuchka

- *Blennius sphinx* - DRENSKY, 1951:244; STOYANOV *et al.*, 1963:138
- *Aidablennius sphinx* - ZANDER, 1986:1097

Mediterranean and adjacent seas. Common species for the Bulgarian Black Sea fish fauna. Announced for the Varna Lake (GEORGIEV, 1967).

79. Genus *Parablennius* MIRANDO-RIBERIO, 1915

125.(M) *Parablennius sanguinolentus* (PALLAS, 1811) - Rusty Blenny; BG-Razhdiva morska kuchka

- *Blennius sanguinolentus* - CHICHKOFF, 1912:38; STOYANOV *et al.*, 1963:135
- *Parablennius sanguinolentus* - ZANDER, 1986:1110

East Atlantic, Mediterranean and adjacent seas. Common species for the Bulgarian Black Sea ichthyofauna. Enters the Ropotamo River, Varna and Mandra lakes (GEORGIEV, 1967; KARAPETKOVA, 1976; PEHLIVANOV, 1999).

126.(M) *Parablennius tentacularis* (BRUNNICH, 1768) - Tentacled Blenny; BG-Rogata morska kuchka

- *Blennius tentacularis* - CHICHKOFF, 1912:38; STOYANOV *et al.*, 1963:136
- *Parablennius tentacularis* - BATH, 1990:911

East Atlantic, Mediterranean and Black seas. In Bulgaria announced for the Varna and Mandra lakes (GEORGIEV, 1967).

- 127.(M) *Parablennius zvonimiri* (KOLOMBATOVIC, 1892) - Zvonimir's Blenny; BG-Morska kuchka
 - *Blennius zvonimiri* - STOYANOV *et al.*, 1963:137
 - *Parablennius zvonimiri* - ZANDER, 1986:1111
 Atlantic, Mediterranean and adjacent seas. Usual species along the Bulgarian Black Sea coast. Announced for the Varna Lake (GEORGIEV, 1967).
80. Genus *Salaria* FORSSKEL, 1775
 128.(M) *Salaria pavo* (RISSO, 1810) - Peacock Blenny; BG-Morski paun
 - *Blennius pavo* - DRENSKY, 1951:244; STOYANOV *et al.*, 1963:134
 - *Lipophris pavo* - KARAPETKOVA, ZHIVKOV, 1995:196
 - *Salaria pavo* - ZANDER, 1986:1104
 Atlantic, Mediterranean and adjacent seas. Common species along the Bulgarian Black Sea coast. Penetrates in the outflow of the Ropotamo River (KARAPETKOVA, 1976; PEHLIVANOV, 1999).
38. Family Ophidiidae JORDAN, EVERMANN, 1898
81. Genus *Ophidion* LINNAEUS, 1758
 129.(M) *Ophidion rochei* MULLER, 1845 - Snake Blenny; BG-Evreisko popche
 - *Ophidion barbatum* - DRENSKY, 1923:106, 1951:252
 East Atlantic, Mediterranean and adjacent seas. Usual species for the Bulgarian Black Sea ichthyofauna. Announced for the Ropotamo River and the Varna Lake (GEORGIEV, 1967; KARAPETKOVA, 1976).
39. Family Ammodytidae BOULENGER, 1910
82. Genus *Gymnammodytes* DUNCKER, MOHR, 1935
 130.(M) *Gymnammodytes cicerellus* (RAFINESQUE, 1810) - Mediterranean Sand Eel; BG-Pyasachnitsa, Uva
 - *Ammodytes cicerellus* - DRENSKY, 1951:237; STOYANOV *et al.*, 1963
 - *Gymnammodytes cicerellus* - SVETOVIDOV, 1964: 374
 East Atlantic, Mediterranean and adjacent seas. Usual species for the Bulgarian Black Sea ichthyofauna. Announced for the Varna Lake (GEORGIEV, 1967).
40. Family Scombridae (REGAN, 1909)
83. Genus *Sarda* CUVIER, 1829
 131.(M) *Sarda sarda* (BLOCH, 1793) - Atlantic Bonito; BG-Palamud
 - *Pelamis sarda* - CHICHKOFF, 1912:38
 Atlantic Ocean, Mediterranean basin, Black Sea. Valuable species for the Bulgarian Black Sea fishing. Recorded in the Varna Lake (GEORGIEV, 1967).
41. Family Gobiidae BONAPARTE, 1832
84. Genus *Aphia* RISSO, 1826
 132.(M) *Aphia minuta* (RISSO, 1810) - Transparent Goby; BG-Staklenka
 - *Aphyia minuta* - DRENSKY, 1951:220; STOYANOV *et al.*, 1963:163
 East Atlantic, Mediterranean and adjacent seas. Common species for the Bulgarian Black Sea ichthyofauna. Announced for the Varna Lake (GEORGIEV, 1967).
85. Genus *Benthophiloides* BELING, ILJIN, 1927
 133. *Benthophiloides brauneri* BELING, ILJIN, 1927 - Brauner's Goby; BG- Pastro (Shablensko) popche

- Ponto-Caspian endemic. In Bulgaria it was established only in the Shabla Lake (GEORGIEV, 1953). During the last years this goby has not been found (VASSILEV, 1998). Included in the Bulgarian Red Book (1985) as a rare species.
86. Genus *Benthophilus* EICHWALD, 1831
 134. *Benthophilus stellatus* (SAUVAGE, 1874) - Stellate Goby; BG-Zvezdovidno popche
 - *Benthophilus macrocephalus* - DRENSKY, 1924:53
 Ponto-Caspian endemic. In Bulgaria it occurs in the Danube River (MARINOV, 1978; VASSILEV, 1994). Included in the Bulgarian Red Book (1985) as rare species.
87. Genus *Gobius* LINNAEUS, 1758
 135.(M) *Gobius niger* LINNAEUS, 1758 - Black Goby; BG-Cherno popche
 East Atlantic, Mediterranean basin and the Black Sea. Penetrates in the Varna, Burgas and Mandra lakes (DRENSKY, 1951; GEORGIEV, 1967), and the lower parts of the rivers Ropotamo and Veleka (KARAPETKOVA, 1976; PEHLIVANOV, 1999).
88. Genus *Knipowitschia* ILJIN, 1927
 136. *Knipowitschia caucasica* (KAWRAJSKY, BERG, 1916) - Caucasian Goby; BG-Kavkazko popche
 Basins of the Aegean, Marmara, Black, Azov and Caspian seas. Introduced in the Aral Sea (MILLER, 1986). Common species along the Bulgarian Black Sea shore, the coastal lakes and the lower parts of the tributaries. Included in the Bulgarian Red Book (1985) as endangered.
137. *Knipowitschia longicaudata* (KESSLER, 1877) - Longtail Goby; BG-Dalگوopashato popche
 - *Gobius longicaudata* - DRENSKY, 1923:97
 Ponto-Caspian endemic. In Bulgaria it was announced only for the Beloslav Lake (GEORGIEV, 1967). After that this species was included in the Bulgarian Red Book (1985) as extinct. VASSILEV (1998) has established it in the Shabla Lake.
89. Genus *Mesogobius* BLEEKER, 1874
 138.(M) *Mesogobius batrachocephalus* (PALLAS, 1814) - Toad Goby; BG-Lihnus
 - *Gobius batrachocephalus* - DRENSKY, 1923:98
 Black and Azov seas. Penetrates in the outflows of rivers and seaside lakes. In Bulgaria it is a valuable fishing species. Recorded for the Varna Lake, Ropotamo and Veleka rivers (GEORGIEV, 1967; KARAPETKOVA, 1976; PEHLIVANOV, 1999).
90. Genus *Neogobius* ILJIN, 1927
 139.(M) *Neogobius cephalarges* (PALLAS, 1814) - Ginger Goby; BG-Shirokoglavo popche
 - *Gobius cephalarges* - DRENSKY, 1951:228
 Black and Azov seas. Common species for the Bulgarian ichthyofauna. Recorded for the issues of the Ropotamo and the Karaach rivers and the Mandra Lake (GEORGIEV, 1967; KARAPETKOVA, 1976; PEHLIVANOV, 1999).
140. *Neogobius fluviatilis* (PALLAS, 1814) - Monkey Goby; BG-Rechno popche
 - *Gobius fluviatilis* - DRENSKY, 1951:226
 Ponto-Caspian endemic. Introduced in the Aral Sea (MILLER, 1986). Common species for the Bulgarian freshwater ichthyofauna. Inhabits the Danube River, the lower

parts of its tributaries and the Black Sea tributaries, the lakes Beloslav, Burgas and Mandra (KARAPETKOVA, ZHIVKOV, 1995).

141. *Neogobius gymnotrachelus* (KESSLER, 1857) - Racer Goby; BG- Malko ploskoglavo popche

- *Mesogobius gymnotrachelus* - DRENSKY, 1951:233
- *Neogobius gymnotrachelus* - MILLER, 1979:502

Ponto-Caspian endemic. In Bulgaria it inhabits the Danube River, its lower parts and the Black Sea tributaries, Shabla Lake (KARAPETKOVA, ZHIVKOV, 1995, VASSILEV, 1998).

142. *Neogobius kessleri* (GUNTHER, 1861) - Kessler's Goby; BG-Keslerovo popche

- *Gobius kessleri* - DRENSKY, 1951:230

Black Sea basin. In Bulgaria it occurs in the Danube and the lower parts of its tributaries (KARAPETKOVA, ZHIVKOV, 1995). Included in the Bulgarian Red Book (1985) as endangered species.

143. *Neogobius melanostomus* (PALLAS, 1814) - Round Goby; BG-Stronguil

- *Gobius melanostomus* - CHICKOFF, 1912:38; DRENSKY, 1951:227

Basins of the Black, Azov and Caspian seas. Introduced in the Aral Sea, the Baltic Sea basin and the Great North-American lakes (MILLER, 1986; LAIRD, PAGE, 1996; RESHETNIKOV *et al.*, 1997). In Bulgaria it is widely distributed in the Black Sea, its tributaries, coastal lakes, in the Danube River and the lower parts of its tributaries. Valuable species for the Black Sea fishery.

144.(M) *Neogobius platyrostris* (PALLAS, 1814) - Flatsnout Goby; BG-Debelousto kafyavo popche

Black Sea endemic. In Bulgaria it predominates at the North Black Sea coast. Inhabits the lakes Durankulak and Varna, but it does not enter the river mouths (GEORGIEV, 1967; KARAPETKOVA, ZHIVKOV, 1995; VASSILEV, 1999).

145. *Neogobius syrman* (NORDMANN, 1840) - Syrman Goby; BG-Sirman

Basins of the Black, Azov and Caspian seas. In Bulgaria it is announced only for the rivers Izvorska and Fakiiska and the lakes Burgas and Mandra (GEORGIEV, 1967; KARAPETKOVA, ZHIVKOV, 1995). Included in the Bulgarian Red Book (1985) as rare species.

91. Genus *Pomatoschistus* GILL, 1864

146.(M) *Pomatoschistus microps* (KROYER, 1838) - Freckled Goby; BG-Dalache

- *Cobitis leopardinus* - DRENSKY, 1923:97
- *Pomatoschistus leopardinus* - DRENSKY, 1931:13
- *Pomatoschistus microps leopardinus* - GEORGIEV, 1967:217
- *Pomaschistus microps* - MILLER, 1986:1072

East Atlantic, Baltic, Mediterranean basins and the Black Sea. In Bulgaria it inhabits the seashore zone. Enters the lakes Varna and Burgas (GEORGIEV, 1967).

147.(M) *Pomatoschistus minutus elongatus* (CANESTRINI, 1862) - Sand Goby; BG-Dalache

Mediterranean, Azov-Black Sea subspecies. In Bulgaria it inhabits the seashore zone. Enters the lakes Varna, Burgas and Mandra (GEORGIEV, 1967). Included in the Bern Convention (1979).

92. Genus *Proterorhinus* SMITT, 1899

148. *Proterorhinus marmoratus* (PALLAS, 1814) - Tubenose Goby; BG-Mramorno popche

- *Gobius semilunaris* - HECKEL, 1840:152
- *Gobius marmoratus* - CHICHKOFF, 1912:37
- *Proterorhinus (Gobius) semilunaris* - DRENSKY, 1926:121
- *Proterorhinus marmoratus* - DRENSKY, 1931:16

According to Vasil'eva (1999) the genus *Proterorhinus* has a status of subgenus and the Tubenose Goby must be related to the genus *Gobius*. For the present we keep the status of the genus *Proterorhinus*.

Basins of the Aegean, Maramara, Black, Azov and Caspian seas. Introduced in the Aral Sea (SVETOVIDOV, 1964). In Bulgaria it inhabits the Danube River, the Black Sea tributaries and coastal lakes, the Maritsa River (Aegean Sea basin) and its tributaries (MIHAILOVA, 1965; KARAPETKOVA, 1976; MARINOV, 1978; VASSILEV, 1994; PEHLIVANOV, 2000b). Included in the Bern Convention (1979).

93. Genus *Zosterisessor* MILLER, 1979

149.(M) *Zosterisessor ophiocephalus* (PALLAS, 1814) - Grass Goby; BG-Trevno popche

- *Gobius ophiocephalus* - DRENSKY, 1923:98
- *Zostericola ophiocephalus* - DRENSKY, 1951:234
- *Zosterisessor ophiocephalus* - MILLER, 1979:513

East Atlantic, Mediterranean, Black and Azov seas. In Bulgaria it is distributed along the seashore. Announced for the mouths of the rivers Ropotamo and Karaach, and the lakes Varna, Burgas and Mandra (GEORGIEV, 1967; KARAPETKOVA, 1976; PEHLIVANOV, 1999). Included in the Bern Convention (1979).

16. Order Scorpaeniformes

42. Family Scorpaenidae RISSO, 1826

94. Genus *Scorpaena* LINNAEUS 1758

150.(M) *Scorpaena porcus* LINNAEUS, 1758 - Black Scorpionfish; BG-Skorpид

Atlantic Ocean, Mediterranean Sea basin, Black Sea. Common species for the Bulgarian seaside. Enters in the outflows of the rivers Ropotamo and Veleka.

43. Family Cottidae BONAPARTE, 1832

95. Genus *Cottus* LINNAEUS, 1758

151. *Cottus gobio haemusi* MARINOV, DIKOV, 1986 - Bullhead; BG-Glavoch, Chuch

Bulgarian endemic subspecies of the European species *C. gobio* LINNAEUS. Comparatively rare, inhabits the trout zone of the Danubian tributaries: Iskar, Vit and Ossam - Beli and Cherni (KARAPETKOVA, DIKOV, 1986; MARINOV, 1989).

17. Order Pleuronectiformes

44. Family Pleuronectidae RAFINESQUE, 1815

96. Genus *Platichthys* GIRARD, 1856

152.(M) *Platichthys flesus luscus* (PALLAS, 1814) - Black Sea Flounder; BG-Pissia

- *Pleuronectes flesus luscus* - DRENSKY, 1931:20

Black and Azov seas, introduced in the Caspian Sea (RESHETNIKOV *et al.*, 1997). Enters the river issues and firths. In Bulgaria it is announced for the seaside lakes Durankulak, Shabla, Beloslav, Varna, Burgas, Mandra and the rivers Dvoinitsa, Ropotamo, Dyavolska, Karaach and Veleka (GEORGIEV, 1967; KARAPETKOVA, 1976; PEHLIVANOV, 1999).

45. Family Scophthalmidae CHABANAUD, 1936

97. Genus *Psetta* SWAINSON, 1839

153.(M) *Psetta maxima maeotica* (TORTONESE, 1971) - Black Sea Turbot; BG-Chernomorski kalkan

- *Rhombus maeoticus* - CHICHKOFF, 1912:38; DRENSKY, 1951:150

- *Scophthalmus (Rhombus) maeoticus* - DRENSKY, 1947/48:39

- *Psetta maxima maeotica* - BAUCHOT, 1987

Black Sea endemic subspecies. Valuable object of the Bulgarian fishery. Announced for the outflows of the rivers Ropotamo, Karaach, Veleka and the Varna Lake (GEORGIEV, 1967; KARAPETKOVA, 1976; PEHLIVANOV, 1999).

46. Family Soleidae JORDAN, 1923

98. Genus *Pegusa* GUNTHER, 1862

154.(M) *Pegusa lascaris* (RISSO, 1810) - Sand Sole; BG-Morski ezik

- *Solea nasuta* - CHICHKOFF, 1912:38; DRENSKY, 1951:153

- *Solea lascaris* - BANARESCU, 1964:909

- *Solea lascaris nasuta* - KARAPETKOVA, 1976:56

- *Pegusa lascaris* - BEN-TUVIA, 1990:955

East Atlantic, Mediterranean, Black and Azov seas. Common species along the Bulgarian seashore. Enters the mouths of the rivers Ropotamo, Dyavolska, Karaach and Veleka (KARAPETKOVA, 1976; PEHLIVANOV, 1999).

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References

- BANARESCU P. 1964. Fauna of the PR of Romania. Pisces - Osteichthyes. Bucuresti, Acad. Sci. PR Romania, XIII. 959 p. (In Romanian).
- BANARESCU P., M. PAPADOPOUL, L. MIHAILOVA 1970. Taxonomy. - In: Biological and economic importance of European Vimbas (*Vimba*). Vilnyus, Mintis, 23-70. (In Russian).
- BANARESCU P., N. G. BOGUTSKAYA 2003. *Barbus* (Cyprinidae). - In: The freshwater fishes of Europe, Wiebelsheim, AULA - Verlag GmbH, 2: 397-420.
- BATH H. 1990. Blenniidae. - In: Checklist of the fishes of the Eastern tropical Atlantic (CLOFETA). JINCT, Lisbon, SEI, Paris, UNESCO, Paris, 2: 905-915.
- BAUCHOT M. 1987. Poissons osseux. - In: Fishes FAO. D'identification pour les besoins de la peche (rev. 1). Mediterranee et Mer Noire. Zone de peshe 37, FAO, Rome, II: 891-1421.
- BAUCHOT M., J. HUREAU 1990. Sparidae. - In: Checklist of the fishes of the Eastern tropical Atlantic (CLOFETA). JINCT, Lisbon, SEI, Paris, UNESCO, Paris, 2: 790-812.
- BEN-TUVIA A. 1990. A taxonomic reappraisal of the Atlanto-Mediterranean soles *Solea solea*, *S. senegalensis*, *S. lascaris*. - *Journal of Fish Biology*, 36(6): 947-960.
- BERG L. S. 1948/49. Freshwater fishes of USSR and adjacent countries. Moscow, Leningrad, Acad. Sci. USSR, Parts: 1, 2, 3. (In Russian).
- BERON P., V. BESHKOV, V. POPOV, M. VASSILEV, R. PANDURSKA, T. IVANOVA 2000. Biodiversity of

small vertebrates (Pisces, Amphibia, Reptilia, Mammalia - Insectivora, Chiroptera, Lagomorpha and Rodentia) in the Rila National Park. - In: Biological diversity of the Rila National Park. Sofia, Pensoft, Ard Inc., USA, 333-360.

1985. Bulgarian Red Book. Animals. Sofia, Acad. Sci. Publ. House, 2: 18-31. (In Bulgarian).
- CHAO L., E. TREWAVAS 1990. Sciaenidae. - In: Checklist of the fishes of the Eastern tropical Atlantic (CLOFETA). JINCT, Lisbon, SEI, Paris, UNESCO, Paris, 2: 813-826.
- CHICHKOFF G. 1912. Contribution a l'etude de la faune de la Mer Noire. Animaux recoltes sur les cotes bulgares. - *Archives de Zoologie experimental et general*, Paris, X.
- CHICHKOFF G. 1929. On a new fish species of Genus *Gobio*: *Gobio similis* n. sp. - *Annual of Sofia University*, XXV, 2: 158-168. (In Bulgarian).
- CHICHKOFF G. 1932. A new finds in Bulgarian freshwater ichthyofauna. - *Proceedings of the Bulgarian Natural-Historian Society*, Sofia, 15(16): 335-371. (In Bulgarian).
- CHICHKOFF G. 1933. On a new Schneider *Alburnoides bipunctatus tzanevi* nov. subsp. - *Proceedings of the Bulgarian Geographical Society*, Sofia, I: 1-9. (In Bulgarian).
- CHICHKOFF G. 1934/35a. On a new Barbel *Barbus barbus bergi* subsp. nov. - *Annual of Sofia University*, XXXI, 3: 305-310. (In Bulgarian).
- CHICHKOFF G. 1934/35b. One almost unknown Barbel. - *Annual of Sofia University*, XXXI, 3: 315-330. (In Bulgarian).
- CHICHKOFF G. 1938/39. On some new and slightly known Bulgarian freshwater fishes. - *Annual of Sofia University*, XXXV, 3: 91-99. (In Bulgarian).
- CHICHKOFF G. 1940. Morphological studies on the species of genus *Alburnoides* in the Bulgarian fresh waters. - *Annual of Sofia University*, XXXVI, 3: 73-164. (In Bulgarian).
- COLLETTE B. B., P. BANARESCU 1977. Systematics and zoogeography of the fishes of the family Percidae. - *J. Fish. Res. Board. Can.*, 34(10): 1450-1463.
1979. Concil of Europe Convention on the Conservation of European Wildlife and Natural Habitats. Bern, Switzerland.
- DRENSKY P. 1920. A new fish species from the Svishtov marsh. - *Records of Agriculture*, Sofia, IX, 5: 11. (In Bulgarian).
- DRENSKY P. 1923. On the fauna of Black Sea. - *Natural History and Geography*, Sofia, VIII, 3: 87-93. (In Bulgarian).
- DRENSKY P. 1924. Guide to the Bulgarian Black Sea fishes. - *Proceedings of the Bulgarian Natural-Historian Society*, XI: 50-63. (In Bulgarian).
- DRENSKY P. 1926. New and rare fishes in Bulgaria. - *Proceedings of the Bulgarian Natural-Historian Society*, XII: 121-150. (In Bulgarian).
- DRENSKY P. 1928. Fishes from family Cobitidae in Bulgaria. - *Proceedings of the Natural-Scientific Institutes*, Sofia, I: 156-181. (In Bulgarian).
- DRENSKY P. 1930. Zur kenntnis der Susswasserfischfauna Bulgariens. - *Zoologische Jahrbucher*, Jena, Abt. Syst. Bd., 59: 669-680.
- DRENSKY P. 1931. To the knowledge of Bulgarian Black Sea ichthyofauna. - *Agriculture Reports*, Sofia, XII, 7, 8: 3-42. (In Bulgarian).
- DRENSKY P. 1932. Fishes and fishery in the Ossam River. - *Lovech and surroundings Journal*, Sofia, IV: 171-200. (In Bulgarian).
- DRENSKY P. 1934. *Alosa bulgarica* n. sp. One unknown fish from Bulgarian Black Sea tributaries south of Burgas. - *Proceedings of the Natural-Scientific Institutes*, Sofia, VII: 79-87. (In Bulgarian).
- DRENSKY P. 1935. Petromyzoniden (Pisces) aus dem Donaugebiet. - *Sitzungsbericht der Gesellschaft naturforschender Freunde*, Berlin.

- DRENSKY P. 1947/48. Synopsis and distribution of fishes in Bulgaria. - *Annual of Sofia University*, **XLIV**, 3: 11-71. (In Bulgarian).
- DRENSKY P. 1951. Fishes of Bulgaria. - In: Fauna of Bulgaria. 2. Sofia, Bulgarian Acad. Sci., 270 p. (In Bulgarian).
- ECONOMIDIS P., T. NALBANT 1996. A study of the loaches of the genera *Cobitis* and *Sabanejeiwa* (Pisces, Cobitidae) of Greece, with description of six new taxa. - *Travaux du Museum National d'Histoire Naturelle* G. ANTIPA, Bucuresti, **XXXVI**: 295-347.
- ELVIRA B. 1997. Taxonomy of the genus *Chondrostoma* (Osteichthyes, Cyprinidae): an updated review. - *Folia Zoologica*, Brno, **41**(1): 1-14.
- GEORGIEV, ZH. M. 1953. A new unknown fish for the Bulgarian ichthyofauna: *Benthophiloides brauneri* Beling, Iljin. - *Proceedings of the Institute of Zoology*, Sofia, BAS, **2**: 359-372. (In Bulgarian, French summary).
- GEORGIEV ZH. M. 1967. Ichthyofauna of the Bulgarian Black Sea Lakes. - *Proceedings of the Research Institute of Fisheries and Oceanography*, Varna, **VIII**: 211-227. (In Bulgarian, Russian and French summaries).
- HECKEL J. J. 1840. Ichthiologische Beitrage zu den Familien der Cottoiden, Gobioiden und Cyprinoiden. - *Zoologische Abhandlung aus den Wiener Museum*, **2**: 156 p.
- HOLCIK J., K. HENSEL 1974. A new species of *Gymnocephalus* (Pisces: Percidae) from the Danube, with remarks of the genus. - *Copeia*, **2**: 471-486.
1996. IUCN Red List of Threatened Animals. Gland, Switzerland, 69-88.
- IVANOVA P., I. DOBROVOLOV 2002. Morphological and biochemical-genetic comparison of *Cobitis albicolor* CHICHKOFF, 1932 populations (Pisces, Cobitidae) from Bulgaria. - *Acta Zoologica Bulgarica*, Sofia, **54**(3): 35-45.
- KARAMAN S. 1922. Uber eine neue Cobitisart aus Jugoslavien - *Cobitis balcanica* n. sp. - *Glasnik der Kroatian Naturwissensch Gesellschaft*, Zagreb, **XXX**: 3.
- KARAMAN S. 1955. Die Fische der Strumica. - *Acta Musei Macedonici*, Sci. Natur., **3**(7): 181-208.
- KARAPETKOVA M. S. 1974. Ichthyofauna of the Kamchia River. - *Proceedings of the Zoological Institute with Museum*, Sofia, **XXXIX**: 85-98. (In Bulgarian, Russian and French summaries).
- KARAPETKOVA M. S. 1975. Ichthyological characteristics of the Veleka River. - *Hydrobiology*, Sofia, BAS, **1**: 54-64. (In Bulgarian, Russian and English summaries).
- KARAPETKOVA M. S. 1976. Composition and characteristic of ichthyofauna in the Bulgarian Black Sea rivers. - *Hydrobiology*, Sofia, BAS, **4**: 52-59. (In Bulgarian, Russian and French summaries).
- KARAPETKOVA M. S. 1991. *Alosa caspia Bulgarica* (Drensky, 1934). - *The freshwater fishes of Europe (Clupeidae, Anguilidae)*, AULA, Verlag Wiesbaden, **2**: 129-134.
- KARAPETKOVA M. S., B. T. MARINOV 1991. A new species for the ichthyofauna in Bulgaria: *Leuciscus souffia* RISSO, 1826. - *Hidrobiology*, Sofia, BAS, **37**: 75-79.
- KARAPETKOVA M. S., I. PESHEV 1973. Ichthyofaunistical review of Ropotamo River. - *Proceedings of the Zoological Institute with Museum*, Sofia, **XXXVIII**: 183-194. (In Bulgarian, Russian and French summaries).
- KARAPETKOVA M. S., M. T. ŽHIVKOV 1995. Fishes of Bulgaria. Sofia, Geya Libris, 247 p. (In Bulgarian).
- KARAPETKOVA M. S., M. T. ŽHIVKOV, K. ALEXandrova 1998. Freshwater fish of Bulgaria. - In: Bulgaria's Biological Diversity: Conservation Status and Needs Assessment. Sofia, Pensoft, I, **II**: 347-374.
- KARAPETKOVA M. S., Ts. DIKOV 1986. On the composition, distribution number and biomass

of the ichthyofauna in the Vit River. - *Hydrobiology*, Sofia, BAS, **28**: 3-14. (In Bulgarian, Russian and English summaries).

- KEINER A., C. J. SPILLMANN 1973. Atherinidae. - In: CLOFNAM, Paris, UNESCO, 576-578.
- KOTLIK P., C. S. TSIGENOPOULOS, P. RAB, P. BERREBI 2002. Two new *Barbus* species from the Danube River basin, with redescription of *B. petenyi* (Teleostei: Cyprinidae). - *Folia Zoologica*, Brno, **51**(3): 227-240.
- KOTTELAT M. 1990. Indochinese nemacheilines. A revision of nemacheiline loaches (Pisces: Cypriniformes) of Thailand, Burma, Laos, Cambodia and southern Viet Nam. Munchen, Verlag Dr. Friebrich Pfeil, 262 p.
- KOTTELAT M. 1997. European freshwater fishes. - *Biologia*, Bratislava, **52**(19): 1-271.
- KOVACHEV V. T. 1922. Freshwater ichthyofauna of Bulgaria. - *Archives of Ministry of Agriculture and Public Domains*, Sofia, **III**: 142 p. (In Bulgarian).
- LAIRD C. A., L. M. PAGE 1996. Non-native fishes inhabiting the streams and lakes of Illinois. - *Bull. Illinois Nat. Hist. Surv.*, **35**(1): 1-52.
- LINDBERG G. U., A. S. HEARD, T. S. RASS 1980. Multilingual dictionary of names of marine food fishes of world fauna. Leningrad, Nauka, 562 p.
- MAITLAND P. S. 1977. Freshwater fishes of Britain and Europe. London, Hamlyn Publ. Group Ltd., 210 p.
- MAITLAND P. S. 2000. Guide to freshwater fish of Britain and Europe. London, 256 p.
- MANOLOV J., Y. SIVKOV 1977a. Morphometrische Charakteristikdes Varlovka-Fisches *Leucaspius delineatus* (HECKEL) im Fluss Kamcija. - *Bull. du Musee National de Varna*, **13**(28): 215-218.
- MANOLOV J., Y. SIVKOV. 1977b. Morphometrical characteristics of the *Pseudorasbora parva* - a new fish from the Bulgarian ichthyofauna. - *Bull. du Musee National de Varna*, **13**(28): 219-222.
- MARINOV B. T. 1966. On the ichthyofauna of Bulgarian part of Danube River. - *Proceedings of the Institute of zoology*, Sofia, BAS, **XX**: 139-156. (In Bulgarian).
- MARINOV B. T. 1967. *Gobio albipinnatus* LUKASH 1933 one unknown species for Bulgarian fish fauna. - *Annual of Sofia University*, **LIX**: 39-41. (In Bulgarian).
- MARINOV B. T. 1978. Ichthyofauna of the Bulgarian Danube River section and its economic importance. - In: Limnology of the Bulgarian Danube River section. Sofia, Bulg. Acad. Sci., 201-228. (In Bulgarian, Russian and German summaries).
- MARINOV B. T. 1989. Taxonomy, faunistic and bionomy of some genera from families Cyprinidae and Cottidae (Pisces) from Bulgaria. PhD Dissertation. Sofia, 209 p. (In Bulgarian).
- MARINOV B. T., Ts. DIKOV 1986. *Cottus gobio haemusi* subsp. n. (Pisces, Cottidae) from Bulgaria. - *Acta Zoologica Bulgarica*, Sofia, BAS, **31**: 18-23.
- MIHAILOVA L. 1965. On the ichthyofauna of Thrace. - In: Thracian fauna. **II**: 265-289. (In Bulgarian, Russian and German summaries).
- MILLER P. J. 1979. Gobiidae. - In: Checklist of the fishes of the Northeastern Atlantic and of the Mediterranean. CLOFNAM, Paris, UNESCO, **1**: 483-515.
- MILLER P. J. 1986. Gobiidae. - *FNAM*, Paris, UNESCO, **3**: 1019-1085.
- MOROV T. 1931. Freshwater fishes of Bulgaria. Sofia, Bulg. Fish. Union, 112 p. (In Bulgarian).
- MUUS B., P. DAHLSTROM. 1968. Susswasserfische. Munchen, BLV Verlagsgesellschaft, 224 p.
- PEHLIVANOV L. Z. 1999. State of the ichthyofauna in Ropotamo Reserve complex: ecological, conservation and economic aspects. - *Water Scientific Technology*, Pergamon, **39**(8): 201-206.
- PEHLIVANOV L. Z. 2000a. Ichthyofauna of the Srebarna Lake, the Danube basin: State and

- significance of the management and conservation strategies of this wetland. - In: Proceedings of 33 Conference IAD. Osijek, Croatia 2000, Limnological reports, **33**: 317-322.
- PEHLIVANOV L. Z. 2000b. Ichthyofauna of the East Rhodopes (South Bulgaria): Composition and distribution. - *Acta zoologica bulgarica*, Sofia, **52**(3): 45-53.
- PESHEV I. 1969. On the ichthyofauna of some Bulgarian Black Sea rivers. - *Proceedings of the National Museum*, Varna, **V**(XX): 213-220. (In Bulgarian, French summary).
- PESHEV I. 1970. Ichthyofaunistic review of some rivers in the Eastern Bulgaria. - *Proceedings of the National Museum*, Varna, **VI**: 143-156. (In Bulgarian, French summary).
- PESHEV I. 1971. Taxonomical revision of Barbel (Genus *Barbus* Cuv.) from the Bulgarian Black Sea rivers. - *Journal of ichthyology*, Moscow, Nauka, **11**(3): 68. (In Russian).
- QUIGNARD J., A. PRAS. 1986. Labridae. - In: Fishes of the Northeastern Atlantic and the Mediterranean. UNESCO, Paris, **2**: 919-942.
- RAIKOVA-PETROVA G. N. 2000. The ichthyofauna in the glacial water of the Rila mountains. - In: Biodiversity and evolution of glacial water ecosystems in the Rila mountains. Sofia, Acad. Publ. House, 75-79.
- RASS T. S. 1987. Contemporary notions about Black Sea ichthyofauna and its changes. - *Journal of ichthyology*, Moscow, Nauka, **27**(2): 179-187. (In Russian).
- RESHETNIKOV YU. S. 1980. Ecology and taxonomy of Coregonid fishes. Moscow, Nauka, 301 p. (In Russian).
- RESHETNIKOV YU. S., N. G. BOGUTSKAYA, E. D. VASIL'eva, E. A. DOROFYEVA, A. M. NASEKA, O. A. POPOVA, K. A. SAVVAITOVA, V. G. SIDELEVA, L. I. SOKOLOV 1997. List of fish-like vertebrates and fishes of the freshwaters of Russia. - *Journal of ichthyology*, Moscow, Nauka, **37**(6): 723-771. (In Russian).
- SIMONOVIC P. 2001. Fishes of Serbia. Beograd, 247 p. (In Serbian).
- SIVKOV Y. 1985. Morphological characteristics of *Gymnocephalus baloni* HOLCIK, HENSEL, 1974 (Pisces, Percidae) - a new species to the Bulgarian Ichthyofauna. - *Acta zoologica bulgarica*, Sofia, BAS, **27**: 10-19.
- SIVKOV Y. 1989. Morphological characteristics of *Cobitis elongata* Heckel, Kner, 1858 (Cobitidae) from Bulgaria. - *Acta zoologica bulgarica*, Sofia, BAS, **38**: 16-23. (In Bulgarian).
- SIVKOV Y., I. DOBROVOLOV 1984. A new species of *Cobitis* (Pisces, Cobitidae) from Bulgaria. - *Compt. Rend. Acad. Bul. Sci.*, Sofia, **37**(12): 1673-1676.
- SIVKOV Y., S. SIVKOVA 2004. A new species to the Bulgarian ichthyofauna - Thicklip Grey Mullet *Chelon labrosus* (Risso, 1826) (Pisces, Mugilidae). - *Acta Zoologica Bulgarica*, Sofia, BAS, **56**(3): 337-340.
- SMITH C. L. 1990. Moronidae. - Check list of the fishes of the Eastern tropical Atlantic. (CLOFETA). JNICT, Lisbon, SEI, Paris, UNESCO, Paris, **2**: 692-694.
- SMITH G. R., R. F. STEARLEY 1989. The classification and scientific names of rainbow and cutthroat trouts. - *Fisheries*, **14**(1): 4-10.
- STOYANOV S., ZH. GEORGIEV, L. IVANOV, D. HRISTOV, P. KOLAROV, K. ALEXandroVA, M. KARAPETKOVA 1963. Fishes of the Black Sea. Varna, 246 p. (In Bulgarian).
- SVETOVIDOV A. N. 1952. Fauna USSR. Fishes (Clupeidae). Moscow, Leningrad, Acad. Sci. USSR, 331 p. (In Russian).
- SVETOVIDOV A. N. 1964. Fishes of the Black Sea. Moscow, Leningrad, Nauka, 550 p. (In Russian).
- SVETOVIDOV A. N. 1973. Clupeidae. Check list of the fishes of the Northeastern Atlantic and of the Mediterranean. - *CLOFNAM*, **1**: 99-109.
- UNDZHIAN E. 1964. On one find of lamprey in the Danube. - *Proceedings of the National*

Museum, Russe, **1**: 227-231. (In Bulgarian).

- VASILEVA E. D. 1999. Taxonomic position of the goby *Gobius marmoratus* PALLAS (Gobiidae): data of craniological analysis. - *Journal of Ichthyology*, Moscow, Nauka, **39**(2): 155-164. (In Russian).
- VASSILEV M. V. 1994. On the downstream migration of ichthyoplankton along the Bulgarian shore of the Danube River. - *Vie Milieu*, **44**(3/4): 273-280.
- VASSILEV M. V. 1998a. Alteration of the ichthyofauna in the Shabla and the Ezrets Lakes. - In: Biodiversity of Shabla lake system. Sofia, Acad. Publ. House, 101-106.
- VASSILEV M. V. 1998b. *Cobitis (Bicanestrinia) rhodopensis* spec. nov. from Bulgaria (Pisces, Cobitidae). - *Spixiana*, Munchen, **21**(3): 279-283.
- VASSILEV M. V. 1999. Changes of ichthyofauna in the Durankulak Lake. - *Acta zoologica bulgarica*, Sofia, BAS, **51**(1): 61-68.
- VASSILEV M. V., L. Z. PEHLIVANOV 2002. The ichthyofauna of the Bulgarian part of the Struma River. - *Historia naturalis bulgarica*, Sofia, **14**: 103-108. (In Bulgarian, English summary).
- VASSILEV M. V., L. Z. PEHLIVANOV 2003. Structural changes of sturgeon catches in the Bulgarian Danube section. - *Acta Zoologica Bulgarica*, Sofia, BAS, **55**(3): 97-102.
- VELKOV B. K., L. Z. PEHLIVANOV, M. V. VASSILEV 2004. *Umbra krameri* (Pisces: Umbridae): A reinstated species for the Bulgarian ichthyofauna. - *Acta zoologica bulgarica*, Sofia, BAS, **56**(2): 233-235.
- WITEHEAD P. J. P. 1985. Clupeoid fishes of the World. - FAO Species Catalogue, **7**: 1-303.
- WITEHEAD P. J. P. 1986. Fishes of the Northeastern Atlantic and the Mediterranean. Paris, UNESCO, 1473 p.
- ZANDER C. 1986. Blenniidae. - In: Fishes of the Northeastern Atlantic and the Mediterranean. Paris, UNESCO, **3**: 1096-1111.

Списък на сладководните риби в България

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(Резюме)

Настоящият списък включва 154 вида и подвида риби, които се отнасят към 98 рода, 46 семейства и 17 разреда. Представени са названията на рибите на латински, английски и български. Посочени са основните синоними, таксономичните и номенклатурните промени, местообитанията и природозащитният статус на видовете според Бернската конвенция, Червената книга на България и Световната червена книга.