

Appendix

List of West Asian freshwater fishes with their nomenclatural author(s) and year of publication. The presence or absence of parentheses or squared brackets is not an inconsistency but obeys precise conditions of the International Code of Zoological Nomenclature. An asterisk (*) indicates species not native to West Asian waters.

The International Code of Zoological Nomenclature does not require the citation of nomenclatural authors and is not justified and better avoided in non-taxonomic publications, even if only to make the text more user-friendly and to avoid confusion with cited references. For clarity, it is needed only in publications dealing with taxonomic and nomenclatural topics in which the nomenclatural authors are absolutely needed. In others, its just an unneeded source of mistakes.

Family **Petromyzontidae**

Caspiomyzon wagneri (Kessler, 1870)

Lampetra lanceolata Kux & Steiner, 1972

Lampetra ninae (Naseka, Tuniyev & Renaud, 2009)

Petromyzon marinus Linnaeus, 1758

Family **Carcharhinidae**

Carcharhinus leucas (Müller & Henle, 1839)

Family **Acipenseridae**

**Sterletus baerii* (Brandt, 1869)

Sterletus gueldenstaedtii (Brandt &

Ratzeburg, 1833)

Sterletus huso (Linnaeus, 1758)

Sterletus nudiventris (Lovetsky, 1828)

Sterletus persicus (Borodin, 1897)

Sterletus stellatus (Pallas, 1771)

Acipenser sturio Linnaeus, 1758

Family **Anguillidae**

Anguilla anguilla (Linnaeus, 1758)

Anguilla bengalensis (Gray, 1831)

Anguilla bicolor McClelland, 1844

Family **Alosidae**

Alosa caspia (Eichwald, 1838)

Alosa agone (Scopoli, 1786)

Alosa immaculata Bennett, 1835

Alosa kessleri (Grimm, 1887)

Alosa maeotica (Grimm, 1901)

Alosa tanaica (Grimm, 1901)

Family **Dorosomatidae**

Tenualosa ilisha (Hamilton, 1822)

Family **Ehiravidae**

Clupeonella cultriventris (Nordmann, 1840)

Family **Engraulidae**

Thrissina mystica Hata, Lavoué, Psomadakis, Osmany &

Motomura, 2025

Thrissina whiteheadi Wongratana, 1983

Family **Chanidae**

Chanos chanos (Forsskal, 1775)

Family **Acheilognathidae**

Rhodeus amarus (Bloch, 1782)

Rhodeus caspius Esmaeili, Sayyadzadeh, Japoshvili, Eagderi, Abbasi & Mousavi-Sabet, 2020

Rhodeus colchicus Bogutskaya & Komlev, 2001

Family **Cyprinidae**

Arabibarbus arabicus (Valenciennes, in Cuvier &

Valenciennes, 1842)

Arabibarbus grypus (Heckel, 1843)

Arabibarbus hadhrami Borkenhagen, 2014

Bangana dero (Hamilton, 1822)

Barbus anatolicus Turan, Kaya, Geiger & Freyhof, 2018

Barbus cyri De Filippi, 1865

Barbus escherichii Steindachner, 1897

Barbus ida Güçlü, Kalaycı, Özuluğ, Küçük & Turan, 2021

Barbus karunensis Khaefi, Esmaeili, Geiger &

Eagderi, 2017

Barbus lacerta Heckel, 1843

Barbus miliaris De Filippi, 1863

Barbus niluferensis Turan, Kottelat & Ekmekçi, 2009

Barbus pergamonensis Karaman, 1971

Barbus rionicus Kamensky, 1899

Barbus tauricus Kessler, 1877

Barbus xanthos Güçlü, Kalaycı, Küçük & Turan, 2020

Caecocypris basimi Banister & Bunni, 1980

Capoeta aculeata (Valenciennes, 1844)

Capoeta anamisensis Zareian, Esmaeili & Freyhof, 2016

Capoeta antalyensis (Battalgil, 1943)

- Capoeta aydinensis* Turan, Küçük, Kaya & Bektaş, 2017
Capoeta banarescui Turan, Kottelat, Ekmekçi & İmamoğlu, 2006
Capoeta barroisi Lortet, 1894
Capoeta bergamae Karaman, 1969
Capoeta buhsei Kessler, 1877
Capoeta caelestis Schöter, Özuluğ & Freyhof, 2009
Capoeta capoeta (Güldenstädt, 1773)
Capoeta coadi Alwan, Zareian & Esmaeili, 2016
Capoeta damascina (Valenciennes, 1842)
Capoeta erhani Turan, Kottelat & Ekmekçi, 2008
Capoeta ferdowsii Jouladeh-Roudbar, Eagderi, Murillo-Ramos, Ghanavi & Doadrio, 2017
Capoeta fusca Nikolskii, 1897
Capoeta heratensis (Keyserling, 1861)
Capoeta kaput Levin, Prokofiev & Roubenyan, 2019
Capoeta mandica Bianco & Bănărescu, 1982
Capoeta oguzelii Elp, Osmanoğlu, Kadak & Turan, 2018
Capoeta pestai (Pietschmann, 1933)
Capoeta razii Jouladeh-Roudbar, Eagderi, Ghanavi & Doadrio, 2017
Capoeta saadii (Heckel, 1847)
Capoeta shajariani Jouladeh-Roudbar, Eagderi, Murillo-Ramos, Ghanavi & Doadrio, 2017
Capoeta sieboldii (Steindachner, 1864)
Capoeta svanetica Roman, Afanasyev, Golub & Lietytska, 2022
Capoeta tinca (Heckel, 1843)
Capoeta trutta (Heckel, 1843)
Carasobarbus apoensis (Banister & Clarke, 1977)
Carasobarbus canis (Valenciennes, 1842)
Carasobarbus chantrei (Sauvage, 1882)
Carasobarbus doadrioi Jouladeh-Roudbar, Kaya, Vatandoust & Ghanavi, 2024
Carasobarbus exulatus (Banister & Clarke, 1977)
Carasobarbus hajhosseini Jouladeh-Roudbar, Kaya, Vatandoust & Ghanavi, 2024
Carasobarbus kosswigi (Ladiges, 1960)
Carasobarbus luteus (Heckel, 1843)
Carasobarbus saadatii Jouladeh-Roudbar, Kaya, Vatandoust & Ghanavi, 2024
Carasobarbus sublimus (Coad & Najafpour, 1997)
**Carassius auratus* (Linnaeus, 1758)
Carassius carassius (Linnaeus, 1758)
**Carassius gibelio* (Bloch, 1782)
**Carassius langsdorffii* Temminck & Schlegel, 1846
Cyprinion acinaces Banister & Clarke, 1977
Cyprinion kais Heckel, 1843
Cyprinion macrostomum Heckel, 1843
Cyprinion mhalense Alkahem & Behnke, 1983
Cyprinion microphthalmum (Day, 1880)
Cyprinion milesi (Day, 1880)
Cyprinion muscatense (Boulenger, 1888)
Cyprinion tenuiradius Heckel, 1847
Cyprinus carpio Linnaeus, 1758
Garra amirhosseini Esmaeili, Sayyadzadeh, Coad & Eagderi, 2016
Garra barreimiae Fowler & Steinitz, 1956
Garra buettikeri Krupp, 1983
Garra caudomaculata (Battalgil, 1942)
Garra cavernicola Freyhof, 2025
Garra culiciphaga (Pellegrin, 1927)
Garra dunsirei Banister, 1987
Garra elegans (Günther, 1868)
Garra festai (Tortonese, 1939)
Garra gallagheri Krupp, 1988
Garra ghorensis Krupp, 1982
Garra gymnothorax Berg, 1949
Garra hormuzensis Zamani-Faradonbe, Zhang & Keivany, 2021
Garra jordanica Hamidan, Geiger & Freyhof, 2014
Garra kemali (Hankó, 1925)
Garra klatti (Kosswig, 1950)
Garra lautior Banister, 1987
Garra longipinnis Banister & Clarke, 1977
Garra lorestanensis Mousavi-Sabet & Eagderi, 2016
Garra mamshuqa Krupp, 1983
Garra meymehensis Zamani-Faradonbe, Keivany, Dorafshan & Zhang, 2021
Garra nanus (Heckel, 1843)
Garra nudiventris (Berg, 1905)
Garra orontesi Bayçelebi, Kaya, Turan & Freyhof, 2021
Garra persica Berg, 1914
Garra rezai Mousavi-Sabet, Eagderi, Saemi-Komsari, Kaya & Freyhof, 2022
Garra roseae Mousavi-Sabet, Saemi-Komsari, Doadrio & Freyhof, 2019
Garra rossica (Nikolskii, 1900)
Garra rufa (Heckel, 1843)
Garra sahilia Krupp, 1983
Garra shamal Kirchner, Kruckenhauser, Pichler, Borkenhagen & Freyhof, 2020
Garra sharq Kirchner, Kruckenhauser, Pichler, Borkenhagen & Freyhof, 2020
Garra sindhae Lyon, Geiger & Freyhof, 2016
Garra smartae Krupp & Budd, 2009
Garra tashanensis Mousavi-Sabet, Vatandoust, Fatemi & Eagderi, 2016
Garra tiam Zamani-Faradonbe, Keivany, Dorafshan & Zhang, 2021
Garra tibatica Trewavas, 1941
Garra turcica Karaman, 1971

Garra typhlops (Bruun & Kaiser, 1944)
Garra variabilis (Heckel, 1843)
Garra widdowsoni (Trewavas, 1955)
Luciobarbus brachycephalus (Kessler, 1872)
Luciobarbus capito (Güldenstädt, 1773)
Luciobarbus conocephalus (Kessler, 1872)
Luciobarbus esocinus Heckel, 1843
Luciobarbus graecus (Steindachner, 1895)
Luciobarbus longiceps (Valenciennes, 1842)
Luciobarbus mursa (Güldenstädt, 1773)
Luciobarbus pectoralis (Heckel, 1843)
Luciobarbus schejch Heckel, 1843
Luciobarbus subquincunciatus (Günther, 1868)
Mesopotamichthys sharpeyi (Günther, 1874)
Schizocypris altidorsalis Bianco & Bănărescu, 1982
Schizothorax pelzami Kessler, 1870
Schizothorax zarudnyi (Nikolskii, 1897)
Tariqilabeo adiscus (Annandale, 1919)
Tariqilabeo macmahoni (Zugmayer, 1912)

Family Danionidae

Barilius mesopotamicus Berg, 1932
Cabdio occidentalis Jouladeh-Roudbar, Lalramliana, Vatan-doust, Ghanavi & Freyhof, 2023

Family Gobionidae

Gobio artvinicus Turan, Japoshvili, Aksu & Bektaş, 2016
Gobio baliki Turan, Kaya, Bayçelebi, Aksu & Bektaş, 2017
Gobio caucasicus Kamensky, 1901
Gobio fahrettini Turan, Kaya, Bayçelebi, Aksu & Bektaş, 2018
Gobio gymnostethus Ladiges, 1960
Gobio hettitorum Ladiges, 1960
Gobio insuayanus Ladiges, 1960
Gobio intermedius Battalgil, 1944
Gobio kizilirmakensis Turan, Japoshvili, Aksu & Bektaş, 2016
Gobio kovatschevi Chichkoff, 1937
Gobio maeandricus Naseka, Erk'akan & Küçük, 2006
Gobio microlepidotus Battalgil, 1942
Gobio nigrescens (Keyserling, 1861)
Gobio sakaryaensis Turan, Ekmekçi, Luskova & Mendel, 2012
**Pseudorasbora parva* (Temminck & Schlegel, 1846)
Romanogobio macropterus (Kamensky, 1901)
Romanogobio persus (Günther, 1899)

Family Leuciscidae

Abramis brama (Linnaeus, 1758)
Acanthobrama centisquama Heckel, 1843
Acanthobrama hadiyahensis Coad, Alkahem & Behnke, 1983
Acanthobrama lissneri Tortonese, 1952
Acanthobrama marmid Heckel, 1843
Acanthobrama orontis Berg, 1949

Acanthobrama persidis (Coad, 1981)
Acanthobrama punctulata (Kessler, 1877)
Acanthobrama telavivensis Goren, Fishelson & Trewavas, 1973
Acanthobrama thisbeae Freyhof & Özuluğ, 2014
Acanthobrama tricolor (Lortet, 1883)
Acanthobrama urmiana (Günther, 1899)
Alburnoides coskuncelebi Turan, Kaya, Aksu, Bayçelebi & Bektaş, 2019
Alburnoides damghani Jouladeh-Roudbar, Eagderi, Esmaeili, Coad & Bogutskaya, 2016
Alburnoides diclensis Turan, Bektaş, Kaya & Bayçelebi, 2016
Alburnoides eichwaldii (De Filippi, 1863)
Alburnoides emineae Turan, Kaya, Ekmekçi & Doğan, 2014
Alburnoides fasciatus (Nordmann, 1840)
Alburnoides freyhofi Turan, Kaya, Bayçelebi, Bektaş & Ekmekçi, 2017
Alburnoides holciki Coad & Bogutskaya, 2012
Alburnoides idignensis Bogutskaya & Coad, 2009
Alburnoides kosswigi Turan, Kaya, Bayçelebi, Bektaş & Ekmekçi, 2017
Alburnoides kurui Turan, Kaya, Bayçelebi, Bektaş & Ekmekçi, 2017
Alburnoides manyasensis Turan, Ekmekçi, Kaya & Güçlü, 2013
Alburnoides namaki Bogutskaya & Coad, 2009
Alburnoides nicolausi Bogutskaya & Coad, 2009
Alburnoides petrubanarescui Bogutskaya & Coad, 2009
Alburnoides qanati Coad & Bogutskaya, 2009
Alburnoides samiii Mousavi-Sabet, Vatandoust & Doadrio, 2016
Alburnoides smyrnae Pellegrin, 1927
Alburnoides tabarestanensis Mousavi-Sabet, Anvarifar & Azizi, 2015
Alburnoides turani Kaya, 2020
Alburnoides tzanevi Chichkoff, 1933
Alburnoides velioglui Turan, Kaya, Ekmekçi & Doğan, 2014
Alburnus adanensis Battalgazi, 1944
Alburnus akili Battalgil, 1942
Alburnus alburnus (Linnaeus, 1758)
Alburnus atropatenae Berg, 1925
Alburnus baliki Bogutskaya, Küçük & Ünlü, 2000
Alburnus caeruleus Heckel, 1843
Alburnus carianorum Freyhof, Kaya, Bayçelebi, Geiger & Turan, 2019
Alburnus chalcoides (Güldenstädt, 1772)
Alburnus derjugini Berg, 1923
Alburnus demiri Özuluğ & Freyhof, 2008
Alburnus doriae De Filippi, 1865
Alburnus escherichii Steindachner, 1897
Alburnus filippii Kessler, 1877
Alburnus goekhani Özuluğ, Geiger & Freyhof, 2018

Alburnus hohenackeri Kessler, 1877
Alburnus kotschy Steindachner, 1863
Alburnus kurui (Bogutskaya, 1995)
Alburnus magnificus Freyhof & Turan, 2019
Alburnus orontis Sauvage, 1882
Alburnus qalilus Krupp, 1992
Alburnus sellal Heckel, 1843
Alburnus tarichi (Güldenstädt, 1814)
Alburnus timarensis Kuru, 1980
Alburnus ulanus (Günther, 1899)
Ballerus sapa (Pallas, 1814)
Blicca bjoerkna (Linnaeus, 1758)
Chondrostoma beysehirense Bogutskaya, 1997
Chondrostoma ceyhanense Küçük, Turan, Güçlü Mutlu & Çiftçi, 2017
Chondrostoma colchicum Derjugin, 1899
Chondrostoma cyri Kessler, 1877
Chondrostoma esmaeili Eagderi, Jouladeh-Roudbar, Birecikligil, Çiçek & Coad, 2017
Chondrostoma holmwoodii (Boulenger, 1896)
Chondrostoma kinzelbachi Krupp, 1985
Chondrostoma meandrense Elvira, 1987
Chondrostoma nasus (Linnaeus, 1758)
Chondrostoma regium (Heckel, 1843)
Chondrostoma toros Küçük, Turan, Güçlü Mutlu & Çiftçi, 2017
Chondrostoma turnai Güçlü, Küçük, Turan, Çiftçi & Mutlu, 2018
Egirdira nigra (Kosswig & Geldiay, 1952)
Ladigesocypris ghigii (Gianferrari, 1927)
Leucalburnus satunini (Berg, 1910)
Leucaspius delineatus (Heckel, 1843)
Leuciscus aspius (Linnaeus, 1758)
Leuciscus vorax (Heckel, 1843)
Mirogrex hulensis Goren, Fishelson & Trewavas, 1973
Mirogrex terraesanctae (Steinitz, 1952)
Pelecus cultratus (Linnaeus, 1758)
Petroleuciscus borysthenicus (Kessler, 1859)
Petroleuciscus ninae Turan, Kalaycı, Kaya, Bektaş & Küçük, 2018
Petroleuciscus smyrnaeus (Boulenger, 1896)
Phoxinus abanticus Turan, Bayçelebi, Özuluğ, Gaygusuz & Aksu, 2023
Phoxinus colchicus Berg, 1910
Phoxinus kottelati Bayçelebi, 2025
Pseudophoxinus alii Küçük, 2007
Pseudophoxinus anatolicus (Hankó, 1925)
Pseudophoxinus antalyae Bogutskaya, 1992
Pseudophoxinus battalgilae Bogutskaya, 1997
Pseudophoxinus burduricus Küçük, Gülle, Güçlü, Çiftçi & Erdoğan, 2013
Pseudophoxinus cilicicus Saç, Özuluğ, Geiger & Freyhof, 2019

Pseudophoxinus crassus (Ladiges, 1960)
Pseudophoxinus drusensis (Pellegrin, 1933)
Pseudophoxinus elizavetae Bogutskaya, Küçük & Atalay, 2006
Pseudophoxinus evliyai Freyhof & Özuluğ, 2010
Pseudophoxinus fahrettini Freyhof & Özuluğ, 2010
Pseudophoxinus firati Bogutskaya, Küçük & Atalay, 2006
Pseudophoxinus handlirschi (Pietschmann, 1933)
Pseudophoxinus hasani Krupp, 1992
Pseudophoxinus hittitorum Freyhof & Özuluğ, 2010
Pseudophoxinus iconii Küçük, Gülle & Güçlü, 2016
Pseudophoxinus libani (Lortet, 1883)
Pseudophoxinus maeandri (Ladiges, 1960)
Pseudophoxinus maeandricus (Ladiges, 1960)
Pseudophoxinus mehmeti Ekmekçi, Atalay, Yoğurtçuoğlu, Turan & Küçük, 2015
Pseudophoxinus ninae Freyhof & Özuluğ, 2006
Pseudophoxinus syriacus (Lortet, 1883)
Pseudophoxinus turani Küçük & Güçlü, 2014
Pseudophoxinus zekayi Bogutskaya, Küçük & Atalay, 2006
Pseudophoxinus zeregi (Heckel, 1843)
Pseudophoxinus sp.
Rutilus atropatenus Derjavin, 1937
Rutilus frisii (Nordmann, 1840)
Rutilus lacustris (Pallas, 1814)
Rutilus rutilus (Linnaeus, 1758)
Rutilus sojuchbulagi Abdurakhmanov, 1950
Scardinius elmaliensis Bogutskaya, 1997
Scardinius erythrophthalmus (Linnaeus, 1758)
Squalius agdamicus Kamensky, 1901
Squalius anatolicus (Bogutskaya, 1997)
Squalius aristotelis Özuluğ & Freyhof, 2011
Squalius berak Heckel, 1843
Squalius cappadocicus Özuluğ & Freyhof, 2011
Squalius carinus Özuluğ & Freyhof, 2011
Squalius cii (Richardson, 1857)
Squalius fellowesii (Günther, 1868)
Squalius kosswigi (Karaman, 1972)
Squalius kottelati Turan, Yilmaz & Kaya, 2009
Squalius lepidus Heckel, 1843
Squalius namak Khaefi, Esmaeili, Sayyadzadeh, Geiger & Freyhof, 2016
Squalius orientalis Heckel, 1847
Squalius pursakensis (Hankó, 1925)
Squalius turcicus De Filippi, 1865
Squalius verepi Turan, 2022
Turcichondrostoma fahirae (Ladiges, 1960)
Vimba vimba (Linnaeus, 1758)

Family Tincidae

Tinca tinca (Linnaeus, 1758)

Family **Xenocyprididae**

- **Ctenopharyngodon idella* (Valenciennes, 1844)
 **Hemiculter leuciscus* (Basilewsky, 1855)
 **Hypophthalmichthys molitrix* (Valenciennes, 1844)
 **Hypophthalmichthys nobilis* (Richardson, 1845)
 **Mylopharyngodon piceus* (Richardson, 1846)

Family **Cobitidae**

- Cobitis affeae* Freyhof, Bayçelebi & Geiger, 2018
Cobitis aliyeae Freyhof, Bayçelebi & Geiger, 2018
Cobitis amphilekta Vasil'eva & Vasil'ev, 2012
Cobitis anabelae Freyhof, Bayçelebi & Geiger, 2018
Cobitis avicennae Mousavi-Sabet, Vatandoust, Esmaeili, Geiger & Freyhof, 2015
Cobitis battalgilae Băcescu, 1962
Cobitis bilseli Battalgil, 1942
Cobitis derzhavini Vasil'eva, Solovyeva, Levin & Vasil'ev, 2020
Cobitis dorademiri Erk'akan, Özdemir & Özeren, 2017
Cobitis elazigensis Coad & Sarieyyüpoğlu, 1988
Cobitis emrei Freyhof, Bayçelebi & Geiger, 2018
Cobitis erkakanae Freyhof, Bayçelebi & Geiger, 2018
Cobitis evreni Erk'akan, Özeren & Nalbant, 2008
Cobitis fahireae Erk'akan, Atalay-Ekmekçi & Nalbant, 1998
Cobitis faridpaki Mousavi-Sabet, Vasil'eva, Vatandoust & Vasil'ev, 2011
Cobitis indus Eagderi, Seçer & Freyhof, 2022
Cobitis joergbohleni Freyhof, Bayçelebi & Geiger, 2018
Cobitis kellei Erk'akan, Atalay-Ekmekçi & Nalbant, 1998
Cobitis levantina Krupp & Moubayed, 1992
Cobitis linea (Heckel, 1847)
Cobitis phrygica Battalgazi, 1944
Cobitis pirii Freyhof, Bayçelebi & Geiger, 2018
Cobitis puncticulata Erk'akan, Atalay-Ekmekçi & Nalbant, 1998
Cobitis saniae Eagderi, Jouladeh-Roudbar, Jalili, Sayyadzadeh & Esmaeili, 2017
Cobitis satunini Gladkov, 1935
Cobitis simplicispina Hankó, 1925
Cobitis sipahilerae Erk'akan, Özdemir & Özeren, 2017
Cobitis splendens Erk'akan, Atalay-Ekmekçi & Nalbant, 1998
Cobitis strumicae Karaman, 1955
Cobitis troasensis Freyhof, Bayçelebi & Geiger, 2018
Cobitis turcica Hankó, 1925
Sabanejewia aurata (De Filippi, 1863)
Sabanejewia caspia (Eichwald, 1838)

Family **Nemacheilidae**

- Eidinemacheilus proudlovei* Freyhof, Abdullah, Ararat, Ibrahim & Geiger, 2016
Eidinemacheilus smithi (Greenwood, 1976)

- Oxynoemacheilus amanos* Kaya, Yoğurtçuoğlu & Freyhof, 2021
Oxynoemacheilus anaticus Erk'akan, Özeren & Nalbant, 2008
Oxynoemacheilus angorae (Steindachner, 1897)
Oxynoemacheilus araxensis (Bănărescu & Nalbant, 1978)
Oxynoemacheilus argyrogramma (Heckel, 1847)
Oxynoemacheilus arsaniasus Freyhof, Kaya, Turan & Geiger, 2019
Oxynoemacheilus axylos Yoğurtçuoğlu, Kaya & Freyhof, 2022
Oxynoemacheilus banarescui (Delmastro, 1982)
Oxynoemacheilus bergi (Gratzianov, 1907)
Oxynoemacheilus bergianus (Derjavin, 1934)
Oxynoemacheilus brandtii (Kessler, 1877)
Oxynoemacheilus cemali Turan, Kaya, Kalayci, Bayçelebi & Aksu, 2019
Oxynoemacheilus ceyhanensis (Erk'akan, Nalbant & Özeren, 2007)
Oxynoemacheilus chaboras Kaya, Kurtul, Aksu, Oral & Freyhof, 2024
Oxynoemacheilus chomanicus Kamangar, Prokofiev, Ghaderi & Nalbant, 2014
Oxynoemacheilus ciceki Sungur, Jalili & Eagderi, 2018
Oxynoemacheilus cilicicus Kaya, Turan, Bayçelebi, Kalayci & Freyhof, 2020
Oxynoemacheilus cyri (Berg, 1910)
Oxynoemacheilus eliasi Yoğurtçuoğlu, Kaya & Freyhof, 2022
Oxynoemacheilus elsae Eagderi, Jalili & Çiçek, 2018
Oxynoemacheilus ercisanus (Erk'akan & Kuru, 1986)
Oxynoemacheilus eregliensis (Bănărescu & Nalbant, 1978)
Oxynoemacheilus euphraticus (Bănărescu & Nalbant, 1964)
Oxynoemacheilus evreni (Erk'akan, Nalbant & Özeren, 2007)
Oxynoemacheilus fatmae Turan, Aksu, Güçlü & Kalayci, 2024
Oxynoemacheilus fatsaensis Saygun, Ağdamar & Özuluğ, 2021
Oxynoemacheilus frenatus (Heckel, 1843)
Oxynoemacheilus galilaeus (Günther, 1864)
Oxynoemacheilus germencicus (Erk'akan, Nalbant & Özeren, 2007)
Oxynoemacheilus gyndes Freyhof & Abdullah, 2017
Oxynoemacheilus hamwii (Krupp & Schneider, 1991)
Oxynoemacheilus hanae Freyhof & Abdullah, 2017
Oxynoemacheilus hazarensis Freyhof & Özuluğ, 2017
Oxynoemacheilus insignis (Heckel, 1843)
Oxynoemacheilus isauricus Yoğurtçuoğlu, Kaya, Özuluğ & Freyhof, 2021
Oxynoemacheilus karunensis Freyhof, 2016
Oxynoemacheilus kaynaki Erk'akan, Özeren & Nalbant, 2008

- Oxynoemacheilus kentrutensis* Freyhof, Kaya & Turan, 2017
Oxynoemacheilus kiabii Golzarianpour, Abdoli & Freyhof, 2011
Oxynoemacheilus kottelati Turan, Aksu, Güçlü & Kalaycı, 2024
Oxynoemacheilus kurdistanicus Kamangar, Prokofiev, Ghaderi & Nalbant, 2014
Oxynoemacheilus leontinae (Lortet, 1883)
Oxynoemacheilus marmaraensis Turan, Bayçelebi & Kalaycı, 2023
Oxynoemacheilus marunensis Sayyadzadeh & Esmaeili, 2020
Oxynoemacheilus mediterraneus (Erk'akan, Nalbant & Özeren, 2007)
Oxynoemacheilus muefiti Freyhof, Kaya, Turan & Geiger, 2019
Oxynoemacheilus namiri (Krupp & Schneider, 1991)
Oxynoemacheilus nasreddini Yoğurtçuoğlu, Kaya & Freyhof, 2021
Oxynoemacheilus panthera (Heckel, 1843)
Oxynoemacheilus pantheroides (Goren & Nalbant in Bănărescu, Nalbant & Goren, 1982)
Oxynoemacheilus paucilepis (Erk'akan, Nalbant & Özeren, 2007)
Oxynoemacheilus persa (Heckel, 1847)
Oxynoemacheilus phasicus Freyhof, Kaya, Epitashvili & Geiger, 2021
Oxynoemacheilus sarali Turan, Kocabaş. & Aksu, 2025
Oxynoemacheilus sarus Freyhof, Yoğurtçuoğlu & Kaya, 2021
Oxynoemacheilus seyhanensis (Bănărescu, 1968)
Oxynoemacheilus seyhanicola (Erk'akan, Nalbant & Özeren, 2007)
Oxynoemacheilus shehabi Freyhof & Geiger, 2021
Oxynoemacheilus simavicus (Balik & Bănărescu, 1978)
Oxynoemacheilus theophilii Stoumboudi, Kottelat & Barbieri, 2006
Oxynoemacheilus tigris (Heckel, 1843)
Oxynoemacheilus tongiorgii (Nalbant & Bianco, 1998)
Oxynoemacheilus veyselorum Çiçek, Eagderi & Sungur, 2018
Oxynoemacheilus zagrosensis Kamangar, Prokofiev, Ghaderi & Nalbant, 2014
Oxynoemacheilus zarzianus Freyhof & Geiger, 2017
Paracobitis abrishamchianorum Mousavi-Sabet, Vatandoust, Geiger & Freyhof, 2019
Paracobitis atrakensis Esmaeili, Mousavi-Sabet, Sayyadzadeh, Vatandoust & Freyhof, 2014
Paracobitis basharensis Freyhof, Esmaeili, Sayyadzadeh & Geiger, 2014
Paracobitis hircanica Mousavi-Sabet, Sayyadzadeh, Esmaeili, Eagderi, Patimar & Freyhof, 2015
Paracobitis longicauda (Kessler, 1872)
Paracobitis malapterura (Valenciennes, 1846)
Paracobitis molavii Freyhof, Esmaeili, Sayyadzadeh & Geiger, 2014
Paracobitis persa Freyhof, Esmaeili, Sayyadzadeh & Geiger, 2014
Paracobitis rhadinaea (Regan, 1906)
Paracobitis salihae Kaya, Turan, Kalaycı, Bayçelebi & Freyhof, 2020
Paracobitis zabgawraensis Freyhof, Esmaeili, Sayyadzadeh & Geiger, 2014
Paraschistura abdolii Freyhof, Sayyadzadeh, Esmaeili & Geiger, 2015
Paraschistura alta Nalbant & Bianco, 1998
Paraschistura aredvii Freyhof, Sayyadzadeh, Esmaeili & Geiger, 2015
Paraschistura bampurensis (Nikolskii, 1900)
Paraschistura cristata (Berg, 1898)
Paraschistura delvarii Mousavi-Sabet & Eagderi, 2015
Paraschistura hormuzensis Freyhof, Sayyadzadeh, Esmaeili & Geiger, 2015
Paraschistura ilamensis Vatandoust & Eagderi, 2015
Paraschistura kermanensis Sayyadzadeh, Teimori & Esmaeili, 2019
Paraschistura kessleri (Günther, 1889)
Paraschistura lindbergi Bănărescu & Mirza, 1965
Paraschistura makranensis Eagderi, Mousavi-Sabet & Freyhof, 2019
Paraschistura naumanni Freyhof, Sayyadzadeh, Esmaeili & Geiger, 2015
Paraschistura nielsenii (Nalbant & Bianco, 1998)
Paraschistura susiani Freyhof, Sayyadzadeh, Esmaeili & Geiger, 2015
Paraschistura turcmenica (Berg, 1932)
Sasanidus kermanshahensis (Bănărescu & Nalbant, 1966)
Schistura chrysicristinae Nalbant, 1998
Seminemacheilus ahmeti Sungur, Jalili, Eagderi & Çiçek, 2018
Seminemacheilus attalicus Yoğurtçuoğlu, Kaya, Geiger & Freyhof, 2020
Seminemacheilus ekmekciae Yoğurtçuoğlu, Kaya, Geiger & Freyhof, 2020
Seminemacheilus ispartensis Erk'akan, Nalbant & Özeren, 2007
Seminemacheilus lendlii (Hankó, 1925)
Seminemacheilus tubae Yoğurtçuoğlu, Kaya, Geiger & Freyhof, 2020
Turcinoemacheilus ansari Jouladeh-Roudbar, Vatandoust, Doadrio & Ghanavi, 2023
Turcinoemacheilus bahaii Esmaeili, Sayyadzadeh, Özuluğ, Geiger & Freyhof, 2014
Turcinoemacheilus christofferi Jouladeh-Roudbar, Vatandoust, Doadrio & Ghanavi, 2023
Turcinoemacheilus ekmekciae Kaya, Yoğurtçuoğlu, Aksu, Bayçelebi & Turan, 2023

Turcinoemacheilus hafezi Golzarianpour, Abdoli, Patimar & Freyhof, 2013
Turcinoemacheilus inexpectatus Freyhof & Jouladeh-Roudbar, 2023
Turcinoemacheilus kosswigi Bănărescu & Nalbant, 1964
Turcinoemacheilus minimus Esmaeili, Sayyadzadeh, Özuluğ, Geiger & Freyhof, 2014
Turcinoemacheilus moghbeli Jouladeh-Roudbar, Vatandoust, Doadrio & Ghanavi, 2023
Turcinoemacheilus saadii Esmaeili, Sayyadzadeh, Özuluğ, Geiger & Freyhof, 2014

Family **Loricariidae**

Pterygoplichthys disjunctivus x *P. pardalis* (Castelnau, 1855)

Family **Siluridae**

Silurus glanis Linnaeus, 1758
Silurus triostegus Heckel, 1843

Family **Bagridae**

Mystus cyrusi Esmaeili, Sayyadzadeh, Zarei, Eagderi & Mousavi-Sabet, 2022
Mystus misrai Anuradha, 1986
Mystus pelusius (Solander, 1794)

Family **Sisoridae**

Glyptothorax alidaeii Mousavi-Sabet, Eagderi, Vatandoust & Freyhof, 2021
Glyptothorax armeniacus (Berg, 1918)
Glyptothorax cous (Linnaeus, 1766)
Glyptothorax daemon Freyhof, Kaya, Abdullah & Geiger, 2021
Glyptothorax galaxias Mousavi-Sabet, Eagderi, Vatandoust & Freyhof, 2021
Glyptothorax hosseinpanahii Mousavi-Sabet, Eagderi, Vatandoust & Freyhof, 2021
Glyptothorax kurdistanicus (Berg, 1931)
Glyptothorax pallens Mousavi-Sabet, Eagderi, Vatandoust & Freyhof, 2021
Glyptothorax sardashtensis Jokar, Kamangar, Ghaderi & Freyhof, 2023
Glyptothorax shapuri Mousavi-Sabet, Eagderi, Vatandoust & Freyhof, 2021
Glyptothorax silviae Coad, 1981
Glyptothorax steindachneri (Pietschmann, 1913)
Glyptothorax vatandousti Jouladeh-Roudbar, Ghanavi & Freyhof, 2023

Family **Clariidae**

Clarias gariepinus (Burchell, 1822)
**Clarias* sp.
**Heteropneustes fossilis* (Bloch, 1794)

Family **Ictaluridae**

**Ictalurus punctatus* (Rafinesque, 1818)

Family **Coregonidae**

**Coregonus albula* (Linnaeus, 1758)
**Coregonus sevanicus* Dadikyan, 1986

Family **Salmonidae**

**Oncorhynchus mykiss* (Walbaum, 1792)
Salmo abanticus Tortonese, 1954
Salmo aestivalis Fortunatov, 1926
Salmo araxensis Turan, Kottelat & Kaya, 2022
Salmo ardahanensis Turan, Kottelat & Kaya, 2022
Salmo baliki Turan, Aksu, Oral, Kaya & Bayçelebi, 2021
Salmo brunoi Turan, Bayçelebi, Aksu & Oral, 2024
Salmo caspius Kessler, 1877
Salmo chilo Turan, Kottelat & Engin, 2012
Salmo ekmekciae Küçük, Kalaycı, Güçlü, Oral & Turan, 2024
Salmo euphrataeus Turan, Kottelat & Engin, 2014
Salmo fahrettini Turan, Kalaycı, Bektaş, Kaya & Bayçelebi, 2020
Salmo gegarkuni Kessler, 1877
Salmo ischchan Kessler, 1877
Salmo kottelati Turan, Doğan, Kaya & Kanyılmaz, 2014
Salmo labecula Turan, Kottelat & Engin, 2012
Salmo labrax Pallas, 1814
Salmo munzuricus Turan, Kottelat & Kaya, 2017
Salmo murathani Turan, Kottelat & Kaya, 2022
Salmo okumusi Turan, Kottelat & Engin, 2014
Salmo opimus Turan, Kottelat & Engin, 2012
Salmo platycephalus Behnke, 1968
Salmo rizeensis Turan, Kottelat & Engin, 2009
Salmo tigridis Turan, Kottelat & Bektaş, 2011
**Salmo trutta* Linnaeus, 1758
Salmo sp.
**Salvelinus fontinalis* (Mitchill, 1814)

Family **Esocidae**

Esox lucius Linnaeus, 1758

Family **Lotidae**

Lota lota (Linnaeus, 1758)

Family **Oxudercidae**

Awaous jayakari (Boulenger, 1888)
Boleophthalmus dussumieri Valenciennes, 1837
Knipowitschia bergi (Iljin, 1928)
Knipowitschia byblisia Ahnelt, 2011
Knipowitschia caucasica (Berg, 1916)
Knipowitschia caunosi Ahnelt, 2011
Knipowitschia longicaudata (Kessler, 1877)

Knipowitschia mermere Ahnelt, 1995
Knipowitschia ricasolii (Di Caporiacco, 1935)
 **Rhinogobius* sp.

Family **Gobiidae**

Babka gymnotrachelus (Kessler, 1857)
Glossogobius giuris (Hamilton, 1822)
Glossogobius laticeps (De Vis, 1884)
Glossogobius tenuiformis Fowler, 1934
Mesogobius batrachocephalus (Pallas, 1814)
Neogobius fluviatilis (Pallas, 1814)
Neogobius melanostomus (Pallas, 1814)
Ponticola alasanicus Epitashvili, Japoshvili & Mumladze, 2023
Ponticola constructor (Nordmann, 1840)
Ponticola cyrius (Kessler, 1874)
Ponticola gorlap (Iljin, 1949)
Ponticola hircaniaensis Zarei, Esmaeili, Kovacic & Schliewen, 2022
Ponticola iranica Vasil'eva, Mousavi-Sabet & Vasil'ev, 2015
Ponticola patimari Eagderi, Nikmehr & Poorbagher, 2020
Ponticola rizensis (Kovačić & Engín, 2008)
Ponticola syrman (Nordmann, 1840)
Proterorhinus blennioides (Kessler, 1877)
Proterorhinus nasalis (De Filippi, 1863)
Proterorhinus semilunaris (Heckel, 1837)
Proterorhinus semipellucidus (Kessler, 1877)
Proterorhinus victori Vasil'eva, 2024

Family **Mugilidae**

Chelon auratus (Risso, 1810)
Chelon labrosus (Risso, 1827)
Chelon ramada (Risso, 1827)
Chelon saliens (Risso, 1810)
Mugil cephalus Linnaeus, 1758
Planiliza abu (Heckel, 1843)
 **Planiliza haematocheilus* (Temminck & Schlegel, 1845)
Planiliza klunzingeri (Day, 1888)
Planiliza subviridis (Valenciennes, 1836)

Family **Cichlidae**

**Amatitlania nigrofasciata* (Günther, 1867)
 **Aulonocara* sp.
 **Chindongo elongatus* (Fryer, 1956)
Coptodon zillii (Gervais, 1848)
 **Dimidiochromis compressiceps* (Boulenger, 1908)
Haplochromis flavijosephi (Lortet, 1883)
Iranocichla hormuzensis Coad, 1982
Iranocichla persa Esmaeili, Sayyadzadeh & Seehausen, 2016
 **Labidochromis caeruleus* Fryer, 1956
Oreochromis aureus (Steindachner, 1864)
 **Oreochromis mossambicus* (Peters, 1852)

**Oreochromis niloticus* (Linnaeus, 1758)
Sarotherodon galilaeus (Linnaeus, 1758)
Tristramella sacra (Günther, 1865)
Tristramella simonis (Günther, 1864)

Family **Blenniidae**

Salariopsis burcucae Yoğurtçuoğlu, Kaya, Atalay, Ekmekçi & Freyhof, 2023
Salariopsis fluviatilis (Asso, 1801)
Salariopsis renatorum Yoğurtçuoğlu, Kaya, Atalay, Ekmekçi & Freyhof, 2023

Family **Atherinidae**

Atherina pontica Eichwald, 1831

Family **Aphaniidae**

Anatolichthys anatoliae (Leidenfrost, 1912)
Anatolichthys danfordii (Boulenger, 1890)
Anatolichthys fontinalis (Akşiray, 1948)
Anatolichthys iconii (Akşiray, 1948)
Anatolichthys irregularis (Yoğurtçuoğlu & Freyhof, 2018)
Anatolichthys maeandricus (Akşiray, 1948)
Anatolichthys marassantensis (Pfleiderer, Geiger & Herder, 2014)
Anatolichthys meridionalis (Akşiray, 1948)
Anatolichthys saldae (Akşiray, 1955)
Anatolichthys splendens Kosswig & Sözer, 1945
Anatolichthys sureyanus (Neu, 1937)
Anatolichthys transgrediens (Ermin, 1946)
Anatolichthys villwocki (Hrbek & Wildekamp, 2003)
Aphaniops dispar (Rüppell, 1829)
Aphaniops furcatus (Teimori, Esmaeili, Erpenbeck & Reichenbacher, 2014)
Aphaniops ginaonis (Holly, 1929)
Aphaniops kruppi (Freyhof, Weissenbacher & Geiger, 2017)
Aphaniops richardsoni (Boulenger, 1907)
Aphaniops sirhani (Villwock, Scholl & Krupp, 1983)
Aphaniops stoliczkanus (Day, 1872)
Aphaniops teimorii Freyhof & Yoğurtçuoğlu, 2020
Aphanius almirensis Kottelat, Barbieri & Stoumboudi, 2007
Aphanius fasciatus (Valenciennes, 1821)
Esmaeilus darabensis (Esmaeili, Teimori, Gholami & Reichenbacher, 2014)
Esmaeilus isfahanensis (Hrbek, Keivany & Coad, 2006)
Esmaeilus persicus Jenkins, 1910
Esmaeilus shirini (Gholami, Esmaeili, Erpenbeck & Reichenbacher, 2014)
Esmaeilus sophiae (Heckel, 1847)
Esmaeilus vladkovi (Coad, 1988)
Kosswigichthys asquamatus Sözer, 1942
Paraphanius alexandri (Akşiray, 1948)
Paraphanius boulengeri (Akşiray, 1948)

Paraphanius mento (Heckel, 1843)
Paraphanius mentoides (Akşiray, 1948)
Paraphanius orontis (Akşiray, 1948)
Paraphanius similis (Akşiray, 1948)
Paraphanius striptus (Goren, 1974)
Paraphanius sp.

Family **Poeciliidae**

**Gambusia holbrooki* Girard, 1859
 **Poecilia "latipinna"* (Lesueur, 1821)
 **Poecilia reticulata* Peters, 1859
 **Poecilia "sphenops"* Valenciennes, 1846
 **Xiphophorus hellerii* Heckel, 1848
 **Xiphophorus maculatus* (Günther, 1866)

Family **Mastacembelidae**

Mastacembelus simack (Walbaum, 1792)

Family **Channidae**

Channa montana (McClelland, 1842)

Family **Pleuronectidae**

Platichthys flesus (Linnaeus, 1758)

Family **Syngnathidae**

Syngnathus caspius Eichwald, 1831
Syngnathus nigrolineatus Risso, 1827

Family **Terapontidae**

Terapon jarbua (Forsskål, 1775)

Family **Centrarchidae**

**Lepomis gibbosus* (Linnaeus, 1758)
 **Micropterus nigricans* (Cuvier, 1828)

Family **Percidae**

**Gymnocephalus cernua* (Linnaeus, 1758)
Perca fluviatilis Linnaeus, 1758
Sander lucioperca (Linnaeus, 1758)

Family **Gasterosteidae**

Gasterosteus aculeatus Linnaeus, 1758
Pungitius platygaster (Kessler, 1859)

Family **Moronidae**

Dicentrarchus labrax (Linnaeus, 1758)

Family **Sparidae**

Acanthopagrus arabicus Iwatsuki, 2013