

Annex 2

Taxonomic Checklist of all CITES listed Shark and Fish species

(Elasmobranchii and Actinopterygii, except
the genus *Hippocampus*)

Species information extracted from

**Eschmeyer, W.N. & Fricke, R. (eds.): Catalog of Fishes,
electronic version (30 November 2011)**

Copyright © W.N. Eschmeyer and California Academy of Sciences. All Rights reserved.

Footnotes added by the Nomenclature Specialist of the Animals Committee

Reproduction for commercial purposes prohibited.

Index

ELASMOBRANCHII	3
LAMNIFORMES	3
Cetorhinidae	3
<i>Cetorhinus</i>	3
Lamnidae	6
<i>Carcharodon</i>	6
<i>Lamna</i>	8
ORECTOLOBIFORMES	10
Rhincodontidae	10
<i>Rhincodon</i>	10
PRISTIFORMES 12	
Pristidae	12
<i>Anoxypristis</i>	12
<i>Pristis</i>	12
ACTINOPTERYGII	17
ACIPENSERIFORMES	17
Acipenseridae	17
<i>Acipenser</i>	18
<i>Huso</i>	47
<i>Pseudoscaphirhynchus</i>	50
<i>Scaphirhynchus</i>	51
Polyodontidae	53
<i>Polyodon</i>	53
<i>Psephurus</i>	54
ANGUILLIFORMES.....	54
Anguillidae	54
<i>Anguilla</i>	54
CYPRINIFORMES.....	63
Catostomidae	63
<i>Chasmictes</i>	63
Cyprinidae	63
<i>Caecobarbus</i>	63
<i>Probarbus</i>	63
OSTEOGLOSSIFORMES	64
Arapaimidae	64
<i>Arapaima</i>	64
Osteoglossidae	65
<i>Scleropages</i>	65
PERCIFORMES 66	
Labridae	66
<i>Cheilinus</i>	66
Sciaenidae.....	67
<i>Totoaba</i>	67
SILURIFORMES67	
Pangasiidae	67
<i>Pangasianodon</i>	68

ELASMOBRANCHII

LAMNIFORMES

Cetorhinidae

Cetorhinus maximus (Gunnerus, 1765)

angiova, Tetroras Rafinesque [C. S.] 1810:11 [Caratteri di alcuni nuovi generi e nuove specie di animali e piante della Sicilia, con varie osservazioni sopra i medisimi.; ref. [3594](#)] Sicily, Italy, Mediterranean Sea. No types known. Also appeared in Rafinesque 1810:46 [ref. [3595](#)]. Spelled *angiona* by Bigelow & Schroeder 1948:146 [ref. [16817](#)]. •Questionably a synonym of *Cetorhinus maximus* (Gunnerus 1765) -- (Compagno 1984:234 [ref. [6474](#)], Compagno 2001:91 [ref. [26323](#)]). **Current status:** Uncertain as *Cetorhinus maximus* (Gunnerus 1765). Cetorhinidae. Habitat: marine.

blainvillei, Cetorhinus de Brito Capello [F.] 1869:233, pl. [Jornal do Ciências Matemáticas, Physicas e Naturaes, Lisboa v. 2 (no. 7); ref. [17966](#)] Portugal. No types known. •Synonym of *Cetorhinus maximus* (Gunnerus 1765) -- (Compagno 1984:234 [ref. [6474](#)]). **Current status:** Synonym of *Cetorhinus maximus* (Gunnerus 1765). Cetorhinidae. Habitat: marine.

cetaceus, Squalus Gronow [L. T.] in Gray 1854:6 [Catalogue of fish collected and described by Laurence Theodore Gronow, now in the British Museum.; ref. [1911](#)] Norwegian Sea. No types known. •Synonym of *Cetorhinus maximus* (Gunnerus 1765) -- (Compagno 1984:234 [ref. [6474](#)], Compagno 2001:91 [ref. [26323](#)]). **Current status:** Synonym of *Cetorhinus maximus* (Gunnerus 1765). Cetorhinidae. Habitat: marine.

elephas, Squalus Lesueur [C. A.] 1822:350, unnumbered plate [Journal of the Academy of Natural Sciences, Philadelphia v. 2; ref. [17519](#)] Brown's Point, Raritan Bay, New Jersey, U.S.A. Holotype (unique): whereabouts unknown. •Synonym of *Cetorhinus maximus* (Gunnerus 1765) -- (Compagno 1984:234 [ref. [6474](#)]). **Current status:** Synonym of *Cetorhinus maximus* (Gunnerus 1765). Cetorhinidae. Habitat: marine.

gunneri, Squalis (Cetorhinus) Blainville [H. de] 1816:121 [Bulletin de la Société Philomathique de Paris v. 8; ref. [306](#)] Not available, name only; perhaps shortened spelling for *Squalus gunnerianus* Blainville 1810. •In the synonymy of *Cetorhinus maximus* (Gunnerus 1765) -- (Springer 1973:16 [ref. [7162](#)], Compagno 1984:234 [ref. [6474](#)], Compagno 2001:91 [ref. [26323](#)]). **Current status:** Synonym of *Cetorhinus maximus* (Gunnerus 1765). Cetorhinidae.

gunnerianus, Squalus Blainville [H. de] 1810:256, Pl. 2 (fig. 3) [Journal de Physique, de Chimie et d'Histoire Naturelle Paris v. 71; ref. [16818](#)] Nordland County, northern Norway, Northeastern Atlantic. No types known. Also appeared in Blainville 1811:170 [ref. [16819](#)]. Unneeded replacement name for *Squalus maximus* Gunnerus 1765. •Synonym of *Cetorhinus maximus* (Gunnerus 1765) -- (Springer 1973:16 [ref. [7162](#)], Compagno 1984:234 [ref. [6474](#)], Compagno 2001:91 [ref. [26323](#)], Hoese & Gates 2006:74 [ref. [28997](#)]). **Current status:** Synonym of *Cetorhinus maximus* (Gunnerus 1765). Cetorhinidae. Habitat: marine.

homianus, *Squalus* Blainville [H. de] 1810:171, Pl. 2 (fig. 1) [Nouveau Bulletin des Sciences, par la Société Philomathique, Paris. v. 2 (no. 38); ref. 16819] No types known. •Synonym of *Cetorhinus maximus* (Gunnerus 1765) -- (Compagno 1984:234 [ref. 6474], Compagno 2001:91 [ref. 26323]). **Current status:** Synonym of *Cetorhinus maximus* (Gunnerus 1765). Cetorhinidae. Habitat: marine.

infanuncula, *Cetorhinus maximus* forma van Deirse [A. B.] & Adriani [M. J.] 1953:309 [Zoologische Mededelingen (Leiden) v. 31; ref. 21995] Infrasubspecific, not available, as a forma (or aberration) of specimens without gill rakers. •In the synonymy of *Cetorhinus maximus* (Gunnerus 1765) -- (Compagno 1984:234 [ref. 6474], Compagno 2001:91 [ref. 26323]). **Current status:** Synonym of *Cetorhinus maximus* (Gunnerus 1765). Cetorhinidae.

isodus, *Squalus* Macri [S.] 1819:65, 76, Pl. 1 (fig. 1) [Atti della Accademia di scienze Napoli v. 1; ref. 17591] Capri Island, Italy, western Mediterranean Sea. No types known. •Synonym of *Cetorhinus maximus* (Gunnerus 1765) -- (Compagno 2001:91 [ref. 26323]). **Current status:** Synonym of *Cetorhinus maximus* (Gunnerus 1765). Cetorhinidae. Habitat: marine.

maccoyi, *Tetroras* Barrett 1933:13, fig. [Sun Nature Book pt. 4, Water Life.; ref. 19945] Australia. No types known. Original not seen; compiled from Whitley 1934:197 [ref. 4949]. •Synonym of *Cetorhinus maximus* (Gunnerus 1765) -- (Springer & Gilbert 1976:52 [ref. 21287], Quéro in Whitehead et al. 1984:89 [ref. 13675], Compagno 1984:234 [ref. 6474], Paxton et al. 1989:67 [ref. 12442], Last & Stevens 1994:160 [ref. 23873], Compagno 2001:91 [ref. 26323], Hoese & Gates 2006:75 [ref. 28997]). **Current status:** Synonym of *Cetorhinus maximus* (Gunnerus 1765). Cetorhinidae. Habitat: marine.

macer, *Polyprosopus* Couch [J.] 1862:68, Pl. 15 (fig. 2) [The history of the fishes of the British islands. v. 1; ref. 989] Startpoint, Cornwall, England. No types known. •Synonym of *Cetorhinus maximus* (Gunnerus 1765) -- (Compagno 1984:234 [ref. 6474], Compagno 2001:91 [ref. 26323]). **Current status:** Synonym of *Cetorhinus maximus* (Gunnerus 1765). Cetorhinidae. Habitat: marine.

maximus, *Squalus* Gunnerus [J. E.] 1765:33, Pl. 2 [Det Trondhiemske Selskabs Skrifter [= Drontheim. Gesell. Schrift.] v. 3; ref. 18172] Nordland County, northern Norway, Northeastern Atlantic. No types known. Original spelling as *Sqvalus maximus* due to classical typesetting. Lectotype designated by Fricke 1999:15 [ref. 24101] as the illustration of Gunnerus (1765: Pl. 2) [specimen not in existence]. •Valid as *Cetorhinus maximus* (Gunnerus 1765) -- (Springer 1973:16 [ref. 7162], Springer & Gilbert 1976:47 [ref. 21287], Eschmeyer & Herald 1983:28 [ref. 9277], Quéro in Whitehead et al. 1984:89 [ref. 13675], Compagno 1984:234 [ref. 6474], Nakaya in Masuda et al. 1984:8 [ref. 6441], Menni 1986:434 [ref. 11487], Bass 1986:101 [ref. 5635], Robins & Ray 1986:19 [ref. 23100], Scott & Scott 1988:17 [ref. 25518], Paxton et al. 1989:67 [ref. 12442], Pequeño 1989:12 [ref. 14125], Paulin et al. 1989:20 [ref. 24556], McAllister 1990:30 [ref. 14674], Springer 1990:86 [ref. 19319], Gomon et al. 1994:144 [ref. 22532], Last & Stevens 1994:159 [ref. 23873], Compagno et al. in Fischer et al. 1995:688 [ref. 22829], Cheng & Zhou 1997:21 [ref. 26385], Murdy et al. 1997:23 [ref. 23144], Santos et al. 1997:10 [ref. 23531], Arruda 1997:16 [ref. 24952], McEachran & Feckhelm 1998:52 [ref. 23897], Chirichigno F. & Vélez D. 1998:44 [ref. 24555], Sokolovskaya et al. 1998:7 [ref. 24670], Compagno 1999:478 [ref. 25589], Fricke 1999:15 [ref. 24101], Musick et al. 2000:8 [ref. 24959], Nakabo 2000:124 [ref. 25086], Compagno in Randall & Lim 2000:578 [ref. 25122], Sheiko & Fedorov 2000:14 [ref. 25650], Hutchins 2001:13 [ref. 25847], Compagno 2001:91 [ref. 26323], Soto 2001:65, 88 [ref. 26637], Bilecenoglu et al. 2002:10 [ref. 26753], Branstetter in Collette & Klein-MacPhee 2002:32 [ref. 26158], Mecklenburg et al. 2002:81 [ref. 25968], Nakabo 2002:124 [ref. 26001], Youn 2002:57, 476 [ref.

26218], Compagno 2003:431 [ref. 26984], Gadig & Gomes in Menezes et al. 2003:25 [ref. 27192], Espinosa Pérez et al. 2004:81 [ref. 27705], Nelson et al. 2004:52 [ref. 27807], Mundy 2005:97 [ref. 28379], Compagno et al. 2005:17 [ref. 29145], Hoese & Gates 2006:74 [ref. 28997], Fricke 2007:25 [ref. 30577], Fricke et al. 2007:12 [ref. 29533], White 2008:43 [ref. 30617], George 2009:34 [ref. 30539], Møller et al. 2010:16 [ref. 31169], Motomura et al. 2010:68 [ref. 31256], Mecklenburg et al. 2011:115 [ref. 31212], Castro 2011:249 [ref. 31457]). **Current status:** Valid as *Cetorhinus maximus* (Gunnerus 1765). Cetorhinidae. Distribution: Cosmopolitan but antitropical (including Mediterranean Sea, Baltic Sea, North Sea, Hawaiian Islands). Habitat: marine.

normani, Cetorhinus Siccardi [E. M.] 1961:255, Pl. 1 [Actas y trabajos del Congreso Sudamericano de Zoología. v. 4 (pt 5); ref. 9379] Mar del Plata and Puerto Quequén, Argentina. Syntypes: (4) MACN. •Synonym of *Cetorhinus maximus* (Gunnerus 1765) -- (Springer & Gilbert 1976:52 [ref. 21287], Quéro in Whitehead et al. 1984:89 [ref. 13675], Compagno 1984:234 [ref. 6474], Compagno 2001:91 [ref. 26323], Soto 2001:88 [ref. 26637]). **Current status:** Synonym of *Cetorhinus maximus* (Gunnerus 1765). Cetorhinidae. Habitat: marine.

pelegrinus, Squalus Blainville [H. de] 1810:365, Pl. 2 (fig. 2) [Nouveau Bulletin des Sciences, par la Société Philomathique, Paris. v. 2 (4. année, No. 50); ref. 26329] Dieppe, northern France. Holotype: MNHN 0000-9853 (mounted). Type catalog: Bertin 1939:74-75 [ref. 20739]. Also in Blainville 1811:169 [ref. 16819]; spelled *peregrinus* in Blainville 1811:365 [ref. 26329] and 1816:121 [ref. 306]. •Synonym of *Cetorhinus maximus* (Gunnerus 1765) -- (Compagno 1984:234 [ref. 6474], Compagno 2001:91 [ref. 26323], Castro 2011:249 [ref. 31457] as *peregrinus*) **Current status:** Synonym of *Cetorhinus maximus* (Gunnerus 1765). Cetorhinidae. Habitat: marine.

pennantii, Selachus Cornish [T.] 1885:351 [The Zoologist: a Popular Miscellany of Natural History. v. 9 (no. 105); ref. 18041] Mount's Bay, England. No types known. •Synonym of *Cetorhinus maximus* (Gunnerus 1765) -- (Compagno 1984:234 [ref. 6474], Compagno 2001:91 [ref. 26323]). **Current status:** Synonym of *Cetorhinus maximus* (Gunnerus 1765). Cetorhinidae. Habitat: marine.

pontoppidiani, Halsydrus Fleming [J.] (ex Neill) 1817:691 [Edinburgh Encyclopedia v. 11; ref. 26328] Holotype (unique): NMSZ 1979.012 (parts). Appeared first without distinguishing features as *pontoppidani* in Neill 1809; see Bland & Swinney 1978:134 [ref. 26326]. •Synonym of *Cetorhinus maximus* (Gunnerus 1765) -- (Compagno 1984:234 [ref. 6474], Compagno 2001:91 [ref. 26323]). **Current status:** Synonym of *Cetorhinus maximus* (Gunnerus 1765). Cetorhinidae. Habitat: marine.

rashleighanus, Squalus Couch [J.] 1838:51 [A Cornish fauna, being a compendium of the natural history of the county, ... Part I.; ref. 18049] Cornwall, England. No types known. •Synonym of *Cetorhinus maximus* (Gunnerus 1765) -- (Compagno 1984:234 [ref. 6474]). **Current status:** Synonym of *Cetorhinus maximus* (Gunnerus 1765). Cetorhinidae. Habitat: marine.

rhinoceros, Squalus DeKay [J. E.] (ex Mitchill) 1842:358 [Zoology of New-York, or the New-York fauna; ...; ref. 1098] Not available, name mentioned in passing under *Selachus maximus*. •In the synonymy of *Cetorhinus maximus* (Gunnerus 1765) -- (Compagno 1984:234 [ref. 6474], Compagno 2001:91 [ref. 26323]). **Current status:** Synonym of *Cetorhinus maximus* (Gunnerus 1765). Cetorhinidae.

rostratus, Squalus Macri [S.] 1819:76, Pl. 1 (fig. 2) [Atti della Accademia di scienze Napoli v. 1; ref. 17591] Messina, Sicily, Italy, Mediterranean Sea. No types

known. •Synonym of *Cetorhinus maximus* (Gunnerus 1765) -- (Springer & Gilbert 1976:52 [ref. 21287], Quéro in Whitehead et al. 1984:89 [ref. 13675], Compagno 1984:234 [ref. 6474], Compagno 2001:91 [ref. 26323]). **Current status:** Synonym of *Cetorhinus maximus* (Gunnerus 1765). Cetorhinidae. Habitat: marine.

shavianus, Squalis (Cetorhinus) Blainville [H. de] 1816:121 [Bulletin de la Société Philomathique de Paris v. 8; ref. 306] Not available, name only. •In the synonymy of *Cetorhinus maximus* (Gunnerus 1765) -- (Compagno 1984:234 [ref. 6474], Compagno 2001:91 [ref. 26323]). **Current status:** Synonym of *Cetorhinus maximus* (Gunnerus 1765). Cetorhinidae.

Lamnidae

***Carcharodon carcharias* (Linnaeus, 1758)**

albmors, Carcharodon Whitley [G. P.] 1939:240 [Australian Zoologist v. 9 (pt 3); ref. 4695] Port Jackson, Sydney harbor, New South Wales, Australia. Holotype (unique): AMS I.1723. Based on literature and one specimen cited as type. •Synonym of *Carcharodon carcharias* (Linnaeus 1758) -- (Paxton et al. 1989:67 [ref. 12442], Last & Stevens 1994:163 [ref. 23873], Compagno 2001:100 [ref. 26323], Hoese & Gates 2006:77 [ref. 28997]). **Current status:** Synonym of *Carcharodon carcharias* (Linnaeus 1758). Lamnidae. Habitat: brackish, marine.

atwoodi, Carcharias Storer [D. H.] 1848:71 [Proceedings of the Boston Society of Natural History v. 3 (1848-1851); ref. 18843] Provincetown, Massachusetts, U.S.A. Holotype (unique): MCZ 89505 (missing) [jaws may be MCZ 775-S]. •Synonym of *Carcharodon carcharias* (Linnaeus 1758) -- (Compagno 1984:238 [ref. 6474], Compagno 2001:100 [ref. 26323]). **Current status:** Synonym of *Carcharodon carcharias* (Linnaeus 1758). Lamnidae. Habitat: brackish, marine.

caninus, Squalus Osbeck [P.] 1765:102 [Reise nach Ostindien und China.; ref. 3311] Southeastern Atlantic, southwest of Cape of Good Hope, at 35°15' S. No types known. •Synonym of *Carcharodon carcharias* (Linnaeus 1758). **Current status:** Synonym of *Carcharodon carcharias* (Linnaeus 1758). Lamnidae. Habitat: brackish, marine.

capensis, Carcharodon Smith [A.] 1839:no pagination, Pl. 4 [Illustrations of the zoology of South Africa; consisting chiefly of figures and descriptions of the objects of natural history ... v. 4; ref. 4035] Cape Seas, South Africa. Holotype: BMNH 1850.9.5.3 (stuffed). •Synonym of *Carcharodon carcharias* (Linnaeus 1758) -- (Bass 1986:98 [ref. 5635], Compagno 2001:100 [ref. 26323]). **Current status:** Synonym of *Carcharodon carcharias* (Linnaeus 1758). Lamnidae. Habitat: brackish, marine.

carcharias, Squalus Linnaeus [C.] 1758:235 [Systema Naturae, Ed. X. v. 1; ref. 2787] Mediterranean Sea, northeastern Atlantic, western Atlantic [original: "in Europa"]; localities include Bayonne, France, Bay of Biscay; Spain; Marseille and Nice, France; Italy; Malta; Lesbos Island, Greece; Syria; Brazil. No types known. Lectotype or neotype fixation needed: the type locality should be restricted to Mediterranean Sea or Northeastern Atlantic Ocean, according to current usage. Neotype designation by Fricke 1999:15 [ref. 24106] is invalid; see Fricke 2000:639 [ref. 24537]. Originally based on multiple species and at least 30 pre-Linnaean sources including Artedi 1738:70 [ref. 30578] and Artedi 1738:98 [ref. 30349] as

Squalus dorso plano, dentibus serratis; Rondelet 1554:390 [ref. 30354] as *Lamia*, Markgraf von Liebstadt 1648:181 [ref. 30347] as *Tiburo*, Jonston 1649:209, Pl. 39 [ref. 30579] as *Tiburone*, Charleton 1668:127 [ref. 30580] as *Canis carcharias*, Willughby 1686:47 [ref. 30164] and Ray 1713:18 [ref. 30231] as *Canis carcharias seu lamia*. •Valid as *Carcharodon carcharias* (Linnaeus 1758) -- (Springer 1973:13 [ref. 7162], Eschmeyer & Herald 1983:29 [ref. 9277], Compagno 1984:238 [ref. 6474], Quéro in Whitehead et al. 1984:84 [ref. 13675], Nakaya in Masuda et al. 1984:9 [ref. 6441], Bass 1986:98 [ref. 5635], Menni 1986:433 [ref. 11487], Robins & Ray 1986:19 [ref. 23100], Nakano & Nakaya 1987:414 [ref. 12620], Scott & Scott 1988:14 [ref. 25518], Paxton et al. 1989:67 [ref. 12442], Pequeño 1989:12 [ref. 14125], Paulin et al. 1989:20 [ref. 24556], McAllister 1990:29 [ref. 14674], Springer 1990:87 [ref. 19319], Randall et al. 1990:17 [ref. 15987], Cervigón 1992:180 [ref. 23827], Francis 1993:157 [ref. 25479], Francis & Randall 1993:125 [ref. 20996], Kuitert 1993:14 [ref. 23929], Bianchi & Carpenter in Bianchi et al. 1993:73 [ref. 25472], Gomon et al. 1994:142 [ref. 22532], Last & Stevens 1994:162 [ref. 23873], Goren & Dor 1994:1 [ref. 25356], Compagno et al. in Fischer et al. 1995:703 [ref. 22829], Randall 1995:24 [ref. 22896], Grove & Lavenberg 1997:57 [ref. 24023] [but see McCosker 1998:809 [ref. 24025]], Santos et al. 1997:10 [ref. 23531], Arruda 1997:15 [ref. 24952], Cheng & Zhou 1997:20 [ref. 26385], Compagno 1998:1276 [ref. 23785], McEachran & Fechtelm 1998:54 [ref. 23897], Chirichigno F. & Vélez D. 1998:44 [ref. 24555], Sokolovskaya et al. 1998:7 [ref. 24670], Fricke 1999:14 [ref. 24106], Smith-Vaniz et al. 1999:120 [ref. 25013], Johnson 1999:719 [ref. 25471], Compagno 1999:478 [ref. 25589], Musick et al. 2000:8 [ref. 24959], Nakabo 2000:125 [ref. 25086], Compagno in Randall & Lim 2000:578 [ref. 25122], Laboute & Grandperrin 2000:87 [ref. 25191], Sheiko & Fedorov 2000:14 [ref. 25650], Storai et al. 2000:139 [ref. 25325], Hutchins 2001:13 [ref. 25847], Compagno 2001:100 [ref. 26323], Soto 2001:65, 89 [ref. 26637], Bilecenoglu et al. 2002:9 [ref. 26753], Mecklenburg et al. 2002:77 [ref. 25968], Nakabo 2002:125 [ref. 26001], Branstetter in Collette & Klein-MacPhee 2002:27 [ref. 26158], Youn 2002:58, 476 [ref. 26218], Compagno 2003:436 [ref. 26984], Gadig & Gomes in Menezes et al. 2003:25 [ref. 27192], Espinosa Pérez et al. 2004:83 [ref. 27705], Nelson et al. 2004:52 [ref. 27807], Heemstra & Heemstra 2004:70 [ref. 28072], Mundy 2005:97 [ref. 28379], Compagno et al. 2005:18 [ref. 29145], Hoese & Gates 2006:77 [ref. 28997], Moore et al. 2007:67 [ref. 29311], Fricke et al. 2007:12 [ref. 29533], Randall 2007:40 [ref. 30952], White 2008:40 [ref. 30617], Fricke et al. 2009:8 [ref. 30213], Fricke et al. 2011:345 [ref. 31242], Castro 2011:258 [ref. 31457]). **Current status:** Valid as *Carcharodon carcharias* (Linnaeus 1758). Lamnidae. Distribution: Nearly circumglobal, mostly in warm temperate seas (including Mediterranean Sea, Hawaiian Islands). Habitat: brackish, marine.

lamia, Carcharias Rafinesque [C. S.] 1810:44 [Indice d'ittologia siciliana; ossia, catalogo metodico dei nomi latini, italiani, e siciliani dei pesci, ...; ref. 3595] New name for *Squalus carcharias* Linnaeus 1758. Not available, on Official Index (Opinion 723). •Synonym of *Carcharodon carcharias* (Linnaeus 1758) -- (Springer 1973:13 [ref. 7162], Springer 1990:87 [ref. 19319], Compagno 2001:100 [ref. 26323], Hoese & Gates 2006:77 [ref. 28997]). **Current status:** Synonym of *Carcharodon carcharias* (Linnaeus 1758). Lamnidae. Habitat: brackish, marine.

maso, Carcharias Morris [E. F.] 1898:412 [Australian English; ref. 30215] New Zealand. No types known. Name only, not available. •In the synonymy of *Carcharodon carcharias* (Linnaeus 1758) -- (Compagno 1984:238 [ref. 6474], Compagno 2001:100 [ref. 26323]). **Current status:** Synonym of *Carcharodon carcharias* (Linnaeus 1758). Lamnidae.

rondeletii, Carcharodon Müller [J.] & Henle [F. G. J.] 1839:70 [Systematische Beschreibung der Plagiostomen.; ref. 3069] [Mittelmeer] Adriatic Sea (Mediterranean Sea); [Atlantischer Ozean] Atlantic; [Cap] Cape Town, South Africa,

southeastern Atlantic; [Stilles Meer] Pacific coast of Australia. Syntypes: BMNH 1850.9.5.3 (1 stuffed) Cape Town, South Africa; RUSM uncat. (2, whereabouts unknown), SMF uncat. (1, whereabouts unknown) Adriatic, ZMB uncat. (1, whereabouts unknown). •Synonym of *Carcharodon carcharias* (Linnaeus 1758) -- (Springer 1973:13 [ref. 7162], Paxton et al. 1989:67 [ref. 12442], Compagno 2001:100 [ref. 26323], Bilecenoglu et al. 2002:9 [ref. 26753] dated 1841, Hoese & Gates 2006:77 [ref. 28997], Castro 2011:258 [ref. 31457] as *rondeletti*). **Current status:** Synonym of *Carcharodon carcharias* (Linnaeus 1758). Lamnidae. Habitat: brackish, marine.

smithi, Carcharodon Bonaparte [C. L.] 1838:9 [Nuovi annali delle scienze naturali e rendiconto dei lavori dell'Accademia della Scienze dell'Istituto di Bologna con appendice agraria. Bologna v. 2; ref. 4979] No locality stated. Although authorship is credited to Müller & Henle, the name is used first in Bonaparte. •Synonym of *Carcharodon carcharias* (Linnaeus 1758) -- (Compagno 1984:238 [ref. 6474]). **Current status:** Synonym of *Carcharodon carcharias* (Linnaeus 1758). Lamnidae. Habitat: brackish, marine.

smithii, Carcharodon Agassiz [L.] (ex Müller & Henle) 1838:90, Pl. F (figs. 3, 3a-3c) [Recherches sur les poissons fossiles.; ref. 13390] No locality stated. •Synonym of *Carcharodon carcharias* (Linnaeus 1758) -- (Compagno 1984:238 [ref. 6474], Compagno 2001:100 [ref. 26323]). **Current status:** Synonym of *Carcharodon carcharias* (Linnaeus 1758). Lamnidae. Habitat: brackish, marine.

verus, Carcharias Cloquet [H.] 1817:69 [Dictionnaire des Sciences Naturelles.; ref. 852] The Ocean. No types known. •Synonym of *Carcharodon carcharias* (Linnaeus 1758) -- (Compagno 1984:238 [ref. 6474], Compagno 2001:100 [ref. 26323]). **Current status:** Synonym of *Carcharodon carcharias* (Linnaeus 1758). Lamnidae. Habitat: brackish, marine.

vorax, Carcharias Owen [R.] 1853:94 [Descriptive catalogue of the osteological series contained in the Museum of the Royal College of Surgeons of England.; ref. 4988] No types known. •Questionably a synonym of *Carcharodon carcharias* (Linnaeus 1758) -- (Compagno 1984:238 [ref. 6474], Compagno 2001:100 [ref. 26323]). **Current status:** Uncertain as *Carcharodon carcharias* (Linnaeus 1758). Lamnidae. Habitat: marine.

vulgaris, Squalus (Carcharias) Richardson [J.] 1836:288 [Fauna Boreali-Americana; or the zoology of the northern parts of British America: ... Part 3; ref. 3731] No types known. Unexplained new name. •Synonym of *Carcharodon carcharias* (Linnaeus 1758) -- (Compagno 1984:238 [ref. 6474], Compagno 2001:100 [ref. 26323]). **Current status:** Synonym of *Carcharodon carcharias* (Linnaeus 1758). Lamnidae. Habitat: brackish, marine.

***Lamna nasus* (Bonnaterre, 1788)**

cornubicus, Squalus Gmelin [J. F.] 1789:1497 [Caroli a Linné ... Systema Naturae per regna tria naturae v. 1 (pt 3); ref. 18139] Cornwall, England, Northeastern Atlantic. No types known. Spelled *cornubiensis* in Pennant 1812:186 [ref. 18529]. Spelled *Lamna cornutica* in Morris 1898:412 [ref. 30215]. •Synonym of *Lamna nasus* (Bonnaterre 1788) -- (Springer 1973:13 [ref. 7162], Quéro in Whitehead et al. 1984:87 [ref. 13675], Compagno 1984:248 [ref. 6474], Springer 1990:88 [ref. 19319], Compagno 2001:121 [ref. 26323], Hoese & Gates 2006:79 [ref. 28997],

Castro 2011:284 [ref. 31457]). **Current status:** Synonym of *Lamna nasus* (Bonnaterre 1788). Lamnidae. Habitat: marine.

cornubiensis, Squalus Pennant [T.] 1812:186 [British zoology. 5th edition.; ref. 18529] Incorrect subsequent spelling of *Squalus cornubicus* Gmelin. •In the synonymy of *Lamna nasus* (Bonnaterre 1788) -- (Compagno 1984:248 [ref. 6474]). **Current status:** Synonym of *Lamna nasus* (Bonnaterre 1788). Lamnidae.

daekayi, Oxyrhina Gill [T. N.] 1861:60 [Proceedings of the Academy of Natural Sciences of Philadelphia v. 13 (Suppl.); ref. 1766] Based on *Lamna punctata* (non Mitchill) of Storer 1846:252 [ref. 18840]. •Synonym of *Lamna nasus* (Bonnaterre 1788) -- (Compagno 1984:248 [ref. 6474], Compagno 2001:122 [ref. 26323], Castro 2011:284 [ref. 31457]). **Current status:** Synonym of *Lamna nasus* (Bonnaterre 1788). Lamnidae. Habitat: marine.

glaucus, Squalus Gunnerus [J. E.] 1768:1 [Skifter, det Kongelige Norske Videnskabers Selskab v. 4; ref. 30280] Norway, Northeastern Atlantic. No types known. Objectively invalid, preoccupied by *Squalus glaucus* Linnaeus 1758. Not an independent species description, but a misidentification of *Squalus glaucus* (non Linnaeus 1758). Named 'Squalus glaucus' in historical typesetting. . •In the synonymy of *Lamna nasus* (Bonnaterre 1788) -- (Compagno 2001:121 [ref. 26323], Castro 2011:284 [ref. 31457]). **Current status:** Synonym of *Lamna nasus* (Bonnaterre 1788). Lamnidae.

monensis, Squalus Shaw [G.] 1804:350 [General zoology or systematic natural history; ref. 4015] Beaumaris, Anglesea Island, England. No types known. Based on literature sources. •Synonym of *Lamna nasus* (Bonnaterre 1788) -- (Compagno 1984:248 [ref. 6474], Compagno 2001:121 [ref. 26323]). **Current status:** Synonym of *Lamna nasus* (Bonnaterre 1788). Lamnidae. Habitat: marine.

nasus, Squalus Bonnaterre [J. P.] (ex Pennant) 1788:10, Pl. 85 (fig. 350) [Tableau encyclopédique et méthodique des trois règnes de la nature... Ichthyologie; ref. 4940] Cornwall, England, northeastern Atlantic. No types known. Based on the 'Porbeagle' of Pennant 1769:92 [ref. 18527]. •Valid as *Lamna nasus* (Bonnaterre 1788) -- (Springer 1973:13 [ref. 7162], Quéro in Whitehead et al. 1984:87 [ref. 13675], Compagno 1984:248 [ref. 6474], Bass 1986:100 [ref. 5635], Menni 1986:434 [ref. 11487], Robins & Ray 1986:20 [ref. 23100], Scott & Scott 1988:20 [ref. 25518], Paxton et al. 1989:68 [ref. 12442], Pequeño 1989:13 [ref. 14125], Paulin et al. 1989:21 [ref. 24556], McAllister 1990:29 [ref. 14674], Nakaya in Amaoka et al. 1990:57 [ref. 16024], Springer 1990:88 [ref. 19319], Compagno 1990:82 [ref. 21678], Miller 1993:467 [ref. 21297], Last & Stevens 1994:165 [ref. 23873], Randall 1995:24 [ref. 22896], Santos et al. 1997:11 [ref. 23531], Arruda 1997:16 [ref. 24952], Lucifora & Menni 1998:87 [ref. 24056], Smith-Vaniz et al. 1999:121 [ref. 25013], Compagno 1999:478 [ref. 25589], Hutchins 2001:13 [ref. 25847], Compagno 2001:121 [ref. 26323], Soto 2001:65, 90 [ref. 26637], Bilecenoglu et al. 2002:10 [ref. 26753], Branstetter in Collette & Klein-MacPhee 2002:30 [ref. 26158], Compagno 2003:439 [ref. 26984], Gadig & Gomes in Menezes et al. 2003:25 [ref. 27192], Nelson et al. 2004:52 [ref. 27807], Duhamel et al. 2005:58 [ref. 32059], Hoese & Gates 2006:79 [ref. 28997], Fricke 2007:25 [ref. 30577], Fricke et al. 2007:12 [ref. 29533], White 2008:42 [ref. 30617], George 2009:34 [ref. 30539], Møller et al. 2010:16 [ref. 31169], Mecklenburg et al. 2011:115 [ref. 31212], Castro 2011:284 [ref. 31457], Mollen et al. 2012:32 [ref. 32005]). **Current status:** Valid as *Lamna nasus* (Bonnaterre 1788). Lamnidae. Distribution: Nearly worldwide in temperate seas (including Mediterranean Sea, Baltic Sea, North Sea). Habitat: marine.

pennanti, *Squalus* Walbaum [J. J.] 1792:517 [Petri Artedi sueci genera piscium Part 3; ref. 4572] Atlantic. No types known. •Synonym of *Lamna nasus* (Bonnaterre 1788) -- (Compagno 1984:248 [ref. 6474], Compagno 2001:121 [ref. 26323]).
Current status: Synonym of *Lamna nasus* (Bonnaterre 1788). Lamnidae. Habitat: marine.

philippii, *Lamna* Pérez Canto [C.] 1886:1 [Anales de la Universidad de Chile Sec. 1, v. 69; ref. 18531] Chile. ?MHNV (possibly lost). See also Philippi 1887:549 [17 of separate], Pl. 3 (fig. 2) [ref. 3464]. •Synonym of *Lamna nasus* (Bonnaterre 1788) -- (Compagno 1984:248 [ref. 6474], Compagno 2001:122 [ref. 26323], Castro 2011:284 [ref. 31457]). **Current status:** Synonym of *Lamna nasus* (Bonnaterre 1788). Lamnidae. Habitat: marine.

punctata, *Lamna* Storer [D. H.] 1839:534 [185], Pl. 8 [Pl. 3] (fig. 2) [Boston Journal of Natural History v. 2 (nos 3-4); ref. 4278] On p. 185 and Pl. 2 (fig. 2) in separate publication. Not an original description but a new combination for and misidentification of *Squalus punctatus* Mitchill 1815. •In the synonymy of *Lamna nasus* (Bonnaterre 1788) -- (Compagno 1984:248 [ref. 6474], Compagno 2001:122 [ref. 26323], Castro 2011:284 [ref. 31457]). **Current status:** Synonym of *Lamna nasus* (Bonnaterre 1788). Lamnidae.

selanonus, *Squalus* Leach [W. E.] (ex Walker) 1818:64, Pl. 2 (fig. 2) [Memoirs of the Wernerian Natural History Society, Edinburgh v. 2; ref. 12565] Lochfyne and Zetland, Scotland. Syntypes: College of Edinburgh (1, dry) Lochfyne, (1, jaws) Zetland. •Synonym of *Lamna nasus* (Bonnaterre 1788) -- (Compagno 1984:248 [ref. 6474], Compagno 2001:122 [ref. 26323]). **Current status:** Synonym of *Lamna nasus* (Bonnaterre 1788). Lamnidae. Habitat: marine.

walkeri, *Selanonius* Fleming [J.] (ex Walker) 1828:169 [A history of British animals; ref. 1339] Argyleshire, Britain. Based on *Squalus selanoneus* of Walker 1769:155 (manuscript). •Synonym of *Lamna nasus* (Bonnaterre 1758) -- (Compagno 1984:248 [ref. 6474], Compagno 2001:122 [ref. 26323]). **Current status:** Synonym of *Lamna nasus* (Bonnaterre 1788). Lamnidae. Habitat: marine.

whitleyi, *Lamna* Phillipps [W. J.] 1935:239, Fig. 3 [New Zealand Journal of Zoology, J. Sci. Tech. v. 16 (no. 4); ref. 15671] Island Bay, Wellington, New Zealand. Syntypes: whereabouts unknown. •Synonym of *Lamna nasus* (Bonnaterre 1788) -- (Paxton et al. 1989:68 [ref. 12442], Last & Stevens 1994:166 [ref. 23873], Compagno 2001:122 [ref. 26323], Hoese & Gates 2006:79 [ref. 28997], Castro 2011:284 [ref. 31457]). **Current status:** Synonym of *Lamna nasus* (Bonnaterre 1788). Lamnidae. Habitat: marine.

ORECTOLOBIFORMES

Rhincodontidae

***Rhincodon typus* Smith, 1828**

pentalineatus, *Rhincodon* Kishinouye [K.] 1901:694, Figs. 1-2 [Zoologischer Anzeiger v. 24 (no. 657/658); ref. 14762] Cape Inubo, Japan. Holotype (unique): whereabouts unknown. Specimen originally in private collection of T. Oseko. •Synonym of *Rhincodon typus* Smith 1828 -- (Compagno 1984:210 [ref. 6474],

Compagno 2001:203 [ref. [26323](#)]). **Current status:** Synonym of *Rhincodon typus* Smith 1828. Rhincodontidae. Habitat: marine.

punctatus, Micristodus Gill [T. N.] 1865:177 [Proceedings of the Academy of Natural Sciences of Philadelphia v. 17; ref. [1711](#)] Gulf of California, Mexico. Holotype (unique): USNM 231756 (jaws, vertebrae not found). Type catalog: Howe & Springer 1993:12 [ref. [21812](#)]. •Synonym of *Rhincodon typus* Smith 1828 -- (Compagno 1984:210 [ref. [6474](#)], Goto 2001:82 [ref. [25912](#)], Compagno 2001:203 [ref. [26323](#)], Espinosa Pérez et al. 2004:26 [ref. [27705](#)]). **Current status:** Synonym of *Rhincodon typus* Smith 1828. Rhincodontidae. Habitat: marine.

typicus, Rhinodon Müller [J.] & Henle [F. G. J.] 1839:77 [Systematische Beschreibung der Plagiostomen.; ref. [3069](#)] Unjustified emendation of *Rhincodon typus* Smith 1828; see also *Rhinodon typicus* Smith 1845. •Synonym of *Rhincodon typus* Smith 1828 -- (Compagno 1984:210 [ref. [6474](#)], Compagno 2001:203 [ref. [26323](#)]). **Current status:** Synonym of *Rhincodon typus* Smith 1828. Rhincodontidae. Habitat: marine.

typicus, Rhinodon Smith [A.] 1845:no pagination, Pl. 26 [Illustrations of the zoology of South Africa; consisting chiefly of figures and descriptions of the objects of natural history ... v. 4; ref. [4035](#)] Cape of Good Hope, South Africa. Holotype (unique): Now MNHN [Museum Jardin des Plantes, Paris]. Unjustified emendation of *Rhincodon typus* Smith 1828. •Synonym of *Rhincodon typus* Smith 1828. **Current status:** Synonym of *Rhincodon typus* Smith 1828. Rhincodontidae. Habitat: marine.

typus, Rhincodon Smith [A.] 1828:2 [South African Commercial Advertiser v. 3 (no. 145); ref. [12603](#)] Table Bay, South Africa [southeastern Atlantic]. Holotype (unique): MNHN 0000-9855 (stuffed, mounted). Type catalog: Bertin 1939:67 [ref. [20739](#)]. Also appeared as *Rhiniodon typus* in Smith 1829:443 [ref. [4976](#)]. The genus *Rhincodon* was conserved over *Rhiniodon* (Opinion 1278). •Valid as *Rhiniodon typus* (Smith 1828) -- (Kukuev 1996:279 [ref. [24643](#)], Mohsin & Ambak 1996:56 [ref. [27969](#)]). •Valid as *Rhincodon typus* Smith 1828 -- (Eschmeyer & Herald 1983:25 [ref. [9277](#)], Compagno 1984:210 [ref. [6474](#)], Dor 1984:4 [ref. [29757](#)], Nakaya & Shirai in Masuda et al. 1984:8 [ref. [6441](#)], Wolfson 1986:208 [ref. [6150](#)], Bass 1986:66 [ref. [19532](#)], Robins & Ray 1986:21 [ref. [23100](#)], Allen & Swainston 1988:20 [ref. [25477](#)], Paxton et al. 1989:94 [ref. [12442](#)], Pequeño 1989:12 [ref. [14125](#)], Randall et al. 1990:15 [ref. [15987](#)], Springer 1990:80 [ref. [19315](#)], Boschung 1992:19 [ref. [23239](#)], Cervigón 1992:183 [ref. [23827](#)], Allen & Robertson 1994:19 [ref. [22193](#)], Gomon et al. 1994:119 [ref. [22532](#)], Last & Stevens 1994:142 [ref. [23873](#)], Goren & Dor 1994:2 [ref. [25356](#)], Compagno et al. in Fischer et al. 1995:710 [ref. [22829](#)], Randall 1995:21 [ref. [22896](#)], Allen 1997:40 [ref. [23977](#)], Santos et al. 1997:7 [ref. [23531](#)], Grove & Lavenberg 1997:53 [ref. [24023](#)], Arruda 1997:15 [ref. [24952](#)], Cheng & Zhou 1997:24 [ref. [26385](#)] dated 1829, Randall et al. 1997:15 [ref. [25919](#)], Compagno 1998:1263 [ref. [23785](#)], McEachran & Fechhelm 1998:47 [ref. [23897](#)], Chirichigno F. & Vélez D. 1998:34 [ref. [24555](#)], Aguilera 1998:45 [ref. [24221](#)], Myers 1999:32 [ref. [23965](#)], Fricke 1999:13 [ref. [24106](#)], Morón et al. 1999:144 [ref. [24253](#)], Cervigón & Alcalá 1999:30 [ref. [24490](#)], Smith-Vaniz et al. 1999:109 [ref. [25013](#)], Compagno 1999:477 [ref. [25589](#)], Musick et al. 2000:8 [ref. [24959](#)], Nakabo 2000:121 [ref. [25086](#)], Compagno in Randall & Lim 2000:578 [ref. [25122](#)], Laboute & Grandperrin 2000:86 [ref. [25191](#)], Hutchins 2001:14 [ref. [25847](#)], Goto 2001:82 [ref. [25912](#)], Compagno 2001:203 [ref. [26323](#)], Soto 2001:63, 67 [ref. [26637](#)], Nakabo 2002:121 [ref. [26001](#)], Youn 2002:50, 470 [ref. [26218](#)], Gadig & Gomes in Menezes et al. 2003:21 [ref. [27192](#)], Compagno 2003:442 [ref. [26984](#)], Manilo & Bogorodsky 2003:S91 [ref. [27377](#)], Myers & Donaldson 2003:609 [ref. [27495](#)], Lobel & Lobel 2004:67 [ref. [27576](#)], Smith et al. 2003:5 [ref. [27621](#)],

Randall et al. 2004:5 [ref. 27624], Espinosa Pérez et al. 2004:26 [ref. 27705] dated 1829, Bonfil & Abdallah 2004:22 [ref. 27735], Nelson et al. 2004:51 [ref. 27807], Heemstra & Heemstra 2004:55 [ref. 28072], Mundy 2005:87 [ref. 28379], Randall et al. 2005:117 [ref. 28745], Compagno et al. 2005:23 [ref. 29145], Hoese & Gates 2006:130 [ref. 28997], Randall 2007:29 [ref. 30952], White 2008:51 [ref. 30617], Fricke et al. 2009:11 [ref. 30213], Kimura 2009:10 [ref. 30426], McCosker & Rosenblatt 2010:187 [ref. 30957], Motomura et al. 2010:68 [ref. 31256], Fricke et al. 2011:344 [ref. 31242], de la Parra Venegas et al. 2011:1 [ref. 31281], Castro 2011:194 [ref. 31457]). **Current status:** Valid as *Rhincodon typus* Smith 1828. Rhincodontidae. Distribution: Cosmopolitan in tropical seas (including Red Sea and Hawaiian Islands). Habitat: marine.

PRISTIFORMES

Pristidae

Anoxypristis cuspidata (Latham, 1794)

cuspidatus*, *Pristis Latham [J. F.] 1794:279, Pl. 26 (fig. 3) [The Transactions of the Linnean Society of London v. 2 (art. 25); ref. 2727] Malabar, India, Indian Ocean. Neotype: MNHN 0000-1250. Type catalog: Séret & McEachran 1986:9 [ref. 9312] with neotype established by reference to Dingerkus in press. •Valid as *Pristis cuspidatus* Latham 1794 -- (Dor 1984:13 [ref. 29757] as *cuspidata*, Nakaya in Masuda et al. 1984:12 [ref. 6441], Allen & Swainston 1988:24 [ref. 25477], Mohsin & Ambak 1996:71 [ref. 27969], Morón et al. 1999:154 [ref. 24253]). •Valid as *Anoxypristis cuspidata* (Latham 1794) -- (Paxton et al. 1989:58 [ref. 12442], Talwar & Jhingran 1991:32 [ref. 20764], Last & Stevens 1994:361 [ref. 23873], Goren & Dor 1994:4 [ref. 25356], Randall 1995:39 [ref. 22896], Allen 1997:44 [ref. 23977], Compagno & Last 1999:1413 [ref. 24637], Vossoughi & Vosoughi 1999:302 [ref. 25467], Compagno 1999:484 [ref. 25589], Compagno in Randall & Lim 2000:581 [ref. 25122], Hutchins 2001:15 [ref. 25847], Carvalho & McEachran in Reis et al. 2003:17 [ref. 27061] but status uncertain, Manilo & Bogorodsky 2003:S93 [ref. 27377], Bonfil & Abdallah 2004:43 [ref. 27735], Compagno et al. 2005:57 [ref. 29145], Hoese & Gates 2006:170 [ref. 28997]). **Current status:** Valid as *Anoxypristis cuspidata* (Latham 1794). Pristidae. Distribution: Red Sea, Indo-West Pacific. Habitat: brackish, marine.

Pristis clavata Garman, 1906

clavata*, *Pristis Garman [S.] 1906:208 [Bulletin of the Museum of Comparative Zoology v. 46 (no. 11); ref. 1542] Queensland, Australia, Coral Sea, southwestern Pacific. Holotype (unique): MCZ 733-S. Type catalog: Hartel & Dingerkus 1997:xli [ref. 23119]. •Synonym of *Pristis pristis* (Linnaeus 1758) -- (Paxton et al. 1989:58 [ref. 12442]). •Mention -- (Stehmann 1990:54 [ref. 19316]). •Valid as *Pristis clavata* Garman 1906 -- (Last & Stevens 1994:362 [ref. 23873], Compagno & Last 1999:1414 [ref. 24637], Compagno 1999:484 [ref. 25589], Hutchins 2001:15 [ref. 25847], Morgan et al. 2004:151 [ref. 27718], Hoese & Gates 2006:171 [ref. 28997], Thorburn et al. 2007:36 [ref. 29328], Morgan 2011:21 [ref. 31262]).

Current status: Valid as *Pristis clavata* Garman 1906. Pristidae. Distribution: Indo-West Pacific. Habitat: brackish, marine.

leichhardti, Pristiopsis Whitley [G. P.] 1945:44, Fig. 1 [Australian Zoologist v. 11 (pt 1); ref. 13156] Lynd River, northern Queensland, Australia. Holotype (unique): whereabouts unknown. Based on *Pristis* of Leichardt 1846, Journ. Roy. Geogr. Soc. London v. 16, p. 223. •Synonym of *Pristis pristis* (Linnaeus 1758) -- (Paxton et al. 1989:58 [ref. 12442]). •Synonym of *Pristis microdon* Latham 1794 -- (Last & Stevens 1994:365 [ref. 23873], Compagno & Last 1999:1415 [ref. 24637], with question). •Synonym of *Pristis clavata* Garman 1906 -- (Hoese & Gates 2006:171 [ref. 28997]). **Current status:** Synonym of *Pristis clavata* Garman 1906. Pristidae. Habitat: brackish, marine.

***Pristis microdon* Latham, 1794**

microdon, Pristis Latham [J. F.] 1794:280, Pl. 26 (fig. 4) [The Transactions of the Linnean Society of London v. 2 (art. 25); ref. 2727] No locality stated. Holotype (unique): Museum Parkinson (whereabouts unknown). •Synonym of *Pristis pristis* (Linnaeus 1758) -- (Paxton et al. 1989:58 [ref. 12442], Séret in Lévêque et al. 1990:60 [ref. 21589], Kottelat et al. 1993:1 [ref. 23448]). •Valid as *Pristis microdon* Latham 1794 -- (Krefft & Stehmann 1973:51 [ref. 7167], Roberts 1978:26 [ref. 8886], Daget 1984:3 [ref. 6170], Compagno 1986:110 [ref. 5648], Allen & Swainston 1988:24 [ref. 25477], Stehmann 1990:51 [ref. 19316], Allen & Coates 1990:51 [ref. 25561], Allen 1991:36 [ref. 21090], Talwar & Jhingran 1991:34 [ref. 20764], Cervigón 1992:204 [ref. 23827], Allen et al. 1992:297 [ref. 21400], Skelton 1993:345 [ref. 24071], Last & Stevens 1994:364 [ref. 23873], Poll & Gosse 1995:24 [ref. 24781], Compagno 1995:110 [ref. 21955], Castro-Aguirre & Espinosa Pérez 1996:16 [ref. 22793], Rainboth 1996:52 [ref. 22772], Allen 1997:44 [ref. 23977], Tan & Lim 1998:427 [ref. 23648], Fricke 1999:28 [ref. 24106], Morón et al. 1999:153 [ref. 24253], Castro-Aguirre et al. 1999:55 [ref. 24550], Compagno & Last 1999:1415 [ref. 24637], Compagno 1999:484 [ref. 25589], Nakabo 2000:158 [ref. 25086], Compagno in Randall & Lim 2000:581 [ref. 25122], Rafique 2000:327 [ref. 25220], Kottelat 2001:25 [ref. 25780], Hutchins 2001:15 [ref. 25847], Skelton 2001:345 [ref. 27406], Allen et al. 2002:330 [ref. 25930], Nakabo 2002:158 [ref. 26001], Taniuchi et al. 2003:237 [ref. 27369], Morgan et al. 2004:151 [ref. 27718], Heemstra & Heemstra 2004:75 [ref. 28072], Compagno et al. 2005:58 [ref. 29145], Hoese & Gates 2006:171 [ref. 28997], Thorburn et al. 2007:27 [ref. 29328], Allen et al. 2008:25 [ref. 30265], Fricke et al. 2009:11 [ref. 30213], Morgan 2011:21 [ref. 31262]). **Current status:** Valid as *Pristis microdon* Latham 1794. Pristidae. Distribution: Indo-West Pacific (including Madagascar and western Mascarenes, extinct in Réunion): shallow marine areas, often in estuaries and lower parts of rivers. Habitat: freshwater, brackish, marine.

***Pristis pectinata* Latham, 1794**

acutirostris, Pristis Duméril [A. H. A.] 1865:479 [Tableau élémentaire de l'histoire naturelle des animaux. v. 1; ref. 1150] Antilles, western Atlantic. Holotype (unique): MNHN A-9476 (stuffed). Type catalog: Bertin 1939:78 [ref. 20739], Séret & McEachran 1986:9 [ref. 9312]. •Synonym of *Pristis pectinata* Latham 1794 --

(Carvalho & McEachran in Reis et al. 2003:18 [ref. 27061]). **Current status:** Synonym of *Pristis pectinata* Latham 1794. Pristidae. Habitat: freshwater, brackish, marine.

granulosa, Pristis Bloch [M. E.] & Schneider [J. G.] (ex Parra) 1801:352 [M. E. Blochii, Systema Ichthyologiae.; ref. 471] [Loca vadosa Oceani] Havana, Cuba, Gulf of Mexico, western Atlantic. No types known. Based on the 'Pez de Espada' of Parra 1787:75, Pl. 33 [ref. 6840]. •Synonym of *Pristis pectinata* Latham 1794 -- (Krefft & Stehmann 1973:52 [ref. 7167], Stehmann 1990:52 [ref. 19316], Carvalho & McEachran in Reis et al. 2003:18 [ref. 27061]). **Current status:** Synonym of *Pristis pectinata* Latham 1794. Pristidae. Habitat: freshwater, brackish, marine.

megalodon, Pristis Duméril [A. H. A.] 1865:476, Pl. 9 (fig. 4) [Tableau élémentaire de l'histoire naturelle des animaux. v. 1; ref. 1150] No locality stated (is Cayenne, French Guiana). Holotype (unique): MNHN 0000-3483 (rostrum). Type catalog: Bertin 1939:78 [ref. 20739] as MNHN 3484, Séret & McEachran 1986:9 [ref. 9312]. •Synonym of *Pristis pectinata* Latham 1794 -- (Carvalho & McEachran in Reis et al. 2003:18 [ref. 27061]). **Current status:** Synonym of *Pristis pectinata* Latham 1794. Pristidae. Habitat: freshwater, brackish, marine.

occa, Pristobatus Duméril [A. H. A.] 1865:479 [Tableau élémentaire de l'histoire naturelle des animaux. v. 1; ref. 1150] Unknown locality. Holotype (unique): whereabouts unknown. •Synonym of *Pristis pectinata* Latham 1794 -- (Carvalho & McEachran in Reis et al. 2003:18 [ref. 27061] with question). **Current status:** Synonym of *Pristis pectinata* Latham 1794. Pristidae. Habitat: freshwater, brackish, marine.

pectinatus, Pristis Latham [J. F.] 1794:278, Pl. 26 (fig. 2) [The Transactions of the Linnean Society of London v. 2 (art. 25); ref. 2727] Ocean. No types known. Based on multiple historical authors. •Valid as *Pristis pectinatus* Latham 1794 -- (Bussing & López S. 1994:24 [ref. 23101]). •Valid as *Pristis pectinata* Latham 1794 -- (Krefft & Stehmann 1973:51 [ref. 7167], Dor 1984:13 [ref. 29757], Stehmann & Bürkel in Whitehead et al. 1984:154 [ref. 13675], Compagno 1986:111 [ref. 5648], Robins & Ray 1986:35 [ref. 23100], Stehmann 1990:52 [ref. 19316], Talwar & Jhingran 1991:34 [ref. 20764], Boschung 1992:25 [ref. 23239], Cervigón 1992:205 [ref. 23827], Allen & Robertson 1994:31 [ref. 22193], Last & Stevens 1994:365 [ref. 23873], Poll & Gosse 1995:75 [ref. 24781], Goren & Dor 1994:4 [ref. 25356], Compagno 1995:111 [ref. 21955], Castro-Aguirre & Espinosa Pérez 1996:15 [ref. 22793], Murdy et al. 1997:36 [ref. 23144], McEachran & Fechhelm 1998:136 [ref. 23897], Aguilera 1998:45 [ref. 24221], Chirichigno F. & Vélez D. 1998:62 [ref. 24555], Fricke 1999:28 [ref. 24106], Cervigón & Alcalá 1999:147 [ref. 24490], Castro-Aguirre et al. 1999:55 [ref. 24550], Compagno & Last 1999:1416 [ref. 24637], Smith-Vaniz et al. 1999:122 [ref. 25013], Compagno 1999:484 [ref. 25589], Compagno in Randall & Lim 2000:581 [ref. 25122], Menni & Stehmann 2000:75 [ref. 24909], Musick et al. 2000:9 [ref. 24959], Camargo & Isaac 2001:144 [ref. 27639], Bilecenoglu et al. 2002:173 [ref. 26753], Carvalho & McEachran in Reis et al. 2003:18 [ref. 27061], Gomes & Gadig in Menezes et al. 2003:27 [ref. 27192], McEachran & Carvalho 2003:526 [ref. 26985], Manilo & Bogorodsky 2003:S93 [ref. 27377], Bonfil & Abdallah 2004:43 [ref. 27735], Nelson et al. 2004:54 [ref. 27807], Heemstra & Heemstra 2004:76 [ref. 28072], Compagno et al. 2005:58 [ref. 29145], Miller 2006:80 [ref. 28615], Hoese & Gates 2006:171 [ref. 28997], Carvalho et al. 2007:151 [ref. 30012], Fricke et al. 2009:12 [ref. 30213], Matamoros et al. 2009:7 [ref. 31241]). **Current status:** Valid as *Pristis pectinata* Latham 1794. Pristidae. Distribution: Circumglobal in tropical and warm temperate seas (including Mediterranean Sea [extinct], Mascarenes [extinct]). Habitat: freshwater, brackish, marine.

serra, *Pristis* Bloch [M. E.] & Schneider [J. G.] 1801: [351], Pl. 70 (upper fig.) [M. E. Blochii, Systema Ichthyologiae.; ref. 471] As *Pristis pectinata* Latham, Pl. 70 (fig. 1) on p. 351; evidently the name *serra* on plate was not intended. •Synonym of *Pristis pectinata* Latham 1794 -- (Carvalho & McEachran in Reis et al. 2003: 18 [ref. 27061] with question). **Current status:** Synonym of *Pristis pectinata* Latham 1794. Pristidae. Habitat: freshwater, brackish, marine.

woermanni, *Pristis* Fischer [J. G.] 1884: 39 [Jahrbuch der Hamburgischen Wissenschaftlichen Anstalten v. 1; ref. 14381] Cameroon, West Africa. Holotype: ZMH 6278. Type catalog: Wilkens & Dohse 1993: 410 [ref. 21161], Thiel et al. 2009: 16 [ref. 30918]. Still researching. Carvalho & McEachran in Reis et al. 2003: 18 [ref. 27061] place with question under two species as noted above. •Synonym of *Pristis pectinata* Latham 1794 -- (Carvalho & McEachran in Reis et al. 2003: 18 [ref. 27061] with question). •Synonym of *Pristis pristis* (Linnaeus 1758) -- (Carvalho & McEachran in Reis et al. 2003: 19 [ref. 27061] with question). **Current status:** Synonym of *Pristis pectinata* Latham 1794. Pristidae. Habitat: freshwater, brackish, marine.

***Pristis perotteti* Müller & Henle, 1841**

perotteti, *Pristis* Müller [J.] & Henle [F. G. J.] 1841: 108, 192 [Systematische Beschreibung der Plagiostomen.; ref. 3069] Senegal, West Africa, in fresh water. Holotype (unique): MNHN (1, 107 cm) not found. Non-type: MNHN A-9699 (1, mounted female). Type catalog: Bertin 1939: 77-78 [ref. 20739] with A.9699 as paratype, but original description was based on "Ein exemplar", a dry male specimen. *Pristis perotteti* is a misspelling. Misspelled *Pristis perroteti* by Pellegrin 1921: 635 [ref. 30437]. •Synonym of *Pristis pristis* (Linnaeus 1758) -- (Séret in Lévêque et al. 1990: 60 [ref. 21589], Carvalho & McEachran in Reis et al. 2003: 19 [ref. 27061]). •Synonym of *Pristis microdon* Latham 1794 -- (Kreffft & Stehmann 1973: 51 [ref. 7167], Daget 1984: 3 [ref. 6170], Bussing 1987: 60 [ref. 22927], Stehmann 1990: 51 [ref. 19316], Castro-Aguirre & Espinosa Pérez 1996: 16 [ref. 22793], Compagno & Last 1999: 1415 [ref. 24637], with question). •Valid as *Pristis perotteti* Müller & Henle 1841 -- (Allen & Robertson 1994: 31 [ref. 22193], Bussing & López S. 1994: 24 [ref. 23101], Aguilera 1998: 45 [ref. 24221] as *perotteti*, Chirichigno F. & Vélez D. 1998: 62 [ref. 24555], Cervigón & Alcalá 1999: 148 [ref. 24490], Castro-Aguirre et al. 1999: 56 [ref. 24550], Compagno 1999: 485 [ref. 25589], Menni & Stehmann 2000: 75 [ref. 24909], Musick et al. 2000: 9 [ref. 24959], Camargo & Isaac 2001: 144 [ref. 27639] as *perotteti*). **Current status:** Valid as *Pristis perotteti* Müller & Henle 1841. Pristidae. Distribution: Cosmopolitan. Habitat: freshwater, brackish, marine.

***Pristis pristis* (Linnaeus, 1758)**

antiquorum, *Pristis* Latham [J. F.] 1794: 277, Pl. 26 (fig. 1) [The Transactions of the Linnean Society of London v. 2 (art. 25); ref. 2727] [In oceano] no specific locality stated (localities include Marseille, France; Italy; Lesbos Island, Greece; Syria, Mediterranean Sea; Brazil, southwestern Atlantic). No types known. Unnecessary replacement name for *Squalus pristis* Linnaeus 1758. •Synonym of

Pristis pristis (Linnaeus 1758) -- (Krefft & Stehmann 1973:51 [ref. 7167], Stehmann 1990:53 [ref. 19316], Carvalho & McEachran in Reis et al. 2003:19 [ref. 27061]). **Current status:** Synonym of *Pristis pristis* (Linnaeus 1758). Pristidae. Habitat: freshwater, brackish, marine.

canaliculata, Pristis Bloch [M. E.] & Schneider [J. G.] 1801:351 [M. E. Blochii, Systema Ichthyologiae.; ref. 471] No locality stated (localities include Marseille, France; Italy; Lesbos Island, Greece; Syria, Mediterranean Sea; Brazil, southwestern Atlantic). Based on Latham 1794, Pl. 26 (fig. 1), which is *Pristis antiquorum* Latham 1794. Unnecessary replacement name for *Squalus pristis* Linnaeus 1758. •Synonym of *Pristis pristis* (Linnaeus 1758) -- (Krefft & Stehmann 1973:51 [ref. 7167] as *caniculata*, Carvalho & McEachran in Reis et al. 2003:19 [ref. 27061]). **Current status:** Synonym of *Pristis pristis* (Linnaeus 1758). Pristidae. Habitat: freshwater, brackish, marine.

mississippiensis, Pristis Rafinesque [C. S.] 1820:86 [Ichthyologia Ohiensis, or natural history of the fishes inhabiting the river Ohio and its tributary streams,; ref. 3592] Mississippi River, Lake Pontchartrain, Red River, Arkansas River, Mobile River, and Ohio River, U.S.A. See Markle 1997:440 [ref. 23370]. •Probably a synonym of *Pristis pristis* (Linnaeus 1758) -- (Carvalho & McEachran in Reis et al. 2003:19 [ref. 27061]). **Current status:** Uncertain as *Pristis pristis* (Linnaeus 1758). Pristidae. Habitat: freshwater, brackish, marine.

pristis, Squalus Linnaeus [C.] 1758:235 [Systema Naturae, Ed. X. v. 1; ref. 2787] Mediterranean Sea, Indian Ocean, Western Atlantic [original: "in Europa"]; localities include Marseille, France; Italy; Lesbos Island, Greece; Syria; Brazil. No types known. Lectotype or neotype fixation needed. Originally based on multiple species and at least 32 pre-Linnaean sources including Artedi 1738:66 [ref. 30578] and Artedi 1738:93 [ref. 30349] as *Squalus rostro longo cuspidato osseo plano utrinque dentato*; Rondelet 1554:487 [ref. 30354] as *Prist(is)*, L'Écluse & Belon 1605:135 [ref. 30583] as *Pristis sive serra*, Jonston 1649:217 [ref. 30579] as *Pust(is)*, Charleton 1668:168 [ref. 30580] as *Pristis, serra*, Willughby 1686:61 [ref. 30164] and Ray 1713:23 [ref. 30231] as *Pristis sive serra piscis*. •Valid as *Pristis pristis* (Linnaeus 1758) -- (Krefft & Stehmann 1973:51 [ref. 7167], Stehmann & Bürkel in Whitehead et al. 1984:154 [ref. 13675], Robins & Ray 1986:35 [ref. 23100], Paxton et al. 1989:58 [ref. 12442], Stehmann 1990:53 [ref. 19316], Séret in Lévêque et al. 1990:60 [ref. 21589], Boschung 1992:25 [ref. 23239], Kottelat et al. 1993:1 [ref. 23448], Poll & Gosse 1995:75 [ref. 24781], McEachran & Notarbartolo-di-Sciara in Fischer et al. 1995:772 [ref. 22829], McEachran & Fechhelm 1998:137 [ref. 23897], Bussing 1998:53 [ref. 24179], Chirichigno F. & Vélez D. 1998:62 [ref. 24555], Bilecenoglu et al. 2002:173 [ref. 26753], Carvalho & McEachran in Reis et al. 2003:19 [ref. 27061], Gomes & Gadig in Menezes et al. 2003:27 [ref. 27192], McEachran & Carvalho 2003:526 [ref. 26985], Nelson et al. 2004:54 [ref. 27807], Miller 2006:81 [ref. 28615], Carvalho et al. 2007:151 [ref. 30012]). **Current status:** Valid as *Pristis pristis* (Linnaeus 1758). Pristidae. Distribution: Circumglobal (including southwestern Mediterranean Sea [formerly] and Madeira [formerly]). Habitat: freshwater, brackish, marine.

typica, Pristis Poey [F.] 1861:360 [Memorias sobre la historia natural de la Isla de Cuba, ... v. 2; ref. 3499] Unneeded replacement name for *Squalis pristis* Linnaeus 1758. •Objective synonym of *Pristis pristis* (Linnaeus 1758) -- (Carvalho & McEachran in Reis et al. 2003:19 [ref. 27061]). **Current status:** Synonym of *Pristis pristis* (Linnaeus 1758). Pristidae. Habitat: freshwater, brackish, marine.

zephyreus, Pristis Jordan [D. S.] & Starks [E. C.] in Jordan 1895:383 [Proceedings of the California Academy of Sciences (Series 2) v. 5; ref. 2394] Mouth of Río Presidio, Sinaloa, Mexico. Holotype (unique): SU 12670 (skin). •Synonym of *Pristis perotteti* Müller & Henle 1841 -- (Allen & Robertson 1994:31

[ref. 22193], Chirichigno F. & Vélez D. 1998:62 [ref. 24555]). •Synonym of *Pristis microdon* Latham 1794 -- (Castro-Aguirre & Espinosa Pérez 1996:16 [ref. 22793], Castro-Aguirre et al. 1999:56 [ref. 24550], Compagno & Last 1999:1415 [ref. 24637], with question). •Synonym of *Pristis pristis* (Linnaeus 1758) -- (Carvalho & McEachran in Reis et al. 2003:19 [ref. 27061]). **Current status:** Synonym of *Pristis pristis* (Linnaeus 1758). Pristidae. Habitat: freshwater, brackish, marine.

***Pristis zijsron* Bleeker, 1851**

dubius, Pristis Bleeker [P.] 1852:56, Pl. 4 (fig. 11) [Verhandelingen van het Bataviaasch Genootschap van Kunsten en Wetenschappen. v. 24 (art. 12); ref. 333] No locality stated (is Indonesia). RMNH D7418. Bleeker specimens: MNHN 0000-1226 (1). Misspelled *dubia* on Pl. 4, as *dubius* elsewhere. For type information see van Oijen et al. 2007:37 [ref. 29153]. •Synonym of *Pristis zijsron* Bleeker 1851 -- (van Oijen et al. 2007:37, 44 [ref. 29153]). **Current status:** Synonym of *Pristis zijsron* Bleeker 1851. Pristidae. Habitat: freshwater, brackish, marine.

leptodon, Pristis Duméril [A. H. A.] 1865:480 [Tableau élémentaire de l'histoire naturelle des animaux. v. 1; ref. 1150] Red Sea. Syntypes: MNHN 0000-3485 (1, stuffed and mounted), 0000-3486 (1, skin). Type catalog: Bertin 1939:78 [ref. 20739], Séret & McEachran 1986:9 [ref. 9312]. •Synonym of *Pristis pectinata* Latham 1794 -- (Dor 1984:13 [ref. 29757]). •Synonym of *Pristis zijsron* Bleeker 1851 -- (authors). **Current status:** Synonym of *Pristis zijsron* Bleeker 1851. Pristidae. Habitat: freshwater, brackish, marine.

zijsron, Pristis Bleeker [P.] 1851:442 [Natuurkundig Tijdschrift voor Nederlandsch Indië v. 2; ref. 16897] Bandjarmasin, Borneo, Indonesia. Holotype (unique): RMNH 7418 (saw only). •Valid as *Pristis zijsron* Bleeker 1851-- (Compagno 1986:111 [ref. 5648], Allen & Swainston 1988:24 [ref. 25477], Allen & Swainston 1988:24 [ref. 25477], Paxton et al. 1989:59 [ref. 12442], Last & Stevens 1994:366 [ref. 23873], Compagno 1995:111 [ref. 21955], Randall 1995:40 [ref. 22896], Allen 1997:44 [ref. 23977], Fricke 1999:28 [ref. 24106], Morón et al. 1999:154 [ref. 24253], Compagno & Last 1999:1417 [ref. 24637], Johnson 1999:718 [ref. 25471], Compagno in Randall & Lim 2000:581 [ref. 25122], Hutchins 2001:15 [ref. 25847], Manilo & Bogorodsky 2003:S93 [ref. 27377], Bonfil & Abdallah 2004:43 [ref. 27735], Heemstra & Heemstra 2004:76 [ref. 28072], Compagno et al. 2005:58 [ref. 29145], Hoese & Gates 2006:172 [ref. 28997]). **Current status:** Valid as *Pristis zijsron* Bleeker 1851. Pristidae. Distribution: Indo-West Pacific: East Africa and Mauritius (Mascarenes) east to Philippines and New Guinea, north to South China Sea, south to New South Wales (Australia). Habitat: freshwater, brackish, marine.

ACTINOPTERYGII

ACIPENSERIFORMES

Acipenseridae

Acipenser baerii Brandt, 1869

baerii*, *Acipenser Brandt [J. F.] 1869:115 [Mélanges biologiques v. 7; ref. 618] Ob and Lena river systems, Siberia, Russia. Syntypes: whereabouts unknown. For remarks on systematics see Kottelat 2006:15 [ref. 28831]. •Valid as *Acipenser baerii* Brandt 1869 -- (Berg 1948:86 [ref. 12882], Coad 1995:6 [ref. 23608], Artyukhin 1995:7 [ref. 23782], Zhu 1995:5 [ref. 25213] as *baeri*, Chereshev 1996:598 [ref. 24659] as *baeri*, Coad 1996:84 [ref. 25304] as *baeri*, Bemis et al. 1997:37 [ref. 22871], Sokolov 1997:47 [ref. 24690] as *baeri*, Reshetnikov et al. 1997:725 [ref. 24702], Birstein & Bemis 1997:158 [ref. 29760] with subspecies, Sokolov 1998:19 [ref. 23571], Dyer 2000:89 [ref. 26678] as *baeri*, Bogutskaya et al. 2001:42 [ref. 26178], Zhang 2001:36 [ref. 26586], Mecklenburg et al. 2002:115 [ref. 25968], López et al. 2003:7 [ref. 27366] as cf. *baerii*, Sideleva 2003:8 [ref. 27815] as *baerii* with subspecies, Hanel 2003:47 [ref. 27894], Menni 2004:71 [ref. 28131] as cf. *baerii*, Bogutskaya & Naseka 2004:22 [ref. 28183] with subspecies, Kottelat 2006:15 [ref. 28831], Ocock et al. 2006:26 [ref. 28933], Kottelat & Freyhof 2007:50 [ref. 29996], Mecklenburg et al. 2011:117 [ref. 31212], Ruban et al. 2011:471 [ref. 31229], Hilton et al. 2011:136 [ref. 31407]). **Current status:** Valid as *Acipenser baerii* Brandt 1869. Acipenseridae. Distribution: Northeastern Asia; Arctic rivers of Europe and Siberia; introduced elsewhere. Habitat: freshwater, brackish.

baicalensis*, *Acipenser stenorrhynchus var. Nikolskii [A. M.] 1896:401 [Ezhegodnik. Zoologicheskogo Muzeya Imperatorskogo Akademii Nauk = Ezhegodnik (Zoologicheskii muzei (Akademii nauk SSSR)) v. 1; ref. 14614] Lake Baikal, Siberia, Russia. Syntypes: MLSU 1631 (1), ZIN 10641 (2). •Synonym of *Acipenser baerii* Brandt 1869 -- (Berg 1948:86 [ref. 12882], Kottelat 2006:15 [ref. 28831]). •Synonym of *Acipenser baerii* Brandt 1869, but a valid subspecies as described -- (Reshetnikov et al. 1997:726 [ref. 24702], Sokolov 1998:20 [ref. 23571], Sideleva 2001:45 [ref. 26181], Sideleva 2003:8 [ref. 27815], Ocock et al. 2006:26 [ref. 28933]). **Current status:** Synonym of *Acipenser baerii* Brandt 1869. Acipenseridae. Habitat: freshwater, brackish.

chatys*, *Acipenser baeri Dryagin [P. A.] 1948:532 [Zoologicheskii Zhurnal v. 27 (no. 6); ref. 13007] From Lena to Kolyma rivers, Sakha-Yakutia, northeastern Russia. Syntypes: (27). •Synonym of *Acipenser baerii* Brandt 1869 -- (Kottelat 2006:15 [ref. 28831]). •Synonym of *Acipenser baerii* Brandt 1869, but a valid subspecies as described -- (Sokolov 1998:20 [ref. 23571], Bogutskaya & Naseka 2004:23 [ref. 28183]). **Current status:** Synonym of *Acipenser baerii* Brandt 1869. Acipenseridae. Habitat: freshwater, brackish.

stenorrhynchus*, *Acipenser Nikolskii [A. M.] 1896:400 [Ezhegodnik. Zoologicheskogo Muzeya Imperatorskogo Akademii Nauk = Ezhegodnik (Zoologicheskii muzei (Akademii nauk SSSR)) v. 1; ref. 14614] Large rivers of Siberia flowing to the Arctic. Syntypes: ZIN 10641 (2), 10885 (1), 10888 (1). ZISP 10641 also type of variety *baicalensis*. •Synonym of *Acipenser baerii* Brandt 1869 -- (Berg 1948:86 [ref. 12882], Kottelat 2006:15 [ref. 28831]). •Synonym of *Acipenser baerii* Brandt 1869, but a valid subspecies -- (Chereshev 1996:599 [ref. 24659] as *stenorrhynchus*, Chereshev et al. 2001:32 [ref. 26736] as *stenorrhynchus*, Reshetnikov 1997:725 [ref. 24702], Sokolov 1998:19 [ref. 23571], Bogutskaya & Naseka 2004:23 [ref. 28183], Ocock et al. 2006:26 [ref. 28933]). **Current status:** Synonym of *Acipenser baerii* Brandt 1869. Acipenseridae. Habitat: freshwater, brackish.

***Acipenser brevirostrum* Lesueur, 1818**

brevirostris, Acipenser ruthenus var. Antipa [G.] 1909:250, Pl. 31? (fig. 94) [Publicatiunile fondului Vasilie Adamachi, Academia romana [Fauna ichtiologica a romaniei, de dr. Gr. Antipa]. v. 3 (no. 16); ref. [15922](#)] Objectively invalid if treated as available, preoccupied by *Acipenser brevirostrum* Lesueur 1818. Treated by Kottelat 1997:32 [ref. [22952](#)] as infrasubspecific and unavailable; from Danube R. •In the synonymy of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:32 [ref. [22952](#)]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae.

brevirostrum, Acipenser Lesueur [C. A.] 1818:390 [Transactions of the American Philosophical Society v. 1; ref. [17515](#)] Delaware River, U.S.A. Holotype: ANSP 16953 (mounted specimen). Additional material: (1). Type catalog: Böhlke 1984:17 [ref. [13621](#)]. As *Acipenser brevirostrus* in some early literature; but apparently treated as a noun in apposition by current workers. •Valid as *Acipenser brevirostrum* Lesueur 1818 -- (Lee et al. 1980:38 [ref. [22416](#)], Smith 1986:44 [ref. [22186](#)], Robins & Ray 1986:46 [ref. [23100](#)], Scott & Scott 1988:65 [ref. [25518](#)], McAllister 1990:40 [ref. [14674](#)], Burkhead & Jenkins 1991:342 [ref. [21804](#)], Page & Burr 1991:25 [ref. [18983](#)], Musick et al. in Jenkins & Burkhead 1994:185 [ref. [21581](#)], Artyukhin 1995:7 [ref. [23782](#)], Bemis et al. 1997:37 [ref. [22871](#)], Murdy et al. 1997:54 [ref. [23144](#)], Birstein & Bemis 1997:159 [ref. [29760](#)], Scott & Crossman 1998:80 [ref. [24570](#)], Musick et al. 2000:10 [ref. [24959](#)], Musick in Collette & Klein-MacPhee 2002:83 [ref. [26158](#)], Scott 2003:671 [ref. [26987](#)], Nelson et al. 2004:58 [ref. [27807](#)], Scharpf 2005:6 [ref. [28940](#)], Page & Burr 2011:134 [ref. [31215](#)], Hilton et al. 2011:11 [ref. [31407](#)]). **Current status:** Valid as *Acipenser brevirostrum* Lesueur 1818. Acipenseridae. Distribution: Atlantic Coast from New Brunswick, Canada to northern Florida, U.S.A. Habitat: freshwater, brackish, marine.

dekayi, Acipenser (Huso) Duméril [A. H. A.] 1870:168 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. [1147](#)] New York, U.S.A. Holotype (unique): MCZ 8924. •Synonym of *Acipenser brevirostrum* Lesueur 1818 -- (Smith 1986:45 [ref. [22186](#)], Hilton et al. 2011:11 [ref. [31407](#)]). **Current status:** Synonym of *Acipenser brevirostrum* Lesueur 1818. Acipenseridae. Habitat: freshwater, brackish, marine.

lesueurii, Acipenser (Huso) Duméril [A. H. A.] (ex Valenciennes) 1870:166, Pl. 16 (figs. 1, 1a) [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. [1147](#)] New York, U.S.A. Holotype (unique): MNHN 0000-3489. Type catalog: Bertin 1940:252 [ref. [293](#)]. •Synonym of *Acipenser brevirostrum* Lesueur 1818 -- (Smith 1986:45 [ref. [22186](#)], Hilton et al. 2011:11 [ref. [31407](#)]). **Current status:** Synonym of *Acipenser brevirostrum* Lesueur 1818. Acipenseridae. Habitat: freshwater, brackish, marine.

measius, Acipenser Lesueur [C. A.] in Vaillant 1896:26 [12], Pl. 17 (unedited) [Bulletin de la Société philomathique de Paris (8th Série) v. 8 (no. 1); ref. [13482](#)] No locality. On p. 12 of separate. •Synonym of *Acipenser brevirostrum* Lesueur 1818 -- (Hilton et al. 2011:11 [ref. [31407](#)]). **Current status:** Synonym of *Acipenser brevirostrum* Lesueur 1818. Acipenseridae.

microrhynchus, Acipenser (Huso) Duméril [A. H. A.] 1870:164 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. [1147](#)] Port of New York,

New York, U.S.A. Holotype (unique): MCZ (whereabouts unknown). •Synonym of *Acipenser brevirostrum* Lesueur 1818 -- (Smith 1986:45 [ref. 22186], Hilton et al. 2011:11 [ref. 31407]). **Current status:** Synonym of *Acipenser brevirostrum* Lesueur 1818. Acipenseridae. Habitat: freshwater, brackish, marine.

obtusirostris, Acipenser Lovetsky [A.] 1834:257 [Nouveaux mémoires de la Société impériale des naturalistes de Moscou v. 3; ref. 18085] Not available, name only. Name attributed to Le Sueur. •In the synonymy of *Acipenser brevirostrum* Lesueur 1818 -- (Hilton et al. 2011:11 [ref. 31407]). **Current status:** Synonym of *Acipenser brevirostrum* Lesueur 1818. Acipenseridae.

rostellum, Acipenser (Huso) Duméril [A. H. A.] 1870:173, Pl. 16 (figs. 3, 3a) [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Probably New York, U.S.A. Holotype (unique): MNHN 0000-3490. Type catalog: Bertin 1940:252 [ref. 293]. •Synonym of *Acipenser brevirostrum* Lesueur 1818 -- (Smith 1986:45 [ref. 22186], Hilton et al. 2011:11 [ref. 31407]). **Current status:** Synonym of *Acipenser brevirostrum* Lesueur 1818. Acipenseridae. Habitat: freshwater, brackish, marine.

simus, Acipenser (Huso) Duméril [A. H. A.] (ex Valenciennes) 1870:175, Pl. 16 (figs. 2, 2a) [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] North America. Holotype (unique): MNHN 0000-3491. Type catalog: Bertin 1940:252 [ref. 293]. •Synonym of *Acipenser brevirostrum* Lesueur 1818 -- (Smith 1986:45 [ref. 22186], Hilton et al. 2011:11 [ref. 31407] as Valenciennes in Duméril). **Current status:** Synonym of *Acipenser brevirostrum* Lesueur 1818. Acipenseridae. Habitat: freshwater, brackish, marine.

***Acipenser dabryanus* Duméril, 1868**

dabryanus, Acipenser Duméril [A. H. A.] 1869:98, Pl. 22 (figs. 1, 1a-b) [Nouvelles Archives du Muséum d'Histoire Naturelle, Paris v. 4; ref. 14095] Yangtze River, China. Holotype (unique): MNHN 0000-5105. Type catalog: Bertin 1940:249-250 [ref. 293]. Also appeared in Duméril 1870:193 [ref. 1147]. •Valid as *Acipenser dabryanus* Duméril 1869 -- (Ding 1994:29 [ref. 21531], Artyukhin 1995:7 [ref. 23782], Zhu 1995:6 [ref. 25213], Bemis et al. 1997:37 [ref. 22871], Kim 1997:141 [ref. 24032], Birstein & Bemis 1997:158 [ref. 29760], Chen in Chen 1998:36 [ref. 23556], Yue & Chen 1998:9 [ref. 26415], Zhang 2001:30 [ref. 26586] dated 1868, Kim & Park 2002:38 [ref. 25913], Youn 2002:136, 487 [ref. 26218], Hilton et al. 2011:136 [ref. 31407]). **Current status:** Valid as *Acipenser dabryanus* Duméril 1869. Acipenseridae. Distribution: Yangtze River basin, China and Korea. Habitat: freshwater.

***Acipenser fulvescens* Rafinesque, 1817**

acutirostris, Acipenser ruthenus form Roussow [G.] 1955:79 [American Antiquity v. 21; ref. 26406] Not available; infrasubspecific. •Wrongly treated as a subspecies of [in the synonymy of] *Acipenser fulvescens* Rafinesque 1817 -- (Scott

& Crossman 1998:89 [ref. [24570](#)]). **Current status:** Synonym of *Acipenser*. Acipenseridae.

anasimos, Acipenser (Huso) Duméril [A. H. A.] 1870:122 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. [1147](#)] St. Louis, Missouri, U.S.A. Holotype (unique): MCZ (whereabouts unknown). •Synonym of *Acipenser fulvescens* Rafinesque 1817. **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

anthracinus, Acipenser (Huso) Duméril [A. H. A.] 1870:126, Pl. 15 (figs. 4, 4a-b) [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. [1147](#)] Lake Erie, North America. Syntypes: MNHN 0000-9096 (1, dry), 0000-9112 (1, dry). Type catalog: Bertin 1940:251 [ref. [293](#)]. •Synonym of *Acipenser fulvescens* Rafinesque 1817 -- (Scott & Crossman 1998:89 [ref. [24570](#)] as *anthracinus*). **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

atelaspis, Acipenser (Huso) Duméril [A. H. A.] 1870:141 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. [1147](#)] Saskatchewan River, Canada. Holotype (unique): MCZ (whereabouts unknown). •Synonym of *Acipenser fulvescens* Rafinesque 1817 -- (Scott & Crossman 1998:89 [ref. [24570](#)]). **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

buffalo, Acipenser (Antaceus) Duméril [A. H. A.] 1867:175, Pl. 14 (figs. 1, 1a-b) [Nouvelles Archives du Muséum d'Histoire Naturelle, Paris v. 3; ref. [14072](#)] Lake Erie, Buffalo, New York, U.S.A. Holotype (unique): MCZ (whereabouts unknown). Also appeared in Duméril 1870:231, pl. 19 (fig. 1) [ref. [1147](#)]. •Synonym of *Acipenser fulvescens* Rafinesque 1817 -- (Smith 1986:47 [ref. [22186](#)], Scott & Crossman 1998:89 [ref. [24570](#)]). **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

carbonarius, Acipenser Agassiz [L.] 1850:271, Pl. 5 (figs. 1-3) [Lake Superior: its physical character, vegetation, and animals, compared with those of other and similar regions.; ref. [66](#)] Michipicotin, on northeastern shore of Lake Superior, North America. Holotype (unique): whereabouts unknown. •Synonym of *Acipenser fulvescens* Rafinesque 1817 -- (Scott & Crossman 1998:89 [ref. [24570](#)]). **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

cataphractus, Acipenser Gray [J. E.] (ex Rapp) 1835:122 [Proceedings of the General Meetings for Scientific Business of the Zoological Society of London 1834 (pt 2); ref. [18155](#)] Mississippi River, U.S.A. Possible holotype: BMNH 2004.12.8.3. The diagnosis was quoted from a manuscript by Rapp but the description was by Gray; authorship herein regarded as Gray (ex Rapp). •Synonym of *Acipenser fulvescens* Rafinesque 1817. **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

cincinnati, Acipenser (Antaceus) Duméril [A. H. A.] 1867:174, Pl. 14 (figs. 2, 2a-b) [Nouvelles Archives du Muséum d'Histoire Naturelle, Paris v. 3; ref. [14072](#)] Cincinnati, Ohio, U.S.A. Holotype (unique): MCZ (whereabouts unknown). Also appeared in Duméril 1870:229 [ref. [1147](#)]. •Synonym of *Acipenser fulvescens* Rafinesque 1817. **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

copei, Acipenser (Huso) Duméril [A. H. A.] 1870:108 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. [1147](#)] Upper Missouri River (?), U.S.A.

Holotype (unique): MCZ 100696 [tracking no.] (not found). •Synonym of *Acipenser fulvescens* Rafinesque 1817. **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

fulvescens, Acipenser Rafinesque [C. S.] 1817:288 [American Monthly Magazine and Critical Revue v. 1; ref. 19654] Lake Erie, North America. No types known. Original genus should have been *Acipenser*. The two subspecies names, *acutirostris* and *obtusirostris*, attributed to Roussow 1955:79 [ref. 26406] in Scott & Crossman 1998:89 [ref. 24570] were only mentioned as forms of *Acipenser ruthenus* Linnaeus 1758 (not of *A. fulvescens*) and are not available names. •Valid as *Acipenser fulvescens* Rafinesque 1817 -- (Lee et al. 1980:39 [ref. 22416], Smith 1986:45 [ref. 22186], Robison & Buchanan 1988:78 [ref. 23393], McAllister 1990:40 [ref. 14674], Tomelleri & Eberle 1990:11 [ref. 24089], Page & Burr 1991:26 [ref. 18983], Boschung 1992:28 [ref. 23239], Etnier & Starnes 1993:99 [ref. 22809], Artyukhin 1995:7 [ref. 23782], Chereshev 1996:599 [ref. 24659], Stauffer et al. 1995:30 [ref. 23376], Cross & Collins 1995:21 [ref. 23394], Mettee et al. 1996:77 [ref. 25836], Bemis et al. 1997:37 [ref. 22871], Birstein & Bemis 1997:159 [ref. 29760], Scott & Crossman 1998:82 [ref. 24570], Fuller et al. 1999:22 [ref. 25838], Lyons et al. 2000:20 [ref. 26594], Ross et al. 2001:71 [ref. 25978], Nelson et al. 2004:58 [ref. 27807], Bailey et al. 2004:61 [ref. 27882], Boschung & Mayden 2004:102 [ref. 27995], Scharpf 2005:6 [ref. 28940], Page & Burr 2011:135 [ref. 31215], Hilton et al. 2011:136 [ref. 31407]). **Current status:** Valid as *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Distribution: North America: Canada and east-central U.S.A. Habitat: freshwater, brackish.

honneymani, Acipenser (Huso) Duméril [A. H. A.] 1870:177 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Nouvelle-Ecosse, Canada. Holotype (unique): MNHN 0000-4843. Type catalog: Bertin 1940:252 [ref. 293]. •Synonym of *Acipenser fulvescens* Rafinesque 1817. **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

kirtlandii, Acipenser (Huso) Duméril [A. H. A.] 1870:161 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Lake Erie, North America. Holotype (unique): MNHN 0000-3109 (mounted). Type catalog: Bertin 1940:252 [ref. 293]. •Synonym of *Acipenser rubicundus* Lesueur 1818 -- (authors). •Synonym of *Acipenser fulvescens* Rafinesque 1817 -- (Scott & Crossman 1998:89 [ref. 24570]). **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

laevis, Acipenser Agassiz [L.] 1850:267 [Lake Superior: its physical character, vegetation, and animals, compared with those of other and similar regions.; ref. 66] The Pic, Lake Superior, North America. No types known. •Synonym of *Acipenser fulvescens* Rafinesque 1817 -- (Scott & Crossman 1998:89 [ref. 24570]). **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

lamarii, Acipenser (Huso) Duméril [A. H. A.] 1870:139 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Upper Mississippi River or Lake Erie, U.S.A. Holotype (unique): MNHN 0000-9115 (dry). Type catalog: Bertin 1940:251 [ref. 293]. •Synonym of *Acipenser fulvescens* Rafinesque 1817 -- (Scott & Crossman 1998:89 [ref. 24570]). **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

liopeltis, Acipenser Günther [A.] 1870:341 [Catalogue of the fishes in the British Museum. v. 8; ref. 1995] Mississippi, U.S.A. Holotype (unique): BMNH. •Synonym

of *Acipenser fulvescens* Rafinesque 1817. **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

macrostomus, Accipenser Rafinesque [C. S.] 1820:249 [Western Revue and Miscellaneous Magazine v. 3 (no. 4); ref. 5088] Lower parts of the Ohio River, U.S.A. No types known. Described as belonging to subgenus *Sterletus*, but listed as above. Also in Rafinesque 1820:81 [ref. 3592]. Correct spelling of genus is *Acipenser*. •Synonym of *Acipenser fulvescens* Rafinesque 1817. **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

maculosus, Acipenser Lesueur [C. A.] 1818:393 [Transactions of the American Philosophical Society v. 1; ref. 17515] Ohio River, U.S.A. Syntypes: ANSP (2). •Synonym of *Acipenser fulvescens* Rafinesque 1817 -- (Boschung & Mayden 2004:102 [ref. 27995]). **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

megalaspis, Acipenser (Huso) Duméril [A. H. A.] 1870:135 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Lake Champlain at Burlington, Vermont, U.S.A. Holotype (unique) (?): MCZ 8953. This name was misspelled as *megalepis* in earlier versions of the Catalog of Fishes. •Synonym of *Acipenser fulvescens* Rafinesque 1817 -- (Smith 1986:47 [ref. 22186], Scott & Crossman 1998:89 [ref. 24570]). **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

nertinianus, Acipenser (Huso) Duméril [A. H. A.] 1870:162 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Homer, Michigan, U.S.A. Holotype (unique): MCZ 24032. •Synonym of *Acipenser fulvescens* Rafinesque 1817. **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

obtusirostris, Acipenser ruthenus form Roussow [G.] 1955:79 [American Antiquity v. 21; ref. 26406] Not available; infrasubspecific. •Wrongly treated as a subspecies of [in the synonymy of] *Acipenser fulvescens* Rafinesque 1817 -- (Scott & Crossman 1998:89 [ref. 24570]). Acipenseridae.

ohiensis, Accipenser Rafinesque [C. S.] 1820:248 [Western Revue and Miscellaneous Magazine v. 3 (no. 4); ref. 5088] Ohio River, U.S.A. Described as belonging to subgenus *Sterletus*, but listed as above. Also in Rafinesque 1820:81 [ref. 3592]. Correct spelling of genus is *Acipenser*. •Synonym of *Acipenser fulvescens* Rafinesque 1817. **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

paranasimos, Acipenser (Huso) Duméril [A. H. A.] 1870:124 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Huntsville, Alabama, U.S.A. Holotype (unique): MCZ 8948. •Synonym of *Acipenser fulvescens* Rafinesque 1817 -- (Boschung & Mayden 2004:102 [ref. 27995]). **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

platyrhinus, Acipenser (Huso) Duméril [A. H. A.] 1870:154 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Upper Mississippi River or Lake Erie, U.S.A. Holotype (unique): MNHN 0000-5007 (mounted). Type catalog: Bertin 1940:251 [ref. 293]. •Synonym of *Acipenser rubicundus* Lesueur 1818 -- (authors). •Synonym of *Acipenser fulvescens* Rafinesque 1817 -- (authors). **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

rafinesquii, Acipenser (Huso) Duméril [A. H. A.] 1870:143 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Ohio River, U.S.A. Holotype (unique): MCZ 8950. •Synonym of *Acipenser fulvescens* Rafinesque 1817. **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

rauchii, Acipenser (Huso) Duméril [A. H. A.] 1870:118 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Osage River, Missouri, U.S.A. Holotype (unique): MCZ 8946. •Synonym of *Acipenser fulvescens* Rafinesque 1817. **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

rhynchaeus, Acipenser Agassiz [L.] 1850:276 [Lake Superior: its physical character, vegetation, and animals, compared with those of other and similar regions.; ref. 66] Sault Sainte Marie, Lake Superior, North America. Syntypes: whereabouts unknown. •Synonym of *Acipenser fulvescens* Rafinesque 1817 -- (Scott & Crossman 1998:89 [ref. 24570]). **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

richardsonii, Acipenser (Huso) Duméril [A. H. A.] 1870:120 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Upper Mississippi River, U.S.A. Holotype (unique): MNHN 0000-9113 (dry). Type catalog: Bertin 1940:250 [ref. 293]. •Synonym of *Acipenser rubicundus* Lesueur 1818 -- (authors). •Synonym of *Acipenser fulvescens* Rafinesque 1817 -- (authors). **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

rosarium, Acipenser (Huso) Duméril [A. H. A.] 1870:152, Pl. 17 (figs. 2, 2a) [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Upper Mississippi River or Lake Erie, U.S.A. Holotype (unique): MNHN 0000-5009 (dry). Type catalog: Bertin 1940:251 [ref. 293]. •Synonym of *Acipenser rubicundus* Lesueur 1818 -- (authors). •Synonym of *Acipenser fulvescens* Rafinesque 1817 -- (Scott & Crossman 1998:89 [ref. 24570]). **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

rubicundus, Acipenser Lesueur [C. A.] 1818:388, Pl. 12 [Transactions of the American Philosophical Society v. 1; ref. 17515] Lakes Ontario, Erie, Huron and Michigan, North America. No types known. Redescribed and illustrated by Lesueur 1827:9, Pl. 5 [ref. 17524] with genus as *Accipenser*. •Synonym of *Acipenser fulvescens* Rafinesque 1817 -- (Smith 1986:47 [ref. 22186], Scott & Crossman 1998:89 [ref. 24570], Boschung & Mayden 2004:102 [ref. 27995]). **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

rupertianus, Acipenser Richardson [J.] 1836:311, Pl. 97 (fig. 1) [Fauna Boreali-Americana; or the zoology of the northern parts of British America: ... Part 3; ref. 3731] Albany River, Prince Rupert's Land, Canada. Syntypes: (2) whereabouts unknown •Synonym of *Acipenser fulvescens* Rafinesque 1817 -- (Scott & Crossman 1998:89 [ref. 24570]). **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

serotimus, Accipenser Rafinesque [C. S.] 1820:248 [Western Revue and Miscellaneous Magazine v. 3 (no. 4); ref. 5088] Ohio and Kentucky rivers, U.S.A. Described as belonging to subgenus *Sterletus*, but listed as above. Also in Rafinesque 1820:80 [ref. 3592]. Correct spelling of genus is *Acipenser*. •Synonym of *Acipenser fulvescens* Rafinesque 1817. **Current status:** Synonym of *Acipenser fulvescens* Rafinesque 1817. Acipenseridae. Habitat: freshwater, brackish.

***Acipenser gueldenstaedtii* Brandt & Ratzeburg, 1833**

aculeatus*, *Acipenser Lovetsky [A.] (ex Fischer) 1834:262, Pl. 19 (fig. 2) [Nouveaux mémoires de la Société impériale des naturalistes de Moscou v. 3; ref. [18085](#)] Dnjepr River in Jekaterinoslaw/Yekaterinoslav Province, Russia. [Original as "Fluvius Borysthenes. Sed uti videtur, locis restrictis Gubern. Catherinoslaw!"]
•Synonym of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833 -- (Kottelat 1997:30 [ref. [22952](#)]). **Current status:** Synonym of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833. Acipenseridae. Habitat: freshwater, brackish, marine.

acutirostris*, *Acipenser gueldenstaedtii var. Antipa [G.] 1909:262 [Publicatiunile fondului Vasilie Adamachi, Academia romana [Fauna ichtiologica a romaniei, de dr. Gr. Antipa]. v. 3 (no. 16); ref. [15922](#)] Danube River. Original not seen. Treated by Kottelat 1997 as infrasubspecific. If available would be a junior homonym of *Acipenser acutirostris* Ayres 1854. •Synonym of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833 -- (Kottelat 1997:30 [ref. [22952](#)]). **Current status:** Synonym of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833. Acipenseridae.

brevirostris*, *Acipenser Heckel [J. J.] in Fitzinger & Heckel 1836:298 [Annalen des Wiener Museums der Naturgeschichte v. 1 (no. 12); ref. [2077](#)] Name only, not available. •In the synonymy of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833 -- (Kottelat 1997:30 [ref. [22952](#)]). **Current status:** Synonym of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833. Acipenseridae.

colchica*, *Acipenser gueldenstaedtii var. Marti [V. J.] 1940:869 [Zoologicheskii Zhurnal v. 19 (no. 6); ref. [17607](#)] Southeastern part of Black Sea near mouth of Rioni and Inguri rivers, Georgia, Eurasia. Syntypes: (many). •Synonym of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833, but a valid subspecies -- (Berg 1948:84 [ref. [12882](#)], Svetovidov 1973:82 [ref. [7169](#)], Lelek 1987:25 [ref. [22962](#)], Ninua & Japoshvili 2008:164 [ref. [31251](#)]). •Synonym of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833 -- (Kottelat 1997:30 [ref. [22952](#)]), see also Sokolov 1998:21 [ref. [23571](#)]). •Synonym of *Acipenser persicus* Borodin 1897, but a valid subspecies -- (Reshetnikov et al. 1997:725 [ref. [24702](#)]). •Synonym of *Acipenser persicus* Borodin 1897 -- (Bogutskaya & Naseka 2004:24 [ref. [28183](#)]). •Valid as *Acipenser colchicus* Marti 1940 -- (Kottelat & Freyhof 2007:50 [ref. [29996](#)]). **Current status:** Valid as *Acipenser colchicus* Marti 1940. Acipenseridae. Distribution: Southeastern Black Sea basin and lower Danube River. Habitat: freshwater.

golis*, *Acipenser gueldenstaedtii var. Antipa [G.] 1909:261 [Publicatiunile fondului Vasilie Adamachi, Academia romana [Fauna ichtiologica a romaniei, de dr. Gr. Antipa]. v. 3 (no. 16); ref. [15922](#)] Original not seen; from sea south of Portita, Rumania. Treated by Kottelat 1997 as infrasubspecific. •In the synonymy of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833 -- (Kottelat 1997:30 [ref. [22952](#)]). **Current status:** Synonym of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833. Acipenseridae.

gueldenstaedtii*, *Acipenser Brandt [J. F.] & Ratzeburg [J. T. C.] 1833:13, Pl. 3 (figs. 2, 2A-E) [Medizinische Zoologie, oder getreue Darstellung und Beschreibung der Thiere, die in der Arzneimittellehre in Betracht kommen, in systematischer Folge herausgegeben. v. 2; ref. [619](#)] Caspian Sea and tributaries; Black Sea. No types known. Originally as *güldenstädtii*. •Valid as *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833 -- (Berg 1948:78 [ref. [12882](#)], Svetovidov 1973:82 [ref. [7169](#)]),

Svetovidov in Whitehead et al. 1984:221 [ref. [13675](#)] as *gueldenstaedti*, Lelek 1987:46 [ref. [22962](#)], Coad 1995:6 [ref. [23608](#)] as *gueldenstaedti*, Artyukhin 1995:7 [ref. [23782](#)], Sokolov & Tsepkin 1996:18 [ref. [24640](#)] as *gueldenstaedti*, Bemis et al. 1997:37 [ref. [22871](#)], Kottelat 1997:30 [ref. [22952](#)], Reshetnikov et al. 1997:725 [ref. [24702](#)], Birstein & Bemis 1997:158 [ref. [29760](#)] with Brandt as author, Sokolov 1998:20 [ref. [23571](#)], Coad 1998:102 [ref. [23869](#)], Pourkazemi et al. 2000:1 [ref. [25536](#)], Bogutskaya et al. 2001:42 [ref. [26178](#)], Bilecenoglu et al. 2002:28 [ref. [26753](#)], Hanel 2003:46 [ref. [27894](#)], Bogutskaya & Naseka 2004:23 [ref. [28183](#)], Vassilev & Pehlivanov 2005:162 [ref. [28369](#)] as *gueldenstaedti* with Brandt as author, Kottelat & Freyhof 2007:51 [ref. [29996](#)], Vasil'eva 2007:37 [ref. [30517](#)], Ninua & Japoshvili 2008:164 [ref. [31251](#)], Ruban et al. 2011:470 [ref. [31229](#)], Hilton et al. 2011:136 [ref. [31407](#)]). **Current status:** Valid as *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833. Acipenseridae. Distribution: Eastern Atlantic, Europe and Middle East: Basins of Black, Azov and Caspian seas and Sea of Marmara and adjacent watersheds. Habitat: freshwater, brackish, marine.

kurensis, Acipenser gueldenstaedti persicus natio Belyaev [V. N.] 1932 [ref. [23609](#)] Not available, infrasubspecific; from Kura River. •In the synonymy of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833 -- (Coad 1995:6 [ref. [23608](#)]). **Current status:** Synonym of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833. Acipenseridae.

longirostris, Acipenser gueldenstaedtii var. Antipa [G.] 1909:262 [Publicatiunile fondului Vasilie Adamachi, Academia romana [Fauna ichtiologica a romaniei, de dr. Gr. Antipa]. v. 3 (no. 16); ref. [15922](#)] Danube River; Black Sea. Original not seen. Treated by Kottelat as infrasubspecific. •In the synonymy of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833 -- (Kottelat 1997:30 [ref. [22952](#)])). **Current status:** Synonym of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833. Acipenseridae.

macrophthalmus, Acipenser Heckel [J. J.] in Fitzinger & Heckel 1836:298 [Annalen des Wiener Museums der Naturgeschichte v. 1 (no. 12); ref. [2077](#)] Not available, name only; also later as name in synonymy. •In the synonymy of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833 -- (Kottelat 1997:30 [ref. [22952](#)])). **Current status:** Synonym of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833. Acipenseridae.

medius, Acipenser Heckel [J. J.] in Fitzinger & Heckel 1836:293 [Annalen des Wiener Museums der Naturgeschichte v. 1 (no. 12); ref. [2077](#)] Name in the synonymy of *Acipenser schypa*, not available; also appeared in later literature. •Questionably in the synonymy of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833 -- (Kottelat 1997:30 [ref. [22952](#)])). **Current status:** Synonym of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833. Acipenseridae.

pygmaeus, Acipenser Reisinger [J.] 1830:93 [Specimen ichthyologiae sistens pisces aquarium dulcium Hungariae.; ref. [18620](#)] Objectively invalid; preoccupied by *Acipenser pygmaeus* Pallas 1814. •Synonym of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833 -- (Kottelat 1997:30 [ref. [22952](#)])). **Current status:** Synonym of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833. Acipenseridae. Habitat: freshwater, brackish, marine.

scoabar, Acipenser gueldenstaedtii var. Antipa [G.] 1909:260 [Publicatiunile fondului Vasilie Adamachi, Academia romana [Fauna ichtiologica a romaniei, de dr. Gr. Antipa]. v. 3 (no. 16); ref. [15922](#)] Original not seen. Original genus misspelled *Acipense*. Treated by Kottelat 1997 as infrasubspecific and not available; from Danube River. •In the synonymy of *Acipenser gueldenstaedtii* Brandt & Ratzeburg

1833 -- (Kottelat 1997:30 [ref. 22952] as *scohar*). **Current status:** Synonym of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833. Acipenseridae.

tanaica, Acipenser gueldenstadti var. Marti [V. J.] 1940:863 [Zoologicheskii Zhurnal v. 19 (no. 6); ref. 17607] Taganrog Bay, Sea of Azov, Russia. Syntypes: (many). Bogutskaya & Naseka 2004:23 [ref. 28183] date *tanaica* to Movchan 1927 as a natio (needs research). •Synonym of *Acipenser gueldenstaedti* Brandt & Ratzeburg 1833, subspecies *cochicus* Marti 1940 -- (Berg 1948:84 [ref. 12882], Svetovidov 1973:83 [ref. 7169]). •Synonym of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833 -- (Kottelat 1997:30 [ref. 22952], Bogutskaya & Naseka 2004:23 [ref. 28183]). **Current status:** Synonym of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833. Acipenseridae. Habitat: freshwater, brackish, marine.

tuecka, Acipenser Heckel [J. J.] in Fitzinger & Heckel 1836:293 [Annalen des Wiener Museums der Naturgeschichte v. 1 (no. 12); ref. 2077] Originally as *tücka*. Name in the synonymy of *Acipenser schypa*, not available. Also occurred in later literature as name only. •Questionably in the synonymy of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833 -- (Kottelat 1997:30 [ref. 22952]). **Current status:** Synonym of *Acipenser gueldenstaedtii* Brandt & Ratzeburg 1833. Acipenseridae.

***Acipenser medirostris* Ayres, 1854**

acutirostris, Acipenser Ayres [W. O.] 1854:2 [The Pacific [newspaper] v. 3 and 4 (thru no. 6); ref. 157] San Francisco, California, U.S.A. No types known. Appeared first as above on 1 Dec.; then in Ayres 1854:15 [ref. 18923]. •Valid as *Acipenser acutirostris* Ayres 1854 -- (Okada 1961:282 [ref. 6363]). •Synonym of *Acipenser medirostris* Ayres 1854 -- (Mecklenburg et al. 2002:114 [ref. 25968]). **Current status:** Synonym of *Acipenser medirostris* Ayres 1854. Acipenseridae. Habitat: freshwater, brackish, marine.

agassizii, Acipenser (Antaceus) Duméril [A. H. A.] 1867:181, Pl. 11 (figs. 2, 2a-b) [Nouvelles Archives du Muséum d'Histoire Naturelle, Paris v. 3; ref. 14072] San Francisco, California, U.S.A. Holotype (unique): MCZ (whereabouts unknown). Also appeared in Duméril 1870:237, Pl. 18 (figs. 3, 3a-b) [ref. 1147]. •Synonym of *Acipenser acutirostris* Ayres 1854 -- (Okada 1961:282 [ref. 6363]). •Synonym of *Acipenser medirostris* Ayres 1854 -- (authors). **Current status:** Synonym of *Acipenser medirostris* Ayres 1854. Acipenseridae. Habitat: freshwater, brackish, marine.

alexandri, Acipenser (Antaceus) Duméril [A. H. A.] 1867:183, Pl. 15 (figs. 1, 1a-b) [Nouvelles Archives du Muséum d'Histoire Naturelle, Paris v. 3; ref. 14072] San Francisco, California, U.S.A. Holotype (unique): MCZ (whereabouts unknown). Also appeared in Duméril 1870:239, Pl. 15 (figs. 1, 1a-b) [ref. 1147]. •Synonym of *Acipenser acutirostris* Ayres 1854 -- (Okada 1961:282 [ref. 6363]). •Synonym of *Acipenser medirostris* Ayres 1854. **Current status:** Synonym of *Acipenser medirostris* Ayres 1854. Acipenseridae. Habitat: freshwater, brackish, marine.

medirostris, Acipenser Ayres [W. O.] 1854:2 [The Pacific [newspaper] v. 3 and 4 (thru no. 6); ref. 157] Near San Francisco, California, U.S.A. No types known. Appeared first as above on 1 Dec.; then in Ayres 1854:16 [ref. 18923]. •Synonym of *Acipenser acutirostris* Ayres 1854 -- (Okada 1961:282 [ref. 6363]). •Valid as

Acipenser medirostris Ayres 1854 -- (Berg 1948:95 [ref. 12882], Lee et al. 1980:40 [ref. 22416], Eschmeyer & Herald 1983:61 [ref. 9277], Nakaya in Masuda et al. 1984:18 [ref. 6441], Kawanabe & Mizuno 1989:42 [ref. 25598], McAllister 1990:42 [ref. 14674], Page & Burr 1991:26 [ref. 18983], Artyukhin 1995:7 [ref. 23782], Bemis et al. 1997:37 [ref. 22871], Kim 1997:142 [ref. 24032], Nikiforov et al. 1997:330 [ref. 24694], Reshetnikov et al. 1997:725 [ref. 24702], Birstein & Bemis 1997:159 [ref. 29760], Sokolov 1998:20 [ref. 23571], Scott & Crossman 1998:90 [ref. 24570], Sokolovskaya et al. 1998:7 [ref. 24670], Musick et al. 2000:10 [ref. 24959], Nakabo 2000:187 [ref. 25086], Zemnukhov et al. 2001:420 [ref. 25412], Sheiko & Fedorov 2000:16 [ref. 25650], Pietsch et al. 2001:138 [ref. 25688], Bogutskaya et al. 2001:42 [ref. 26178], Kim & Park 2002:40 [ref. 25913], Mecklenburg et al. 2002:114 [ref. 25968], Nakabo 2002:187 [ref. 26001], Youn 2002:136, 487 [ref. 26218], Moyle 2002:109 [ref. 26449], Wydoski & Whitney 2003:39 [ref. 27816], Nelson et al. 2004:58 [ref. 27807], Bogutskaya & Naseka 2004:23 [ref. 28183], Scharpf 2005:7 [ref. 28940], McPhail 2007:24 [ref. 31199], Page & Burr 2011:135 [ref. 31215], Hilton et al. 2011:136 [ref. 31407]). **Current status:** Valid as *Acipenser medirostris* Ayres 1854. Acipenseridae. Distribution: North Pacific: Japan to Alaska to Baja California. Habitat: freshwater, brackish, marine.

mikadoi*, *Acipenser Hilgendorf [F. M.] 1892:98 [Sitzungsberichte der Gesellschaft Naturforschender Freunde zu Berlin 1892; ref. 14511] Tokyo market, Japan. No types known. •Synonym of *Acipenser acutirostris* Ayres 1854 -- (Okada 1961:282 [ref. 6363]). •Sometimes considered a subspecies of *Acipenser medirostris* Ayres 1854 -- (Reshetnikov et al. 1997:725 [ref. 24702]). •Synonym of *Acipenser medirostris* Ayres 1854 -- (Kim 1997:539 [ref. 24032], Bogutskaya et al. 2001:42 [ref. 26178], Bogutskaya & Naseka 2004:24 [ref. 28183]). •Valid as *Acipenser mikadoi* Hilgendorf 1892 -- (Birstein & Bemis 1997:159 [ref. 29760], Mecklenburg et al. 2002:114 [ref. 25968], Bogutskaya et al. 2008:313 [ref. 30085], Hilton et al. 2011:136 [ref. 31407]). **Current status:** Valid as *Acipenser mikadoi* Hilgendorf 1892. Acipenseridae. Distribution: Asian coast of northern Pacific Ocean, southern Okhotsk Sea and Japan to Korea. Habitat: freshwater, brackish, marine.

oligopeltis*, *Acipenser (Antaceus) Duméril [A. H. A.] 1867:184, Pl. 15 (figs. 2, 2a-b) [Nouvelles Archives du Muséum d'Histoire Naturelle, Paris v. 3; ref. 14072] San Francisco, California, U.S.A. Holotype (unique): MCZ (whereabouts unknown). Also appeared in Duméril 1870:241 [ref. 1147]. •Synonym of *Acipenser acutirostris* Ayres 1854 -- (Okada 1961:282 [ref. 6363]). •Synonym of *Acipenser medirostris* Ayres 1854. **Current status:** Synonym of *Acipenser medirostris* Ayres 1854. Acipenseridae. Habitat: freshwater, brackish, marine.

***Acipenser mikadoi* Hilgendorf, 1892**

mikadoi*, *Acipenser Hilgendorf [F. M.] 1892:98 [Sitzungsberichte der Gesellschaft Naturforschender Freunde zu Berlin 1892; ref. 14511] Tokyo market, Japan. No types known. •Synonym of *Acipenser acutirostris* Ayres 1854 -- (Okada 1961:282 [ref. 6363]). •Sometimes considered a subspecies of *Acipenser medirostris* Ayres 1854 -- (Reshetnikov et al. 1997:725 [ref. 24702]). •Synonym of *Acipenser medirostris* Ayres 1854 -- (Kim 1997:539 [ref. 24032], Bogutskaya et al. 2001:42 [ref. 26178], Bogutskaya & Naseka 2004:24 [ref. 28183]). •Valid as *Acipenser mikadoi* Hilgendorf 1892 -- (Birstein & Bemis 1997:159 [ref. 29760], Mecklenburg et al. 2002:114 [ref. 25968], Bogutskaya et al. 2008:313 [ref. 30085], Hilton et al. 2011:136 [ref. 31407]). **Current status:** Valid as *Acipenser mikadoi* Hilgendorf

1892. Acipenseridae. Distribution: Asian coast of northern Pacific Ocean, southern Okhotsk Sea and Japan to Korea. Habitat: freshwater, brackish, marine.

***Acipenser naccarii* Bonaparte, 1836**

heckelii*, *Acipenser Fitzinger [L. J. F. J.] in Fitzinger & Heckel 1836: 303, Pls. 26 (fig. 4), 29 (figs. 11-12) [Annalen des Wiener Museums der Naturgeschichte v. 1 (no. 12); ref. 2077] Adriatic Sea (Mediterranean Sea); rivers Po, Etsch [Adige] and Brenta, Italy. Syntypes: NMW 76784 (1), 92877 (1, dry). Name mentioned first in Brandt & Ratzeburg 1833: 29 [ref. 619], not available. Name declared a nomen oblitum in Kottelat & Freyhof 2009: 76 [ref. 30320] •Synonym of *Acipenser naccarii* Bonaparte 1836 -- (Kottelat 1997: 30 [ref. 22952], Kottelat & Freyhof 2009: 77 [ref. 30320]). **Current status:** Synonym of *Acipenser naccarii* Bonaparte 1836. Acipenseridae. Habitat: freshwater, brackish, marine.

ladanus*, *Acipenser Ninni [A. P.] (ex Chiereghini) 1872: 33 [Rivista critica delle specie dei pesci adriatici descritti nell'opera manoscritta dell'Ab. Stefano Chiereghini di Chioggia.; ref. 17995] Appeared first in Nardo 1847: col. 111 [ref. 17944] as name in synonymy and not available. Probably made available by Ninni 1872: 33 [ref. 17995] where Chiereghini manuscript is quoted and name is treated as valid by Ninni. Authorship is probably Nardo 1847, but not translated by us. •Synonym of *Acipenser naccarii* Bonaparte 1836 -- (Kottelat 1997: 31 [ref. 22952]). **Current status:** Synonym of *Acipenser naccarii* Bonaparte 1836. Acipenseridae. Habitat: freshwater, brackish, marine.

lutescens*, *Accipenser Rafinesque [C. S.] 1820: 246 [Western Revue and Miscellaneous Magazine v. 3 (no. 4); ref. 5088] Old continent. No types known. Also in Rafinesque 1820: 79 [ref. 3592]. Name only, not available. Correct spelling of genus is *Acipenser*. •In the synonymy of *Acipenser naccarii* Bonaparte 1836 -- (Kottelat 1997: 30 [ref. 22952]). **Current status:** Synonym of *Acipenser naccarii* Bonaparte 1836. Acipenseridae.

naccarii*, *Acipenser Bonaparte [C. L.] 1836: fasc. 16-17, punt. 87, Pl. 129 (fig. 2) [Iconografia della fauna italiana per le quattro classi degli animali vertebrati. Tomo III. Pesci.; ref. 4892] Rivers Brenta, Adige, Piave, Livenza, Bacchiglione, Tagliamento; Florence, Italy. Syntypes: ANSP 624 (1), 625 (1) Bonaparte no. 72. Type catalog: Böhlke 1984: 17 [ref. 13621]. Name declared a nomen protectum by Kottelat & Freyhof 2009: 76 [ref. 30320] to establish precedence over *Acipenser heckelii* Bonaparte 1836. •Valid as *Acipenser naccarii* Bonaparte 1836 -- (Svetovidov 1973: 83 [ref. 7169], Svetovidov in Whitehead et al. 1984: 222 [ref. 13675], Lelek 1987: 25 [ref. 22962], Artyukhin 1995: 7 [ref. 23782], Mrakovcic et al. 1995: 183 [ref. 23079], Bemis et al. 1997: 37 [ref. 22871], Kottelat 1997: 30 [ref. 22952], Bogutskaya & Naseka 2004: 24 [ref. 28183], Kottelat & Freyhof 2007: 52 [ref. 29996], Kottelat & Freyhof 2009: 76 [ref. 30320], Hilton et al. 2011: 136 [ref. 31407]). **Current status:** Valid as *Acipenser naccarii* Bonaparte 1836. Acipenseridae. Distribution: Europe and Mediterranean Sea: Adriatic Sea and its tributaries. Habitat: freshwater, brackish, marine.

nardoi*, *Acipenser Heckel [J. J.] 1851: 557, Pl. 24 (fig. 2) [Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Classe v. 6 (pt 2); ref. 18261] Venice, Italy, Adriatic Sea (Mediterranean Sea). Holotype: ?NMW 63076. Non-types: ?NMW 63079 (1). •Synonym of *Acipenser naccarii* Bonaparte 1836 -- (Svetovidov 1973: 83 [ref. 7169], Kottelat 1997: 31 [ref.

22952]). **Current status:** Synonym of *Acipenser naccarii* Bonaparte 1836. Acipenseridae. Habitat: freshwater, brackish, marine.

nasus, Acipenser Heckel [J. J.] 1847:80 [Diario del Nono Congresso degli Scienziati Italiani convocati in Venezia nel settembre MDCCCXLVII 1847; ref. 26437] Venice, Italy, Adriatic Sea (Mediterranean Sea). Holotype (unique): NMW 63093. Also appeared in Heckel 1851:552 [ref. 18261], Pl. 23. •Synonym of *Acipenser naccarii* Bonaparte 1836 -- (Svetovidov 1973:83 [ref. 7169], Kottelat 1997:31 [ref. 22952]). **Current status:** Synonym of *Acipenser naccarii* Bonaparte 1836. Acipenseridae. Habitat: freshwater, brackish, marine.

platycephalus, Acipenser Heckel [J. J.] in Fitzinger & Heckel 1836:304 [Annalen des Wiener Museums der Naturgeschichte v. 1 (no. 12); ref. 2077] Name in the synonymy of *Acipenser heckelii* Fitzinger 1836, not available; also appeared in other literature as name only or name in synonymy. •In the synonymy of *Acipenser naccarii* Bonaparte 1836 -- (Kottelat 1997:30 [ref. 22952]). **Current status:** Synonym of *Acipenser naccarii* Bonaparte 1836. Acipenseridae.

sturionaster, Acipenser Brusina [S.] 1902:52 [Rad Jugoslavenske Akademije znanosti i umjetnosti. Zagrebu. No. 149; ref. 17292] Original not seen. Name in synonymy, not available. •In the synonymy of *Acipenser naccarii* Bonaparte 1836 -- (Kottelat 1997:31 [ref. 22952]). **Current status:** Synonym of *Acipenser naccarii* Bonaparte 1836. Acipenseridae.

sturionellus, Acipenser Nardo [G. D.] 1860:71 [Prospetti sistematici degli animali delle provincie Venete et del mare Adriatico, ...; ref. 18470] Name only, in synonymy; not available. •In the synonymy of *Acipenser naccarii* Bonaparte 1836 -- (Kottelat 1997:31 [ref. 22952]). **Current status:** Synonym of *Acipenser naccarii* Bonaparte 1836. Acipenseridae.

***Acipenser nudiventris* Lovetzky, 1828**

brandtii, Acipenser Günther [A.] 1870:336, 517 [Catalogue of the fishes in the British Museum. v. 8; ref. 1995] Black Sea; Caspian Sea. No types known. Based on *Acipenser schypa* (in part) of Brandt & Ratzeburg. •Based on a hybrid of *Huso huso* x *Acipenser nudiventris* -- (Berg 1948:65 [ref. 12882], Kottelat 1997:183 [ref. 22952]). Acipenseridae.

derjavini, Acipenser nudiventris Borzenko [M. P.] 1950 [Trudy Kaspiiskogo basseinovogo filiala VNIRO Astrachan (Astrakhan) No. 11; ref. 22959] Kura River, Azerbaijan, Caspian Sea Region. Syntypes: (127) KVNIRO uncat. •Synonym of *Acipenser nudiventris* Lovetsky 1828 -- (Coad 1995:7 [ref. 23608], Kottelat 1997:31 [ref. 22952]). **Current status:** Synonym of *Acipenser nudiventris* Lovetsky 1828. Acipenseridae. Habitat: freshwater, brackish, marine.

glaber, Acipenser Fitzinger [L. J. F. J.] in Fitzinger & Heckel 1836:270, Pls. 25 (fig. 3), 28 (figs. 5-6) [Annalen des Wiener Museums der Naturgeschichte v. 1 (no. 12); ref. 2077] Danube River, Austria. Syntypes: ?NMW 91292 (1, dry). Perhaps dates to Fitzinger 1832:340 [ref. 5219]; see Kottelat 1997:31 [ref. 22952]. •Synonym of *Acipenser nudiventris* Lovetsky 1828 -- (Berg 1948:66 [ref. 12882], Svetovidov 1973:83 [ref. 7169], Kottelat 1997:31 [ref. 22952], Sokolov 1998:21 [ref. 23571], Bilecenoglu et al. 2002:29 [ref. 26753]). **Current status:** Synonym

of *Acipenser nudiventris* Lovetsky 1828. Acipenseridae. Habitat: freshwater, brackish, marine.

nudiventris, Acipenser Lovetsky [A.] 1828:78, Pl. 6 (fig. 2) [Novyi Magazin, Estestvennoi Istorii, Fiziki, Khimii i Svedenii i Svedenii Ekologicheskikh, Izdannyi 1. Dviubskim Part 2; ref. 19627] Aral Sea, Russia. No types known. Apparently also appeared in Lovetsky 1830 [ref. 18454]. Original description reproduced in Berg 1905:2, footnote [ref. 15338]. •Valid as *Acipenser nudiventris* Lovetsky 1828 -- (Berg 1948:66 [ref. 12882], Svetovidov 1973:83 [ref. 7169], Coad 1981:8 [ref. 22348], Svetovidov in Whitehead et al. 1984:222 [ref. 13675], Lelek 1987:48 [ref. 22962], Coad 1995:7 [ref. 23608], Artyukhin 1995:7 [ref. 23782], Zhu 1995:6 [ref. 25213], Bemis et al. 1997:37 [ref. 22871], Kottelat 1997:31 [ref. 22952], Reshetnikov et al. 1997:725 [ref. 24702], Birstein & Bemis 1997:158 [ref. 29760], Sokolov 1998:21 [ref. 23571], Coad 1998:102 [ref. 23869], Pourkazemi et al. 2000:1 [ref. 25536], Bogutskaya et al. 2001:42 [ref. 26178], Zhang 2001:37 [ref. 26586] dated 1928 [sic], Bilecenoglu et al. 2002:29 [ref. 26753], Hanel 2003:46 [ref. 27894], Bogutskaya & Naseka 2004:24 [ref. 28183], Vassilev & Pehlivanov 2005:162 [ref. 28369] with date as 1928, Fricke et al. 2007:21 [ref. 29533], Kottelat & Freyhof 2007:53 [ref. 29996], Vasil'eva 2007:38 [ref. 30517], Ninua & Japoshvili 2008:164 [ref. 31251], Hilton et al. 2011:136 [ref. 31407]). **Current status:** Valid as *Acipenser nudiventris* Lovetsky 1828. Acipenseridae. Distribution: Eastern Atlantic, Europe and Middle East: Basins of Black, Azov, Caspian and Aral seas and Sea of Marmara. Habitat: freshwater, brackish, marine.

schypa, Acipenser Gldenstdt [J. A. von] 1772:533 [Novi Commentarii Academiae Scientiarum Imperialis Petropolitanae v. 16 (1771); ref. 5066] Not available, non-binominal, see Kottelat 1997:31 [ref. 22952]. Name made available by Bonnaterre 1788:16 [ref. 4940]. •In the synonymy of *Acipenser nudiventris* Lovetsky 1828 -- (Kottelat 1997:31 [ref. 22952]). **Current status:** Synonym of *Acipenser nudiventris* Lovetsky 1828. Acipenseridae.

schypa, Acipenser Bonnaterre [J. P.] (ex Gldenstdt) 1788:16 [Tableau encyclopdique et mthodique des trois rgnes de la nature... Ichthyologie.; ref. 4940] 'La mer du Nord' (erroneous, is probably Caspian Sea). Neotype: NRM 8946. Neotype designated (NRM 8946) by Kottelat 1997:34 [ref. 22952] in invalid, as the neotype is a specimen of *Huso huso* (Linnaeus 1758), but Bonnaterre's *Acipenser schypa* was exclusively based on *Acipenser schypa* Gldenstdt 1772:516 [ref. 5066], , which is in the synonymy of *Acipenser nudiventris* Lovetsky 1828 according to Kottelat 1997:31 [ref. 22952]; therefore ICZN Art. 75.3.5 is not met. Name not considered as valid after 1899; therefore reversal of priority in favor of *Acipenser nudiventris* Lovetsky 1828 is followed (Art. 23.9). Objectively invalid; preoccupied by *Acipenser schypa* Gmelin 1789. •Synonym of *Huso huso* (Linnaeus 1758) -- (Kottelat 1997:34 [ref. 22952]). •In the synonymy of *Acipenser nudiventris* Lovetsky 1828. **Current status:** Synonym of *Acipenser nudiventris* Lovetsky 1828. Acipenseridae. Habitat: freshwater, brackish, marine.

schypa, Acipenser Eichwald [C. E. von] 1831:66 [Zoologia specialis quam expositis animalibus tum vivis, tum fossilibus potissimum Rossiae, in universam, et Poloniae in specie, ... Pars posterior [3]; ref. 5562] Caspian Sea, unde Volga adscendit et Cyrum. Credited to "L." [Linnaeus] but this species not described by Linnaeus; if regarded as available then it is subjectively invalid -- preoccupied by *Acipenser schypa* Gldenstdt 1772. •Synonym of *Acipenser nudiventris* Lovetsky 1828 -- (Svetovidov 1973:83 [ref. 7169], Coad 1995:7 [ref. 23608] as *schypa*). **Current status:** Synonym of *Acipenser nudiventris* Lovetsky 1828. Acipenseridae. Habitat: freshwater, brackish, marine.

turritus, Acipenser Fitzinger [L. J. F. J.] & Heckel [J. J.] 1836:270 [Annalen des Wiener Museums der Naturgeschichte v. 1 (no. 12); ref. 2077] Museum label name

in the synonymy of *Acipenser glaber*, not available. Also appeared in Brusina 1902:61 [ref. 17292] as name in synonymy. •In the synonymy of *Acipenser nudiventris* Lovetsky 1828 -- (Kottelat 1997:31 [ref. 22952]). **Current status:** Synonym of *Acipenser nudiventris* Lovetsky 1828. Acipenseridae.

***Acipenser oxyrinchus* Michell, 1815**

accipenser, Sturio Strøm [H.] 1784:129 [Physisk-oeconomisk beskrivelse over Eger-praestgiaeld i Aggerhuus-stift i Norge; tilligemed et geographisk Kort over samme; ref. 22961] Boskerud District, southwest of Oslo, Norway. No types known. Declared a nomen protectum under Art. 23.9.1.2 by Kottelat & Freyhof 2009:79 [ref. 30320] in favor of *Acipenser oxyrinchus* Mitchill 1815. •Synonym of *Acipenser sturio* Linnaeus 1758 -- (Kottelat 1997:33 [ref. 22952]). •In the synonymy of *Acipenser oxyrinchus* Mitchill 1815. **Current status:** Synonym of *Acipenser oxyrinchus* Mitchill 1815. Acipenseridae. Habitat: freshwater, brackish, marine.

bairdii, Acipenser (Huso) Duméril [A. H. A.] 1870:145 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Havre de Grace, Maryland, U.S.A. Holotype (unique): MCZ (whereabouts unknown). •Synonym of *Acipenser oxyrinchus* Mitchill 1815. **Current status:** Synonym of *Acipenser oxyrinchus* Mitchill 1815. Acipenseridae. Habitat: freshwater, brackish, marine.

desotoi, Acipenser oxyrhynchus Vladykov [V. D.] 1955:755, Pls. 1, 3, 5, 7 [Journal of the Fisheries Research Board of Canada v. 12 (no. 5); ref. 12536] Off Gautier, mouth of Singing River, between Twin Island and Rabbit Island, Jackson County, Mississippi, U.S.A. Holotype: FMNH 59803. Paratypes: FMNH 59804 (1). Type catalog: Ibarra & Stewart 1987:5 [ref. 12367]. Species originally spelled as *de sotoi*, change mandatory. •Synonym of *Acipenser oxyrinchus* Mitchill 1815, but a valid subspecies as described -- (Lee et al. 1980:41 [ref. 22416], Ong et al. 1996:464 [ref. 23959], Mettee et al. 1996:79 [ref. 25836], McEachran & Fechhelm 1998:198 [ref. 23897], Scott & Crossman 1998:93 [ref. 24570], Musick et al. 2000:10 [ref. 24959], Ross et al. 2001:76 [ref. 25978]). •Synonym of *Acipenser oxyrinchus* Mitchill 1815, but a valid subspecies -- (Birstein & Bemis 1997:159 [ref. 29760], Boschung & Mayden 2004:105 [ref. 27995], Scharpf 2005:7 [ref. 28940], Page & Burr 2011:137, II, I. [ref. 31215]). **Current status:** Synonym of *Acipenser oxyrinchus* Mitchill 1815. Acipenseridae. Distribution: Southeastern U.S.A.: Gulf of Mexico [this subspecies]. Habitat: freshwater, brackish, marine.

girardi, Acipenser (Huso) Duméril [A. H. A.] 1870:132 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Havre de Grace, Maryland, U.S.A. Holotype (unique): MCZ 100689 [tracking number] not found. •Synonym of *Acipenser oxyrinchus* Mitchill 1815. **Current status:** Synonym of *Acipenser oxyrinchus* Mitchill 1815. Acipenseridae. Habitat: freshwater, brackish, marine.

hallowellii, Acipenser (Antaceus) Duméril [A. H. A.] 1867:172 [Nouvelles Archives du Muséum d'Histoire Naturelle, Paris v. 3; ref. 14072] Locality unknown [= eastern U.S.A.] Holotype (unique): MNHN (dry). Type catalog: Bertin 1940:249 [ref. 293]. Also appeared in Duméril 1870:228 [ref. 1147]. •Synonym of *Acipenser oxyrinchus* Mitchill 1815. **Current status:** Synonym of *Acipenser oxyrinchus* Mitchill 1815. Acipenseridae. Habitat: freshwater, brackish, marine.

holbrookii, Acipenser (Huso) Duméril [A. H. A.] 1870:149 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Charleston, South Carolina,

U.S.A. Holotype (unique): MCZ 8952. •Synonym of *Acipenser oxyrinchus* Mitchill 1815. **Current status:** Synonym of *Acipenser oxyrinchus* Mitchill 1815. Acipenseridae.

kennicottii, *Acipenser (Huso)* Duméril [A. H. A.] 1870:130, Pl. 15 (figs. 3, 3a, 3b) [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] James River, Virginia, U.S.A. Holotype (unique): MCZ 8944. •Synonym of *Acipenser oxyrinchus* Mitchill 1815. **Current status:** Synonym of *Acipenser oxyrinchus* Mitchill 1815. Acipenseridae. Habitat: freshwater, brackish, marine.

lecontei, *Acipenser (Antaceus)* Duméril [A. H. A.] 1867:177, Pl. 16 (figs. 1, 1a, 2) [Nouvelles Archives du Muséum d'Histoire Naturelle, Paris v. 3; ref. 14072] Bay of New York, U.S.A. Syntypes: (2) MNHN 0000-3110 (1, dry). Type catalog: Bertin 1940:249 [ref. 293] with MNHN 3110 as figured holotype. Also appeared in Duméril 1870:232 [ref. 1147]. •Synonym of *Acipenser oxyrinchus* Mitchill 1815 -- (Smith 1986:48 [ref. 22186] as *lecontii* and *oxyrhynchus*). •Synonym of *Acipenser sturio* Linnaeus 1758 -- (authors). **Current status:** Synonym of *Acipenser oxyrinchus* Mitchill 1815. Acipenseridae. Habitat: freshwater, brackish, marine.

lichtensteinii, *Acipenser* Bloch [M. E.] & Schneider [J. G.] 1801:348, Pl. 69 [M. E. Blochii, Systema Ichthyologiae.; ref. 471] North Sea. Holotype (unique): ZMB 4412. Type catalog: Paepke 1999:42 [ref. 24282]. Declared a nomen protectum under Art. 23.9.1.2 by Kottelat & Freyhof 2009:79 [ref. 30320] in favor of *Acipenser oxyrinchus* Mitchill 1815. •Synonym of *Acipenser sturio* Linnaeus 1758 -- (Kottelat 1997:33 [ref. 22952]). •In the synonymy of *Acipenser oxyrinchus* Mitchill 1815 -- (Kottelat & Freyhof 2009:79 [ref. 30320]). **Current status:** Synonym of *Acipenser oxyrinchus* Mitchill 1815. Acipenseridae. Habitat: freshwater, brackish, marine.

macrorhinus, *Acipenser (Huso)* Duméril [A. H. A.] 1870:133 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] New York, U.S.A. Holotype (unique): MNHN 0000-9114. Type catalog: Bertin 1940:251 [ref. 293]. •Synonym of *Acipenser oxyrinchus* Mitchill 1815 -- (Smith 1986:49 [ref. 22186] as *oxyrhynchus*). **Current status:** Synonym of *Acipenser oxyrinchus* Mitchill 1815. Acipenseridae. Habitat: freshwater, brackish, marine.

major, *Acipenser ruthenus* Schöpfung [J. D.] 1788:186 [Schriften der Berlinischen Gesellschaft Naturforschender Freunde v. 8; ref. 18700] Hudson River, New York, U.S.A. No types known. Genus should have been *Acipenaser*. Not used as valid after 1899; therefore reversal of priority in favor of *Acipenser oxyrinchus oxyrinchus* Mitchill 1815. •In the synonymy of *Acipenser oxyrinchus oxyrinchus* Mitchill 1815. **Current status:** Synonym of *Acipenser oxyrinchus* Mitchill 1815. Acipenseridae. Habitat: freshwater, brackish, marine.

milberti, *Acipenser (Huso)* Duméril [A. H. A.] 1870:137 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] New York, U.S.A. Syntypes: MNHN 0000-3113 (1, mounted), 0000-3494 (1, mounted). Type catalog: Bertin 1940:251 [ref. 293]. •Synonym of *Acipenser oxyrinchus* Mitchill 1815 -- (Smith 1986:49 [ref. 22186] as *oxyrhynchus*). •Synonym of *Acipenser sturio* Linnaeus 1758 -- (authors). **Current status:** Synonym of *Acipenser sturio* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish, marine.

mitchillii, *Acipenser (Huso)* Duméril [A. H. A.] 1870:116 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] New York, U.S.A. Holotype (unique): MNHN 0000-4578. Type catalog: Bertin 1940:250 [ref. 293]. •Synonym of *Acipenser oxyrinchus* Mitchill 1815 -- (Smith 1986:48 [ref. 22186] as *oxyrhynchus*). •Synonym of *Acipenser sturio* Linnaeus 1758 -- (authors). **Current**

status: Synonym of *Acipenser oxyrinchus* Mitchill 1815. Acipenseridae. Habitat: freshwater, brackish, marine.

oxyrinchus, Acipenser Mitchill [S. L.] 1815:462 [Transactions of the Literary and Philosophical Society of New York v. 1; ref. 13292] New York, U.S.A. No types known. Commonly misspelled; *oxyrinchus* is the correct spelling. Declared a nomen protectum by Kottelat & Freyhof 2009:75 [ref. 30320] on Art. 23.9.1 for reversal of precedence over *Stureo accipenser* Strøm 1784 and *Acipenser lichtensteinii* Bloch & Schneider 1801. •Valid as *Acipenser oxyrinchus* Mitchill 1815 [often misspelled *oxyrhynchus*] -- (Lee et al. 1980:41 [ref. 22416], Smith 1986:47 [ref. 22186], Robins & Ray 1986:44 [ref. 23100], Scott & Scott 1988:68 [ref. 25518], McAllister 1990:42 [ref. 14674], Burkhead & Jenkins 1991:344 [ref. 21804], Page & Burr 1991:27 [ref. 18983], Boschung 1992:28 [ref. 23239], Musick et al. in Jenkins & Burkhead 1994:187 [ref. 21581], Knight & Hastings 1994:149 [ref. 25560], Artyukhin 1995:7 [ref. 23782], Ong et al. 1996:464 [ref. 23959], Chereshev 1996:599 [ref. 24659], Bemis et al. 1997:37 [ref. 22871], Murdy et al. 1997:53 [ref. 23144], Birstein & Bemis 1997:159 [ref. 29760], McEachran & Feckhelm 1998:198 [ref. 23897], Scott & Crossman 1998:92 [ref. 24570], Smith-Vaniz et al. 1999:125 [ref. 25013], Musick et al. 2000:10 [ref. 24959], Scott 2003:671 [ref. 26987], Nelson et al. 2004:58 [ref. 27807], Fricke 2007:25 [ref. 30577], Kottelat & Freyhof 2007:53 [ref. 29996]). •Valid as *Acipenser oxyrinchus* Mitchell 1815, subspecies *oxyrinchus* Mitchell 1815 -- (Ross et al. 2001:76 [ref. 25978], Musick in Collette & Klein-MacPhee 2002:85 [ref. 26158], Boschung & Mayden 2004:105 [ref. 27995], Scharpf 2005:7 [ref. 28940], Miller 2006:81 [ref. 28615], Kottelat & Freyhof 2009:78 [ref. 30320], Mecklenburg et al. 2011:117 [ref. 31212], Page & Burr 2011:137 [ref. 31215] with 2 subspecies, Hilton et al. 2011:136 [ref. 31407]).
Current status: Valid as *Acipenser oxyrinchus* Mitchill 1815. Acipenseridae. Distribution: Baltic Sea basin and North America. North Atlantic to southeastern South America [subspecies *oxyrinchus*]. Eastern Gulf of Mexico [subspecies *desotoi*]. Habitat: freshwater, brackish, marine.

storeri, Acipenser (Huso) Duméril [A. H. A.] 1870:147 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Boston, Massachusetts, U.S.A. Holotype (unique): MCZ 8931. •Synonym of *Acipenser oxyrinchus* Mitchill 1815.
Current status: Synonym of *Acipenser oxyrinchus* Mitchill 1815. Acipenseridae.

sturio, Acipenser Linnaeus [C.] 1758:237 [Systema Naturae, Ed. X. v. 1; ref. 2787] Charente River at Saintes, France. Neotype: MNHN 1962-1295. Paralectotypes: BMNH 1853.11.12.210 (1); NRM 94 (1), 21711 (1). Type catalog: Fernholm & Wheeler 1983:209 [ref. 20707]. Lectotype designated by Kottelat & Freyhof 2009:77 [ref. 30320] as the specimen illustrated in Rondelet 1555:410; since that specimen is not in existence, Kottelat & Freyhof 2009:77 [ref. 30320] then designate MNHN 1962-1295 as the neotype to maintain *sturio* as the species of western and southern European species. They mistakenly referred to the neotype as the holotype on p. 77. •Synonym of *Acipenser oxyrinchus* Mitchell 1815, subspecies *oxyrinchus* Mitchell 1815 -- (Ross et al. 2001:76 [ref. 25978]). •Valid as *Acipenser sturio* Linnaeus 1758 -- (Berg 1948:93 [ref. 12882], Svetovidov 1973:82 [ref. 7169], Svetovidov in Whitehead et al. 1984:224 [ref. 13675], Lelek 1987:42 [ref. 22962], Lepage & Rochard 1995:28 [ref. 22130], Artyukhin 1995:7 [ref. 23782], Mrakovcic et al. 1995:183 [ref. 23079], Chereshev 1996:599 [ref. 24659], Bemis et al. 1997:37 [ref. 22871], Kottelat 1997:33 [ref. 22952], Reshetnikov et al. 1997:726 [ref. 24702], Birstein & Bemis 1997:160 [ref. 29760], Sokolov 1998:22 [ref. 23571], Gröger & Debus 2000:175 [ref. 24937], Bogutskaya et al. 2001:42 [ref. 26178], Bilecenoglu et al. 2002:29 [ref. 26753], Hanel 2003:46 [ref. 27894], Bogutskaya & Naseka 2004:25 [ref. 28183], Vassilev & Pehlivanov 2005:162 [ref. 28369], Hanel & Lusk 2005:179 [ref. 28804], Fricke 2007:25 [ref. 30577], Fricke et al. 2007:22 [ref. 29533], Kottelat & Freyhof 2007:57 [ref. 29996], Vasil'eva 2007:39 [ref. 30517], Ninua & Japoshvili 2008:164 [ref. 31251],

Kottelat & Freyhof 2009:77 [ref. [30320](#)], Mecklenburg et al. 2011:117 [ref. [31212](#)], Hilton et al. 2011:136 [ref. [31407](#)]). **Current status:** Valid as *Acipenser sturio* Linnaeus 1758. Acipenseridae. Distribution: Eastern Atlantic, Europe, Middle East: Western and southern Europe (including western Baltic Sea, White Sea, North Sea, Mediterranean Sea, Black Sea, Sea of Marmara and adjacent watersheds). Habitat: freshwater, brackish, marine.

***Acipenser persicus* Borodin, 1897**

persicus*, *Acipenser Borodin [N. A.] 1897:18, Figs. [Vestnik Rybopromyshlennosti v. 12; ref. [19955](#)] Ural River to Ural'sk, Kazakhstan; Kura River, Azerbaijan; southern shore of Caspian Sea, Iran. Syntypes: (2 measured) none at ZIN. •Synonym of *Acipenser gueldenstaedti* Brandt & Ratzeberg 1833, but a valid subspecies -- (Berg 1948:81 [ref. [12882](#)], Lelek 1987:50 [ref. [22962](#)], see also Sokolov 1998:19 [ref. [23571](#)], Ninua & Japoshvili 2008:164 [ref. [31251](#)]). •Valid as *Acipenser persicus* Borodin 1897 -- (Coad 1995:7 [ref. [23608](#)], Artyukhin 1995:7 [ref. [23782](#)], Bemis et al. 1997:37 [ref. [22871](#)], Reshetnikov et al. 1997:726 [ref. [24702](#)], Birstein & Bemis 1997:158 [ref. [29760](#)], Coad 1998:102 [ref. [23869](#)], Pourkazemi et al. 2000:1 [ref. [25536](#)], Bogutskaya et al. 2001:42 [ref. [26178](#)], Bogutskaya & Naseka 2004:24 [ref. [28183](#)], Fricke et al. 2007:21 [ref. [29533](#)], Kottelat & Freyhof 2007:55 [ref. [29996](#)], Kottelat & Freyhof 2007:55 [ref. [29996](#)], Vasil'eva 2007:38 [ref. [30517](#)], Ruban et al. 2011:470 [ref. [31229](#)], Hilton et al. 2011:136 [ref. [31407](#)]). **Current status:** Valid as *Acipenser persicus* Borodin 1897. Acipenseridae. Distribution: Eastern Atlantic, Europe and Middle east: Caspian Sea and adjacent watersheds; introduced elsewhere. Habitat: freshwater, brackish.

***Acipenser ruthenus* Linnaeus, 1758**

acutirostris*, *Acipenser ruthenus form Roussow [G.] 1955:79 [American Antiquity v. 21; ref. [26406](#)] Not available; infrasubspecific. •Wrongly treated as a subspecies of [in the synonymy of] *Acipenser fulvescens* Rafinesque 1817 -- (Scott & Crossman 1998:89 [ref. [24570](#)]). **Current status:** Synonym of *Acipenser*. Acipenseridae.

alba*, *Acipenser ruthenus var. Antipa [G.] 1909:249, Pl. 31 (fig. 93a) [Publicatiunile fondului Vasilie Adamachi, Academia romana [Fauna ichtiologica a romaniei, de dr. Gr. Antipa]. v. 3 (no. 16); ref. [15922](#)] Romania. No types known. Treated by Kottelat 1997:32 [ref. [22952](#)] as infrasubspecific and unavailable. •In the synonymy of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:32 [ref. [22952](#)]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae.

albinea*, *Acipenser ruthenus var. Brusina [S.] 1902:64 [Rad Jugoslavenske Akademije znanosti i umjetnosti. Zagrebu. No. 149; ref. [17292](#)] Sava at Rugvice; Kupa at Siska, Croatia. No types known. Original not seen. Treated by Kottelat 1997:32 [ref. [22952](#)] as infrasubspecific and unavailable. •In the synonymy of

Acipenser ruthenus Linnaeus 1758 -- (Kottelat 1997:32 [ref. 22952]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae.

aleutensis, Acipenser Fitzinger [L. J. F. J.] in Fitzinger & Heckel 1836:285 [Annalen des Wiener Museums der Naturgeschichte v. 1 (no. 12); ref. 2077] Canaga Island, Aleutian Islands, Alaska, U.S.A. [in error]. No types known. See Mecklenburg et al. 2002:115 [ref 25968] who say not from Alaska and not *transmontanus*. •Questionably a synonym of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:32 [ref. 22952]). •Synonym of *Acipenser transmontanus* Richardson 1836 -- (Scott & Crossman 1998:100 [ref. 24570]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish.

baschmakovae, Acipenser ruthenus ruzskyi natio Johansen [B. G.] 1946:173 [Trudy Tomskogo Gosudarstvennogo Universiteta v. 97; ref. 19607] Infrasubspecific and unavailable; from Naryn, Ob R. basin, Siberia, Russia. •In the synonymy of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:32 [ref. 22952]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae.

birostrata, Acipenser ruthenus var. Brusina [S.] 1902:65 [Rad Jugoslavenske Akademije znanosti i umjetnosti. Zagrebu. No. 149; ref. 17292] Croatia. Original not seen. Treated by Kottelat 1997:32 [ref. 22952] as infrasubspecific and unavailable. •In the synonymy of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:32 [ref. 22952]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae.

brevirostris, Acipenser ruthenus var. Antipa [G.] 1909:250, Pl. 31? (fig. 94) [Publicatiunile fondului Vasilie Adamachi, Academia romana [Fauna ichtiologica a romaniei, de dr. Gr. Antipa]. v. 3 (no. 16); ref. 15922] Objectively invalid if treated as available, preoccupied by *Acipenser brevirostrum* Lesueur 1818. Treated by Kottelat 1997:32 [ref. 22952] as infrasubspecific and unavailable; from Danube R. •In the synonymy of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:32 [ref. 22952]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae.

dubius, Acipenser Heckel [J. J.] in Fitzinger & Heckel 1836:276 [Annalen des Wiener Museums der Naturgeschichte v. 1 (no. 12); ref. 2077] Not available, name only in synonymy of *Acipenser gmelini* Fitzinger 1836. •In the synonymy of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:32 [ref. 22952] based on Brusina 1902). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae.

erytraea, Acipenser ruthenus var. Antipa [G.] 1909:250, Pl. 31 [Publicatiunile fondului Vasilie Adamachi, Academia romana [Fauna ichtiologica a romaniei, de dr. Gr. Antipa]. v. 3 (no. 16); ref. 15922] Treated by Kottelat 1997:32 [ref. 22952] as infrasubspecific and unavailable; from Rumania. •In the synonymy of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:32 [ref. 22952]) **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae.

gmelini, Acipenser Fitzinger [L. J. F. J.] in Fitzinger & Heckel 1836:276, Pls. 25 (fig. 2), 30(figs. 17-18) [Annalen des Wiener Museums der Naturgeschichte v. 1 (no. 12); ref. 2077] Azov Sea or Caspian Sea. Holotype (unique): NMW (not found). •Synonym of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:31 [ref. 22952]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish.

grisescens, Acipenser ruthenus var. Brandt [J. F.] 1853:320, Fig. 2 [Mélanges Biologiques, tirés du Bulletin physico-mathématique de l'Académie Impériale des

Sciences de St. Pétersbourg v. 1; ref. 20902] Nishni-Novgorod, Russia. No types known. Treated by Kottelat 1997:32 [ref. 22952] from Brandt 1851 as infrasubspecific. •Synonym of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:32 [ref. 22952]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish.

helenae, *Acipenser (Sterletus)* Duméril [A. H. A.] (ex Valenciennes) 1870:258 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Russia. Syntypes: MNHN 0000-5176 (2). Type catalog: Bertin 1940:253 [ref. 293]. •Synonym of *Acipenser ruthenus* Linnaeus 1758 -- (authors). •Hybrid between *Acipenser ruthenus* x *Acipenser gueldenstaedti* -- (Kottelat 1997:183 [ref. 22952]). **Current status:** Synonym of *Acipenser*. Acipenseridae. Habitat: freshwater, brackish, marine.

jeniscensis, *Acipenser* Herzenstein [S. M.] 1895:79 [Fishery Leaflets No. 10; ref. 22000] Original not seen; perhaps name only and not available; from Turuchansk Dist. •In the synonymy of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:32 [ref. 22952] as *jenisensis*). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae.

kamensis, *Acipenser* Lovetsky [A.] 1834:262, Pl. 16 (fig. 2) [Nouveaux mémoires de la Société impériale des naturalistes de Moscou v. 3; ref. 18085] Kama River, Russia. No types known. evidently spelled *camensis* on Pl. 16; see Kottelat 1997:31 [ref. 22952]. •Synonym of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:31 [ref. 22952]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish.

kankreni, *Acipenser (Sterletus)* Duméril [A. H. A.] (ex Valenciennes) 1870:256 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Probably Russia. Holotype (unique): MNHN 0000-5173. Type catalog: Bertin 1940:253 [ref. 293]. •Synonym of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:32 [ref. 22952]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish.

koster, *Acipenser* Gmelin [J. F.] 1789:1486 [Caroli a Linné ... Systema Naturae per regna tria naturae, secundum classes, ordines, genera, species; ... v. 1 (pt 3); ref. 18139] Caspian Sea. Appeared first as name only in Gmelin 1774:238 [ref. 18140, v. 3]. •Apparently the same as *Acipenser kostera* Fitzinger 1832. •?Synonym of *Acipenser ruthenus* Linnaeus 1758. **Current status:** Uncertain as *Acipenser ruthenus* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish.

kostera, *Acipenser* Fitzinger [L. J. F. J.] 1832:340 [Beitraege zur Landesk. von Oesterreich v. 1; ref. 5019] Danube River, Vienna, Austria. Neotype: BMNH 1898.4.11.26. Neotype designated by Kottelat 1997:31 [ref. 22952]. •Synonym of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:31 [ref. 22952]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish.

leucotica, *Acipenser ruthenus* var. Brandt [J. F.] 1853:320, Fig. 1 [Mélanges Biologiques, tirés du Bulletin physico-mathématique de l'Académie Impériale des Sciences de St. Pétersbourg v. 1; ref. 20902] Nishnij-Novgorod, Russia. No types known. Treated by Kottelat 1997:32 [ref. 22952] as infrasubspecific from Brandt 1851, available as above. •Questionably a synonym of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:32 [ref. 22952]). **Current status:** Uncertain as *Acipenser ruthenus* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish.

lovetzkyi, *Acipenser (Sterletus)* Duméril [A. H. A.] 1870:254 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Russia. Syntypes: MNHN 0000-5171 (2). Type catalog: Bertin 1940:253 [ref. 293]. •Synonym of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:32 [ref. 22952]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish.

marsiglii, Acipenser Brandt [J. F.] in Brandt & Ratzeburg 1833:352 [Medizinische Zoologie, oder getreue Darstellung und Beschreibung der Thiere, die in der Arzneimittellehre in Betracht kommen, in systematischer Folge herausgegeben. v. 2; ref. 619] Danube River or Ob River Holotype: ?ZIN 11825. Based on *Antaceus glaber* of Marsigli 1726:34, Pl. 10 (fig. 2) [not investigated]. Also spelled *marsilii* by authors. •Synonym of *Acipenser ruthenus* Linnaeus 1758 -- (Berg 1948:76 [ref. 12882], Kottelat 1997:31 [ref. 22952]). •Synonym of *Acipenser ruthenus* Linnaeus 1758, but perhaps a valid subspecies -- (Reshetnikov et al. 1997:726 [ref. 24702], Sokolov 1998:21 [ref. 23571]). •Synonym of *Acipenser ruthenus* Linnaeus 1758, but a valid subspecies -- (Sheiko & Fedorov 2000:16 [ref. 25650]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish.

obtusirostris, Acipenser ruthenus form Roussow [G.] 1955:79 [American Antiquity v. 21; ref. 26406] Not available; infrasubspecific. •Wrongly treated as a subspecies of [in the synonymy of] *Acipenser fulvescens* Rafinesque 1817 -- (Scott & Crossman 1998:89 [ref. 24570]). Acipenseridae.

obtusirostra, Acipenser ruthenus var. Brusina [S.] 1902:66 [Rad Jugoslavenske Akademije znanosti i umjetnosti. Zagrebu. No. 149; ref. 17292] Original not seen. Treated by Kottelat 1997:32 [ref. 22952] as infrasubspecific and unavailable; from Una River, Croatia. •In the synonymy of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:32 [ref. 22952]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae.

primigenius, Acipenser Chalikov [B. G.] 1944:47 [Zoologicheskii Zhurnal v. 23 (no. 1); ref. 13170] Northern Caspian Sea. No types known. •Hybrid of *Acipenser ruthenus* x *Acipenser gueldenstaedti* -- (Berg 1948:77 [ref. 12882], Kottelat 1997:183 [ref. 22952]). **Current status:** Synonym of *Acipenser*. Acipenseridae. Habitat: freshwater, brackish, marine.

pygmaeus, Acipenser Pallas [P. S.] 1814:102 [Zoographia Rosso-Asiatica, sistens omnium animalium ... v. 3; ref. 3351] Major seas and rivers of Europe. No types known. For localities see Kottelat 1997:31 [ref. 22952]. •Synonym of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:31 [ref. 22952], Sokolov 1998:21 [ref. 23571]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish.

ruthenicus, Acipenser Brusina [S.] 1902:63 [Rad Jugoslavenske Akademije znanosti i umjetnosti. Zagrebu. No. 149; ref. 17292] Original not seen. Not available, name in synonymy. •In the synonymy of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:31 [ref. 22952]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae.

ruthenus, Acipenser Linnaeus [C.] 1758:237 [Systema Naturae, Ed. X. v. 1; ref. 2787] ?Danube River Holotype: NRM 96. Based on several sources, see Kottelat 1997:31 [ref. 22952] so 96 should be regarded as a syntype. Apparently *ruthenicus* Brusina 1902:63 is a misspelling. Species name spelled *rhutenus* by Kielsen 1835:iii [ref. 30365]. •Valid as *Acipenser ruthenus* Linnaeus 1758 -- (Berg 1948:70 [ref. 12882], Lelek 1987:51 [ref. 22962], Coad 1995:7 [ref. 23608], Artyukhin 1995:7

[ref. 23782], Zhu 1995:6 [ref. 25213], Sokolov & Tsepkin 1996:23 [ref. 24640], Chereshevnev 1996:599 [ref. 24659], Bemis et al. 1997:37 [ref. 22871], Kottelat 1997:31 [ref. 22952], Reshetnikov et al. 1997:726 [ref. 24702], Birstein & Bemis 1997:158 [ref. 29760], Sokolov 1998:21 [ref. 23571], Bogutskaya et al. 2001:42 [ref. 26178], Zhang 2001:29 [ref. 26586], Hanel 2003:46 [ref. 27894], Bogutskaya & Naseka 2004:24 [ref. 28183], Hanel & Lusk 2005:176 [ref. 28804], Fricke et al. 2007:21 [ref. 29533], Kottelat & Freyhof 2007:55 [ref. 29996], Mecklenburg et al. 2011:117 [ref. 31212], Ruban et al. 2011:471 [ref. 31229], Hilton et al. 2011:136 [ref. 31407]). **Current status:** Valid as *Acipenser ruthenus* Linnaeus 1758. Acipenseridae. Distribution: Arctic rivers; Europe and Middle East: Black Sea, Sea of Azov, White Sea and Caspian Sea watersheds. Habitat: freshwater, brackish.

ruzskyi, *Acipenser ruthenus* Johansen [B. G.] 1946:171 [Trudy Tomskogo Gosudarstvennogo Universiteta v. 97; ref. 19607] Upper Ob River, Siberia, Russia. Syntypes: (21). •Synonym of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:32 [ref. 22952] as *ruzskyi*, Sokolov 1998:21 [ref. 23571] as *ruzskiy*). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish.

septemcarinata, *Acipenser ruthenus* var. Brusina [S.] 1902:66 [Rad Jugoslavenske Akademije znanosti i umjetnosti. Zagrebu. No. 149; ref. 17292] Original not seen. Treated by Kottelat 1997:32 [ref. 22952] as infrasubspecific and unavailable; from Una River, Croatia. •In the synonymy of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:32 [ref. 22952]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae.

sibiricus, *Sterledus ruthenus* var. Dybowski [B. I.] 1874:394 [Verhandlungen der K.-K. zoologisch-botanischen Gesellschaft in Wien v. 24 (no. 3-4); ref. 1172] Middle and lower Angara River, Siberia, Russia. Syntypes: whereabouts unknown. •Synonym of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:32 [ref. 22952]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish.

sterlet, *Acipenser* Brusina [S.] 1902:63 [Rad Jugoslavenske Akademije znanosti i umjetnosti. Zagrebu. No. 149; ref. 17292] Original not seen. Not available, name in synonymy. •In the synonymy of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:31 [ref. 22952]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae.

sterleta, *Acipenser* Gldenstdt [J. A. von] 1772:533 [Novi Commentarii Academiae Scientiarum Imperialis Petropolitanae v. 16 (1771); ref. 5066] Not available, non-binominal. •In the synonymy of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:31 [ref. 22952]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae.

***Acipenser schrenckii* Brandt, 1869**

multiscutatus, *Acipenser* Tanaka [S.] 1908:21, Pl. 2 (fig. 1) [Journal of the College of Science. Imperial University, Tokyo v. 23 (art. 7); ref. 6032] 7 miles off Ukedohama, Iwaki Province, Japan. Holotype: ZUMT 955 (stuffed, lost). Paratypes: ZUMT (2, skins, lost). •Valid as *Acipenser multiscutatus* Tanaka 1908 -- (Okada 1961:280 [ref. 6363], Nakaya in Masuda et al. 1984:18 [ref. 6441]). •Probably a synonym of *Acipenser schrenckii* Brandt 1869 -- (Birstein & Bemis 1997:159 [ref.

29760]). **Current status:** Uncertain as *Acipenser schrenckii* Brandt 1869. Acipenseridae. Distribution: Japan [if valid]. Habitat: freshwater, brackish, marine.

schrenckii, Acipenser Brandt [J. F.] 1869:115 [Mélanges biologiques v. 7; ref. 618] Amur River and its main tributaries, Russia. Syntypes: whereabouts unknown. For remarks on systematics see Kottelat 2006:15 [ref. 28831]. •Valid as *Acipenser schrenckii* [often as *schrencki*] Brandt 1869 -- (Berg 1948:91 [ref. 12882], Nakaya in Masuda et al. 1984:18 [ref. 6441], Artyukhin 1995:7 [ref. 23782], Artyukin 1995:7 [ref. 23782], Zhu 1995:5 [ref. 25213], Bogutskaya & Naseka 1996:11 [ref. 22798], Bemis et al. 1997:37 [ref. 22871], Reshetnikov et al. 1997:726 [ref. 24702], Birstein & Bemis 1997:158 [ref. 29760] as *schrencki*, Sokolov 1998:22 [ref. 23571], Yue & Chen 1998:6 [ref. 26415], Bogutskaya et al. 2001:42 [ref. 26178], Zhang 2001:32 [ref. 26586], Bogutskaya & Naseka 2004:25 [ref. 28183] as *schrenckii*, Kottelat 2006:15 [ref. 28831], Ocock et al. 2006:27 [ref. 28933] as *schrenckii*, Bogutskaya et al. 2008:313 [ref. 30085], Hilton et al. 2011:136 [ref. 31407] as *schrenckii*). **Current status:** Valid as *Acipenser schrenckii* Brandt 1869. Acipenseridae. Distribution: Asia and western North Pacific: Amur River basin, China, Russia and Mongolia. Habitat: freshwater, brackish, marine.

***Acipenser sinensis* Gray, 1834**

kikuchii, Acipenser Jordan [D. S.] & Snyder [J. O.] 1901:302, Pl. 15 (figs. 1-2) [Journal of the College of Science. Imperial University, Tokyo v. 15 (pt 2); ref. 2506] Misaki, Kanagawa Prefecture, Sagami Bay, Japan. Holotype (unique): ZUMT 946 (mounted). •Valid as *Acipenser kikuchii* Jordan & Snyder 1901 -- (Okada 1961:284 [ref. 6363]). •Synonym of *Acipenser sinensis* Gray 1835 -- (Birstein & Bemis 1997:159 [ref. 29760]). **Current status:** Synonym of *Acipenser sinensis* Gray 1835. Acipenseridae. Habitat: freshwater, brackish, marine.

sinensis, Acipenser Gray [J. E.] 1835:122 [Proceedings of the General Meetings for Scientific Business of the Zoological Society of London 1834 (pt 2); ref. 18155] China. Syntypes: BMNH 1851.12.27.267 (1). •Valid as *Acipenser sinensis* Gray 1835 -- (Nakaya in Masuda et al. 1984:18 [ref. 6441], Zheng et al. 1989:19 [ref. 21202], Kuang in Pan et al. 1991:26 [ref. 23876], Ding 1994:30 [ref. 21531], Artyukhin 1995:7 [ref. 23782], Zhu 1995:6 [ref. 25213], Bemis et al. 1997:37 [ref. 22871], Cheng & Zhou 1997:63 [ref. 26385] dated 1834, Kim 1997:140 [ref. 24032], Birstein & Bemis 1997:158 [ref. 29760], Chen in Chen 1998:37 [ref. 23556], Yue & Chen 1998:13 [ref. 26415], Zhang 2001:34 [ref. 26586] dated 1834, Youn 2002:136, 487 [ref. 26218], Hilton et al. 2011:136 [ref. 31407]). **Current status:** Valid as *Acipenser sinensis* Gray 1835. Acipenseridae. Distribution: Yangtze and Pearl River basins, China. Habitat: freshwater, brackish, marine.

***Acipenser stellatus* Pallas, 1771**

cyrensis, Acipenser stellatus stellatus natio Berg [L. S.] 1932:65 [Les poissons des eaux douces de l'U.R.S.S. et des pays limitrophes. 3-e édition, revue et augmentée. Part 1; ref. 278] Not available, infrasubspecific; from Kura River,

Azerbaijan. •In the synonymy of *Acipenser stellatus* Pallas 1771 -- (Berg 1948:100 [ref. 12882], Kottelat 1997:33 [ref. 22952]). **Current status:** Synonym of *Acipenser stellatus* Pallas 1771. Acipenseridae.

danubialis, *Acipenser stellatus* Brusina [S.] 1902:59, Fig. 3 [Rad Jugoslavenske Akademije znanosti i umjetnosti. Zagrebu. No. 149; ref. 17292] Danube River Syntypes: whereabouts unknown. •Synonym of *Acipenser stellatus* Pallas 1771 -- (Svetovidov 1973:84 [ref. 7169], Kottelat 1997:33 [ref. 22952]). **Current status:** Synonym of *Acipenser stellatus* Pallas 1771. Acipenseridae. Habitat: freshwater, brackish, marine.

donensis, *Acipenser stellatus* Lovetsky [A.] 1834:263, Pl. 19 (fig. 1) [Nouveaux mémoires de la Société impériale des naturalistes de Moscou v. 3; ref. 18085] Don River, Russia. •Synonym of *Acipenser stellatus* Pallas 1771 -- (Berg 1948:96 [ref. 12882], Svetovidov 1973:83 [ref. 7169], Kottelat 1997:33 [ref. 22952]). •Synonym of *Acipenser stellatus* Pallas 1771, but a valid subspecies as described -- (Sokolov 1998:19 [ref. 23571]). **Current status:** Synonym of *Acipenser stellatus* Pallas 1771. Acipenseridae. Habitat: freshwater, brackish, marine.

helops, *Acipenser* Pallas [P. S.] 1814:97 [Zoographia Rosso-Asiatica, sistens omnium animalium ... v. 3; ref. 3351] Major rivers and seas of Russia. No types known. •Synonym of *Acipenser stellatus* Pallas 1771 -- (Berg 1948:96 [ref. 12882] as *helops*, Svetovidov 1973:83 [ref. 7169], Coad 1995:7 [ref. 23608], Kottelat 1997:32 [ref. 22952], Sokolov 1998:22 [ref. 23571]). **Current status:** Synonym of *Acipenser stellatus* Pallas 1771. Acipenseridae. Habitat: freshwater, brackish, marine.

illyricus, *Acipenser stellatus* Brusina [S.] 1902:60, Figs. 1-2 [Rad Jugoslavenske Akademije znanosti i umjetnosti. Zagrebu. No. 149; ref. 17292] Zadar, Dalmatia, Croatia, Adriatic Sea (Mediterranean Sea). Syntypes: whereabouts unknown. Original not seen. •Synonym of *Acipenser stellatus* Pallas 1771 -- (Svetovidov 1973:84 [ref. 7169], Kottelat 1997:33 [ref. 22952]). **Current status:** Synonym of *Acipenser stellatus* Pallas 1771. Acipenseridae. Habitat: freshwater, brackish, marine.

ponticus, *Acipenser stellatus* Movchan [Yu. V.] 1970:41 [Vestnik Zoologii v. 1970 (no. 2); ref. 895] Northwestern Black Sea, including Danube and Dneiper rivers. Syntypes: (many) whereabouts unknown. •Synonym of *Huso huso* (Linnaeus 1758) -- (see Sokolov 1998:23 [ref. 23571]). **Current status:** Synonym of *Huso huso* (Linnaeus 1758). Acipenseridae. Habitat: freshwater, brackish, marine.

ratzeburgii, *Acipenser* Brandt [J. F.] in Brandt & Ratzeburg 1833:351, 352, Pl. 1a (fig. 3) [Medizinische Zoologie, oder getreue Darstellung und Beschreibung der Thiere, die in der Arzneimittellehre in Betracht kommen, in systematischer Folge herausgegeben. v. 2; ref. 619] Caspian Sea at mouth of Emba River Holotype: ZIN 11760. •Synonym of *Acipenser stellatus* Pallas 1771 -- (Coad 1995:7 [ref. 23608], Kottelat 1997:33 [ref. 22952]). **Current status:** Synonym of *Acipenser stellatus* Pallas 1771. Acipenseridae. Habitat: freshwater, brackish, marine.

rostratus, *Acipenser* Heckel [J. J.] in Fitzinger & Heckel 1836:287, 298 [Annalen des Wiener Museums der Naturgeschichte v. 1 (no. 12); ref. 2077] Treated by Kottelat as dating to Brandt & Ratzeburg 1833, as name in synonymy and not available. •In the synonymy of *Acipenser stellatus* Pallas 1771 -- (Kottelat 1997:33 [ref. 22952]). **Current status:** Synonym of *Acipenser stellatus* Pallas 1771. Acipenseridae.

seuruga, *Acipenser* Güldenstädt [J. A. von] 1772:533 [Novi Commentarii Academiae Scientiarum Imperialis Petropolitanae v. 16 (1771); ref. 5066] Caspian Sea. No types known. Also in Bonnaterre 1788:17 [ref. 4940]. •Synonym of *Acipenser stellatus* Pallas 1771 -- (Kottelat 1997:32 [ref. 22952], Sokolov 1998:22 [ref. 23571]). **Current status:** Synonym of *Acipenser stellatus* Pallas 1771. Acipenseridae. Habitat: freshwater, brackish, marine.

stellatus, *Acipenser* Pallas [P. S.] 1771:460 [Reise durch verschiedene Provinzen des russischen Reiches. St. Petersburg. 3 vols.; ref. 18509] Volga River at Simbirsk, Caspian Sea, Ural River to Gwje. No types known. •Valid as *Acipenser stellatus* Pallas 1771 -- (Berg 1948:96 [ref. 12882], Svetovidov 1973:83 [ref. 7169], Svetovidov in Whitehead et al. 1984:223 [ref. 13675], Lelek 1987:54 [ref. 22962], Coad 1995:7 [ref. 23608], Artyukhin 1995:7 [ref. 23782], Sokolov & Tsepkin 1996:20 [ref. 24640], Bemis et al. 1997:37 [ref. 22871], Kottelat 1997:32 [ref. 22952], Reshetnikov et al. 1997:726 [ref. 24702], Birstein & Bemis 1997:158 [ref. 29760], Sokolov 1998:22 [ref. 23571], Coad 1998:102 [ref. 23869], Pourkazemi et al. 2000:1 [ref. 25536], Bogutskaya et al. 2001:42 [ref. 26178], Bilecenoglu et al. 2002:29 [ref. 26753], Hanel 2003:47 [ref. 27894], Bogutskaya & Naseka 2004:25 [ref. 28183], Vassilev & Pehlivanov 2005:162 [ref. 28369], Fricke et al. 2007:22 [ref. 29533], Kottelat & Freyhof 2007:56 [ref. 29996], Vasil'eva 2007:39 [ref. 30517], Ninua & Japoshvili 2008:164 [ref. 31251], Hilton et al. 2011:136 [ref. 31407]). **Current status:** Valid as *Acipenser stellatus* Pallas 1771. Acipenseridae. Distribution: Eastern Atlantic, Mediterranean Sea, Europe and Middle East: Black Sea, Caspian Sea, Aegean Sea and adjacent watersheds. Habitat: freshwater, brackish, marine.

***Acipenser sturio* Linnaeus, 1758**

accipenser, *Sturio* Strøm [H.] 1784:129 [Physisk-oeconomisk beskrivelse over Eger-praestgiaeld i Aggerhuus-stift i Norge; tilligemed et geographisk Kort over samme; ref. 22961] Boskerud District, southwest of Oslo, Norway. No types known. Declared a nomen protectum under Art. 23.9.1.2 by Kottelat & Freyhof 2009:79 [ref. 30320] in favor of *Acipenser oxyrinchus* Mitchill 1815. •Synonym of *Acipenser sturio* Linnaeus 1758 -- (Kottelat 1997:33 [ref. 22952]). •In the synonymy of *Acipenser oxyrinchus* Mitchill 1815. **Current status:** Synonym of *Acipenser oxyrinchus* Mitchill 1815. Acipenseridae. Habitat: freshwater, brackish, marine.

atlanticus, *Accipenser* Rafinesque [C. S.] 1820:246 [Western Revue and Miscellaneous Magazine v. 3 (no. 4); ref. 5088] U.S.A. Also in Rafinesque 1820:79 [ref. 3592]. Based on *Acipenser sturio* of Mitchill 1815:461 [ref. 13292] (not of Linnaeus). Correct spelling of genus is *Acipenser*. Acipenseridae. Habitat: freshwater, brackish, marine.

attilus, *Accipenser* Rafinesque [C. S.] 1820:246 [Western Revue and Miscellaneous Magazine v. 3 (no. 4); ref. 5088] Also in Rafinesque 1820:79 [ref. 3592] and in Bonaparte 1846:21 [ref. 519]. Name only and not available. Correct spelling of genus is *Acipenser*. •In the synonymy of *Acipenser sturio* Linnaeus 1758 -- (Kottelat 1997:33 [ref. 22952]). **Current status:** Synonym of *Acipenser sturio* Linnaeus 1758. Acipenseridae.

attilus, *Acipenser* Gray [J. E.] 1851:13 [List of the specimens of fish in the collection of the British Museum. Part I.--Chondropterygii.; ref. 4939] As a replacement name for *Acipenser sturio* Linnaeus 1758 as treated by Kottelat

1997: 33 [ref. [22952](#)]. •Synonym of *Acipenser sturio* Linnaeus 1758 -- (Kottelat 1997: 33 [ref. [22952](#)]). **Current status:** Synonym of *Acipenser sturio* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish, marine.

ducissae, Acipenser (Huso) Duméril [A. H. A.] 1870: 98, Pl. 20 (figs. 5, 5a) [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. [1147](#)] Russia. Holotype (unique): MNHN 0000-4634. Type catalog: Bertin 1940: 250 [ref. [293](#)]. •Synonym of *Acipenser sturio* Linnaeus 1758 -- (Kottelat 1997: 33 [ref. [22952](#)]). **Current status:** Synonym of *Acipenser sturio* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish, marine.

europaeus, Acipenser Brusina [S.] 1902: 180 [Rad Jugoslavenske Akademije znanosti i umjetnosti. Zagrebu. No. 149; ref. [17292](#)] Sweden. Original not seen. Name in synonymy and not available; a reference to Linnaeus apparently is in error. •In the synonymy of *Acipenser sturio* Linnaeus 1758 -- (Kottelat 1997: 33 [ref. [22952](#)]). **Current status:** Synonym of *Acipenser sturio* Linnaeus 1758. Acipenseridae.

fitzingerii, Acipenser (Huso) Duméril [A. H. A.] (ex Valenciennes) 1870: 97, Pl. 20 (figs. 4, 4a) [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. [1147](#)] Russia. Holotype (unique): MNHN 0000-4638. Type catalog: Bertin 1940: 250 [ref. [293](#)]. •Synonym of *Acipenser sturio* Linnaeus 1758 -- (Kottelat 1997: 33 [ref. [22952](#)]). **Current status:** Synonym of *Acipenser sturio* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish, marine.

hospitus, Acipenser Krøyer [H. N.] 1852: 780 [Danmarks Fiske. 4 vols. in 3.; ref. [18437](#)] Northern Öresund [sound between Sweden and Seeland, Denmark]. Holotype: whereabouts unknown. Original not seen. •Synonym of *Acipenser sturio* Linnaeus 1758 -- (Kottelat 1997: 33 [ref. [22952](#)]). **Current status:** Synonym of *Acipenser sturio* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish, marine.

kostera, Acipenser sturio var. Pallas [P. S.] 1814: 96 [Zoographia Rosso-Asiatica, sistens omnium animalium ... v. 3; ref. [3351](#)] Not a scientific name: listed as the Russian name for a variety (Ob R.). Acipenseridae.

laevissimus, Acipenser Duméril [A. H. A.] (ex Valenciennes) 1870: 188 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. [1147](#)] Elbe River, Germany; River Gironde, Bordeaux, France. Syntypes: MNHN 0000-5158 (1) Elbe River, MNHN 0000-5159 (1) River Gironde. Type catalog: Bertin 1940: 253 [ref. [293](#)]. •Synonym of *Acipenser sturio* Linnaeus 1758. **Current status:** Synonym of *Acipenser sturio* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish, marine.

latirostris, Acipenser Parnell [R.] 1831-37: 245, Pl. 39 [Memoirs of the Wernerian Natural History Society, Edinburgh v. 7; ref. [18519](#)] Firth of Forth, Scotland. This page of original not seen; also as p. 409. •Synonym of *Acipenser sturio* Linnaeus 1758 -- (Kottelat 1997: 33 [ref. [22952](#)]). **Current status:** Synonym of *Acipenser sturio* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish, marine.

lecontei, Acipenser (Antaceus) Duméril [A. H. A.] 1867: 177, Pl. 16 (figs. 1, 1a, 2) [Nouvelles Archives du Muséum d'Histoire Naturelle, Paris v. 3; ref. [14072](#)] Bay of New York, U.S.A. Syntypes: (2) MNHN 0000-3110 (1, dry). Type catalog: Bertin 1940: 249 [ref. [293](#)] with MNHN 3110 as figured holotype. Also appeared in Duméril 1870: 232 [ref. [1147](#)]. •Synonym of *Acipenser oxyrinchus* Mitchill 1815 -- (Smith 1986: 48 [ref. [22186](#)] as *leconti* and *oxyrhynchus*). •Synonym of *Acipenser sturio*

Linnaeus 1758 -- (authors). **Current status:** Synonym of *Acipenser oxyrinchus* Mitchill 1815. Acipenseridae. Habitat: freshwater, brackish, marine.

lichtensteinii, *Acipenser* Bloch [M. E.] & Schneider [J. G.] 1801:348, Pl. 69 [M. E. Blochii, Systema Ichthyologiae.; ref. 471] North Sea. Holotype (unique): ZMB 4412. Type catalog: Paepke 1999:42 [ref. 24282]. Declared a nomen protectum under Art. 23.9.1.2 by Kottelat & Freyhof 2009:79 [ref. 30320] in favor of *Acipenser oxyrinchus* Mitchill 1815. •Synonym of *Acipenser sturio* Linnaeus 1758 -- (Kottelat 1997:33 [ref. 22952]). •In the synonymy of *Acipenser oxyrinchus* Mitchill 1815 -- (Kottelat & Freyhof 2009:79 [ref. 30320]). **Current status:** Synonym of *Acipenser oxyrinchus* Mitchill 1815. Acipenseridae. Habitat: freshwater, brackish, marine.

milberti, *Acipenser (Huso)* Duméril [A. H. A.] 1870:137 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] New York, U.S.A. Syntypes: MNHN 0000-3113 (1, mounted), 0000-3494 (1, mounted). Type catalog: Bertin 1940:251 [ref. 293]. •Synonym of *Acipenser oxyrinchus* Mitchill 1815 -- (Smith 1986:49 [ref. 22186] as *oxyrhynchus*). •Synonym of *Acipenser sturio* Linnaeus 1758 -- (authors). **Current status:** Synonym of *Acipenser sturio* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish, marine.

mitchillii, *Acipenser (Huso)* Duméril [A. H. A.] 1870:116 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] New York, U.S.A. Holotype (unique): MNHN 0000-4578. Type catalog: Bertin 1940:250 [ref. 293]. •Synonym of *Acipenser oxyrinchus* Mitchill 1815 -- (Smith 1986:48 [ref. 22186] as *oxyrhynchus*). •Synonym of *Acipenser sturio* Linnaeus 1758 -- (authors). **Current status:** Synonym of *Acipenser oxyrinchus* Mitchill 1815. Acipenseridae. Habitat: freshwater, brackish, marine.

nehelae, *Acipenser (Huso)* Duméril [A. H. A.] 1870:100, Pl. 20 (figs. 6, 6a) [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Russia. Holotype (unique): MNHN 0000-4637. Type catalog: Bertin 1940:250 [ref. 293]. •Synonym of *Acipenser sturio* Linnaeus 1758 -- (Kottelat 1997:33 [ref. 22952]). **Current status:** Synonym of *Acipenser sturio* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish, marine.

podapos, *Acipenser (Huso)* Duméril [A. H. A.] 1870:102 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Locality unknown [Europe]. Syntypes: MNHN 0000-4636 (2). Type catalog: Bertin 1940:250 [ref. 293]. •Synonym of *Acipenser sturio* Linnaeus 1758 -- (Kottelat 1997:33 [ref. 22952]). **Current status:** Synonym of *Acipenser sturio* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish, marine.

sturio, *Acipenser* Linnaeus [C.] 1758:237 [Systema Naturae, Ed. X. v. 1; ref. 2787] Charente River at Saintes, France. Neotype: MNHN 1962-1295. Paralectotypes: BMNH 1853.11.12.210 (1); NRM 94 (1), 21711 (1). Type catalog: Fernholm & Wheeler 1983:209 [ref. 20707]. Lectotype designated by Kottelat & Freyhof 2009:77 [ref. 30320] as the specimen illustrated in Rondelet 1555:410; since that specimen is not in existence, Kottelat & Freyhof 2009:77 [ref. 30320] then designate MNHN 1962-1295 as the neotype to maintain *sturio* as the species of western and southern European species. They mistakenly referred to the neotype as the holotype on p. 77. •Synonym of *Acipenser oxyrinchus* Mitchell 1815, subspecies *oxyrinchus* Mitchell 1815 -- (Ross et al. 2001:76 [ref. 25978]). •Valid as *Acipenser sturio* Linnaeus 1758 -- (Berg 1948:93 [ref. 12882], Svetovidov 1973:82 [ref. 7169], Svetovidov in Whitehead et al. 1984:224 [ref. 13675], Lelek 1987:42 [ref. 22962], Lepage & Rochard 1995:28 [ref. 22130], Artyukhin 1995:7 [ref. 23782], Mrakovcic et al. 1995:183 [ref. 23079], Chereshev 1996:599 [ref.

24659], Bemis et al. 1997:37 [ref. 22871], Kottelat 1997:33 [ref. 22952], Reshetnikov et al. 1997:726 [ref. 24702], Birstein & Bemis 1997:160 [ref. 29760], Sokolov 1998:22 [ref. 23571], Gröger & Debus 2000:175 [ref. 24937], Bogutskaya et al. 2001:42 [ref. 26178], Bilecenoglu et al. 2002:29 [ref. 26753], Hanel 2003:46 [ref. 27894], Bogutskaya & Naseka 2004:25 [ref. 28183], Vassilev & Pehlivanov 2005:162 [ref. 28369], Hanel & Lusk 2005:179 [ref. 28804], Fricke 2007:25 [ref. 30577], Fricke et al. 2007:22 [ref. 29533], Kottelat & Freyhof 2007:57 [ref. 29996], Vasil'eva 2007:39 [ref. 30517], Ninua & Japoshvili 2008:164 [ref. 31251], Kottelat & Freyhof 2009:77 [ref. 30320], Mecklenburg et al. 2011:117 [ref. 31212], Hilton et al. 2011:136 [ref. 31407]). **Current status:** Valid as *Acipenser sturio* Linnaeus 1758. Acipenseridae. Distribution: Eastern Atlantic, Europe, Middle East: Western and southern Europe (including western Baltic Sea, White Sea, North Sea, Mediterranean Sea, Black Sea, Sea of Marmara and adjacent watersheds). Habitat: freshwater, brackish, marine.

sturioides, Acipenser Malm [A. W.] 1861:618 [Förhandlingar vid de Skandinaviske naturforskernes. v. 8 (for 1860); ref. 17594] Göta Elf near Göteborg, Sweden. Holotype (unique): NMG. •Synonym of *Acipenser sturio* Linnaeus 1758 -- (Kottelat 1997:33 [ref. 22952]). **Current status:** Synonym of *Acipenser sturio* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish, marine.

thompsoni, Acipenser Ball [R.] in Thompson 1856:245 [Fishes of Ireland.; ref. 4390] Ireland. This page of original not seen. Not available, name in synonymy. •In the synonymy of *Acipenser sturio* Linnaeus 1758 -- (Kottelat 1997:33 [ref. 22952]). **Current status:** Synonym of *Acipenser sturio* Linnaeus 1758. Acipenseridae.

valenciennii, Acipenser (Huso) Duméril [A. H. A.] 1870:180 [Tableau élémentaire de l'histoire naturelle des animaux. v. 2; ref. 1147] Questionably Seine River; Sables d'Olonne, Vendée. Syntypes: MNHN 0000-3115 (1, dry) Seine R.; MNHN 0000-3573 (1, dry) Sables d'Olonne. Type catalog: Bertin 1940:252-253 [ref. 293]. •Synonym of *Acipenser sturio* Linnaeus 1758 -- (Kottelat 1997:33 [ref. 22952]). **Current status:** Synonym of *Acipenser sturio* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish, marine.

vulgaris, Sturio Rafinesque [C. S.] 1810:41 [Indice d'ittiologia siciliana; ossia, catalogo metodico dei nomi latini, italiani, e siciliani dei pesci, ...; ref. 3595] Sicily, Italy, Mediterranean Sea. Also in Brusina 1902:54 [ref. 17292]. Unneeded new name for (and objective synonym of) *Acipenser sturio* Linnaeus 1758. •Synonym of *Acipenser sturio* Linnaeus 1758 -- (Kottelat 1997:33 [ref. 22952]). **Current status:** Synonym of *Acipenser sturio* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish, marine.

yarrellii, Acipenser Duméril [A. H. A.] 1867:164 [Nouvelles Archives du Muséum d'Histoire Naturelle, Paris v. 3; ref. 14072] Seine River mouth, France. Syntypes: BMNH (2), MNHN 0000-3108 (1, dry). Type catalog: Bertin 1940:249 [ref. 293] with MNHN 3108 as holotype. Also appeared as *Acipenser (Antaceus) yarrellii* in Duméril 1870:215 [ref. 1147]. •Synonym of *Acipenser sturio* Linnaeus 1758 -- (Kottelat 1997:33 [ref. 22952]). **Current status:** Synonym of *Acipenser sturio* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish, marine.

***Acipenser transmontanus* Richardson, 1836**

aleutensis, Acipenser Fitzinger [L. J. F. J.] in Fitzinger & Heckel 1836:285 [Annalen des Wiener Museums der Naturgeschichte v. 1 (no. 12); ref. 2077] Canaga Island, Aleutian Islands, Alaska, U.S.A. [in error]. No types known. See Mecklenburg et al. 2002:115 [ref 25968] who say not from Alaska and not *transmontanus*. •Questionably a synonym of *Acipenser ruthenus* Linnaeus 1758 -- (Kottelat 1997:32 [ref. 22952]). •Synonym of *Acipenser transmontanus* Richardson 1836 -- (Scott & Crossman 1998:100 [ref. 24570]). **Current status:** Synonym of *Acipenser ruthenus* Linnaeus 1758. Acipenseridae. Habitat: freshwater, brackish.

ayresii, Acipenser (Antaceus) Duméril [A. H. A.] 1867:171, Pls. 12 (figs. 1-1b), 16 (fig. 3) [Nouvelles Archives du Muséum d'Histoire Naturelle, Paris v. 3; ref. 14072] San Francisco, California, U.S.A. Holotype (unique): whereabouts unknown. Also appeared in Duméril 1870:226, Pl. 18 (figs. 2, 2a-b) [ref. 1147]. •Synonym of *Acipenser transmontanus* Richardson 1836. **Current status:** Synonym of *Acipenser transmontanus* Richardson 1836. Acipenseridae. Habitat: freshwater.

brachyrinchus, Acipenser Ayres [W. O.] 1854:2 [The Pacific [newspaper] v. 3 and 4 (thru no. 6); ref. 157] San Francisco Bay, California, U.S.A. Possible syntype: BMNH 1863.10.9.37 [from Ayres] (1). Appeared first as above on 1 Dec.; then in Ayres 1854 (Dec. 25):15 [ref. 18923]. •Synonym of *Acipenser transmontanus* Richardson 1836. **Current status:** Synonym of *Acipenser transmontanus* Richardson 1836. Acipenseridae. Habitat: freshwater.

caryi, Acipenser (Antaceus) Duméril [A. H. A.] 1867:169, Pl. 12 (figs. 2, 2a-b) [Nouvelles Archives du Muséum d'Histoire Naturelle, Paris v. 3; ref. 14072] San Francisco, California, U.S.A. Holotype: MCZ 24034 (not found). Also in Duméril 1870: 224, Pl. 18 (figs. 1, 1a-b) [ref. 1147]. •Synonym of *Acipenser transmontanus* Richardson 1836. **Current status:** Synonym of *Acipenser transmontanus* Richardson 1836. Acipenseridae. Habitat: freshwater.

putnami, Acipenser (Antaceus) Duméril [A. H. A.] 1867:178, Pl. 13 (figs. 1, 1a-b) [Nouvelles Archives du Muséum d'Histoire Naturelle, Paris v. 3; ref. 14072] San Francisco, California, U.S.A. Holotype (unique): MCZ (whereabouts unknown). Also appeared in Duméril 1870:243, Pl. 18 (figs. 2, 2a-b) [ref. 1147]. •Synonym of *Acipenser transmontanus* Richardson 1836. **Current status:** Synonym of *Acipenser transmontanus* Richardson 1836. Acipenseridae. Habitat: freshwater.

transmontanus, Acipenser Richardson [J.] (ex Gairdner) 1836:278, Pl. 97 (fig. 2) [Fauna Boreali-Americana; or the zoology of the northern parts of British America: ... Part 3; ref. 3731] Vancouver, Washington, U.S.A.; and Columbia River as high as Fort Colville. Syntypes: (2) whereabouts unknown. •Valid as *Acipenser transmontanus* Richardson 1836 -- (Lee et al. 1980:42 [ref. 22416], Eschmeyer & Herald 1983:61 [ref. 9277], McAllister 1990:42 [ref. 14674], Page & Burr 1991:27 [ref. 18983], Artyukhin 1995:7 [ref. 23782], Bemis et al. 1997:37 [ref. 22871], Birstein & Bemis 1997:160 [ref. 29760], Scott & Crossman 1998:96 [ref. 24570], Fuller et al. 1999:22 [ref. 25838], Dyer 2000:89 [ref. 26678], Musick et al. 2000:10 [ref. 24959], Mecklenburg et al. 2002:115 [ref. 25968], Moyle 2002:106 [ref. 26449], Wydoski & Whitney 2003:41 [ref. 27816], Nelson et al. 2004:58 [ref. 27807], Scharpf 2005:7 [ref. 28940], McPhail 2007:30 [ref. 31199], Minckley & Marsh 2009:69 [ref. 31114], Page & Burr 2011:137 [ref. 31215], Hilton et al. 2011:136 [ref. 31407]). **Current status:** Valid as *Acipenser transmontanus* Richardson 1836. Acipenseridae. Distribution: Pacific Coast of North America/western North America: Gulf of Alaska to Monterey, California, U.S.A.; introduced in Lower Colorado R., Arizona, U.S.A. Habitat: freshwater.

***Huso dauricus* (Georgi, 1775)**

dauricus, Acipenser Georgi [J. G.] 1775:352 [Bemerkungen einer Reise im russischen Reich in 1772.; ref. 18104] Amur River; Argun; Schilka; and Onon rivers. No types known. •Valid as *Huso dauricus* (Georgi 1775) -- (Berg 1948:58 [ref. 12882], Nakaya in Masuda et al. 1984:18 [ref. 6441], Honma & Itano 1994:317 [ref. 22346], Artyukhin 1995:7 [ref. 23782], Bogutskaya & Naseka 1996:11 [ref. 22798], Chereshevnev 1996:599 [ref. 24659], Bemis et al. 1997:37 [ref. 22871], Reshetnikov et al. 1997:726 [ref. 24702], Sokolov 1998:23 [ref. 23571], Yue & Chen 1998:17 [ref. 26415], Nakabo 2000:187 [ref. 25086], Sheiko & Fedorov 2000:16 [ref. 25650], Bogutskaya et al. 2001:42 [ref. 26178], Pietsch et al. 2001:138 [ref. 25688], Zhang 2001:38 [ref. 26586], Nakabo 2002:187 [ref. 26001], Fedorov et al. 2003:23 [ref. 27579], Bogutskaya & Naseka 2004:26 [ref. 28183], Kottelat 2006:85 [ref. 28831], Bogutskaya et al. 2008:313 [ref. 30085], Hilton et al. 2011:136 [ref. 31407]). •Valid as *Acipenser dauricus* Georgi 1775 -- (Vasil'eva et al. 2009:865 [ref. 30626]). **Current status:** Valid as *Huso dauricus* (Georgi 1775). Acipenseridae. Distribution: Asia. Habitat: freshwater, brackish, marine.

mantschuricus, Acipenser Basilewsky [S.] 1855:235 [Nouveaux mémoires de la Société impériale des naturalistes de Moscou v. 10; ref. 200] Amur River [China] No types at ZIN. •Synonym of *Huso dauricus* (Georgi 1775) -- (Bogutskaya et al. 2008:313 [ref. 30085]). **Current status:** Synonym of *Huso dauricus* (Georgi 1775). Acipenseridae. Habitat: freshwater, brackish, marine.

orientalis, Acipenser Pallas [P. S.] 1814:107 [Zoographia Rosso-Asiatica, sistens omnium animalium ... v. 3; ref. 3351] Amur River, Schilkam and Argunum, along Pacific. No types known. •Synonym of *Huso dauricus* (Georgi 1775) -- (Berg 1948:58 [ref. 12882], Bogutskaya & Naseka 1996:11 [ref. 22798], Sokolov 1998:23 [ref. 23571], Bogutskaya et al. 2008:313 [ref. 30085]). **Current status:** Synonym of *Huso dauricus* (Georgi 1775). Acipenseridae. Habitat: freshwater, brackish, marine.

***Huso huso* Linnaeus, 1758**

albula, Acipenser Forster [J. R.] 1767:354 [Philosophical Transactions of the Royal Society of London v. 57; ref. 18088] Volga River, Russia. No types known. Not available, as named alternative for *Acipenser beluga* Forster 1767. See *Acipenser beluga* Forster 1767. •Synonym of *Huso huso* (Linnaeus 1758) -- (Kottelat 1997:34 [ref. 22952]). **Current status:** Synonym of *Huso huso* (Linnaeus 1758). Acipenseridae. Habitat: freshwater, brackish, marine.

beluga, Acipenser Forster [J. R.] 1767:354 [Philosophical Transactions of the Royal Society of London v. 57; ref. 18088] Volga River, Russia. No types known. Not available, as named alternative as *Acipenser albula* or *A. beluga*. See *Acipenser albula* Forster 1767. •Synonym of *Huso huso* (Linnaeus 1758) -- (Kottelat 1997:34 [ref. 22952]). **Current status:** Synonym of *Huso huso* (Linnaeus 1758). Acipenseridae. Habitat: freshwater, brackish, marine.

brandtii, *Acipenser* Günther [A.] 1870:336, 517 [Catalogue of the fishes in the British Museum. v. 8; ref. 1995] Black Sea; Caspian Sea. No types known. Based on *Acipenser schypa* (in part) of Brandt & Ratzeburg. •Based on a hybrid of *Huso huso* x *Acipenser nudiventris* -- (Berg 1948:65 [ref. 12882], Kottelat 1997:183 [ref. 22952]). Acipenseridae.

caspicus, *Huso huso* Babushkin [N. Ya.] 1942:131 [Izvestiia Azerbaidzhankoi nauchno-issledovatel'skpi rybokhoziaistvennoi stantsii. Baku, Russia. No. 7; ref. 21746] Caspian Sea. No types known. •Synonym of *Huso huso* (Linnaeus 1758), but a valid subspecies as described -- (Lelek 1987:55 [ref. 22962]). •Synonym of *Huso huso* (Linnaeus 1758) -- (Berg 1948:61 [ref. 12882], Coad 1995:7 [ref. 23608], Kottelat 1997:34 [ref. 22952]). **Current status:** Synonym of *Huso huso* (Linnaeus 1758). Acipenseridae. Habitat: freshwater, brackish, marine.

curensis, *Huso huso caspicus* natio Babushkin [N. Ya.] 1942:131 [Izvestiia Azerbaidzhankoi nauchno-issledovatel'skpi rybokhoziaistvennoi stantsii. Baku, Russia. No. 7; ref. 21746] Infrasubspecific, not available; from Kura River, Caspian Sea basin. •In the synonymy of *Huso huso* (Linnaeus 1758) -- (Kottelat 1997:34 [ref. 22952]). **Current status:** Synonym of *Huso huso* (Linnaeus 1758). Acipenseridae.

huso, *Acipenser* Linnaeus [C.] 1758:238 [Systema Naturae, Ed. X. v. 1; ref. 2787] Danube and the rivers of Russia. No types known. •Valid as *Huso huso* (Linnaeus 1758) -- (Berg 1948:61 [ref. 12882], Svetovidov 1973:84 [ref. 7169], Svetovidov in Whitehead et al. 1984:225 [ref. 13675], Lelek 1987:55 [ref. 22962], Coad 1995:7 [ref. 23608], Artyukhin 1995:7 [ref. 23782], Sokolov & Tsepkin 1996:16 [ref. 24640], Bemis et al. 1997:37 [ref. 22871], Kottelat 1997:33 [ref. 22952], Birstein & Bemis 2007:159 [ref. 29760], Reshetnikov et al. 1997:726 [ref. 24702], Sokolov 1998:23 [ref. 23571], Coad 1998:102 [ref. 23869], Pourkazemi et al. 2000:1 [ref. 25536], Bogutskaya et al. 2001:42 [ref. 26178], Bilecenoglu et al. 2002:30 [ref. 26753], Hanel 2003:46 [ref. 27894], Bogutskaya & Naseka 2004:26 [ref. 28183], Vassilev & Pehlivanov 2005:163 [ref. 28369], Hanel & Lusk 2005:174 [ref. 28804], Fricke et al. 2007:22 [ref. 29533], Kottelat & Freyhof 2007:59 [ref. 29996], Vasil'eva 2007:40 [ref. 30517], Ninua & Japoshvili 2008:164 [ref. 31251], Hilton et al. 2011:136 [ref. 31407]). •Valid as *Acipenser huso* Linnaeus 1758 -- (Vasil'eva et al. 2009:865 [ref. 30626]) **Current status:** Valid as *Huso huso* (Linnaeus 1758). Acipenseridae. Distribution: Eastern Atlantic, Mediterranean Sea, eastern Europe: Aegean, Black, Azov and Caspian seas and Sea of Marmara and adjacent watersheds. Habitat: freshwater, brackish, marine.

ichthyocolla, *Huso* Bonaparte [C. L.] 1846:22 [Atti della Settima Adunanza degli Scienziati Italiani 7a Adunanza, Napoli, Pt. 2; ref. 519] Unneeded new name for *Acipenser huso* Linnaeus 1758. •Synonym of *Huso huso* (Linnaeus 1758) -- (Svetovidov 1973:84 [ref. 7169], Kottelat 1997:34 [ref. 22952]). **Current status:** Synonym of *Huso huso* (Linnaeus 1758). Acipenseridae. Habitat: freshwater, brackish, marine.

maeoticus, *Huso huso* Sal'nikov [N. I.] & Malyatskii [S. M.] 1934:44 [Trudy Nauchnoi rybokhoziaistvennoi biologicheskoi stantsii Gruzii [Travaux de la Station piscicole et biologique de Géorgie] v. 1 (no. 1); ref. 21745] Sea of Azov. No types known. •Synonym of *Huso huso* (Linnaeus 1758) -- (Berg 1948:61 [ref. 12882], Kottelat 1997:34 [ref. 22952], Birstein & Bemis 1997:159 [ref. 29760], see Sokolov 1998:23 [ref. 23571]). •Synonym of *Huso huso* (Linnaeus 1758), but a valid subspecies as described -- (Lelek 1987:55 [ref. 22962]). **Current status:** Synonym of *Huso huso* (Linnaeus 1758). Acipenseridae. Habitat: freshwater, brackish, marine.

occidentalis, Huso huso ponticus natio Sal'nikov [N. I.] & Malyatskii [S. M.] 1934: 44 [Trudy Nauchnoi rybokhozyaistvennoi biologicheskoi stantii Gruzii [Travaux de la Station piscicole et biologique de Géorgie] v. 1 (no. 1); ref. 21745] Not available, infrasubspecific; from w. part of the Black Sea. •In the synonymy of *Huso huso* (Linnaeus 1758) -- (Berg 1948:61 [ref. 12882], Kottelat 1997:34 [ref. 22952]). **Current status:** Synonym of *Huso huso* (Linnaeus 1758). Acipenseridae.

orientalis, Huso huso Lelek [A.] 1987:55 [The freshwater fishes of Europe. Threatened fishes of Europe. v. 9; ref. 22962] Black Sea. Validates a name that first appeared as an infrasubspecific name; see *Huso huso ponticus* natio *orientalis*. But subjectively invalid; secondarily preoccupied in *Huso* by *Acipenser orientalis* Pallas 1814. •Synonym of *Huso huso* (Linnaeus 1758) -- (Kottelat 1997:34 [ref. 22952]). **Current status:** Synonym of *Huso huso* (Linnaeus 1758). Acipenseridae. Habitat: freshwater, brackish, marine.

orientalis, Huso huso ponticus natio Sal'nikov [N. I.] & Malyatskii [S. M.] 1934: 44 [Trudy Nauchnoi rybokhozyaistvennoi biologicheskoi stantii Gruzii [Travaux de la Station piscicole et biologique de Géorgie] v. 1 (no. 1); ref. 21745] Not available, infrasubspecific; from the Black Sea. •In the synonymy of *Huso huso* (Linnaeus 1758) -- (Berg 1948:61 [ref. 12882], Kottelat 1997:34 [ref. 22952]). •Treated as available from Lelek 1987:55 [ref. 22962] by reference to above. **Current status:** Synonym of *Huso huso* (Linnaeus 1758). Acipenseridae.

ponticus, Acipenser stellatus Movchan [Yu. V.] 1970: 41 [Vestnik Zoologii v. 1970 (no. 2); ref. 895] Northwestern Black Sea, including Danube and Dneiper rivers. Syntypes: (many) whereabouts unknown. •Synonym of *Huso huso* (Linnaeus 1758) -- (see Sokolov 1998:23 [ref. 23571]). **Current status:** Synonym of *Huso huso* (Linnaeus 1758). Acipenseridae. Habitat: freshwater, brackish, marine.

ponticus, Huso huso Sal'nikov [N. I.] & Malyatskii [S. M.] 1934: 44 [Trudy Nauchnoi rybokhozyaistvennoi biologicheskoi stantii Gruzii [Travaux de la Station piscicole et biologique de Géorgie] v. 1 (no. 1); ref. 21745] Black Sea. No types known. •Synonym of *Huso huso* (Linnaeus 1758) -- (Berg 1948:61 [ref. 12882], Kottelat 1997:34 [ref. 22952]). **Current status:** Synonym of *Huso huso* (Linnaeus 1758). Acipenseridae. Habitat: freshwater, brackish, marine.

schypa, Acipenser Bonnaterre [J. P.] (ex Gùldenstädt) 1788:16 [Tableau encyclopédique et méthodique des trois règnes de la nature... Ichthyologie.; ref. 4940] 'La mer du Nord' (erroneous, is probably Caspian Sea). Neotype: NRM 8946. Neotype designated (NRM 8946) by Kottelat 1997:34 [ref. 22952] in invalid, as the neotype is a specimen of *Huso huso* (Linnaeus 1758), but Bonnaterre's *Acipenser schypa* was exclusively based on *Acipenser schypa* Gùldenstädt 1772:516 [ref. 5066], , which is in the synonymy of *Acipenser nudiventris* Lovetsky 1828 according to Kottelat 1997:31 [ref. 22952]; therefore ICZN Art. 75.3.5 is not met. Name not considered as valid after 1899; therefore reversal of priority in favor of *Acipenser nudiventris* Lovetsky 1828 is followed (Art. 23.9). Objectively invalid; preoccupied by *Acipenser schypa* Gmelin 1789. •Synonym of *Huso huso* (Linnaeus 1758) -- (Kottelat 1997:34 [ref. 22952]). •In the synonymy of *Acipenser nudiventris* Lovetsky 1828. **Current status:** Synonym of *Acipenser nudiventris* Lovetsky 1828. Acipenseridae. Habitat: freshwater, brackish, marine.

schypa, Acipenser Gmelin [J. F.] 1789:1484 [Caroli a Linné ... Systema Naturae per regna tria naturae, secundum classes, ordines, genera, species; ... v. 1 (pt 3); ref. 18139] Turkey, Bosphore or Sea of Marmara (Mediterranean Sea). Neotype: NRM 8946. Neotype designated by Kottelat 1997:34 [ref. 22952]. Based in part on *Acipenser schypa* Gùldenstädt 1772:516 [ref. 5066], and on *Acipenser kostera* of

Gmelin 1774:238 [ref. 18140, v. 3]. Objectively invalid; preoccupied by *Acipenser schypa* Bonnaterre 1788. •Synonym of *Huso huso* (Linnaeus 1758) -- (Kottelat 1997:34 [ref. 22952]). **Current status:** Synonym of *Huso huso* (Linnaeus 1758). Acipenseridae. Habitat: freshwater, brackish, marine.

shyp, Acipenser Forster [J. R.] 1767:353 [Philosophical Transactions of the Royal Society of London v. 57; ref. 18088] Turkey, Bosphore or Sea of Marmara (Mediterranean Sea). Neotype: NRM 8946. Originally described from Volga River, Russia. Neotype designated by Kottelat 1997:34 [ref. 22952]. •Synonym of *Huso huso* (Linnaeus 1758) -- (Kottelat 1997:34 [ref. 22952]). **Current status:** Synonym of *Huso huso* (Linnaeus 1758). Acipenseridae. Habitat: freshwater, brackish, marine.

vallisnerii, Acipenser Molin [R.] 1853:366, 371 [Rivista Periodica dei Lavori della I. R. Accademia di Scienze, Lettere ed Arti di Padova v. 1; ref. 17782] Po River, Italy. •Synonym of *Huso huso* (Linnaeus 1758) -- (Svetovidov 1973:84 [ref. 7169], Kottelat 1997:34 [ref. 22952]). **Current status:** Synonym of *Huso huso* (Linnaeus 1758). Acipenseridae. Habitat: freshwater, brackish, marine.

***Pseudoscaphirhynchus fedtschenkoi* (Kessler, 1872)**

brevirostris, Pseudoscaphirhynchus fedtschenkoi forma Berg [L. S.] 1905:37 [Izviestii Turkestanskago otdiela Russkago geograficheskago obschestva v. 4; ref. 15338] Syr Darya River, Kazakhstan. Syntypes: ZIN 4528 (1 of 3, 300 mm), 11745 (2). Misspelled *brevirosis* and *brevirtis* in text, *brevirostris* correct. Regarded as infrasubspecific and unavailable from above; subsequent use not researched. Acipenseridae.

fedtschenkoi, Scaphirhynchus Kessler [K. T.] 1872:70 [26], Pl. 12 (figs. 36-41) [Izvestiia Imperatorskago Obschestva Liubitelei Estestvozaniiia, Antropologii i Etnografii v. 10 (no. 1); ref. 14134] Syr Darya River near Chinaz, Kazakhstan. Syntypes: (12) ZMMU P-640 (2); none found at ZIN. Type catalog: Svetovidova 1978:256 [ref. 9011], Vasil'eva et al. 2001:15 [ref. 25714]. On p. 26 of separate. Also in Kessler 1873:269 [ref. 18386] and in Kessler 1874:109 [ref. 18387]. •Valid as *Pseudoscaphirhynchus fedtschenkoi* (Kessler 1872) -- (Berg 1948:108 [ref. 12882], Bemis et al. 1997:37 [ref. 22871], Hilton et al. 2011:136 [ref. 31407]). **Current status:** Valid as *Pseudoscaphirhynchus fedtschenkoi* (Kessler 1872). Acipenseridae. Distribution: Eastern Europe. Habitat: freshwater, brackish.

intermedia, Pseudoscaphirhynchus fedtschenkoi forma Berg [L. S.] 1905:37 [Izviestii Turkestanskago otdiela Russkago geograficheskago obschestva v. 4; ref. 15338] Syr Darya River, Kazakhstan. Syntypes: ZIN 4528 (1, 276 mm of 3), 11944 (1). Not available, regarded as infrasubspecific. Acipenseridae.

longirostris, Pseudoscaphirhynchus fedtschenkoi forma Berg [L. S.] 1905:37 [Izviestii Turkestanskago otdiela Russkago geograficheskago obschestva v. 4; ref. 15338] Syr Darya River, Kazakhstan. Syntypes: ZIN 4528 (1, 225 mm), 11746 (1). Not available, regarded as infrasubspecific. Acipenseridae.

***Pseudoscaphirhynchus hermanni* (Kessler, 1877)**

hermanni*, *Scaphirhynchus Kessler [K. T.] (ex Severtzov) 1877:190, Pl. 8 (fig. 25, 25a-b) [The Aralo-Caspian Expedition. IV. Fishes of the Aralo-Caspio-Pontine ichthyological region.; ref. 2597] Amu Darya River, Turkmenistan or Uzbekistan. Syntypes: ZIN 3690 (4). •Valid as *Pseudoscaphirhynchus hermanni* (Kessler 1877) -- (Berg 1948:105 [ref. 12882], Coad 1981:8 [ref. 22348], Salnikov et al. 1996:10 [ref. 22563], Mayden & Kuhajda 1996:261 [ref. 22395], Bemis et al. 1997:37 [ref. 22871], Hilton et al. 2011:136 [ref. 31407]). **Current status:** Valid as *Pseudoscaphirhynchus hermanni* (Kessler 1877). Acipenseridae. Distribution: Eastern Europe. Habitat: freshwater, brackish.

rossikowi*, *Pseudoscaphirhynchus Nikolskii [A. M.] 1900:258 [Ezhegodnik. Zoologicheskogo Muzeya Akademii Nauk SSSR. v. 5; ref. 3202] Lower Amu Darya, Uzbekistan. Holotype (unique): ZIN 11526. •Synonym of *Pseudoscaphirhynchus hermanni* (Kessler 1877) -- (Berg 1948:105 [ref. 12882]). **Current status:** Synonym of *Pseudoscaphirhynchus hermanni* (Kessler 1877). Acipenseridae. Habitat: freshwater, brackish.

***Pseudoscaphirhynchus kaufmanni* (Bogdanov, 1874)**

kaufmanni*, *Scaphirhynchus Kessler [K. T.] (ex Bogdanov) 1877:194 [The Aralo-Caspian Expedition. IV. Fishes of the Aralo-Caspio-Pontine ichthyological region.; ref. 2597] Lower Amu-Darya River, Uzbekistan. Syntypes: ZIN 2707 (1, lost), ZMMU P-1456 (1). Type catalog: Svetovidova 1978:256 [ref. 9011], Vasil'eva et al. 2001:15 [ref. 25714]. Appeared first in Bogdanov 1874:XLVII [ref. 19624] with no distinguishing features. •Valid as *Pseudoscaphirhynchus kaufmanni* (Kessler 1877) -- (Berg 1948:104 [ref. 12882], Coad 1981:8 [ref. 22348], Salnikov et al. 1996:10 [ref. 22563], Mayden & Kuhajda 1996:261 [ref. 22395], Bemis et al. 1997:37 [ref. 22871], Hilton et al. 2011:136 [ref. 31407]). **Current status:** Valid as *Pseudoscaphirhynchus kaufmanni* (Kessler 1877). Acipenseridae. Distribution: Eastern Europe. Habitat: freshwater, brackish.

***Scaphirhynchus albus* (Forbes & Richardson, 1905)**

albus*, *Parascaphirhynchus Forbes [S. A.] & Richardson [R. E.] 1905:38, Pls. 4, 5 (1), 6(1), 7(1) [Bulletin of the Illinois State Laboratory of Natural History v. 7 (art. 4); ref. 1345] Mississippi River at or near Grafton, Jersey County, Illinois, U.S.A. Syntypes: (9) INHS 26944 (3 specimens, 2 heads). Type catalog: Smith & Bridges 1960:253 [ref. 21197], Sabaj et al. 1997:260 [ref. 23225]. •Valid as *Scaphirhynchus albus* (Forbes & Richardson 1905) -- (Lee et al. 1980:43 [ref. 22416], Robison & Buchanan 1988:79 [ref. 23393], Tomelleri & Eberle 1990:13 [ref. 24089], Page & Burr 1991:28 [ref. 18983], Etnier & Starnes 1993:101 [ref. 22809], Cross & Collins 1995:23 [ref. 23394], Mayden & Kuhajda 1996:260 [ref. 22395], Ross et al. 2001:76 [ref. 25978], Scott 2003:671 [ref. 26987], Nelson et al. 2004:58 [ref. 27807], Scharpf 2005:7 [ref. 28940], Page & Burr 2011:139 [ref.

31215], Hilton et al. 2011:136 [ref. 31407]). **Current status:** Valid as *Scaphirhynchus albus* (Forbes & Richardson 1905). Acipenseridae. Distribution: Mostly main channels of Missouri and lower Mississippi rivers, U.S.A. Habitat: freshwater, brackish, marine.

***Scaphirhynchus platyrhynchus* (Rafinesque, 1820)**

platyrhynchus, Accipenser Rafinesque [C. S.] 1820:247 [Western Revue and Miscellaneous Magazine v. 3 (no. 4); ref. 5088] Ohio, Wabash and Cumberland rivers, U.S.A. No types known. Described as belonging to subgenus *Sturio*, but listed as above. Also in Rafinesque 1820:80 [ref. 3592]. Correct spelling of genus is *Acipenser*. •Valid as *Scaphirhynchus platyrhynchus* (Rafinesque 1820) -- (Lee et al. 1980:44 [ref. 22416], Robison & Buchanan 1988:80 [ref. 23393], Tomelleri & Eberle 1990:12 [ref. 24089], Page & Burr 1991:27 [ref. 18983], Williams & Clemmer 1991:23 [ref. 19118], Boschung 1992:29 [ref. 23239], Espinosa Pérez et al. 1993:7 [ref. 22290], Etnier & Starnes 1993:102 [ref. 22809], Baxter & Stone 1995:44 [ref. 23374], Stauffer et al. 1995:31 [ref. 23376], Cross & Collins 1995:25 [ref. 23394], Mayden & Kuhajda 1996:260 [ref. 22395], Mettee et al. 1996:81 [ref. 25836], Bemis et al. 1997:37 [ref. 22871], Lyons et al. 2000:20 [ref. 26594] as *platorhynchus*, Ross et al. 2001:77 [ref. 25978], Nelson et al. 2004:58 [ref. 27807], Miller & Robison 2004:48 [ref. 27931], Boschung & Mayden 2004:107 [ref. 27995], Scharpf 2005:7 [ref. 28940], Miller 2006:82 [ref. 28615], Page & Burr 2011:138 [ref. 31215], Hilton et al. 2011:136 [ref. 31407]). **Current status:** Valid as *Scaphirhynchus platyrhynchus* (Rafinesque 1820). Acipenseridae. Distribution: North America: large rivers, United States. Habitat: freshwater.

rafinesquii, Scaphirhynchus Heckel [J. J.] 1836:72, Pl. 8 [Annalen des Wiener Museums der Naturgeschichte v. 1; ref. 2062] Ohio, Wabash, and Cumberland rivers, U.S.A. Syntypes: (3) NMW 63271 (2). Unneeded new name for *Accipenser platyrhynchus* Rafinesque 1820. •Synonym of *Scaphirhynchus platyrhynchus* (Rafinesque 1820). **Current status:** Synonym of *Scaphirhynchus platyrhynchus* (Rafinesque 1820). Acipenseridae. Habitat: freshwater.

***Scaphirhynchus suttkusi* Williams & Clemmer, 1991**

suttkusi, Scaphirhynchus Williams [J. D.] & Clemmer [G. H.] 1991:19, Figs. 1-2 [Bulletin of the Alabama Museum of Natural History No. 10; ref. 19118] Overflow pool of Alabama River, just above mouth of Little River at Dixie Landing, Monroe County, Alabama, U.S.A. Holotype: TU 135000. Paratypes: (many) AU, UAIC, USNM 200617 (1), TU, UF 84888 [ex AU 25918] (1), UMMZ 218752-53 (1, 1). Plus additional material not designated as types. Type catalog: Bart & Taylor 1993:30 [ref. 20906]. •Valid as *Scaphirhynchus suttkusi* Williams & Clemmer 1991 -- (Boschung 1992:29 [ref. 23239], Mayden & Kuhajda 1996:241 [ref. 22395], Mettee et al. 1996:83 [ref. 25836], Bemis et al. 1997:37 [ref. 22871], Ross et al. 2001:79 [ref. 25978], Nelson et al. 2004:58 [ref. 27807], Boschung & Mayden 2004:109 [ref. 27995], Scharpf 2005:7 [ref. 28940], Page & Burr 2011:138 [ref. 31215], Hilton et al. 2011:136 [ref. 31407]). **Current status:** Valid as

Scaphirhynchus suttkusi Williams & Clemmer 1991. Acipenseridae. Distribution: Southeastern U.S.A.: Mississippi and Alabama. Habitat: freshwater, marine.

Polyodontidae

Polyodon spathula (Walbaum, 1792)

edentula, Platirostra Lesueur [C. A.] 1818:228 [Journal of the Academy of Natural Sciences, Philadelphia v. 1 (pt 2); ref. 2735] Ohio River, U.S.A. Syntypes: ANSP (1), Peale's Museum (1) whereabouts unknown. •Synonym of *Polyodon spathula* (Walbaum 1792). **Current status:** Synonym of *Polyodon spathula* (Walbaum 1792). Polyodontidae. Habitat: freshwater.

feuille, Polyodon Lacepède [B. G. E.] 1797:49 [Bulletin de la Société Philomathique de Paris v. 1 (pt 2, no. 7); ref. 2707] No locality. Holotype (unique): MNHN 0000-5177 (poor condition). Type catalog: Bertin 1940:248 [ref. 293]. Also appeared in Lacepède 1798:402, Pl. 12 (fig. 3) [ref. 2708]. •Synonym of *Polyodon spathula* (Walbaum 1792). **Current status:** Synonym of *Polyodon spathula* (Walbaum 1792). Polyodontidae. Habitat: freshwater.

folium, Polyodon Bloch [M. E.] & Schneider [J. G.] 1801:457, Pl 62 (fig. 1) [M. E. Blochii, Systema Ichthyologiae.; ref. 471] Mississippi River, American Louisiana., U.S.A. Unneeded substitute for *Polyodon feuille* of Lacepède 1798:402 [ref. 2707]. •Synonym of *Polyodon spathula* (Walbaum 1792) -- (Bogutskaya & Sokolov 1998:23 [ref. 23572], Ross et al. 2001:84 [ref. 25978]). **Current status:** Synonym of *Polyodon spathula* (Walbaum 1792). Polyodontidae. Habitat: freshwater.

lagenarius, Accipenser Rafinesque [C. S.] 1820:86 [Ichthyologia Ohiensis, or natural history of the fishes inhabiting the river Ohio and its tributary streams,; ref. 3592] Ohio, U.S.A. No types known. •Synonym of *Polyodon spathula* (Walbaum 1792). **Current status:** Synonym of *Polyodon spathula* (Walbaum 1792). Polyodontidae. Habitat: freshwater.

maculatus, Proceros Rafinesque [C. S.] 1820:87 [Ichthyologia Ohiensis, or natural history of the fishes inhabiting the river Ohio and its tributary streams,; ref. 3592] St. Genevieve, Missouri, U.S.A. No types known. •Synonym of *Polyodon spathula* (Walbaum 1792). **Current status:** Synonym of *Polyodon spathula* (Walbaum 1792). Polyodontidae. Habitat: freshwater.

reticulata, Spatularia Shaw [G.] 1804:362, Pl. 156 [General zoology or systematic natural history ... Pisces.; ref. 4015] Probably Indian Seas. Based on "Polyodon feuille" of Lacepède and a specimen at BMNH. •In part a synonym of *Polyodon spathula* (Walbaum 1792). **Current status:** Synonym of *Polyodon*. Polyodontidae.

spathula, Squalus Walbaum [J. J.] 1792:522 [Petri Artedi sueci genera piscium. In quibus systema totum ichthyologiae proponitur cum classibus, ordinibus, generum characteribus, specierum differentiis, observationibus plurimis. Redactis speciebus 242 ad genera 52. Pt. 3; ref. 4572] Louisiana, the Mississippi River, U.S.A. No types known. Based on Spathule Maudit, J. Chim. H. Nat. Paris, 4, 1774: 384, Pl. 2. •Valid as *Polyodon spathula* (Walbaum 1792) -- (Lee et al. 1980:45 [ref.

22416], Smith 1986:50 [ref. 22186], Robison & Buchanan 1988:84 [ref. 23393], McAllister 1990:42 [ref. 14674], Tomelleri & Eberle 1990:17 [ref. 24089], Burkhead & Jenkins 1991:342 [ref. 21804], Grande & Bemis 1991:112 [ref. 19936], Page & Burr 1991:29 [ref. 18983], Bemis & Grande 1992 [ref. 21506], Boschung 1992:29 [ref. 23239], Etnier & Starnes 1993:104 [ref. 22809], Jenkins & Burkhead 1994:192 [ref. 21581], Warren et al. 1994:132 [ref. 25557], Knight & Hastings 1994:149 [ref. 25560], Stauffer et al. 1995:33 [ref. 23376], Cross & Collins 1995:27 [ref. 23394], Mettee et al. 1996:81 [ref. 25836], Reshetnikov et al. 1997:726 [ref. 24702], Bogutskaya & Sokolov 1998:23 [ref. 23572], Fuller et al. 1999:24 [ref. 25838], Lyons et al. 2000:21 [ref. 26594], Ross et al. 2001:80 [ref. 25978], Zhang 2001:42 [ref. 26586], Hanel 2003:47 [ref. 27894], Nelson et al. 2004:58 [ref. 27807], Bailey et al. 2004:62 [ref. 27882], Miller & Robison 2004:50 [ref. 27931], Boschung & Mayden 2004:111 [ref. 27995], Bogutskaya & Naseka 2004:27 [ref. 28183], Scharpf 2005:7 [ref. 28940], Kottelat & Freyhof 2007:60 [ref. 29996], Page & Burr 2011:140 [ref. 31215]). **Current status:** Valid as *Polyodon spathula* (Walbaum 1792). Polyodontidae. Distribution: North America; introduced elsewhere. Habitat: freshwater.

vittatus, Proceros Rafinesque [C. S.] 1820:87 [Ichthyologia Ohiensis, or natural history of the fishes inhabiting the river Ohio and its tributary streams,; ref. 3592] Lake Ontario, North America. No types known. •Synonym of *Polyodon spathula* (Walbaum 1792) -- (Smith 1986:51 [ref. 22186]). **Current status:** Synonym of *Polyodon spathula* (Walbaum 1792). Polyodontidae. Habitat: freshwater.

***Psephurus gladius* (Martens, 1862)**

angustifolium, Spatularia (Polyodon) Kaup [J. J.] 1862:278 [Archiv für Naturgeschichte v. 28 (pt 1); ref. 18375] Japanese Sea. •Synonym of *Psephurus gladius* (Martens 1862). **Current status:** Synonym of *Psephurus gladius* (Martens 1862). Polyodontidae. Habitat: freshwater.

gladius, Polyodon Martens [E. von] 1862:476 [Monatsberichte der Königlichen Preuss[ischen] Akademie der Wissenschaften zu Berlin v. for 1861; ref. 17603] Yangtze River, China. No types known. •Valid as *Psephurus gladius* (Martens 1862) -- (Liu & Zeng 1988:482 [ref. 6414], Grande & Bemis 1991:113 [ref. 19936], Ding 1994:34 [ref. 21531], Chen in Chen 1998:38 [ref. 23556], Yue & Chen 1998:21 [ref. 26415], Zhang 2001:40 [ref. 26586]). **Current status:** Valid as *Psephurus gladius* (Martens 1862). Polyodontidae. Distribution: China. Habitat: freshwater.

ANGUILLIFORMES

Anguillidae

***Anguilla anguilla* (Linnaeus, 1758)**

acutirostris, Anguilla Risso [A.] 1827:198 [Histoire naturelle des principales productions de l'Europe méridionale, ... v. 3; ref. 3757] Nice, Département des

Alpes-Maritimes, France, northwestern Mediterranean Sea. Holotype (unique): MNHN (not found). Type catalog: Bauchot et al. 1993:124 [ref. 20810]. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:220 [ref. 7185], Castle 1984:34 [ref. 6171], Smith 1990:151 [ref. 13454], Tesch 1991:389 [ref. 24843], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

aegyptiaca*, *Anguilla Kaup [J. J.] 1856:40 [Catalogue of the apodal fish in the collection of the British Museum.; ref. 2573] Nile River, Egypt. Syntypes: MNHN 0000-3772 (1), 0000-3773 (1). Type catalog: Bauchot et al. 1993:93 [ref. 20810]. Appeared first as name only in Kaup 1856:55 [ref. 2572]. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:221 [ref. 7185], Castle 1984:34 [ref. 6171], Smith 1990:152 [ref. 13454], Tesch 1991:389 [ref. 24843], Lévêque et al. 1991:133 [ref. 31367], Bauchot et al. 1993:93 [ref. 20810], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

altirostris*, *Anguilla Kaup [J. J.] 1856:37, Pl. 4 (fig. 24) [Catalogue of the apodal fish in the collection of the British Museum.; ref. 2573] Mouth of Seine River, France, La Manche/English Channel, northeastern Atlantic. Holotype (unique): MNHN 0000-3768. Type catalog: Bauchot et al. 1993:93 [ref. 20810]. Appeared first as name only in Kaup 1856:55 [ref. 2572]. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:221 [ref. 7185], Smith 1990:151 [ref. 13454], Tesch 1991:389 [ref. 24843], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

ancidda*, *Anguilla Kaup [J. J.] 1856:37, Pl. 4 (fig. 22) [Catalogue of the apodal fish in the collection of the British Museum.; ref. 2573] Sicily and Pergamont, Italy. Syntypes: MNHN 0000-3767 (1), 0000-3780 (1). Type catalog: Bauchot et al. 1993:93 [ref. 20810]. Appeared first as name only in Kaup 1856:55 [ref. 2572]. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:221 [ref. 7185], Smith 1990:151 [ref. 13454], Tesch 1991:389 [ref. 24843], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

anguilla*, *Muraena Linnaeus [C.] 1758:245 [Systema Naturae, Ed. X. v. 1; ref. 2787] Europe, Mediterranean Sea, Baltic Sea, northeastern Atlantic [original: "in Europa; maxima in lacu Cornachio Ferrariensi"]; localities include Sweden; England; Belgium; Germany; Poland; France; Ferrara and Rome, Italy; Lesbos Island, Greece; Syria. No types known. Originally spelled *angvilla*, also *angvilla* in Linnaeus 1766:426 [ref. 2786]. Neotype designated by Fricke 1999:19 [ref. 24101], but withdrawn in Fricke 2000:639 [ref. 24537]. Originally based on at least 34 pre-Linnaean sources including Artedi 1738:24 [ref. 30578], Artedi 1738:66 [ref. 30529] and Artedi 1738:39 [ref. 30349] as *Muræna unicolor*, *maxilla inferiore longiore*; Wootton 1552:148 [ref. 30584] as *Anguilla*, Rondelet 1555:198 [ref. 30378] as *Anguilla*, Salviani 1558:65, Pls. (p. 64, 66) [ref. 30229] as *Anguilla*, Charleton 1668:153 [ref. 30580] as *Anguilla*, Willughby 1686:109 [ref. 30164] and Ray 1713:37 [ref. 30231] as *Anguilla*. •Valid as *Anguilla anguilla* (Linnaeus 1758) -- (Ege 1939:90 [ref. 13172], Berg 1949:938 [ref. 20662], Blache et al. 1973:220 [ref. 7185], Dor 1984:26 [ref. 29757], Castle 1984:34 [ref. 6171], Bauchot in Whitehead et al. 1986:535 [ref. 13676], Okamura & Machida 1987:111 [ref. 22279], Lelek 1987:63 [ref. 22962], Scott & Scott 1988:79 [ref. 25518], McAllister 1990:46 [ref. 14674], Smith 1989:899 [ref. 13285], Smith 1990:151 [ref. 13454], Tesch 1991:389 [ref. 24843], Lévêque et al. 1991:133 [ref. 31367], Poll & Gosse 1995:83 [ref. 24781], Goren & Dor 1994:6 [ref. 25356], Coad 1995:7 [ref. 23608], Mrakovcic et al. 1995:183 [ref. 23079], Aoyama et al. 1996:374 [ref. 24707], Chereshev 1996:599 [ref. 24659], Coad 1996:84 [ref. 25304], Tagliavini et al.

1996:271 [ref. 25516], Bianco et al. 1996:55 [ref. 26724], Kottelat 1997:34 [ref. 22952], Santos et al. 1997:18 [ref. 23531], Arruda 1997:54 [ref. 24952], Reshetnikov et al. 1997:734 [ref. 24702], Bianco 1997:612 [ref. 26725], Reshetnikov 1998:54 [ref. 23570], Scott & Crossman 1998:624 [ref. 24570], Smith-Vaniz et al. 1999:128 [ref. 25013], Fricke 1999:18 [ref. 24101], Fuller et al. 1999:36 [ref. 25838], Azeroual et al. 2000:20 [ref. 25366], Huang et al. 2001:42 [ref. 25846], Bogutskaya et al. 2001:43 [ref. 26178], Bianco & Ketmaier 2001:194 [ref. 26728], Bilecenoglu et al. 2002:30 [ref. 26753], Dekker 2003:787 [ref. 27171], Hanel 2003:48 [ref. 27894], Seegers et al. 2003:30 [ref. 28087], Bogutskaya & Naseka 2004:28 [ref. 28183], Vassilev & Pehlivanov 2005:174 [ref. 28369], Hanel & Lusk 2005:182 [ref. 28804], Fricke 2007:25 [ref. 30577], Fricke et al. 2007:22 [ref. 29533], Kottelat & Freyhof 2007:61 [ref. 29996], Vasil'eva 2007:41 [ref. 30517], Ninua & Japoshvili 2008:164 [ref. 31251], Teng et al. 2009:817 [ref. 30569], Mecklenburg et al. 2011:117 [ref. 31212], Page & Burr 2011:146 [ref. 31215]). **Current status:** Valid as *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Distribution: Western and eastern Atlantic, Baltic Sea, North Sea, White Sea, Mediterranean Sea, Black Sea, Sea of Marmara: European seas and adjacent watersheds, spawning and larval migration routes to and from the western Atlantic. Habitat: freshwater, brackish, marine.

bibroni, *Anguilla* Kaup [J. J.] 1856:54 [Archiv für Naturgeschichte v. 22 (no. 1); ref. 2572] Sicily, Italy. Syntypes: MNHN 0000-3760 (1), 0000-3779 (3). Type catalog: Bauchot et al. 1993:93 [ref. 20810]. Also in Kaup 1856:33, Pl. 3 (fig. 16) [ref. 2573]. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:221 [ref. 7185], Smith 1990:152 [ref. 13454], Tesch 1991:389 [ref. 24843], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

brevirostris, *Anguilla* Cisternas [R.] 1877:108 [Anales de la Sociedad Española de Historia Natural, Madrid v. 6; ref. 14239] Valencia, Spain. No types known. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:221 [ref. 7185], Smith 1990:152 [ref. 13454], Tesch 1991:389 [ref. 24843], Kottelat 1997:36 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

brevirostris, *Leptocephalus* Kaup [J. J.] 1856:150, Pl. 18 (fig. 15) [Catalogue of the apodal fish in the collection of the British Museum.; ref. 2573] Messina, Sicily, Italy, Mediterranean Sea. Holotype: MNHN 0000-2901. Possible types: BMNH 1860.9.31.4 (1), ZMB 4742 (1) Messina. Type catalog: Bertin 1935:100 [ref. 21550], Bauchot et al. 1993:120 [ref. 20810]. Subjectively invalid; secondarily preoccupied in *Anguilla* by *Anguilla brevirostris* Cisternas 1877. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:221 [ref. 7185], Smith 1989:899 [ref. 13285], Smith 1990:152 [ref. 13454], Tesch 1991:390 [ref. 24843], Kottelat 1997:36 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

callensis, *Anguilla* Guichenot [A.] 1850:111, Pl. 7 (fig. 1) [Histoire naturelle des reptiles et poissons. Pp. i-iv + 1-144 + Atlas. In: Exploration scientifique de l'Algérie pendant les années 1840, 1841, 1842.; ref. 1940] La Calle, Algeria, western Mediterranean Sea. Syntypes: (10) MNHN 0000-3160 (5), 0000-3220 (1), 0000-3774 (4). Type catalog: Bauchot et al. 1993:93-94 [ref. 20810]. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:221 [ref. 7185], Castle 1984:34 [ref. 6171], Smith 1990:151 [ref. 13454], Tesch 1991:389 [ref. 24843], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

canariensis, *Anguilla* Valenciennes [A.] 1843:88, Pl. 20 (fig. 1) [Ichthyologie des îles Canaries, ou histoire naturelle des poissons rapportés par Webb & Berthelot. v.

2 (pt 2); ref. 4502] Teneriffe, Canary Islands. Lectotype: MNHN 0000-3783. Paralectotypes: MNHN 0000-3784 (3). Type catalog: Bauchot et al. 1993:94 [ref. 20810] as holotype and paratypes, but no type was established originally. Lectotype designated by Eschmeyer 1998:316 [ref. 23416]. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:220 [ref. 7185], Castle 1984:34 [ref. 6171], Smith 1990:151 [ref. 13454], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

capitone, Anguilla Kaup [J. J.] 1856:34, Pl. 3 (fig. 17) [Catalogue of the apodal fish in the collection of the British Museum.; ref. 2573] Naples, Italy, Mediterranean Sea. Holotype (unique): MNHN 0000-3762. Type catalog: Bauchot et al. 1993:94 [ref. 20810]. Appeared first without description in Kaup 1856:55 [ref. 2572]. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:221 [ref. 7185], Smith 1990:152 [ref. 13454], Tesch 1991:389 [ref. 24843], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

cloacina, Anguilla Bonaparte [C. L.] 1846:38 [Atti della Settima Adunanza degli Scienziati Italiani 7a Adunanza, Napoli, Pt. 2; ref. 519] France. No types known. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:220 [ref. 7185], Smith 1990:151 [ref. 13454], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

cuvieri, Anguilla Kaup [J. J.] 1856:54 [Archiv für Naturgeschichte v. 22 (no. 1); ref. 2572] Abbeville, France. Syntypes: MNHN 0000-3758 (2), 0000-3759 (7). Type catalog: Bauchot et al. 1993:94 [ref. 20810]. Also in Kaup 1856:33 [ref. 2573]. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Smith 1990:152 [ref. 13454], Tesch 1991:389 [ref. 24843], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

eurystoma, Anguilla Heckel [J. J.] & Kner [R.] 1858:325, Fig. 168 [Die Süßwasserfische der Österreichischen Monarchie mit Rücksicht auf die angränzenden Länder; ref. 2078] Dalmatia, Croatia, Adriatic Sea (Mediterranean Sea). Syntypes: (2) NMW 9284 (1). •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:221 [ref. 7185], Smith 1990:152 [ref. 13454], Tesch 1991:389 [ref. 24843], Kottelat 1997:36 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

fluviatilis, Anguilla Anslin [N.] 1828:226, Pl. 93 [Systematische Beschrijving der voor ons meest belangrijke visschen.; ref. 13455] •Unneeded new name for *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:220 [ref. 7185], Smith 1990:151 [ref. 13454], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

fluviatilis, Anguilla Gistel [J.] 1848:104 [Naturgeschichte des Thierreichs, für höhere Schulen.; ref. 1822] Der Gauzen Erde. No types known. Perhaps not an original description. •Synonym of *Anguilla anguilla* (Linnaeus 1758). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

fluviatilis, Anguilla vulgaris var. Rafinesque [C. S.] 1810:38 [Indice d'ittologia siciliana; ossia, catalogo metodico dei nomi latini, italiani, e siciliani dei pesci, ...;

ref. 3595] Not available, name only; from Sicily. •In the synonymy of *Anguilla anguilla* (Linnaeus 1758) -- (Tesch 1991:389 [ref. 24843], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

hibernica, Anguilla Couch [J.] 1865:328, Pl. 235 [The history of the fishes of the British islands. v. 4; ref. 18055] Liffey River, Dublin, Ireland. No types known. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:221 [ref. 7185], Smith 1990:152 [ref. 13454], Tesch 1991:389 [ref. 24843], Kottelat 1997:36 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

kieneri, Anguilla Kaup [J. J.] 1856:54 [Archiv für Naturgeschichte v. 22 (no. 1); ref. 2572] Toulon, France, northwestern Mediterranean Sea. Holotype: MNHN 0000-3757. Type information: Bauchot et al. 1993:95 [ref. 20810]. Also in Kaup 1856:22, Fig. 15 [ref. 2573]. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:221 [ref. 7185], Smith 1990:152 [ref. 13454], Tesch 1991:389 [ref. 24843], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

lacustus, Anguilla vulgaris var. Rafinesque [C. S.] 1810:38 [Indice d'ittiologia siciliana; ossia, catalogo metodico dei nomi latini, italiani, e siciliani dei pesci, ...; ref. 3595] Not available, name only; from Sicily. •In the synonymy of *Anguilla anguilla* (Linnaeus 1758) -- (Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

latirostris, Anguilla Risso [A.] 1827:199 [Histoire naturelle des principales productions de l'Europe méridionale, ... v. 3; ref. 3757] Nice, Département des Alpes-Maritimes, France, northwestern Mediterranean Sea. Holotype (unique): MNHN (not found). •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:220 [ref. 7185], Castle 1984:34 [ref. 6171], Smith 1990:151 [ref. 13454], Tesch 1991:389 [ref. 24843], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

linnei, Anguilla Malm [A. W.] 1877:590 [Göteborgs och Bohusläns fauna, Rygggradsdjuren.; ref. 2881] Original as *Linnéi*. Unneeded replacement name for *Muraena anguilla* Linnaeus 1758 (to avoid "Strickland tautonomy"). Locality Sweden. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Kottelat 1997:36 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

maculata, Muraena anguilla Nardo [G. D.] (ex Chiereghini) 1847:col. 115 [Sinonimia moderna delle specie registrate nell' opera intitolata: ...; ref. 17994] Objectively invalid, preoccupied by *Muraena maculata* Lacepède 1801. Not available, Chiereghini name mentioned in synonymy. Name also appeared in Ninni 1872:50 (not investigated). •In the synonymy of *Anguilla anguilla* (Linnaeus 1758) -- (Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

malgumora, Anguilla Kaup [J. J.] (ex Schlegel) 1856:42, Pl. 6 (fig. 30) [Catalogue of the apodal fish in the collection of the British Museum.; ref. 2573] Borneo [in error]. Holotype (unique): MNHN A-9954. Type catalog: Bauchot et al. 1993:95 [ref. 20810]. Appeared first as name only in Kaup 1856:55 [ref. 2572]. •Questionably a synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Ege 1939:90 [ref. 13172]). •Synonym of *Anguilla bicolor* McClelland 1844 -- (Menon 1999:6 [ref.

24904]). •Valid as *Anguilla malgumora* Kaup 1856 -- (Martin-Smith & Tan 1998:579 [ref. 23647], Smith 1999:1635 [ref. 24661], Teng et al. 2009:817 [ref. 30569]). **Current status:** Valid as *Anguilla malgumora* Kaup 1856. Anguillidae. Distribution: Southeastern Asia. Habitat: freshwater, brackish, marine.

marginata, Anguilla Kaup [J. J.] 1856:36, Pl. 4 (fig. 20) [Catalogue of the apodal fish in the collection of the British Museum.; ref. 2573] Valencia, Spain. Holotype (unique): MNHN 0000-3765. Type catalog: Bauchot et al. 1993:95 [ref. 20810]. Appeared first as name only in Kaup 1856:55 [ref. 2572]. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:221 [ref. 7185], Smith 1990:152 [ref. 13454], Tesch 1991:389 [ref. 24843], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

marina, Anguilla vulgaris var. Rafinesque [C. S.] 1810:38 [Indice d'ittologia siciliana; ossia, catalogo metodico dei nomi latini, italiani, e siciliani dei pesci, ...; ref. 3595] Not available, name only. •In the synonymy of *Anguilla anguilla* (Linnaeus 1758) -- (Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

mauritiana, Anguilla Bennett [E. T.] 1831:128 [Proceedings of the General Meetings for Scientific Business of the Zoological Society of London 1830-31 (pt 1); ref. 16794] Mauritius, Mascarenes, southwestern Indian Ocean. No types known. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Dor 1984:26 [ref. 29757]). •Synonym of *Anguilla marmorata* Quoy & Gaimard 1824 -- (Ege 1939:36 [ref. 13172], Okada 1961:592 [ref. 6363], Castle 1984:36 [ref. 6171], Castle 1986:161 [ref. 5644], Kuang & Yu in Kuang et al. 1986:28 [ref. 26639], Kuang in Pan et al. 1991:55 [ref. 23876], Kim 1997:540 [ref. 24032], Fricke 1999:37 [ref. 24106], Youn 2002:490 [ref. 26218], Fricke & Kulbicki 2006:316 [ref. 28867], Fricke et al. 2011:348 [ref. 31242]). •Synonym of *Anguilla bengalensis* (Gray 1831) -- (Menon 1999:5 [ref. 24904]). **Current status:** Synonym of *Anguilla marmorata* Quoy & Gaimard 1824. Anguillidae. Habitat: freshwater, brackish, marine.

mediorostris, Anguilla Risso [A.] 1827:199 [Histoire naturelle des principales productions de l'Europe méridionale, ... v. 3; ref. 3757] Nice, Département des Alpes-Maritimes, France, northwestern Mediterranean Sea. Holotype (unique): MNHN (not found). •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:220 [ref. 7185], Smith 1990:151 [ref. 13454], Tesch 1991:389 [ref. 24843], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

melanochir, Anguilla Kaup [J. J.] 1856:35, Pl. 4 (fig. 19) [Catalogue of the apodal fish in the collection of the British Museum.; ref. 2573] Tiber River, Italy. Holotype (unique): MNHN 0000-3764. Type catalog: Bauchot et al. 1993:96 [ref. 20810]. Appeared first as name only in Kaup 1856:55 [ref. 2572]. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:221 [ref. 7185], Smith 1990:152 [ref. 13454], Tesch 1991:389 [ref. 24843], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

microptera, Anguilla Kaup [J. J.] 1856:36, Pl. 4 (fig. 21) [Catalogue of the apodal fish in the collection of the British Museum.; ref. 2573] Bay of Algeciras, Spain, eastern Atlantic. Holotype (unique): MNHN 0000-3766. Type catalog: Bauchot et al. 1993:96 [ref. 20810]. Appeared first as name only in Kaup 1856:55 [ref. 2572]. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:221 [ref. 7185], Smith 1990:152 [ref. 13454], Tesch 1991:389 [ref. 24843], Kottelat

1997: 35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

migratoria, Anguilla Krøyer [H. N.] 1846:616 [Danmarks Fiske. v. 3; ref. 2693] Denmark. No types known. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:221 [ref. 7185], Smith 1990:151 [ref. 13454], Tesch 1991:389 [ref. 24843], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

morena, Anguilla Kaup [J. J.] 1856:35, Pl. 3 (fig. 18) [Catalogue of the apodal fish in the collection of the British Museum.; ref. 2573] Naples, Italy, Mediterranean Sea. Holotype (unique): MNHN 0000-3763. Type catalog: Bauchot et al. 1993:96 [ref. 20810]. Appeared first as name only in Kaup 1856:55 [ref. 2572]. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:221 [ref. 7185], Smith 1990:152 [ref. 13454], Tesch 1991:389 [ref. 24843], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

mucrocephala, Anguilla vulgaris var. de la Pylaie [A. J. M. baron B.] 1835:529 [Congrès Scientifique de France v. 2, Poitiers [1834]; ref. 1086] Typed as *mucrocephala* in hand-typed copy taken from original in CAS files; original not seen. Appeared as a variety of "L'Anguille ordinaire..." Not available, not distinguished from other forms. •In the synonymy of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:220 [ref. 7185], Smith 1990:151 [ref. 13454], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

nilotica, Anguilla Heckel [J. J.] 1847:313 [Ichthyologie. In: Russegger, J. von: Reisen in Europa, Asien und Africa, ... v. 2 (pt 3); ref. 2068] Nile River, Egypt, North Africa. Syntypes: MNHN 0000-3769 to 0000-3771 (1, 1, 1). Type catalog: Bauchot et al. 1993:96 [ref. 20810] but with authorship as Kaup 1857. •Synonym of *Anguilla anguilla* (Linnaeus 1758) [sometimes with authorship as Kaup 1856 or 1857] -- (Blache et al. 1973:221 [ref. 7185], Castle 1984:34 [ref. 6171], Smith 1990:152 [ref. 13454], Tesch 1991:389 [ref. 24843], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

oblongirostris, Anguilla Blanchard [C. E.] 1866:496 [Les poissons des eaux douces de la France.; ref. 310] Huveaune stream, near Marseille, France; Lot river; Lake Bourget, France. Syntypes: MNHN 1880-0343 (5), 9985 (1). Type catalog: Bauchot et al. 1993:96 [ref. 20810]. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:221 [ref. 7185], Smith 1990:152 [ref. 13454], Tesch 1991:389 [ref. 24843], Kottelat 1997:36 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

ornithorincha, Anguilla var. de la Pylaie [A. J. M. baron B.] 1835:529 [Congrès Scientifique de France v. 2, Poitiers [1834]; ref. 1086] Appeared as a variety of "L'Anguille ordinaire..." = *vulgaris*. Not available, not distinguished from other forms. •In the synonymy of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:220 [ref. 7185], Smith 1990:151 [ref. 13454], Tesch 1991:390 [ref. 24843] as *ornithorhyncha*, Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae.

oxycephala, Anguilla var. de la Pylaie [A. J. M. baron B.] 1835:529 [Congrès Scientifique de France v. 2, Poitiers [1834]; ref. 1086] Appeared as a variety of "L'Anguille ordinaire..." = *vulgaris*. Not available, not distinguished from other

forms. •In the synonymy of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:220 [ref. 7185], Tesch 1991:390 [ref. 24843], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

oxyrhina, Muraena Ekström [C. U.] 1831:287 [Kungliga Svenska Vetenskapsakademiens handlingar.; ref. 13467] Mörkö Island, near Stockholm, Sweden. No types known. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:220 [ref. 7185], Smith 1990:151 [ref. 13454], Tesch 1991:390 [ref. 24843], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

platycephala, Anguilla Kaup [J. J.] 1856:38, Pl. 5 (fig. 25) [Catalogue of the apodal fish in the collection of the British Museum.; ref. 2573] Abbeville, France. Syntypes: MNHN 0000-3210 (1), 0000-5707 (now 4). Type catalog: Bauchot et al. 1993:97 [ref. 20810] with 3210 as holotype. Appeared first as name only in Kaup 1856:55 [ref. 2572]. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:221 [ref. 7185], Smith 1990:152 [ref. 13454], Tesch 1991:389 [ref. 24843] as *platycephalo*, Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

platyrhina, Muraena Ekström [C. U.] 1831:287 [Kungliga Svenska Vetenskapsakademiens handlingar.; ref. 13467] Mörkö Island, near Stockholm, Sweden. No types known. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:220 [ref. 7185], Smith 1990:151 [ref. 13454], Tesch 1991:390 [ref. 24843], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

platyrhynchus, Anguilla Costa [O. G.] 1850:Anguilla p. 50, Pls. 58, 60 (figs. 3a, 3b) [Fauna del regno di Napoli, ossia enumerazione di tutti gli animali che abitano le diverse regioni di questo regno e le acque che le bagnano, etc. Part 1; ref. 976] Lake Ligola, Italy. Syntypes: whereabouts unknown. Published 10 July 1850. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:221 [ref. 7185], Smith 1990:151 [ref. 13454], Tesch 1991:389 [ref. 24843], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

platyura, Anguilla var. de la Pylaie [A. J. M. baron B.] 1835:529 [Congrès Scientifique de France v. 2, Poitiers [1834]; ref. 1086] Appeared as a variety of "L'Anguille ordinaire..." = *vulgaris*. Not available, not distinguished from other forms. •In the synonymy of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:220 [ref. 7185], Smith 1990:151 [ref. 13454], Tesch 1991:390 [ref. 24843], Kottelat 1997:35 [ref. 22952]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

rostrata, Muraena Lesueur [C. A.] 1817:81 [Journal of the Academy of Natural Sciences, Philadelphia v. 1 (pt 1, no. 5); ref. 17509] Cayuga and Geneva lakes, New York, U.S.A. No types known. See Smith 1989:35 [ref. 13285] for nomenclatural discussion. •Synonym of *Anguilla anguilla* (Linnaeus 1758), but a valid subspecies -- (Chereshnev 1996:599 [ref. 24659]). •Valid as *Anguilla rostrata* (Lesueur 1817) -- (Ege 1939:89 [ref. 13172], Lee et al. 1980:59 [ref. 22416], Smith 1986:59 [ref. 22186], Robins & Ray 1986:49 [ref. 23100], Bussing 1987:64 [ref. 22927], Robison & Buchanan 1988:102 [ref. 23393], Scott & Scott 1988:75 [ref. 25518], Smith 1989:34, 898 [ref. 13285], McAllister 1990:46 [ref. 14674], Tomelleri & Eberle 1990:33 [ref. 24089], Page & Burr 1991:32 [ref. 18983], Cervigón 1991:28 [ref. 24472], Boschung 1992:31 [ref. 23239], Cervigón

1992:254 [ref. [23827](#)], Espinosa Pérez et al. 1993:8 [ref. [22290](#)], Etnier & Starnes 1993:119 [ref. [22809](#)], Jenkins & Burkhead 1994:203 [ref. [21581](#)], Warren et al. 1994:132 [ref. [25557](#)], Knight & Hastings 1994:149 [ref. [25560](#)], Stauffer et al. 1995:44 [ref. [23376](#)], Cross & Collins 1995:39 [ref. [23394](#)], Tagliavini et al. 1996:271 [ref. [25516](#)], Aoyama et al. 1996:374 [ref. [24707](#)], Mettee et al. 1996:111 [ref. [25836](#)], Greenfield & Thomerson 1997:53 [ref. [22947](#)], Murdy et al. 1997:62 [ref. [23144](#)], McEachran & Fechhelm 1998:222 [ref. [23897](#)], Bussing 1998:64 [ref. [24179](#)], Aguilera 1998:46 [ref. [24221](#)], Scott & Crossman 1998:624 [ref. [24570](#)], Castro-Aguirre et al. 1999:95 [ref. [24550](#)], Smith-Vaniz et al. 1999:128 [ref. [25013](#)], Fuller et al. 1999:37 [ref. [25838](#)], Lyons et al. 2000:21 [ref. [26594](#)], Schmitter-Soto et al. 2000:147 [ref. [27754](#)], Huang et al. 2001:42 [ref. [25846](#)], Ross et al. 2001:99 [ref. [25978](#)], Smith & Tighe in Collette & Klein-MacPhee 2002:93 [ref. [26158](#)], Lim et al. 2002:64 [ref. [28310](#)], Ferraris in Reis et al. 2003:33 [ref. [27061](#)], Smith 2003:692 [ref. [26989](#)], Nelson et al. 2004:60 [ref. [27807](#)], Bailey et al. 2004:67 [ref. [27882](#)], Miller & Robison 2004:64 [ref. [27931](#)], Boschung & Mayden 2004:129 [ref. [27995](#)], Scharpf 2005:9 [ref. [28940](#)], Miller 2006:87 [ref. [28615](#)], Teng et al. 2009:817 [ref. [30569](#)], Minckley & Marsh 2009:70 [ref. [31114](#)], Matamoros et al. 2009:7 [ref. [31241](#)], Møller et al. 2010:20 [ref. [31169](#)], Mecklenburg et al. 2011:117 [ref. [31212](#)], Page & Burr 2011:146 [ref. [31215](#)]). **Current status:** Valid as *Anguilla rostrata* (Lesueur 1817). Anguillidae. Distribution: Western Atlantic north to Newfoundland and Greenland; North, Central and South America; West Indies and in Atlantic and Caribbean draining rivers. Habitat: freshwater, brackish, marine.

savignyi, Anguilla Kaup [J. J.] 1856:55 [Archiv für Naturgeschichte v. 22 (no. 1); ref. [2572](#)] [Napoli] Naples, Italy, Mediterranean Sea. Holotype: MNHN 0000-3131 [?3731]. Type catalog: Bauchot et al. 1993:97 [ref. [20810](#)]. Also in Kaup 1856:34 [ref. [2573](#)]. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:221 [ref. [7185](#)], Smith 1990:152 [ref. [13454](#)], Tesch 1991:390 [ref. [24843](#)], Kottelat 1997:35 [ref. [22952](#)]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

septembrina, Anguilla Bonaparte [C. L.] 1846:38 [Atti della Settima Adunanza degli Scienziati Italiani 7a Adunanza, Napoli, Pt. 2; ref. [519](#)] Not available, no distinguishing features. •In the synonymy of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:221 [ref. [7185](#)], Smith 1990:151 [ref. [13454](#)], Tesch 1991:390 [ref. [24843](#)], Kottelat 1997:35 [ref. [22952](#)]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

vulgaris, Anguilla Shaw [G.] 1803:15 [General zoology or systematic natural history ... Pisces. v. 4; ref. [4014](#)] No locality. No types known. Neotype designated by Fricke 1999:18 [ref. [24101](#)], but withdrawn in Fricke 2000:639 [ref. [24537](#)]. Based in part on *Muraena anguilla* Linnaeus 1758. •Synonym of *Anguilla anguilla* (Linnaeus 1758) -- (Blache et al. 1973:220 [ref. [7185](#)], Castle 1984:34 [ref. [6171](#)], Smith 1990:151 [ref. [13454](#)], Lévêque et al. 1991:133 [ref. [31367](#)], Kottelat 1997:35 [ref. [22952](#)], Fricke 1999:18 [ref. [24101](#)], Bilecenoglu et al. 2002:30 [ref. [26753](#)], Zhang et al. 2010:177 [ref. [31511](#)]). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

vulgaris, Anguilla Rafinesque [C. S.] 1810:37 [Indice d'ittologia siciliana; ossia, catalogo metodico dei nomi latini, italiani, e siciliani dei pesci, ...; ref. [3595](#)] Sicily, Italy, Mediterranean Sea. New name for *Muraena anguilla* Linnaeus 1758. •Synonym of *Anguilla anguilla* (Linnaeus 1758). **Current status:** Synonym of *Anguilla anguilla* (Linnaeus 1758). Anguillidae. Habitat: freshwater, brackish, marine.

CYPRINIFORMES

Catostomidae

Chasmistes cujus Cope, 1883

cujus*, *Chasmistes Cope [E. D.] 1883:149 [Proceedings of the Academy of Natural Sciences of Philadelphia v. 35; ref. 951] Pyramid Lake, Washoe County, Nevada, U.S.A. Holotype (unique): ANSP 20523. Type catalog: Böhlke 1984:35 [ref. 13621], Gilbert 1998:179 [ref. 23395]. •Valid as *Chasmistes cujus* Cope 1883 -- (Lee et al. 1980:394 [ref. 22416], Page & Burr 1991:168 [ref. 18983], La Rivers 1994:363 [ref. 23389], Gilbert 1998:179 [ref. 23395], Nelson et al. 2004:79 [ref. 27807], Scharpf 2006:8 [ref. 30386], Page & Burr 2011:306 [ref. 31215]). **Current status:** Valid as *Chasmistes cujus* Cope 1883. Catostomidae. Distribution: Nevada, U.S.A. Habitat: freshwater.

Cyprinidae

Caecobarbus geertsii Boulenger, 1921

geertsii*, *Caecobarbus Boulenger [G. A.] 1921:252, Fig. [Revue Zoologique Africaine v. 9 (pt 3); ref. 588] Grotto at Thysville, tributary of Kwilu River, itself a tributary to lower Congo River, Democratic Republic of Congo, 5°15'S, 14°52'E, elevation 700 meters. Syntypes: (4) BMNH (1), MRAC 14610-12 (3). •Valid as *Caecobarbus geertsii* Boulenger 1921 -- (Lévêque & Daget 1984:298 [ref. 6186], Poll & Gosse 1995:159 [ref. 24781], Romero & Paulson 2001:16 [ref. 26040], Proudlove & Romero 2001:238 [ref. 26396], Proudlove 2006:57 [ref. 28992]). **Current status:** Valid as *Caecobarbus geertsii* Boulenger 1921. Cyprinidae: No subfamily (Cyprinidae). Distribution: Congo River system, Central Africa. Habitat: freshwater.

Probarbus jullieni Sauvage, 1880

jullieni*, *Cyclocheilichthys Sauvage [H. E.] 1880:230 [20] [Bulletin de la Société philomathique de Paris (7th Série) v. 4; ref. 3889] Laos. Neotype: MNHN 0000-9647. Syntypes: MNHN (2) lost. On p. 20 of separate. Neotype designated by Kottelat 2000:86 [ref. 25486]. •Tentatively a synonym of *Probarbus jullieni* (Sauvage 1880) [p. 232] -- (Kottelat 1984:801 [ref. 11440], Rainboth 1996:83 [ref. 22772]). •Objective synonym of *Probarbus jullinei* (Sauvage 1880) [p. 232] after neotype designation -- (Kottelat 2000:85 [ref. 25486]). **Current status:** Synonym of *Probarbus jullieni* (Sauvage 1880). Cyprinidae: No subfamily (Cyprinidae). Habitat: freshwater, brackish.

jullieni*, *Probarbus Sauvage [H. E.] 1880:232 [22] [Bulletin de la Société philomathique de Paris (7th Série) v. 4; ref. 3889] Laos. Lectotype: MNHN 0000-9647 (1 of 2, 268 mm SL). Paralectotypes: MNHN 0000-9647 (1 of 2), A-4453 (1),

A-6261 (1). Type catalog: Bertin & Estève 1948:21 [ref. 19574]. Lectotype designated by Kottelat 1984:804 [ref. 11440]. On p. 22 of separate. •Valid as *Probarbus jullieni* Sauvage 1880 -- (Kottelat 1984:804 [ref. 11440], Roberts 1992:41 [ref. 14387], Rainboth 1996:83 [ref. 22772], Doi 1997:10 [ref. 22832], Kottelat 2001:71 [ref. 25780]). **Current status:** Valid as *Probarbus jullieni* Sauvage 1880. Cyprinidae: No subfamily (Cyprinidae). Distribution: Southeastern Asia. Habitat: freshwater, brackish.

pahangensis*, *Barbus Duncker [G.] 1904:179, Pl. 1 (fig. 4) [Mitteilungen aus dem Naturhistorischen (Zoologischen) Museum in Hamburg v. 21; ref. 5560] Pahang River above Kuala Kitchal, 88-120 kilometers above river mouth, Pahang, Malaysia. Lectotype: ZMH H362. Paralectotypes: BMNH 1905.5.6.11-13 [ex SSMKL] (3), ZMA 103213 (2), ZMH H363 (7), ZRC 914 (1). Type catalog: Ladiges et al. 1958:158 [ref. 19181], Alfred 1963:165 [ref. 20555], Alfred 1970:70 [ref. 23931], Nijssen et al. 1982:27 [ref. 19236], Wilkens & Dohse 1993:402 [ref. 21161] as syntypes. Lectotype designated by Ladiges et al. 1958:158 [ref. 19181]. •Synonym of *Probarbus jullieni* Sauvage 1880 -- (Roberts 1992:41 [ref. 14387]). **Current status:** Synonym of *Probarbus jullieni* Sauvage 1880. Cyprinidae: No subfamily (Cyprinidae). Habitat: freshwater, brackish.

OSTEOGLOSSIFORMES

Arapaimidae

***Arapaima gigas* (Cuvier, 1829)**

agassizii*, *Vastres Valenciennes [A.] in Cuvier & Valenciennes 1847:456 [Histoire naturelle des poissons. v. 19; ref. 4883] Brazil. No types known. •Synonym of *Arapaima gigas* (Schinz 1822) -- (Ferraris in Reis et al. 2003:31 [ref. 27061]). **Current status:** Synonym of *Arapaima gigas* (Schinz 1822). Arapaimidae. Habitat: freshwater.

arapaima*, *Vastres Valenciennes [A.] In Cuvier & Valenciennes 1847:461 [Histoire naturelle des poissons. v. 19; ref. 4883] Rupununi River, South America. No types known. Based on the description of *Sudis gigas* in Jardine (1841). •Synonym of *Arapaima gigas* (Schinz 1822) -- (Ferraris in Reis et al. 2003:31 [ref. 27061]). **Current status:** Synonym of *Arapaima gigas* (Schinz 1822). Arapaimidae. Habitat: freshwater.

cuvieri*, *Vastres Valenciennes [A.] in Cuvier & Valenciennes 1847:441, Pls. 579-580 [not 545-546] [Histoire naturelle des poissons. v. 19; ref. 4883] Pará, Brazil. •Synonym of *Arapaima gigas* (Schinz 1822) -- (Ferraris in Reis et al. 2003:31 [ref. 27061]). **Current status:** Synonym of *Arapaima gigas* (Schinz 1822). Arapaimidae. Habitat: freshwater.

gigas*, *Sudis Schinz [H. R.] (ex Cuvier) 1822:305 [Das Tierreich eingetheilt nach dem Bau der Thiere als Grundlage ihrer Naturgeschichte und der vergleichenden Anatomie. v. 2; ref. 3926] Brazil. Holotype: MNHN A-8837. Based on Cuvier, Regne Animal, pl. X. •Valid as *Clupisudis gigas* (Schinz 1822) -- (Daget 1968:1058 [ref. 26392] with author as Schinz in Cuvier). •Valid as *Arapaima gigas* (Schinz 1822) -- (Ortega & Vari 1986:6 [ref. 9708], Lundberg & Chernoff 1992:2 [ref. 25493], Ferraris in Reis et al. 2003:31 [ref. 27061]). **Current status:** Valid as *Arapaima*

gigas (Schinz 1822). Arapaimidae. Distribution: Amazon River basin, South America. Habitat: freshwater.

gigas, Sudis Cuvier [G.] 1829: 328 [Le Règne Animal, distribué d'après son organisation, pour servir de base à l'histoire naturelle des animaux et d'introduction à l'anatomie comparée. Edition 2. v. 2; ref. 995] Brazil. Holotype (unique): MNHN A-8837 (dry). Type catalog: Bertin 1940: 271 [ref. 293]. As "*Sudis gigas*, n. S. *pirarucu*, Spix, xvi." See *Sudis gigas* Schinz 1822. •Valid as *Arapaima gigas* (Cuvier 1829) -- (Neves 1998: 33 [ref. 24993], Chen 2002: 292 [ref. 26587]). •Should be a synonym of *Arapaima gigas* (Schinz 1822). **Current status:** Synonym of *Arapaima gigas* (Schinz 1822). Arapaimidae. Distribution: Amazon River basin: Brazil, Colombia, Ecuador, Guyana (?) and Peru. Habitat: freshwater.

mapae, Vastres Valenciennes [A.] in Cuvier & Valenciennes 1847: 449, Pls. 581-582 [not 547-548] [Histoire naturelle des poissons. v. 19; ref. 4883] Lago Mapa, near frontier of Guyana. Holotype: MNHN A-8836 (mounted). Type catalog: Bertin 1940: 271 [ref. 293]. •Synonym of *Arapaima gigas* (Schinz 1822) -- (Ferraris in Reis et al. 2003: 31 [ref. 27061]). **Current status:** Synonym of *Arapaima gigas* (Schinz 1822). Arapaimidae. Habitat: freshwater.

pirarucu, Sudis Spix [J. B. von] & Agassiz [L.] 1829: 31, Pl. 6 [Selecta genera et species piscium quos in itinere per Brasiliam annos MDCCCXVII-MDCCCXX jussu et auspiciis Maximiliani Josephi I.... colleget et pingendo curavit Dr J. B. de Spix....; ref. 13] Not available, first published in the synonymy of *Sudis gigas* Cuvier; from Brazil. Name first mentioned in Cuvier 1829 [ref. 995] as name only. •In the synonymy of *Arapaima gigas* (Schinz 1822) -- (Ferraris in Reis et al. 2003: 31 [ref. 27061]). **Current status:** Synonym of *Arapaima gigas* (Schinz 1822). Arapaimidae.

Osteoglossidae

***Scleropages formosus* (Müller & Schlegel, 1844)¹**

aureus, Scleropages Pouyaud [L.], Sudarto [no initial] & Teugels [G. G.] 2003: 298, Figs. 10, 11A-B [Cybium v. 27 (no. 4); ref. 27527] Pekanbaru market, wild specimen from Siak River, Sumatra, Indonesia. Holotype: MZB 11906. Paratypes: MZB 11907-11 (5) •Valid as *Scleropages aureus* Pouyaud, Sudarto & Teugels 2003. •See Kottelat & Widjanarti 2005: 145 [ref. 28284]. **Current status:** Valid as *Scleropages aureus* Pouyaud, Sudarto & Teugels 2003. Osteoglossidae. Distribution: Indonesia. Habitat: freshwater.²

formosum, Osteoglossum Müller [S.] & Schlegel [H.] 1844: 7, Pl. 1 [Verhandelingen over de natuurlijke geschiedenis der Nedertaldische overzeesche bezittingen / door de Leden der Natuurkundige Commissie in Indië en andere schrijvers; uitgegeven ... door C. J. Temminck No. 2; ref. 19739] Barito River, near Buntok, Central Kalimantan [Borneo], Indonesia. Neotype: MZB 11887. Authorship sometimes see as Schlegel & Müller in Müller & Schlegel. •Valid as *Scleropages formosus* (Müller & Schlegel 1844) -- (Roberts 1989: 23 [ref. 6439], Lim et al.

¹ The recognition of *Scleropages aureus*, *S. legendrei* and *S. macrocephalus* as separate valid species has not been adopted under CITES where they are still considered to be a part of *Scleropages formosus*.

² Under CITES still considered to be a part of *Scleropages formosus*.

1990: 34 [ref. 16753], Kottelat et al. 1993: 3 [ref. 23448], Kottelat & Lim 1995: 228 [ref. 23210], Rainboth 1996: 55 [ref. 22772], Ng & Tan 1999: 352 [ref. 24159], Allen et al. 2002: 57 [ref. 25930], Chen 2002: 290 [ref. 26587], Pouyaud et al. 2003: 294 [ref. 27527], Kottelat & Widjanarti 2005: 145 [ref. 28284], Parenti & Lim 2005: 178 [ref. 28285]). **Current status:** Valid as *Scleropages formosus* (Müller & Schlegel 1844). Osteoglossidae. Distribution: Southeastern Asia. Habitat: freshwater.

legendrei, *Scleropages* Pouyaud [L.], Sudarto [no initial] & Teugels [G. G.] 2003: 300, Fig. 12, 13 A-C [Cybium v. 27 (no. 4); ref. 27527] Semitau, area of Sentarum Lake, West Borneo, Indonesia Holotype: MZB 11912. Paratypes: MZB 11913 (1), 11914-15 (2), 11916-17 (2). •Valid as *Scleropages legendrei* Pouyaud, Sudarto & Teugels 2003 -- (Parenti & Lim 2005: 178 [ref. 28285]). •See Kottelat & Widjanarti 2005: 145 [ref. 28284]. **Current status:** Valid as *Scleropages legendrei* Pouyaud, Sudarto & Teugels 2003. Osteoglossidae. Distribution: Small forested lakes bordering Sentarum Lake in upper part of Kapuas River, West Borneo, Indonesia. Habitat: freshwater.³

macrocephalus, *Scleropages* Pouyaud [L.], Sudarto [no initial] & Teugels [G. G.] 2003: 296, Figs. 8, 9A-B [Cybium v. 27 (no. 4); ref. 27527] Nango Pinoh market, wild specimen from Melawi River, West Kalimantan [Borneo], Indonesia. Holotype: MCZ 11989. Paratypes: MZB 11899 (1), 11900-02 (3), 11903-05 (3). •Valid as *Scleropages macrocephalus* Pouyaud, Sudarto & Teugels 2003 -- (Parenti & Lim 2005: 178 [ref. 28285]). •See Kottelat & Widjanarti 2005: 145 [ref. 28284]. **Current status:** Valid as *Scleropages macrocephalus* Pouyaud, Sudarto & Teugels 2003. Osteoglossidae. Distribution: Barito River and West Borneo. Habitat: freshwater.⁴

PERCIFORMES

Labridae

***Cheilinus undulatus* Rüppel, 1835**

godeffroyi, *Chilinus* Günther [A.] 1872: 666, Pl. 66 [Proceedings of the General Meetings for Scientific Business of the Zoological Society of London 1871 (pt 3); ref. 1997] Tonga Islands. Holotype (unique): BMNH 1871.9.13.96. Original genus should have been *Cheilinus*. •Synonym of *Cheilinus undulatus* Rüppel 1835 -- (Parenti & Randall 2000: 9 [ref. 24943], Parenti & Randall 2000: 58 [ref. 24943]). **Current status:** Synonym of *Cheilinus undulatus* Rüppel 1835. Labridae. Habitat: marine.

mertensii, *Cheilinus* Valenciennes [A.] in Cuvier & Valenciennes 1840: 102 [Histoire naturelle des poissons. v. 14; ref. 4882] Guam, Mariana Islands, western Pacific. No types known. Type catalog: Bauchot 1963: 18 [ref. 19171]. Based on a drawing. •Synonym of *Cheilinus undulatus* Rüppel 1835 -- (Parenti & Randall 2000: 9 [ref. 24943]). **Current status:** Synonym of *Cheilinus undulatus* Rüppel 1835. Labridae. Habitat: marine.

³ Under CITES still considered to be a part of *Scleropages formosus*.

⁴ Under CITES still considered to be a part of *Scleropages formosus*.

rostratus, Cheilinus Cartier [O.] 1874:103 [Verhandlungen der Physikalisch-medizinischen Gesellschaft zu Würzburg, N. S. v. 5; ref. 17974] Cebu, Philippines. Syntypes: (2) whereabouts unknown. •Synonym of *Oxycheilinus celebicus* (Bleeker 1853). •Synonym of *Cheilinus undulatus* Rüppell 1835 -- (Parenti & Randall 2000:9 [ref. 24943]). **Current status:** Synonym of *Cheilinus undulatus* Rüppell 1835. Labridae. Habitat: marine.

undulatus, Cheilinus Rüppell [W. P. E. S.] 1835:20, Pl. 6 (fig. 2) [Fische des Rothen Meeres. Frankfurt-am-Main.; ref. 3844] Jeddah, Saudi Arabia, Red Sea. Holotype (unique): SMF 2733. •Valid as *Cheilinus undulatus* Rüppell 1835 -- (Dor 1984:199 [ref. 29757], Yamakawa in Masuda et al. 1984:213 [ref. 6441], Randall 1986:690 [ref. 5706], Winterbottom et al. 1989:52 [ref. 13251], Randall et al. 1990:304 [ref. 15987], Goren & Dor 1994:53 [ref. 25356], Mohsin & Ambak 1996:477 [ref. 27969], Allen 1997:180 [ref. 23977], Randall et al. 1997:304 [ref. 25919], Myers 1999:190 [ref. 23965], Fricke 1999:403 [ref. 24106], Randall 1999:21 [ref. 25829], Parenti & Randall 2000:9 [ref. 24943], Westneat in Randall & Lim 2000:628 [ref. 25122], Nakabo 2000:1007 [ref. 25182], Laboute & Grandperrin 2000:353 [ref. 25191], Sadovy & Cornish 2000:200 [ref. 25480], Allen 2000:112 [ref. 25868], Hutchins 2001:268 [ref. 25841], Hutchins 2001:39 [ref. 25847], Westneat 2001:3416 [ref. 26277], Nakabo 2002:1007 [ref. 26193], Allen & Adrim 2003:48 [ref. 26830], Manilo & Bogorodsky 2003:S114 [ref. 27377], Myers & Donaldson 2003:634 [ref. 27495], Lobel & Lobel 2004:73 [ref. 27576], Randall et al. 2004:21 [ref. 27624], Randall 2005:398 [ref. 28239], Mundy 2005:434 [ref. 28379], Allen et al. 2006:1377 [ref. 29095], Randall 2007:324 [ref. 30952], Fricke et al. 2009:84 [ref. 30213], Motomura et al. 2010:161 [ref. 31256]). **Current status:** Valid as *Cheilinus undulatus* Rüppell 1835. Labridae. Distribution: Red Sea, Indo-West Pacific: East Africa, Madagascar and Mascarenes east to Tuamotu Archipelago, north to Ryukyu Islands and southern Japan, south to New Caledonia; waifs at Hawaiian Islands. Habitat: marine.

Sciaenidae

Totoaba macdonaldi (Gilbert, 1890)

macdonaldi, Cynoscion Gilbert [C. H.] 1890:64 [Proceedings of the United States National Museum v. 13 (no. 797); ref. 1623] Eastern shore of Gulf of California and near the mouth of Colorado River, northern Gulf of California, Mexico. Syntypes: USNM 43082 (1). •Valid as *Totoaba macdonaldi* (Gilbert 1890) -- (Allen & Robertson 1994:169 [ref. 22193], Chao in Fischer et al. 1995:1511 [ref. 22830], Castro-Aguirre et al. 1999:358 [ref. 24550], Fuller et al. 1999:410 [ref. 25838], Musick 2000:18 [ref. 24959], Thomson et al. 2000:293 [ref. 25640], Chao 2002:8 [ref. 26250], Nelson et al. 2004:148 [ref. 27807], Minckley & Marsh 2009:303 [ref. 31114]). **Current status:** Valid as *Totoaba macdonaldi* (Gilbert 1890). Sciaenidae. Distribution: Eastern Pacific: Sea of Cortez, Mexico. Habitat: brackish, marine.

SILURIFORMES

Pangasiidae

***Pangasianodon gigas* Chevey, 1931**

gigas*, *Pangasianodon Chevey [P.] 1931:538, Figs. 1-2 [Bulletin de la Société Zoologique de France v. 55 (no. 7) (1930); ref. 830] Laos [original locality: Mekong River system, Pnom-Penh, Cambodia]. Neotype: MNHN A-8832 (dry). Type catalog: Ferraris 2007:325 [ref. 29155]. Neotype selected by Gustiano 2003:56 [ref. 31337]. •Valid as *Pangasius gigas* (Chevey 1931) -- (Roberts & Vidthayanon 1991:116 [ref. 19239], Pouyaud et al. 1999:249 [ref. 24245], Pouyaud & Teugels 2000:197 [ref. 25066]). •Valid as *Pangasianodon gigas* Chevey 1931 -- (Burgess 1989:105 [ref. 12860], Rainboth 1996:153 [ref. 22772], Kottelat 2001:130 [ref. 25780], Hogan et al. 2001:269 [ref. 26208], Gustiano 2003:55 [ref. 31337], Hogan et al. 2004:228 [ref. 27683], Ferraris 2007:325 [ref. 29155]). **Current status:** Valid as *Pangasianodon gigas* Chevey 1931. Pangasiidae. Distribution: Mekong River basin, southeastern Asia; stocked in various reservoirs in Thailand. Habitat: freshwater.

paucidens*, *Pangasius Fang [P.-W.] & Chaux [J.] in Chaux & Fang 1949:344, Fig. 6 [Bulletin du Muséum National d'Histoire Naturelle (Série 2) v. 21 (no. 3); ref. 18875] Cambodia. Holotype (unique): MNHN 1966-0730. Type catalog: Ferraris 2007:325 [ref. 29155]. •Mention -- (Kottelat 1984:815 [ref. 11440]). •Synonym of *Pangasius gigas* (Chevey 1931) -- (Roberts & Vidthayanon 1991:116 [ref. 19239]). •Synonym of *Pangasianodon gigas* Chevey 1931 -- (Gustiano 2003:55 [ref. 31337], Ferraris 2007:325 [ref. 29155]). **Current status:** Synonym of *Pangasianodon gigas* Chevey 1931. Pangasiidae. Habitat: freshwater.
