

**FAMILY *Petromyzontidae*** Bonaparte, 1831

[=*Cyclostomes*, *Lampredini*, *Suceurs*, *Auloedibranchia*, *Les Petromyzides*, *Petromyzonidae*,  
*Ammocaetini*, *Lampetrinae*, *Entospheninae*]

Notes: *Cyclostomes* Duméril, 1805:100 [ref. 1151] (family)? *Petromyzon* [latinized to *Cyclostomia* by Rafinesque 1815:94 [ref. 3584]; latinized to *Cyclostomata* by Goldfuss 1820:X, 106 [ref. 1829], by Schinz 1822:204 [ref. 3926] and by Richardson 1836:292 [ref. 3731]; latinized to *Cyclostomi* by Jarocki 1822:426, [ref. 4984] and by Eichwald 1831:57 [ref. 5562]; no stem of the type genus, not available, Article 11.7.1.1]

*Lampredini* Rafinesque, 1810b:49 [ref. 3595] (ordine) “Lampreda” [published not in latinized form before 1900; not available, Article 11.7.2]

*Suceurs* Cuvier, 1816:116 [ref. 993] (family) *Petromyzon* [latinized to *Suctorii*; no stem of the type genus, not available, Article 11.7.1.1]

*Auloedibranchia* Latreille, 1825:111 [ref. 31889] (family) *Petromyzon* [no stem of the type genus, not available, Article 11.7.1.1]

*Les Pétromyzides* Risso, 1827:99 [ref. 3757] (family) *Petromyzon* [published not in latinized form before 1900; not available, Article 11.7.2]

*Petromyzonidae* Bonaparte, 1831:165, 189 [ref. 4978] (family) *Petromyzon* [stem corrected to *Petromyzont-* by Owen 1846:48 [ref. 32214], confirmed by Girard 1858:376 [ref. 4911], by Günther 1870:499 [ref. 1995], by Steyskal 1980:173 [ref. 14191] and in ICZN Opinion 1171; family name sometimes seen as *Petromyzidae* or *Petromysonidae*]

*Ammocaetini* Bonaparte, 1846:9, 92 [ref. 519] (subfamily) *Ammocoetus* [as *Ammocaetes*, name must be corrected Article 32.5.3; corrected to *Ammocoetina* by Gray 1853:253 [ref. 1886]; stem changed to *Ammocoete-* by Bleeker 1859d:XXXIII [ref. 371]]

*Lampetrinae* Fowler 1958b:1 [ref. 1470] (subfamily) *Lampetra*

*Entospheninae* Vladykov 1972:148 [ref. 33046] (subfamily) *Entosphenus*

GENUS *Caspiomyzon* Berg, 1906 - lampreys

[=*Caspiomyzon* Berg [L. S.], 1906:173, *Agnathomyzon* Gratzianov [V. J.], 1907:18,  
*Haploglossa* (subgenus of *Agnathomyzon*) Gratzianov [V. J.], 1907:18]

Notes: [ref. 264]. Masc. *Petromyzon wagneri* Kessler, 1870. Type by monotypy.

•Valid as *Caspiomyzon* Berg, 1906 -- (Hubbs & Potter 1971:43 [ref. 13397], Holcík 1986:117 [ref. 24819], Reshetnikov 1998:15 [ref. 23570], Bogutskaya & Naseka 2004:17 [ref. 28183], Kottelat & Freyhof 2007:35 [ref. 29996], Naseka et al. 2009:16 [ref. 30402], Lang et al. 2009:52 [ref. 31599], Renaud 2011:24 [ref. 31770]).

**Current status:** Valid as *Caspiomyzon* Berg, 1906. *Petromyzontidae*.

(*Agnathomyzon*) [ref. 1870]. Masc. *Petromyzon wagneri* Kessler, 1870. Type by monotypy. Original not seen. Also appeared as new in Gratzianov 1907:13 [ref. 1871].

•Objective synonym of *Caspiomyzon* Berg, 1906 (Sept. 1906) -- (Hubbs & Potter 1971:43 [ref. 13397], Holcík 1986:117 [ref. 24819], Bogutskaya & Naseka 2004:18 [ref. 28183], Renaud 2011:24 [ref. 31770]). Current status: Synonym of *Caspiomyzon* Berg, 1906. *Petromyzontidae*.

(*Haploglossa*) [ref. 1870]. Fem. *Agnathomyzon (Haploglossa) caspicus* Gratzianov, 1907. Original not seen. Fowler 1964:39 [ref. 7160] says published in 1907. Objectively invalid; preoccupied by *Haploglossa* Kraatz, 1858 in *Coleoptera*. •Synonym of *Caspiomyzon* Berg, 1906 (Sept.) -- (Hubbs & Potter 1971:43 [ref. 13397], Holcík 1986:117 [ref. 24819], Renaud 2011:24 [ref. 31770]).

Current status: Synonym of *Caspiomyzon* Berg 1906. *Petromyzontidae*.

Species *Caspiomyzon wagneri* (Kessler, 1870) - Caspian lamprey

[=*Petromyzon wagneri* Kessler [K. T.], 1870:207, Pl. 3 (figs. 4-5),  
*Agnathomyzon (Haploglossa) caspicus* Gratzianov [V. J.], 1907:18]

Notes: [Trudy St.-Peterburgskogo Obscestva Estestvoispytatelej = Travaux de la Société des Naturalistes de St. Pétersbourg. v. 1; ref. 18395] Volga River between Tver [Tvertsa] and Astrakhan, 46°21'N, 48°03'E, Russia.

**Current status:** Valid as *Caspiomyzon wagneri* (Kessler, 1870). *Petromyzontidae*.

**Distribution:** Caspian Sea basin, Europe and Asia.

**Habitat:** freshwater, brackish, marine.

(*caspicus*) [Dnevnik Zool. Otdiela Obsc. Liub. Jest. Moskva v. 3 (no. 7-8); ref. 1870] Kura River near Evlakh, Volga River near Kazan, and Moskva River (Royllier), Russia.

Current status: Synonym of *Caspiomyzon wagneri* (Kessler, 1870). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

**Species** *Caspiomyzon graecus* (Renaud & Economidis, 2010) - **Ionian brook lamprey**

[=*Eudontomyzon graecus* Renaud [C. B.] & Economidis [P. S.], 2010:38,  
Figs. 1-2]

**Notes:** [Zootaxa No. 2477; ref. 30894] Filippiás Brook, near Filippiás, 39°12'N, 20°53'E, Louros River drainage, Ionian Sea basin, Epirus Periphery, Greece.

**Current status:** **Valid** as *Caspiomyzon graecus* (Renaud & Economidis, 2010). *Petromyzontidae*.

**Distribution:** Louros River drainage, Ionian Sea basin, Greece.

**Habitat:** freshwater.

**Species** *Caspiomyzon hellenicus* (Vladykov et al., 1982) - **Greek brook lamprey**

[=*Eudontomyzon hellenicus* Vladykov [V. D.], Renaud [C. B.], Kott [E.] &  
Economidis [P. S.], 1982:2898, Figs. 1, 2, 3 (a, c), 7, 9a, 10a]

**Notes:** [Canadian Journal of Zoology v. 60 (no. 11); ref. 8404] Kefalárion brook, tributary to Struma [Strymon] River, near Kefalárion, Greece.

**Current status:** **Valid** as *Caspiomyzon hellenicus* (Vladykov, Renaud, Kott & Economidis, 1982). *Petromyzontidae*.

**Distribution:** Strymon River basin, Greece.

**Habitat:** freshwater.

GENUS *Entosphenus* Gill, 1862 - **lampreys**

[=*Entosphenus* Gill [T. N.], 1862:331]

Notes: [ref. 1668]. Masc. *Petromyzon tridentatus* Richardson, 1836. Type by subsequent designation. Type designated by Jordan & Gilbert 1877:93 [ref. 4907].

•Synonym of *Lampetra* Gray, 1851 (authors), but a valid subgenus *Entosphenus* -- (Hubbs 1971:126 [ref. 7683], Bailey 1980:1627 [ref. 5253]).

•Synonym of *Lampetra* Gray, 1851 -- (Castro-Aguirre et al. 1999:35 [ref. 24550]).

•Valid as *Entosphenus* Gill, 1862 -- (Hubbs & Potter 1971:49 [ref. 13397], Sato in Masuda et al. 1984:2 [ref. 6441], Reshetnikov 1998:15 [ref. 23570], Gill et al. 2003:694 [ref. 27254], Bogutskaya & Naseka 2004:18 [ref. 28183], Naseka et al. 2009:16 [ref. 30402], Mecklenburg et al. 2011:115 [ref. 31212], Lang et al. 2009:43 [ref. 31599], Renaud 2011:26 [ref. 31770]).

**Current status**: **Valid** as *Entosphenus* Gill, 1862. *Petromyzontidae*.

**Species** *Entosphenus folletti* Vladykov & Kott, 1976 - **Modoc brook lamprey**

[=*Entosphenus folletti* Vladykov [V. D.] & Kott [E.], 1976:975, Figs. 1-3]

Notes: [Canadian Journal of Zoology v. 54 (no. 6); ref. 7400] Near Clear Lake Reservoir, Klamath River basin, California, U.S.A.

**Current status**: **Valid** as *Entosphenus folletti* Vladykov & Kott 1976. *Petromyzontidae*.

**Distribution**: California.

**Habitat**: freshwater.

**Species** *Entosphenus lethophagus* (Hubbs, 1971) - **Pit-Klamath brook lamprey**

[=*Lampetra (Entosphenus) lethophaga* Hubbs [C. L.], 1971:126, Figs. 1, 2a-b, 6]

Notes: [Transactions of the San Diego Society of Natural History v. 16 (no. 6); ref. 7683] Headwaters of Fall River, tributary to Pit River, Shasta County, California, U.S.A.

**Current status**: **Valid** as *Entosphenus lethophagus* (Hubbs, 1971). *Petromyzontidae*.

**Distribution**: Western U.S.A.: Oregon and California.

**Habitat:** freshwater.

**Species** *Entosphenus macrostomus* (Beamish, 1982) - **Vancouver lamprey**

[=*Lampetra macrostoma* Beamish [R. J.], 1982:737, Figs. 1 (A, B, D, F.)]

**Notes:** [Canadian Journal of Fisheries and Aquatic Sciences v. 39 (no. 5); ref. 8510] Lake Cowichan, 48°52'36"N, 124°17'00"W, Vancouver Island, British Columbia, Canada (attached to a coho salmon).

**Current status:** **Valid** as *Entosphenus macrostomus* (Beamish, 1982). *Petromyzontidae*.

**Distribution:** Northwestern North America: Vancouver Island, British Columbia.

**Habitat:** freshwater.

**Species** *Entosphenus minimus* (Bond & Kan, 1973) - **Miller Lake lamprey**

[=*Lampetra (Entosphenus) minima* Bond [C. E.] & Kan [T. T.], 1973:569, Figs. 1, 3]

**Notes:** [Copeia 1973 (no. 3); ref. 12318] Near northern shore of Miller Lake, Oregon, U.S.A.

**Current status:** **Valid** as *Entosphenus minimus* (Bond & Kan, 1973). *Petromyzontidae*.

**Distribution:** Northwestern U.S.A.: upper Klamath River basin, Oregon.

**Habitat:** freshwater.

**Species** *Entosphenus similis* Vladykov & Kott, 1979 - **Klamath River lamprey**

[= *Entosphenus similis* Vladykov [V. D.] & Kott [E.] 1979:809, fig'd]

**Notes:** [Canadian Journal of Zoology v. 57 (no. 4); ref. 8774] Klamath River, California, U.S.A.

**Current status:** **Valid** as *Entosphenus similis* Vladykov & Kott, 1979. *Petromyzontidae*.

**Distribution:** Western U.S.A.: Oregon and California.

**Habitat:** freshwater.

**Species** *Entosphenus tridentatus* (Richardson, 1837) - **Pacific lamprey**

[=*Petroyzon tridentatus* Richardson [J.] (ex Gairdner), 1837:293,

*Petromyzon astori* Girard [C. F.], 1858:380,  
*Ammocoetes cibarius* Girard [C. F.], 1858:383,  
*Petromyzon ciliatus* Ayres [W. O.], 1855:[2] col. 4,  
*Entosphenus epihexodon* Gill [T. N.], 1862:331,  
*Petromyzon lividus* Girard [C. F.], 1858:379]

Notes: [Fauna Boreali-Americana Part 3; ref. 3731] Walamet Falls [now Willamette], Columbia River basin, western North America.

**Current status:** **Valid** as *Entosphenus tridentatus* (Richardson, 1837). *Petromyzontidae*.

**Distribution:** North Pacific, anadromous: Japan to Alaska and to Baja California.

**Habitat:** freshwater, brackish, marine.

(*astori*) [General report upon zoology of the several Pacific railroad routes, 1857; ref. 4911] Astoria, Oregon, U.S.A.

Current status: Synonym of *Entosphenus tridentatus* (Richardson, 1837). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*cibarius*) [General report upon zoology of the several Pacific railroad routes, 1857; ref. 4911] Fort Steilacoom, Puget Sound, Washington, U.S.A.

Current status: Synonym of *Entosphenus tridentatus* (Richardson, 1837). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*ciliatus*) [The Pacific [newspaper] v. 4 (nos 7-22); ref. 13428] San Francisco Bay, California, U.S.A.

Current status: Synonym of *Entosphenus tridentatus* (Richardson, 1837). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*epihexodon*) [Proceedings of the Academy of Natural Sciences of Philadelphia v. 14; ref. 1668]

Current status: Synonym of *Entosphenus tridentatus* (Richardson, 1837). *Petromyzontidae*.

(*lividus*) [General report upon zoology of the several Pacific railroad routes, 1857; ref. 4911] Wahlahmath River, Oregon, U.S.A.

Current status: Synonym of *Entosphenus tridentatus* (Richardson, 1837). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

GENUS *Eudontomyzon* Regan, 1911 - **lampreys**

[=*Eudontomyzon* Regan [C. T.], 1911:200]

Notes: [ref. 3640]. Masc. *Eudontomyzon danfordi* Regan, 1911. Type by monotypy.

•Synonym of *Lampetra* Gray, 1851, but a valid subgenus *Eudontomyzon* – (Bailey 1980:1627 [ref. 5253]). •Valid as *Eudontomyzon* Regan, 1911 -- (Hubbs & Potter 1971:44 [ref. 13397], Holcík 1986:143 [ref. 24819], Reshetnikov 1998:16 [ref. 23570], Gill et al. 2003:694 [ref. 27254], Bogutskaya & Naseka 2004:19 [ref. 28183], Kottelat & Freyhof 2007:37 [ref. 29996], Kottelat & Freyhof 2009:76 [ref. 30320], Naseka et al. 2009:16 [ref. 30402], Lang et al. 2009:51 [ref. 31599], Renaud & Economidis 2010:37 [ref. 30894], Renaud 2011:38 [ref. 31770]).

**Current status:** Valid as *Eudontomyzon* Regan, 1911. *Petromyzontidae*.

Species *Eudontomyzon danfordi* Regan, 1911 - **Carpathian brook lamprey**

[=*Eudontomyzon danfordi* Regan [C. T.], 1911:200,

*Lampetra bergi* Vladykov [V. D.], 1925:251,

*Lampetra (Eudontomyzon) gracilis* Kux [Z.], 1965:294 (German p. 299),

Figs. 3, 7, 11, *Lampetra minor* Grossinger [J. B.], 1794:207]

Notes: [Annals and Magazine of Natural History (Series 8) v. 7 (no. 38); ref. 3640] Transylvania and Sebés River, Romania.

**Current status:** Valid as *Eudontomyzon danfordi* Regan, 1911. *Petromyzontidae*.

**Distribution:** Danube River drainage.

**Habitat:** freshwater.

(*bergi*) [Zoologischer Anzeiger v. 64 (nos 11/12) (art. 2); ref. 15570] Upper Tisza River basin, Ukraine.

Current status: Synonym of *Eudontomyzon danfordi* Regan, 1911. *Petromyzontidae*.

Habitat: freshwater.



(*gracilis*) [Casopis Moravského Muzea v Brne = Acta Musei Moraviae Verdy přírodní = Scientiae naturalis. Supplementum. No. 50; ref. 9222] Toplá River, Lukov, River Tisza basin, eastern Slovakia. Current status: Synonym of *Eudontomyzon danfordi* Regan, 1911. *Petromyzontidae*.  
Habitat: freshwater.

(*minor*) [Universa historia physica regni Hungariae secundum tria regna naturae digesta; ref. 23027]

Current status: Synonym of *Eudontomyzon danfordi* Regan, 1911. *Petromyzontidae*.

**Species** *Eudontomyzon mariae* (Berg, 1931) - **Ukrainian brook lamprey**

[=*Lampetra mariae* Berg [L. S.], 1931:94, Pls. 1 (fig. 3), 4 (figs. 1-4),  
*Petromyzon ponticus* Yashchenko [A. L.], 1896:99]

Notes: [Ezhegodnik. Zoologicheskogo Muzeya Imperatorskoj Akademii Nauk v. 32; ref. 16355] Kharkov River near Kharkov, Donets River basin, Ukraine.

**Current status**: **Valid** as *Eudontomyzon mariae* (Berg, 1931). *Petromyzontidae*.

**Distribution**: Black Sea and adjacent watersheds [without *vlasykovi* and *stankokkuramani*].

**Habitat**: freshwater, brackish.

(*ponticus*) [Trudy St.-Peterburgskogo Obscestva Estestvoispytatelej = Travaux de la Société des Naturalistes de St. Pétersbourg. v. 25 (no. 2); ref. 20230]

Current status: Synonym of *Eudontomyzon mariae* (Berg, 1931). *Petromyzontidae*.

**Species** *Eudontomyzon morii* (Berg, 1931) - **Korean lamprey**

[=*Lampetra morii* Berg [L. S.], 1931:97, Pl. 5 (fig. 1)]

Notes: [Ezhegodnik. Zoologicheskogo Muzeya Imperatorskoj Akademii Nauk v. 32; ref. 16355] Upper Yalu River, ca. 40°42'N, 128°07'E, China/North Korea.

**Current status**: **Valid** as *Eudontomyzon morii* (Berg, 1931). *Petromyzontidae*.

**Distribution**: China and North Korea.

**Habitat**: freshwater.



**Species** *Eudontomyzon stankokaramani* Karaman, 1974 - **Drin brook lamprey**

[=*Eudontomyzon vladykovi stankokaramani* Karaman [M. S.], 1974:1]

Notes: [Folia Balcanica, Zavod za Ribarstvo ba NR Makedonija. Skopje. v. 3 (no. 5); ref. 7431] Istocka Reka brook, neat Istok, and Rastavicki Pateek brook, Ohrid-Drim-Skadar system, Serbia.

**Current status**: **Valid** as *Eudontomyzon stankokaramani* Karaman, 1974. *Petromyzontidae*.

**Distribution**: Eastern Europe: Macedonia, Albania, Kosovo and Montenegro.

**Habitat**: freshwater.

**Species** *Eudontomyzon vladykovi* Oliva & Zanandrea, 1959 - **Vladykov's lamprey**

[=*Eudontomyzon danfordi vladykovi* Oliva [O.] & Zanandrea [G.], 1959:1]

Notes: [Doriana, Genova v. 2 (no. 98); ref. 18496] Affluent of Orava Reservoir, Danube River basin, Territory of Orava, northwestern Slovakia, Czechoslovakia.

**Current status**: **Valid** as *Eudontomyzon vladykovi* Oliva & Zanandrea, 1959. *Petromyzontidae*.

**Distribution**: Central Europe: Danube River drainages.

**Habitat**: freshwater.

**GENUS** *Ichthyomyzon* Girard, 1858 - **lampreys**

[=*Ichthyomyzon* Girard [C. F.], 1858:381,

*Reighardina* (subgenus of *Ichthyomyzon*) Creaser [C. W.] & Hubbs [C. L.], 1922:4,

*Scolecossoma* Girard [C. F.], 1858:384]

Notes: [ref. 4911]. Masc. *Petromyzon argenteus* Kirtland, 1838. Type by subsequent designation. Type designated by Jordan & Gilbert 1883:9 [ref. 2476].

•Valid as *Ichthyomyzon* Girard, 1858 -- (Hubbs & Potter 1971:40 [ref. 13397], Jenkins & Burkhead 1994:166 [ref. 21581], Gill et al. 2003:693 [ref. 27254], Lang et al. 2009:50 [ref. 31599], Robison et al. 2011:158 [ref. 31590], Renaud 2011:45 [ref. 31770]).

**Current status**: **Valid** as *Ichthyomyzon* Girard, 1858. *Petromyzontidae*.

(*Reighardina*) [ref. 990]. Fem. *Ichthyomyzon fossor* Reighard & Cummins, 1916. Type by original

designation (also monotypic). •Synonym of *Ichthyomyzon* Girard, 1858 -- (Hubbs & Potter 1971:40 [ref. 13397], Renaud 2011:45 [ref. 31770]).

Current status: Synonym of *Ichthyomyzon* Girard, 1858. *Petromyzontidae*.

(*Scolecossoma*) [ref. 4911]. Neut. *Ammocoetes concolor* Kirtland, 1840. Type by subsequent designation. Type designated by Jordan & Gilbert 1877:92 [ref. 4907]. Correct spelling for genus of type species is *Ammocoetus*. •Synonym of *Ichthyomyzon* Girard, 1858 -- (Hubbs & Potter 1971:40 [ref. 13397], Renaud 2011:45 [ref. 31770]). Current status: Synonym of *Ichthyomyzon* Girard, 1858. *Petromyzontidae*.

**Species** *Ichthyomyzon bdellium* (Jordan, 1885) - **Ohio lamprey**

[=*Petromyzon bdellium* Jordan [D. S.], 1885:792 [4],

*Petromyzon argenteus* Kirtland [J. P.], 1838:170, 197]

Notes: [United States Commission of Fish and Fisheries, Report of the Commissioner v. 13 (1885); ref. 2385] Great Miami River, Ohio, U.S.A.

**Current status**: **Valid** as *Ichthyomyzon bdellium* (Jordan, 1885). *Petromyzontidae*.

**Distribution**: Northeastern U.S.A.

**Habitat**: freshwater.

(*argenteus*) [Report on the zoology of Ohio; ref. 18399] Big Miami River basin, Ohio, U.S.A.

Current status: Synonym of *Ichthyomyzon bdellium* (Jordan, 1885). *Petromyzontidae*.

Habitat: freshwater.

**Species** *Ichthyomyzon castaneus* Girard, 1858 - **chestnut lamprey**

[=*Ichthyomyzon castaneus* Girard [C. F.], 1858:381,

*Ichthyomyzon hirudo* Girard [C. F.], 1858:382]

Notes: [General report upon zoology of the several Pacific railroad routes, 1857; ref. 4911] Galena, Illinois [not Galena, Minnesota], U.S.A.

**Current status**: **Valid** as *Ichthyomyzon castaneus* Girard, 1858. *Petromyzontidae*.

**Distribution:** Canada and eastern North America.

**Habitat:** freshwater.

(*hirudo*) [General report upon zoology of the several Pacific railroad routes, 1857; ref. 4911] Arkansas River, Fort Smith, Arkansas, U.S.A.

Current status: Synonym of *Ichthyomyzon castaneus* Girard, 1858. *Petromyzontidae*.

Habitat: freshwater.

**Species** *Ichthyomyzon fossor* (Reighard & Cumming, 1916) - **northern brook lamprey**

[=*Ichthyomyzon fossor* Reighard [J.] & Cummins [H.], 1916:1, Pls. 1-2,

*Ammocoetes borealis* Agassiz [L.], 1850:252,

*Ammocoetes unicolor* DeKay [J. E.], 1842:383, Pl. 79 (fig. 250)]

**Notes:** [Occasional Papers of the Museum of Zoology University of Michigan v. 31; ref. 15254] Mill Creek, tributary to Huron River near Ann Arbor, Washtenaw County, Michigan, U.S.A.

**Current status:** **Valid** as *Ichthyomyzon fossor* Reighard & Cummins, 1916. *Petromyzontidae*.

**Distribution:** Canada and east-central U.S.A.

**Habitat:** freshwater.

(*borealis*) [Lake Superior; ref. 66] Michipicotin, on northeastern shore of Lake Superior, North America.

Current status: Synonym of *Ichthyomyzon fossor* Reighard & Cummins, 1916. *Petromyzontidae*.

Habitat: freshwater.

(*unicolor*) [Zoology of New-York; ref. 1098] Lake Champlain and New York, U.S.A.

Current status: Synonym of *Ichthyomyzon fossor* Reighard & Cummins, 1916. *Petromyzontidae*.

Habitat: freshwater.

**Species** *Ichthyomyzon gagei* Hubbs & Trautman, 1937 - **southern brook lamprey**

[=*Ichthyomyzon gagei* Hubbs [C. L.] & Trautman [M. B.], 1937:80,

Pls. 1 (fig. E), 2 (fig. F)]

Notes: [Miscellaneous Publications, Museum of Zoology, University of Michigan No. 35; ref. 11704]  
Stream 1/4 mile south of Dry Prong, Grant Parish,  
presumably a secondary tributary of Little River, Louisiana, U.S.A.

**Current status:** **Valid** as *Ichthyomyzon gagei* Hubbs & Trautman, 1937. *Petromyzontidae*.

**Distribution:** East-central U.S.A.

**Habitat:** freshwater.

**Species** *Ichthyomyzon greeleyi* Hubbs & Trautman, 1937 - **mountain brook lamprey**

[=*Ichthyomyzon greeleyi* Hubbs [C. L.] & Trautman [M. B.], 1937:93,  
Pls. 1 (fig. F), 2 (fig.H),

*Ichthyomyzon hubbsi* Raney [E. C.], 1952:93, Pl. 1]

Notes: [Miscellaneous Publications, Museum of Zoology, University of Michigan No. 35; ref. 11704]  
French Creek, a tributary of Allegheny River, 1.6  
kilometers east of Wattsburg, Erie County, Pennsylvania, U.S.A.

**Current status:** **Valid** as *Ichthyomyzon greeleyi* Hubbs & Trautman, 1937. *Petromyzontidae*.

**Distribution:** East-central U.S.A.

**Habitat:** freshwater.

(*hubbsi*) [Copeia 1952 (no. 2); ref. 12802] Nottely River, tributary of Hiwassee River, Tennessee  
River System, 8 miles south-southeast of Blairsville, Union County, Georgia, U.S.A.

Current status: Synonym of *Ichthyomyzon greeleyi* Hubbs & Trautman, 1937. *Petromyzontidae*.

Habitat: freshwater.

**Species** *Ichthyomyzon unicuspis* Hubbs & Trautman, 1937 - **silver lamprey**

[=*Ichthyomyzon unicuspis* Hubbs [C. L.] & Trautman [M. B.], 1937:53,  
Pls. 1 (fig.A), 2 (figs.A, B),

*Ammocoetes concolor* Kirtland [J. P.], 1840:473, Pl. 27 (fig. 1)]

Notes: [Miscellaneous Publications, Museum of Zoology, University of Michigan No. 35; ref. 11704]

Swan Creek, 3 miles above the lower Maumee River, Toledo, Ohio, U.S.A.

**Current status: Valid** as *Ichthyomyzon unicuspis* Hubbs & Trautman, 1937. *Petromyzontidae*.

**Distribution:** South-central Canada and eastern U.S.A.

**Habitat:** freshwater.

(*concolor*) [Boston Journal of Natural History v. 3 (nos 3-4); ref. 18404] Mahoning and Scioto rivers, Ohio, U.S.A.

Current status: Synonym of *Ichthyomyzon unicuspis* Hubbs & Trautman, 1937. *Petromyzontidae*.

Habitat: freshwater.

GENUS *Lampetra* Bonnaterre, 1788 - lampreys

[=*Lampetra* Bonnaterre [J. P.], 1788:li, 1, *Lampetra* Gray [J. E.], 1851:140,

*Okkelbergia* (subgenus of *Lampetra*) Creaser [C. W.] & Hubbs [C. L.], 1922:8]

Notes: [ref. 4940]. Fem. *Petromyzon planeri* Bloch, 1784. Type by subsequent designation. Type designated by Fowler 1925:76 [ref. 26251]. Fowler 1964:37 [ref. 7160] regards *Lampetra* Bonnaterre as the first available use of this pre-Linnaean name, predating Gray 1851 (the author and date usually given for this genus). Apparently should replace *Lampetra* Gray, 1851.

•Valid as *Lampetra* Bonnaterre, 1788 -- (Holcík 1986:247 [ref. 24819], Reshetnikov 1998:16 [ref. 23570], Lyons et al. 1996:365 [ref. 25521], Mecklenburg et al. 2002:59 [ref. 25968], Gill et al. 2003:694 [ref. 27254], Bogutskaya & Naseka 2004:19 [ref. 28183], Martin & White 2008:579 [ref. 29818], Kottelat & Freyhof 2007:40 [ref. 29996], Kottelat & Freyhof 2009:76 [ref. 30320], Naseka et al. 2009:16 [ref. 30402], Lang et al. 2009:49 [ref. 31599], Reid et al. 2011:42 [ref. 31592], Mateus et al. 2011:162 [ref. 31634], Renaud 2011:55 [ref. 31770], Mateus et al. 2013:37 [ref. 32714]).

**Current status: Valid** as *Lampetra* Bonnaterre, 1788. *Petromyzontidae*.

(*Lampetra*) [ref. 4939]. Fem. *Petromyzon fluviatilis* Linnaeus, 1758. Type by subsequent designation. Type designated by Gray 1853:237 [ref. 1886]. Also in Gray 1853 [for 1851]:237 [ref. 1886].

Some current authors credit genus to Gray, but according to Fowler 1964:37 [ref. 7160] available use of this pre-Linnaean name was first done by Bonnaterre 1788 and the type is

*Petromyzon planeri* Bloch, 1784. See *Lampetra* Bonnaterre, 1788.

•Valid as *Lampetra* Gray, 1851 -- (Hubbs & Potter 1971:49 [ref. 13397], Vladykov 1973:3 [ref. 7159] with Gray as author and type as *fluviatilis*, Sato in Masuda et al. 1984:2 [ref. 6441], Vladykov in Whitehead et al. 1984:65 [ref. 13675], Jenkins & Burkhead 1994:175 [ref. 21581], Castro-Aguirre et al. 1999:35 [ref. 24550]). •Synonym of *Lampetra* Bonaterre, 1788.

Current status: Synonym of *Lampetra* Bonnaterre, 1788. *Petromyzontidae*.

(*Okkelbergia*) [ref. 990]. Fem. *Ammocoetes aepyptera* Abbott, 1860. Type by original designation (also monotypic).

•Valid as *Okkelbergia* Creaser & Hubbs, 1922 -- (Hubbs & Potter 1971:48 [ref. 13397], Lang et al. 2009:51 [ref. 31599]). •Synonym of *Lampetra* Gray, 1851 -- (Vladykov & Kott 1976 [ref. 7095]).

•Synonym of *Lampetra*, but a valid subgenus *Okkelbegria*-- (Bailey 1980:1627 [ref. 5253]).

Current status: Synonym of *Lampetra* Gray, 1851. *Petromyzontidae*.

**Species** *Lampetra aepyptera* (Abbott, 1860) - **least brook lamprey**

[=*Ammocoetes aepyptera* Abbott [C. C.], 1860:327,

*Lethenteron meridionale* Vladykov [V. D.], Kott [E.] & Pharand-Coad [S.], 1975:11, Figs. 1-3]

**Notes:** [Proceedings of the Academy of Natural Sciences of Philadelphia v. 12; ref. 15620] Ohio River, near Portland, Meigs County, Ohio, U.S.A.

**Current status:** **Valid** as *Lampetra aepyptera* (Abbott, 1860). *Petromyzontidae*.

**Distribution:** Eastern U.S.A.

**Habitat:** freshwater, brackish.

(*meridionale*) [Publications in Zoology, National Museum of Natural Sciences (Canada) No. 12; ref. 7480] Blue Spring Creek, tributary of Tennessee River, near Hillsboro, Coffee County, Tennessee, U.S.A.

Current status: Synonym of *Lampetra aepyptera* (Abbott, 1860). *Petromyzontidae*.  
Habitat: freshwater.

**Species** *Lampetra alavariensis* Mateus et al., 2013 - **Portugese lamprey** (author)

[=*Lampetra alavariensis* Mateus [C. S.], Alves [M. J.], Quintella [B. R.] & Almeida [P. R.], 2013:50, Figs. 5A, 6A.]

Notes: [Contributions to Zoology v. 82 (no. 1); ref. 32714] Ribeira de Mangas, Carvalheirs de Maceda, Ovar, 40°55'27.30"N, 8°37'19.20"W, Esmoriz drainage, Portugal.

**Current status**: **Valid** as *Lampetra alavariensis* Mateus, Alves, Quintella & Almeida, 2013.  
*Petromyzontidae*.

**Distribution**: Portugal.

**Habitat**: freshwater.

**Species** *Lampetra auremensis* Mateus et al., 2013 - **Qurem lamprey** (author)

[=*Lampetra auremensis* Mateus [C. S.], Alves [M. J.], Quintella [B. R.] & Almeida [P. R.] 2013:51, Figs. 5B, 6B]

Notes: [Contributions to Zoology v. 82 (no. 1); ref. 32714] Ribeira do Olival, Caxarias, Qurem, 39°42'15.60"N, 8°32'06.84"W, Tagus drainage, Portugal.

**Current status**: **Valid** as *Lampetra auremensis* Mateus, Alves, Quintella & Almeida, 2013.  
*Petromyzontidae*.

**Distribution**: Portugal.

**Habitat**: freshwater.

**Species** *Lampetra ayresii* (Günther, 1870) - **Western American river lamprey**

[=*Petromyzon ayresii* Günther [A.], 1870:505,  
*Petromyzon plumbeus* Ayres [W. O.], 1855:[2] col. 4]

Notes: [Catalogue of the fishes in the British Museum v. 8; ref. 1995] San Francisco Bay, Parr Terminal, Point Richmond, 37°54'35"N, 122°13'12"W, California, U.S.A.



**Current status:** **Valid** as *Lampetra ayresii* (Günther, 1870). *Petromyzontidae*.

**Distribution:** Eastern Pacific/western North America: Alaska to central California.

**Habitat:** freshwater, brackish, marine.

(*plumbeus*) [The Pacific [newspaper] v. 4 (nos 7-22); ref. 13428] San Francisco Bay, Parr Terminal, Point Richmond, 37°54'35"N, 122°13'12"W, California, U.S.A.

Current status: Synonym of *Lampetra ayresii* (Günther, 1870). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

**Species** *Lampetra fluviatilis* (Linnaeus, 1758) - **European river lamprey**

[=*Petromyzon fluviatilis* Linnaeus [C.], 1758:230,

*Petromyzon argenteus* Bloch [M. E.], 1795:74, Pl. 415 (fig. 2),

*Petromyzon branchialis* Linnaeus [C.], 1758:230,

*Ammocoetes communis* Gistel [J.], 1848:104,

*Petromyzon jurae* MacCulloch [J.], 1819:187 (of vol. 2), Pl. 29 (fig. 1) (in vol. 3),

*Lampetra fluviatilis* morpha *ladogensis* Ivanova-Berg [M. M.], 1966:565,

*Petromyzon fluviatilis* forma *major* Smitt [F. A.], 1895:1189,

*Petromyzon omalii* Beneden [P. J. van], 1857:551, Pl.,

*Lampetra opisthodon* Gratzianov [V. J.], 1907:18,

*Lampetra fluviatilis* forma *praecox* Berg [L. S.], 1932:38, Figs. 32, 37,

*Petromyzon sanguisuga* Lacepède [B. G. E.], 1800:99, 101,

*Lampetra (Lampetra) fluviatilis* forma *typica* Berg [L. S.], 1931:109]

**Notes:** [Systema Naturae, Ed. X v. 1; ref. 2787] Rhine River at Basel, Switzerland [originally: "in fluviis Europæ", European rivers].

**Current status:** **Valid** as *Lampetra fluviatilis* (Linnaeus, 1758). *Petromyzontidae*.

**Distribution:** Widespread in Europe, including adjacent eastern North Atlantic, Baltic Sea and Mediterranean Sea.

**Habitat:** freshwater, brackish, marine.

(*argenteus*) [Naturgeschichte der ausländischen Fische v. 9; ref. 464] Tranquebar [Tharangambadi, India] [in error, from Europe].

Current status: Synonym of *Lampetra fluviatilis* (Linnaeus, 1758). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*branchialis*) [Systema Naturae, Ed. X v. 1; ref. 2787] Rhine River at Basel, Switzerland.

Current status: Synonym of *Lampetra fluviatilis* (Linnaeus, 1758). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*communis*) [Naturgeschichte des Thierreichs; ref. 1822] Rivers and streams.

Current status: Synonym of *Lampetra fluviatilis* (Linnaeus, 1758). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*jurae*) [A description of the western islands of Scotland; ref. 20245] Jura Island, Scotland, U.K.

Current status: Synonym of *Lampetra fluviatilis* (Linnaeus, 1758). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*ladogensis*) [Voprosy Ikhtiologii v. 6; ref. 22957] Original not seen. Infrasubspecific, not available; from Lake Ladoga, Russia.

Current status: Synonym of *Lampetra fluviatilis* (Linnaeus, 1758). *Petromyzontidae*.

(*major*) [A history of Scandinavian fishes; ref. 4146]

Current status: Synonym of *Lampetra fluviatilis* (Linnaeus, 1758). *Petromyzontidae*.

(*omalii*) [Bulletins de l'Académie Royal des Sciences, des Lettres et des Beaux-Arts de Belgique. (2.Sér.) v. 2 (no. 7); ref. 16781] Shores of Belgium.

Current status: Synonym of *Lampetra fluviatilis* (Linnaeus, 1758). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*opisthodon*) [Dnevnik Zool. Otdiela Obsc. Liub. Jest. Moskva v. 3 (no. 7-8); ref. 1870] Neva River near St. Petersburg, Russia.

Current status: Synonym of *Lampetra fluviatilis* (Linnaeus, 1758). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*praecox*) [Les poissons des eaux douces de l'U.R.S.S. Part 1; ref. 278] Ladoga and Onega lakes

and their basins, Russia.

Current status: Synonym of *Lampetra fluviatilis* (Linnaeus, 1758). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*sanguisuga*) [Histoire naturelle des poissons (Lacepède) v. 2; ref. 2709] Seine River, France.

Current status: Synonym of *Lampetra fluviatilis* (Linnaeus, 1758). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*typica*) [Ezhegodnik. Zoologicheskogo Muzeya Imperatorskoj Akademii Nauk v. 32; ref. 16355] Strelka River, Russia, Gulf of Finland.

Current status: Synonym of *Lampetra fluviatilis* (Linnaeus, 1758). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

**Species** *Lampetra hubbsi* (Vladykov & Kott, 1976) - **Kern brook lamprey**

[=*Entosphenus hubbsi* Vladykov [V. D.] & Kott [E.], 1976:60, Figs. 1-3]

Notes: [Bulletin of the Southern California Academy of Sciences v. 75 (pt 2); ref. 12298] Canal east of Delano, Kern County, California, U.S.A.

**Current status**: **Valid** as *Lampetra hubbsi* (Vladykov & Kott, 1976). *Petromyzontidae*.

**Distribution**: California, U.S.A.

**Habitat**: freshwater.

**Species** *Lampetra lanceolata* Kux & Steiner, 1972 - **Turkish brook lamprey**

[=*Lampetra lanceolata* Kux [Z.] & Steiner [H. M.], 1972:377, Figs. 1-3, 6, 10]

Notes: [Casopis Moravského zemského musea / vydává Moravské zemské museum. No. 56/57; ref. 20918] Upstream of Iyidere River, Trabzon, Turkey.

**Current status**: **Valid** as *Lampetra lanceolata* Kux & Steiner, 1972. *Petromyzontidae*.

**Distribution**: Southern Black Sea basin, Turkey.

**Habitat**: freshwater.

**Species** *Lampetra lusitanica* Mateus et al., 2013 - **lusitanic lamprey** (author)

[=*Lampetra lusitanica* Mateus [C. S.], Alves [M. J.], Quintella [B. R.] & Almeida [P. R.] 2013:53, Figs. 5C, 6C]

Notes: [Contributions to Zoology v. 82 (no. 1); ref. 32714] Ribeira da Marateca, Landeira, Verdas Novas, 38°35'39.46"N, 8°38'43.86"W, Sado drainage, Portugal.

**Current status:** **Valid** as *Lampetra lusitanica* Mateus, Alves, Quintella & Almeida, 2013.

*Petromyzontidae*.

**Distribution:** Portugal.

**Habitat:** freshwater.

**Species** *Lampetra pacifica* Vladykov, 1973 - **Pacific brook lamprey**

[=*Lampetra pacifica* Vladykov [V. D.], 1973:206, Figs. 1-5, 7-9]

Notes: [Journal of the Fisheries Research Board of Canada v. 30 (no. 2); ref. 7594] Clackamas River, tributary of the Willamette River, lower Columbia River basin, near Eastacada and Portland, Oregon, U.S.A.

**Current status:** **Valid** as *Lampetra pacifica* Vladykov, 1973. *Petromyzontidae*.

**Distribution:** Western U.S.A.: restricted to Columbia River basin, Oregon; other populations as cf. *pacifica* [ref. 31592].

**Habitat:** freshwater.

**Species** *Lampetra planeri* (Bloch, 1784) - **European brook lamprey**

[=*Petromyzon planeri* Bloch [M. E.], 1784:47, Pl. 78 (fig. 3),

*Petromyzon anomalum* de la Pylaie, 1835, *Petromyzon bicolor* Shaw 1804,

*Ammocoetes lamproyon* Römer-Büchner [B. J.], 1927:71,

*Petromysson fluviatilis* forma *larvalis* Smitt [F. A.], 1895:1189,

*Petromysson fluviatilis* forma *minor* Smitt [F. A.], 1895:1189,

*Petromyzon niger* Lacepède [B. G. E.], 1802:666, 667, Pl. 15 (fig. 2),

*Petromyzon plumbeus* Shaw [G.], 1804:263,

*Petromyzon septoeuil* Lacepède [B. G. E.], 1802:665, 667, Pl. 15 (fig. 1)]

Notes: [M. Marcus Elieser Bloch's ..., ausübenden Arztes zu Berlin, Oeconomische Naturgeschichte der Fische Deutschlands v. 3; ref. 19645] Creeks of Thüringen, Germany.

**Current status:** **Valid** as *Lampetra planeri* (Bloch, 1784). *Petromyzontidae*.

**Distribution:** Europe.

**Habitat:** freshwater.

(*anomalum*) [Congrès Scientifique de France v. 2, Poitiers (1834); ref. 1086]

Current status: Synonym of *Lampetra planeri* (Bloch, 1784). *Petromyzontidae*.

(*bicolor*) [General zoology or systematic natural history; ref. 4015]

Current status: Synonym of *Lampetra planeri* (Bloch, 1784). *Petromyzontidae*.

Habitat: freshwater.

(*lamproyon*) [Verzeichniss der Steine und Thiere in dem Gebiete von Frankfurt; ref. 19809]

Erlenbach, Urselbach, near Frankfurt, Germany.

Current status: Synonym of *Lampetra planeri* (Bloch, 1784). *Petromyzontidae*.

Habitat: freshwater.

(*larvalis*) [A history of Scandinavian fishes; ref. 4146]

Current status: Synonym of *Lampetra planeri* (Bloch, 1784). *Petromyzontidae*.

(*minor*) [A history of Scandinavian fishes; ref. 4146]

Current status: Synonym of *Lampetra planeri* (Bloch, 1784). *Petromyzontidae*.

(*niger*) [Histoire naturelle des poissons (Lacepède) v. 4; ref. 4929] Rivers Seine, Epte, and Audelle, Pont de l'Arche, France.

Current status: Synonym of *Lampetra planeri* (Bloch, 1784). *Petromyzontidae*.

Habitat: freshwater.

(*plumbeus*) [General zoology or systematic natural history; ref. 4015] Rivers Seine, Epte, and Audelle, Pont de l'Arche, France.

Current status: Synonym of *Lampetra planeri* (Bloch, 1784). *Petromyzontidae*.

Habitat: freshwater.

(*septoeuil*) [Histoire naturelle des poissons (Lacepède) v. 4; ref. 4929] Rivers Seine, Epte, and Audelle, Pont de l'Arche, France.

Current status: Synonym of *Lampetra planeri* (Bloch, 1784). *Petromyzontidae*.

Habitat: freshwater.

**Species** *Lampetra richardsoni* Vladykov & Follett, 1965 - **western brook lamprey**

[=*Lampetra richardsoni* Vladykov [V. D.] & Follett [W. I.], 1965:143, Figs. 3-9,  
*Lampetra richardsoni* var. *marifuga* Beamish [R. J.] & Withler [R. E.],  
1986:32 et seq., Fig. 2A, 2D, 2F, 2G]

Notes: [Journal of the Fisheries Research Board of Canada v. 22 (no. 1); ref. 9265] Smith Creek, Cultus Lake, British Columbia, Canada.

**Current status**: **Valid** as *Lampetra richardsoni* Vladykov & Follett, 1965. *Petromyzontidae*.

**Distribution**: Western North America: southern Alaska, British Columbia to northern California, U.S.A.

**Habitat**: freshwater.

(*marifuga*) [Indo-Pacific fish biology; ref. 26713]

Current status: Synonym of *Lampetra richardsoni* Vladykov & Follett, 1965. *Petromyzontidae*.

**GENUS** *Lethenteron* Creaser & Hubbs, 1922 - **lampreys**

[=*Lethenteron* (subgenus of *Lampetra*) Creaser [C. W.] & Hubbs [C. L.], 1922:6]

Notes: [ref. 990]. Neut. *Lampetra wilderi* Gage, 1896. Type by original designation.

- Synonym of *Lampetra* Gray, 1851, but a valid subgenus *Lethenteron* -- (Hubbs & Potter 1971:49 [ref. 13397], Bailey 1980:1627 [ref. 5253] and other current workers).
- Valid as *Lethenteron* Creaser & Hubbs, 1922 -- (Vladykov 1973:4 [ref. 7159], Vladykov & Kott 1978 [ref. 7038], Vladykov in Whitehead et al. 1984:65 [ref. 13675], Holcík 1986:196 [ref. 24819], Kottelat 1997:28 [ref. 22952], Reshetnikov 1998:17 [ref. 23570], Gill et al. 2003:694 [ref. 27254], Bogutskaya & Naseka 2004:20 [ref. 28183], Matsunuma et al. 2007:23 [ref. 29497],

Kottelat & Freyhof 2007:43 [ref. 29996], Kottelat & Freyhof 2009:76 [ref. 30320], Naseka et al. 2009:16 [ref. 30402], Lang et al. 2009:51 [ref. 31599], Mecklenburg et al. 2011:115 [ref. 31212], Renaud 2011:66 [ref. 31770]).

**Current status:** **Valid** as *Lethenteron* Creaser & Hubbs, 1922. *Petromyzontidae*.

**Species** *Lethenteron alaskense* Vladykov & Kott, 1978 - **Alaskan brook lamprey**

[=*Lethenteron alaskense* Vladykov [V. D.] & Kott [E.], 1978:7, Figs. 1-3, 5, 6a, 7b, 10d, 11c]

**Notes:** [Biological Papers of the University of Alaska No. 19; ref. 7038] West Creek, a tributary of Brooks Lake, Alaska, U.S.A.

**Current status:** **Valid** as *Lethenteron alaskense* Vladykov & Kott, 1978. *Petromyzontidae*.

**Distribution:** Arctic Ocean drainage and western North Pacific (Alaska) and Northwest Territories, Canada.

**Habitat:** freshwater.

**Species** *Lethenteron appendix* (DeKay, 1842) - **American brook lamprey**

[=*Petromyzon appendix* DeKay [J. E.], 1842:381, Pl. 64 (fig. 211),  
*Petromyzon lamottenii* Lesueur [C. A.], 1827:5, Pl. 3,  
*Lampetra wilderi* Gage [S. H.], in Jordan & Evermann, 1896:13]

**Notes:** [Zoology of New-York; ref. 1098] Providence, Rhode Island; Hudson River, U.S.A.

**Current status:** **Valid** as *Lethenteron appendix* (DeKay, 1842). *Petromyzontidae*.

**Distribution:** North America: southeastern Canada and eastern U.S.A.

**Habitat:** freshwater.

(*lamottenii*) [American ichthyology, or natural history of the fishes of North America, with coloured figures executed from nature.; ref. 17524] In a cave formed by the rapid current and secluded from the rays of the sun...to the Lamotte mine in Missouri, U.S.A.

**Current status:** Synonym of *Lethenteron appendix* (DeKay, 1842). *Petromyzontidae*.



Distribution: Canada, Alaska and northern mainland U.S.A. [if treated as valid].

Habitat: freshwater.

(*wilderi*) [Bulletin of the United States National Museum No. 47; ref. 2443] Cayuga Lake, western New York, U.S.A.

Current status: Synonym of *Lethenteron appendix* (Lesueur, 1827). *Petromyzontidae*.

Habitat: freshwater.

**Species** *Lethenteron camtschaticum* (Tilesius, 1811) - **arctic lamprey**

[=*Petromyzon marinus camtschaticus* Tilesius [W. G. von], 1811:240, Pl. 9,

*Ammocoetes aureus* Bean [T. H.], 1881:159,

*Petromyzon borealis* Girard [C. F.], 1858:377,

*Petromyzon ernstii* Dybowski [B. N.], 1872:220,

*Petromyzon japonicus* Martens [E. von], 1868:3, Pl. 1 (fig. 2),

*Petromyzon kameraticus* Dybowski [B. N.], 1869:948,

*Petromyzon lumbricalis* Pallas [P. S.], 1814:69,

*Lampetra mitsukurii major* Hatta [S.], 1911:268, Pl. 9 (figs. 1-2, 5-6),

*Lampetra japonica* forma *praecox* Johansen [B.], 1935:1,

*Lampetra japonica septentrionalis* Berg [L. S.], 1931:100, Pl. 5 (fig. 4),

*Lampetra variegata* Tilesius [W. G. von], 1811:247,

*Petromyzon variegata* Tilesius [W. G. von], 1811:247]

Notes: [Mémoires de l'Académie Impériale des Sciences de St. Petersburg v. 3; ref. 4408] Japan [original was Kamchatka, Russia].

**Current status**: **Valid** as *Lethenteron camtschaticum* (Tilesius, 1811). *Petromyzontidae*.

**Distribution**: Circumpolar, mostly Arctic; to North Pacific and eastern North Atlantic.

**Habitat**: freshwater, brackish, marine.

(*aureus*) [Proceedings of the United States National Museum v. 4 (no. 210); ref. 223] Anvik, Yukon River, 62°39'20"N, 160°12'33"W [63°N, 160°W],

Yukon-Konyukuk Census Area, Alaska, U.S.A.

Current status: Synonym of *Lethenteron camtschaticum* (Tilesius, 1811). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*borealis*) [General report upon zoology of the several Pacific railroad routes, 1857; ref. 4911]

Great Slave Lake, Northwest Territories, Canada.

Current status: Synonym of *Lethenteron camtschaticum* (Tilesius, 1811). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*ernstii*) [Verhandlungen der K.-K. zoologisch-botanischen Gesellschaft in Wien v. 22; ref. 1170]

Amur River mouth, Siberia, Russia.

Current status: Synonym of *Lethenteron camtschaticum* (Tilesius, 1811). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*japonicus*) [Archiv für Naturgeschichte v. 34 (no. 1); ref. 14097] Tokyo or Yokohama, Japan.

Current status: Synonym of *Lethenteron camtschaticum* (Tilesius, 1811). *Petromyzontidae*.

Distribution: Arctic drainages and North Pacific. Habitat: freshwater, brackish, marine.

(*kameraticus*) [Verhandlungen der K.-K. zoologisch-botanischen Gesellschaft in Wien v. 19; ref. 1169]

Current status: Synonym of *Lethenteron camtschaticum* (Tilesius, 1811). *Petromyzontidae*.

(*lumbricalis*) [Zoographia Rosso-Asiatica v. 3; ref. 3351] Japan.

Current status: Synonym of *Lethenteron camtschaticum* (Tilesius, 1811). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*major*) [Annotationes Zoologicae Japonenses v. 7; ref. 18252] Sapporo, Japan.

Current status: Synonym of *Lethenteron camtschaticum* (Tilesius, 1811). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*praecox*) [Bemerkung über die Neunaugen Ostasiens. [A note on lampreys of eastern Asia.] No. 2; ref. 22003]

Current status: Synonym of *Lethenteron camtschaticum* (Tilesius, 1811). *Petromyzontidae*.

(*septentrionalis*) [Ezhegodnik. Zoologicheskogo Muzeya Imperatorskoj Akademii Nauk v. 32;

ref. 16355] Onega River at Podporozhye, tributary to Onega Lake, Russia.

Current status: Synonym of *Lethenteron camtschaticum* (Tilesius, 1811). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*variegata*) [Mémoires de l'Académie Impériale des Sciences de St. Petersbourg v. 3; ref. 4408]

Current status: Synonym of *Lethenteron camtschaticum* (Tilesius, 1811). *Petromyzontidae*.

(*variegata*) [Mémoires de l'Académie Impériale des Sciences de St. Petersbourg v. 3; ref. 4408]

Bolschaya River, Kamchatka, Russia.

Current status: Synonym of *Lethenteron camtschaticum* (Tilesius, 1811). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

**Species** *Lethenteron kessleri* (Anikin, 1905) - **Siberian brook lamprey**

[=*Petromyzon kessleri* Anikin [V. P.] 1905:10,

*Lethenteron matsubarae* Vladykov [V. D.] & Kott [E.], 1978:1793, Figs. 1-2, 4a, 5a, 6a]

Notes: [Description of new fish species from Asia; ref. 15920] Tom River and mouth of Kirgizka River near Tomsk, Ob River system, western Siberia, Russia.

**Current status**: **Valid** as *Lethenteron kessleri* (Anikin, 1905). *Petromyzontidae*.

**Distribution**: Siberia and central Europe; Japan.

**Habitat**: freshwater, brackish, marine.

(*matsubarae*) [Canadian Journal of Zoology v. 56 (no. 8); ref. 8867] Shokotsu River, Hokkaido Island, Japan, 44°22'N, 143°20'E.

Current status: Synonym of *Lethenteron kessleri* (Anikin, 1905). *Petromyzontidae*.

Distribution: Eastern Europe and Siberia (if valid). Habitat: freshwater.

**Species** *Lethenteron ninae* Naseka et al., 2009 - **Western Transcaucasian lamprey**

[=*Lethenteron ninae* Naseka [A. M.], Tuniyev [S. B.] & Renaud [C. B.], 2009:17, Figs. 2, 3a, 4a, 5, 6, 7a, 8]

Notes: [Zootaxa No. 2198; ref. 30402] 43°48'35"N, 39°36'54"E, Shakhe River at Khartsyz, Black Sea basin, Sochi District, Russia.

**Current status**: **Valid** as *Lethenteron niniae* Naseka, Tuniyev & Renaud, 2009. *Petromyzontidae*.

**Distribution**: Black Sea basin, western Transcaucasia: Russia and Abkhazia.

**Habitat**: freshwater.

**Species** *Lethenteron reissneri* (Dybowski, 1869) - **Far Eastern brook lamprey**

[=*Petromyzon reissneri* Dybowski [B. N.], 1869:958,

*Petromyzon dentex* Anikin [V. P.], 1905:17]

*Lampetra mitsukurii minor* Hatta [S.], 1911:268, Pl. 8 (figs. 3-4, 7-8),

*Lampetra mitsukurii* Hatta [S.], 1901:24]

Notes: [Verhandlungen der K.-K. zoologisch-botanischen Gesellschaft in Wien v. 19; ref. 1169] Onon and Ingoda rivers, Amur River basin, Russia.

**Current status**: **Valid** as *Lethenteron reissneri* (Dybowski, 1869). *Petromyzontidae*.

**Distribution**: Arctic and Pacific drainages: Russia, China, Mongolia, Korea and Japan.

**Habitat**: freshwater.

(*dentex*) [Description of new fish species from Asia; ref. 15920] Mouth of Jenissei River at village Goltschicha, Siberia, Russia.

Current status: Synonym of *Lethenteron reissneri* (Dybowski, 1869). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*minor*) [Annotationes Zoologicae Japonenses v. 7; ref. 18252] Gifu and Sapporo and other localities, Japan.

Current status: Synonym of *Lethenteron reissneri* (Dybowski, 1869). *Petromyzontidae*.

Habitat: freshwater.

(*mitsukurii*) [Annotationes Zoologicae Japonenses v. 4; ref. 14755] Hokkaido, Hondo, Japan.

Current status: Synonym of *Lethenteron reissneri* (Dybowski, 1869). *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

**Species** *Lethenteron zanandreai* (Vladykov, 1955) - Lombardy brook lamprey, Po brook lamprey

[=*Lampetra zanandreai* Vladykov [V. D.], 1955:216, Pls. 1, 2a, 3a, 4b-c]

Notes: [Copeia 1955 (no. 3); ref. 12535] Guà di Lonigo River, Adige River system, near Venice, Italy.

**Current status**: Valid as *Lethenteron zanandreai* (Vladykov, 1955). *Petromyzontidae*.

**Distribution**: Southern Europe: Italy and Croatia.

**Habitat**: freshwater.

GENUS *Petromyzon* Linnaeus, 1758 - lampreys

[=*Petromyzon* Linnaeus [C.], 1758:230, *Ammocoetus* Duméril [A. M. C.] (ex d'Hallois), 1812:16, *Bathymyzon* (subgenus of *Petromyzon*) Gill [T. N.], 1883:254, *Lampetra* Malm [A. W.], 1863:85?, *Oceanomyzon* Fowler [H. W.], 1908:461, *Petromyzus* Billberg [G. J.], 1833:50]

Notes: [ref. 2787]. Masc. *Petromyzon marinus* Linnaeus, 1758. Type by subsequent designation. Type designated by Jordan & Copeland 1877:161 [ref. 5961].

Name spelled *Petromizon* by Wulff 1765:15 [ref. 17844]. On Official List (Opinion 1171). Spelled *Petromison* by Bonnaterre 1788:1 [ref. 4940].

•Valid as *Petromyzon* Linnaeus, 1758 -- (Hubbs & Potter 1971:42 [ref. 13397], Vladykov 1973:2 [ref. 7159], Vladykov in Whitehead et al. 1984:67 [ref. 13675], Holcík 1986:92 [ref. 24819], Jenkins & Burkhead 1994:172 [ref. 21581], Reshetnikov 1998:19 [ref. 23570], Gill et al. 2003:693 [ref. 27254], Bogutskaya & Naseka 2004:21 [ref. 28183], Kottelat & Freyhof 2007:44 [ref. 29996], Lang et al. 2009:52 [ref. 31599], Mecklenburg et al. 2011:115 [ref. 31212], Renaud 2011:78 [ref. 31770]).

**Current status**: Valid as *Petromyzon* Linnaeus, 1758. *Petromyzontidae*.

(*Ammocoetus*) [ref. 1153]. Masc. *Petromyzon branchialis* Linnaeus, 1758. Type by subsequent designation. If above is first appearance, then type is *Petromyzon rouge* Lacepède, the only species mentioned. Type as *branchialis* designated by Jordan & Gilbert 1883:9 [ref. 2476]. Also spelled

*Ammocoetes* (dating to Duméril in Cuvier 1816). •Synonym of *Petromyzon* Linnaeus, 1758.

Current status: Synonym of *Petromyzon* Linnaeus, 1758. *Petromyzontidae*.

(*Bathymyzon*) [ref. 1724]. Masc. *Petromyzon (Bathymyzon) bairdii* Gill, 1883. Type by monotypy.

•Synonym of *Petromyzon* Linnaeus, 1758 -- (Hubbs & Potter 1971:42 [ref. 13397], Vladykov 1973:2 [ref. 7159], Holcík 1986:92 [ref. 24819], Renaud 2011:78 [ref. 31770]).

Current status: Synonym of *Petromyzon* Linnaeus, 1758. *Petromyzontidae*.

(*Lampetra*) [ref. 28128]. Fem. *Petromyzon marinus* Linnaeus, 1758. Type by monotypy. Junior homonym of *Lampetra* Bonaterre, 1788; synonym of *Petromyzon* Linnaeus, 1758.

Current status: Synonym of *Petromyzon* Linnaeus, 1758. *Petromyzontidae*.

(*Oceanomyzon*) [ref. 1378]. Masc. *Oceanomyzon wilsoni* Fowler, 1908. Type by original designation (also monotypic). •Synonym of *Petromyzon* Linnaeus, 1758 -- (Hubbs & Potter 1971:42 [ref. 13397], Vladykov 1973:2 [ref. 7159], Holcík 1986:92 [ref. 24819], Renaud 2011:78 [ref. 31770]).

Current status: Synonym of *Petromyzon* Linnaeus, 1758. *Petromyzontidae*.

(*Petromyzus*) [ref. 34146]. *Petromyzon marinus* Linnaeus, 1758. Type by being a replacement name.

Unnecessary replacement name for *Petromyzon* Linnaeus, 1758.

•Synonym of *Petromyzon* Linnaeus, 1758-- (Kullander 2016:107 [ref. 34147]).

Current status: Synonym of *Petromyzon* Linnaeus, 1758. *Petromyzontidae*.

### Species *Petromyzon marinus* Linnaeus, 1758 - eel sucker, sea lamprey

[=*Petromyzon marinus* Linnaeus [C.], 1758:230,

*Petromyzon (Bathymyzon) bairdii* Gill [T. N.], 1883:254,

*Ammocoetes bicolor* Lesueur [C. A.], 1818:386,

*Petromyzon marinus dorsatus* Wilder [B. G.], in Jordan & Gilbert, 1883:869,

*Petromyzon lampetra* Pallas [P. S.], 1814:66,

*Petromyzon maculosus* Gronow [L. T.], in Gray, 1854:2,

*Petromyzon maximus* Cuvier [G.], 1816:118,

*Petromyzon nigricans* Lesueur [C. A.], 1818:385,

*Petromyzon ruber* Lacepède [B. G. E.], 1800:99, 100, Pl. 1 (fig. 2),  
*Petromyzon marinus unicolor* Gage [S. H.], 1928:163, Fig 1; Pls. 1-2,  
*Oceanomyzon wilsoni* Fowler [H. W.], 1908:462, Fig. 1,  
*Petromyzon americanus* Lesueur [C. A.], 1818:382]

Notes: [Systema Naturae, Ed. X v. 1; ref. 2787] Basel, Switzerland [Original "in Mari Europæo", European seas].

**Current status:** **Valid** as *Petromyzon marinus* Linnaeus, 1758. *Petromyzontidae*.

**Distribution:** Baltic Sea, Mediterranean Sea, Black Sea [formerly], European Atlantic, Greenland, western North Atlantic, and adjacent watersheds.

**Habitat:** freshwater, brackish, marine.

(*bairdii*) [Proceedings of the United States National Museum v. 6 (no. 380); ref. 1724] Gulf Stream off Cape Cod, Massachusetts, U.S.A., 40°02'N, 68°50'30"W, Albatross station 2048, depth 547 fathoms.

Current status: Synonym of *Petromyzon marinus* Linnaeus, 1758. *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*bicolor*) [Transactions of the American Philosophical Society v. 1; ref. 17515] Connecticut River, Northampton, Massachusetts, U.S.A.

Current status: Synonym of *Petromyzon marinus* Linnaeus, 1758. *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*dorsatus*) [Bulletin of the United States National Museum No. 16; ref. 2476] Cayuga Lake, New York, U.S.A.

Current status: Synonym of *Petromyzon marinus* Linnaeus, 1758. *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*lampetra*) [Zoographia Rosso-Asiatica v. 3; ref. 3351] Basel, Switzerland.

Current status: Synonym of *Petromyzon marinus* Linnaeus, 1758. *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*maculosus*) [Catalogue of fish collected and described by Laurence Theodore Gronow;



ref. 1911] England.

Current status: Synonym of *Petromyzon marinus* Linnaeus, 1758. *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*maximus*) [Le Règne Animal v. 2; ref. 993]

Current status: Synonym of *Petromyzon marinus* Linnaeus, 1758. *Petromyzontidae*.

(*nigricans*) [Transactions of the American Philosophical Society v. 1; ref. 17515] North America.

Current status: Synonym of *Petromyzon marinus* Linnaeus, 1758. *Petromyzontidae*.

(*ruber*) [Histoire naturelle des poissons (Lacépède) v. 2; ref. 2709] Seine River, France.

Current status: Synonym of *Petromyzon marinus* Linnaeus, 1758. *Petromyzontidae*.

(*unicolor*) [The lampreys of New York State; ref. 21352] Cayuga, Seneca, Ontario and Erie lakes.

Current status: Synonym of *Petromyzon marinus* Linnaeus, 1758. *Petromyzontidae*.

(*wilsoni*) [Proceedings of the Academy of Natural Sciences of Philadelphia v. 59 (for 1907); ref. 1378] Atlantic.

Current status: Synonym of *Petromyzon marinus* Linnaeus, 1758. *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

(*americanus*) [Transactions of the American Philosophical Society v. 1; ref. 17515] Philadelphia, Pennsylvania, U.S.A.

Current status: Synonym of *Petromyzon marinus* Linnaeus, 1758. *Petromyzontidae*.

Habitat: freshwater, brackish, marine.

## GENUS *Tetrapleurodon* Creaser & Hubbs, 1922 - lampreys

[=*Tetrapleurodon* (subgenus of *Entosphenus*) Creaser [C. W.] & Hubbs [C. L.], 1922:6]

Notes: [ref. 990]. Masc. *Lampetra spadicea* Bean, 1887. Type by original designation (also monotypic).

•Synonym of *Lampetra* Bonnaterre, 1788 -- (Castro-Aguirre et al. 1999:35 [ref. 24550]).

•Synonym of *Lampetra* Bonnaterre, 1788, but a valid

subgenus *Tetrapleurodon* as described -- (Bailey 1980:1627 [ref. 5253], Lyons et al. 1996:365

[ref. 25521]). •Valid as *Tetrapleurodon* Creaser & Hubbs, 1922 -- (Hubbs & Potter 1971:47

[ref. 13397], Naseka et al. 2009:16 [ref. 30402], Lang et al. 2009:44  
[ref. 31599], Renaud 2011:81 [ref. 31770]).

**Current status:** **Valid** as *Tetrapleurodon* Creaser & Hubbs, 1922. *Petromyzontidae*.

**Species** *Tetrapleurodon geminis* Álvarez, 1964 - **Mexican brook lamprey**

[=*Tetrapleurodon geminis* Álvarez [J.], 1964:121, Fig. 5]

**Notes:** [Anales de la Escuela Nacional de Ciencias Biológicas México v. 13 (nos 1-4); ref. 20548] Río Celio at Jacona, Michoacán, Mexico.

**Current status:** **Valid** as *Tetrapleurodon geminis* Álvarez, 1964. *Petromyzontidae*.

**Distribution:** Pacific slope of Mexico.

**Habitat:** freshwater.

**Species** *Tetrapleurodon spadiceus* (Bean, 1887) - **Mexican lamprey**

[=*Lampetra spadicea* Bean [T. H.], 1887:374, Pl. 20 (fig. 6)]

**Notes:** [Proceedings of the United States National Museum v. 10 (no. 637); ref. 14471] Guanajuato State, Mexico [possibly Jacona, in Michoacán State]

**Current status:** **Valid** as *Tetrapleurodon spadiceus* (Bean, 1887). *Petromyzontidae*.

**Distribution:** Pacific slope of Mexico.

**Habitat:** freshwater

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Unavailable names (*Petromyzontidae*)

(genera)

*Enneophthalmus* Billberg [G. J.], 1833:50 [ref. 34146]. Masc. Based on *Enneophthalmus* of Willughby 1686:107, Pl. G3, fig. 1 [ref. 30164], which is based on a drawing by L. Baldner. Genus indistinguishable within *Petromyzontidae*, therefore nomen nudum; see Kullander 2016:106 [ref. 34147]. *Petromyzontidae*.

**Lampreda** Rafinesque [C. S.], 1815:94 [ref. 3584]. Fem. As "*Lampreda* R. sp. do.," meaning *Lampreda* Rafinesque based on a species in the preceding listed genus [*Petromyzon*]. Not available, name only; probably intended for *Lampetra* of pre-Linnaean authors. *Petromyzontidae*.

**Pricus** Rafinesque [C. S.], 1815:94 [ref. 3584]. Masc. As *Prisca* R. sp. do.," meaning *Prisca* Rafinesque based on a species from a preceding genus [*Petromyzon*]. Not available, name only; probably intended for the pre-Linnaean name "pricka". *Petromyzontidae*.

(species)

***Petromyzon argenteus*** Nardo [G. D.] (ex Chiereghini), 1847:col. 109 [Sinonimia moderna delle specie registrate nell' opera intitolata: ...; ref. 17994] Venice, Italy, Adriatic Sea (Mediterranean Sea). No types known. Objectively invalid; preoccupied by *Petromyzon argenteus* Bloch, 1795. Also preoccupied by *Petromyzon argenteus* Kirtland, 1838. Also in Nardo 1860:86 [ref. 18470] and Ninni 1872:3 [ref. 17995]. •Treated as possibly a synonym of *Lampetra fluviatilis* (Linnaeus, 1758) -- (Kottelat 1997:27 [ref. 22952]). Current status: Uncertain as *Lampetra fluviatilis* (Linnaeus, 1758). *Petromyzontidae*. Habitat: freshwater, brackish, marine.

***Petromyzon caecus*** Couch [J.], 1832:23, Figs. 9-10 [Magazine of Natural History and Journal of Zoology, Botany, Minerology, Gelology, and Meterology v. 5 (no. 23, art. 4); ref. 5557] Cornwall, England. No types known. Not treated by Renaud 2011:63 [ref. 31770]. •Tentatively a synonym of *Lampetra planeri* (Bloch, 1784) -- (Kottelat 1997:28 [ref. 22952]). Current status: Uncertain as *Lampetra planeri* (Bloch, 1784). *Petromyzontidae*. Habitat: freshwater.

***Petromyzon lampetra*** Forsskål [P. S.], 1775:xviii [Descriptiones animalium (Forsskål); ref. 1351] Not available, name only; from Malta. *Petromyzontidae*.

***Petromyzon macrops*** Blainville [H. de], 1825:7, Pl. 2 (fig. 2) [Faune Française; ou histoire naturelle Livr. 13 & 14; ref. 4991] Large rivers of France. No types known. Not treated by Renaud 2011:58 [ref. 31770]. •Possible synonym of *Lampetra fluviatilis* (Linnaeus, 1758) -- (Kottelat 1997:27 [ref. 22952]). Current status: Uncertain as *Lampetra fluviatilis* (Linnaeus, 1758). *Petromyzontidae*. Habitat: freshwater, brackish, marine.

***Petromyzon adriaticus*** Nardo [G. D.] (ex Chiereghini), 1847:col. 109 [Sinonimia moderna delle specie registrate nell' opera intitolata: ...; ref. 17994] [Quarnero] Kvarner, Croatia, strait between Cres Island and Istra, Adriatic Sea (Mediterranean Sea). No types known. Also in Nardo 1860:86 [ref. 18470] and Ninni 1872:1 [ref. 17995]. Not treated by Renaud 2011:78 [ref. 31770]. •Questionably a synonym of *Petromyzon marinus* Linnaeus, 1758 -- (Kottelat 1997:29 [ref. 22952]). Current status: Uncertain as *Petromyzon marinus* Linnaeus, 1758. *Petromyzontidae*. Habitat: freshwater, brackish, marine.

***Petromyzon leucopterus*** Rafinesque [C. S.], 1818:205 [American Monthly Magazine and Critical Review v. 2 (no. 3); ref. 13337] Delaware River and Philadelphia, Pennsylvania, U.S.A. No types known. *Petromyzontidae*.

***Petromyzon maurari*** DeKay [J. E.], 1840:12 [N.Y. Assembly Document 50; ref. 29723] Original not seen. Name only, not available (New York, U.S.A.). *Petromyzontidae*.

***Petromyzon nigrum*** Rafinesque [C. S.], 1820:251 [Western Revue and Miscellaneous Magazine: a monthly publ., devoted to literature and science, Lexington, KY v. 3 (no. 4); ref. 5088] Ohio River, U.S.A. Also in Rafinesque 1820:84 [ref. 3592]. Objectively invalid; preoccupied by *Petromyzon niger* Lacepède, 1802. *Petromyzontidae*