

**FAMILY *Lepisosteidae*** Bonaparte, 1835 - gars

[=*Osteosomes*, *Psallisostomidae*]

Notes: “les lépisostées de ...” Cuvier 1824:307 [ref. 32592] (no family-group name)

*Lepidosteidae* Bonaparte, 1835:[8] [ref. 32242] (family) *Lepisosteus* [also as subfamily *Lepidosteini*; *Lepidosteus* inferred from the stem, name must be corrected Article 32.5.3; corrected to *Lepisosteidae* by Guichenot 1839:2 [ref. 33128], confirmed by Adams in Adams, Baikie & Barron 1854:93 [ref. 31954] and by Jordan & Evermann 1896a:108 [ref. 2443]]

*Ostéosomes* Guichenot, 1839:2 [ref. 33128] (family) *Lepisosteus* [no stem of the type genus, not available, Article 11.7.1.1]

*Psallisostomidae* Fowler, 1906a:81 [ref. 1371] (family) *Psallisostomus* Fowler [also Fowler 1906d:88 [ref. 7112] and Fowler 1907c:6 [ref 32671]]

**GENUS *Atractosteus*** Rafinesque, 1820 - gars

[=*Atractosteus* (subgenus of *Lepisosteus*) Rafinesque [C. S.], 1820:171]

Notes: [ref. 7306]. Masc. *Lepisosteus* (*Atractosteus*) *ferox* Rafinesque, 1820. Type by monotypy. Also in Rafinesque 1820:75 (Dec.) [ref. 3592]. See Grande 2010:292 [ref. 31167] for included fossil synonyms. •Synonym of *Lepisosteus* Lacepède, 1803 – (Suttkus 1963:69 [ref. 7110]). •Valid as *Atractosteus* Rafinesque, 1820 -- (Wiley 1976:61 [ref. 7091]); or a valid subgenus of *Lepisosteus* (e.g., Robins et al. 1980:70 [ref. 7111]). •Valid as *Atractosteus* Rafinesque, 1820 -- (Wiley 2003:673 [ref. 26988], Ferraris in Reis et al. 2003:29 [ref. 27061], Grande 2010:292 [ref. 31167], Wright et al. 2012:850 [ref. 32445]. Angulo et al. 2013:989 [ref. 33194]).

**Current status**: Valid as *Atractosteus* Rafinesque, 1820. *Lepisosteidae*.

**Species *Atractosteus spatula*** (Lacépède, 1803) - alligator gar

[=*Lepistosteus spatula* Lacepède [B. G. E.], 1803:331, 334, Pl. 6 (fig. 2),

*Litholepis adamantinus* Rafinesque [C. S.], 1818:447,

*Lepisosteus* (*Atractosteus*) *berlandieri* Girard [C. F.], 1858:353,

*Esox cepedianus* Shaw [G.], 1804:117, Pl. 110,

*Lepisosteus ferox* Rafinesque [C. S.], 1820:171,

*Atractosteus lucius* Duméril [A. H. A.], 1870:364]

Notes: [Histoire naturelle des poissons (Lacepède) v. 5; ref. 4930] No locality [North America].

**Current status:** **Valid** as *Atractosteus spatula* (Lacepède, 1803). *Lepisosteidae*.

**Distribution:** North America: central and southern U.S.A. and northern Mexico.

**Habitat:** freshwater, brackish.

(*adamantinus*) [American Monthly Magazine and Critical Review v. 3 (no. 6) (art. 6) (Oct.); ref. 3587] Ohio, Wabash, Green rivers, etc., U.S.A.

Current status: Synonym of *Atractosteus spatula* (Lacepède, 1803). *Lepisosteidae*. Habitat: freshwater, brackish.

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

Current status: Synonym of *Atractosteus spatula* (Lacepède, 1803). *Lepisosteidae*. Habitat: freshwater, brackish.

(*cepedianus*) [General zoology or systematic natural history; ref. 4015] American seas and rivers.

Current status: Synonym of *Atractosteus spatula* (Lacepède, 1803). *Lepisosteidae*. Habitat: freshwater, brackish.

(*ferox*) [Western Revue and Miscellaneous Magazine v. 3 (no. 3); ref. 7306] Mississippi River and Lake Pontchartrain, the Mobile, Red River, Lower Ohio, etc., eastern U.S.A.

Current status: Synonym of *Atractosteus spatula* (Lacepède, 1803). *Lepisosteidae*. Habitat: freshwater, brackish.

(*lucius*) [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] Tampico, Mexico.

Current status: Synonym of *Atractosteus spatula* (Lacepède, 1803). *Lepisosteidae*. Habitat: freshwater, brackish.

**Species** *Atractosteus tristoechus* (Bloch & Schneider, 1801) - **Cuban gar**

[=*Esox tristoechus* Bloch [M. E.] & Schneider [J. G.], (ex Parra), 1801:395,

*Lepidosteus manjuari* Poey [F.] 1853:273, 438, 450, Pls. 28-30, 31 (figs. 1-5)]

Notes: [M. E. Blochii, Systema Ichthyologiae; ref. 471] Locality not stated [Havana, Cuba].

**Current status:** **Valid** as *Atractosteus tristoechus* (Bloch & Schneider, 1801). *Lepisosteidae*.

**Distribution:** Caribbean Islands: Cuba and Isle of Pines.

**Habitat:** freshwater.

(*manjuari*) [Memorias sobre la historia natural de la Isla de Cuba v. 1; ref. 3497] Cuba.

Current status: Synonym of *Atractosteus tristoechus* (Bloch & Schneider, 1801). *Lepisosteidae*. Habitat: freshwater.

**Species** *Atractosteus tropicus* Gill, 1863 - **tropical gar**

[=*Atractosteus ropicus* Gill [T. N.], 1863:172]

**Notes:** [Proceedings of the Academy of Natural Sciences of Philadelphia v. 15; ref. 1681] Costa Rica, western coast of Central America.

**Current status:** **Valid** as *Atractosteus tropicus* Gill, 1863. *Lepisosteidae*.

**Distribution:** Southern Mexico and Central America: Belize, Costa Rica, Guatemala, Honduras, Mexico and Nicaragua.

**Habitat:** freshwater, brackish.

**GENUS** *Lepisosteus* Lacépède, 1803 - **gars**

[=*Lepisosteus* Lacépède [B. G. E.], 1803:331, *Cylindrosteus* (subgenus of *Lepisosteus*) Rafinesque [C. S.], 1820:168,

*Litholepis* Rafinesque [C. S.], 1818:445, *Psalidostomus* Minding [J.], 1832:121,

*Psallisostomus* Walbaum [J. J.], (ex Klein) 1792:581, *Sarchirus* Rafinesque [C. S.], 1818:418]

**Notes:** [ref. 4930]. Masc. *Lepisosteus gavial* Lacépède, 1803. Type by subsequent designation. Type designated by Jordan & Gilbert 1877:84 [ref. 4907].

*Lepidosteus* of authors is an incorrect subsequent spelling or unjustified emendation (see Briggs 1961:162 [ref. 13439]). Original spelling of species is *gravial*; often cited as *gravialis*. •Valid as *Lepisosteus* Lacépède, 1803 -- (Suttkus 1963 [ref. 7110], Wiley 1976:41 [ref. 7091], Jenkins & Burkhead 1994:196 [ref. 21581], Wiley 2003:674 [ref. 26988], Grande 2010:27 [ref. 31167], Wright et al. 2012:848 [ref. 32445]).

**Current status:** **Valid** as *Lepisosteus* Lacépède, 1803. *Lepisosteidae*.

(*Cylindrosteus*) [ref. 7306]. Masc. *Lepisosteus (Cylindrosteus) platostomus* Rafinesque, 1820. Type by subsequent designation.

Type designated by Jordan & Copeland 1877:160 [ref. 5961]. Also in Rafinesque 1820:72 (Dec.) [ref. 3592].

•Synonym of *Lepisosteus* Lacepède, 1803 -- (Suttkus 1963:69 [ref. 7110], Wiley 1976:41 [ref. 7091], Grande 2010:27 [ref. 31167]). Current status: Synonym of *Lepisosteus* Lacepède, 1803. *Lepisosteidae*.

(*Litholepis*) [ref. 3587]. Fem. *Litholepis adamantinus* Rafinesque, 1818. Type by monotypy. Regarded (e.g., by Jordan 1917:109 [ref. 2407]) as based on a mythical gar, but original description is reasonably correct for *Lepisosteus spatula* (see Markle 1997:445 [ref. 23370]). •Synonym of *Lepisosteus* Lacepède, 1803 -- (Suttkus 1963:69 [ref. 7110], Grande 2010:27 [ref. 31167]). Current status: Synonym of *Lepisosteus* Lacepède, 1803. *Lepisosteidae*.

(*Psalidostomus*) [ref. 3022]. Masc. *Esox osseus* Linnaeus, 1758. Misprinted on p. 121 as *Palidostomus*, corrected in corrigenda after p. 131. An objective synonym of *Lepisosteus* Lacepède, 1803. •Synonym of *Lepisosteus* Lacepède, 1803 -- (Grande 2010:27 [ref. 31167]). Current status: Synonym of *Lepisosteus* Lacepède, 1803. *Lepisosteidae*.

(*Psallisostomus*) [ref. 4572]. Masc. *Esox osseus* Linnaeus, 1758. Type by subsequent designation. Not available, published in a part of work rejected for nomenclatural purposes in Opinion 21 (1938). Based on Klein 1744:23 [ref. 30141], with reference to 'Acus Piscis' of Willughby 1686:App. p. 2, Pl. 3, fig. 2 [ref. 30164]. Probably can date to Fowler 1906:89 [ref. 7112, month uncertain] with type by monotypy (also Fowler 1906:81 [ref. 1371, 26 July 1906]).

•In the synonymy of *Lepisosteus* Lacepède, 1803. Current status: Synonym of *Lepisosteus* Lacepède, 1803. *Lepisosteidae*.

(*Sarchirus*) [ref. 3588]. Masc. *Sarchirus vittatus* Rafinesque, 1818. Type by monotypy. Rafinesque 1818:418 published 7 Nov.; also appeared in Nov. in Rafinesque 1818:41 [ref. 3589]. •Synonym of *Lepisosteus* Lacepède, 1803 -- (Suttkus 1963:69 [ref. 7110], Wiley 1976:41 [ref. 7091], Grande 2010:27 [ref. 31167]).

Current status: Synonym of *Lepisosteus* Lacepède, 1803. *Lepisosteidae*.

### Species *Lepisosteus oculatus* Winchell, 1864 - spotted gar

[=*Lepidosteus (Cylindrosteus) oculatus* Winchell [A.], 1864:183,

*Cylindrosteus agassizii* Duméril [A. H. A.], 1870:351,

*Cylindrosteus bartonii* Duméril [A. H. A.], 1870:356, *Cylindrosteus productus* Cope [E. D.], 1865:86]

Notes: [Proceedings of the Academy of Natural Sciences of Philadelphia v. 16 (no. 4); ref. 14182] Duck Lake, Calhoun County,

Michigan, U.S.A.

**Current status:** Valid as *Lepisosteus oculatus* Winchell, 1864. *Lepisosteidae*.

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

**Habitat:** freshwater, brackish.

(*agassizii*) [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] St. Louis, Missouri, U.S.A.

Current status: Synonym of *Lepisosteus oculatus* Winchell, 1864. *Lepisosteidae*. Habitat: freshwater, brackish.

(*bartonii*) [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] New Orleans, Louisiana, U.S.A.

Current status: Synonym of *Lepisosteus oculatus* Winchell, 1864. *Lepisosteidae*. Habitat: freshwater, brackish.

(*productus*) [Proceedings of the Academy of Natural Sciences of Philadelphia v. 17; ref. 907] Near San Antonio, Texas, U.S.A. Current status: Synonym of *Lepisosteus oculatus* Winchell, 1864. *Lepisosteidae*. Habitat: freshwater, brackish.

**Species** *Lepisosteus osseus* (Linnaeus, 1758) - **longnose gar**

[=*Esox osseus* Linnaeus [C.], 1758:313, *Sarchirus argenteus* Rafinesque [C. S.], 1820:86,  
*Lepisosteus ayresii* Duméril [A. H. A.], 1870:331,  
*Lepisosteus bison* DeKay [J. E.], 1842:271, Pl. 43 (fig. 139),  
*Lepisosteus clintonii* Duméril [A. H. A.], 1870:338,  
*Lepisosteus copei* Duméril [A. H. A.], 1870:332, *Lepisosteus crassus* Cope [E. D.], 1865:86,  
*Lepisosteus elisabeth* Duméril [A. H. A.], 1870:336, *Lepisosteus gavial* Lacepède [B. G. E.], 1803:331, 333,  
*Lepisosteus gracilis* Richardson [J.], (ex Agassiz), 1836:240,  
*Lepidosteus harlani* Duméril [A. H. A.], 1870:329, Pl. 21 (figs. 1a, 1b),  
*Lepidosteus horatii* Duméril [A. H. A.], 1870:341, *Lepisosteus huronensis* Richardson [J.], 1836:237,  
*Lepidosteus lamarii* Duméril [A. H. A.], 1870:337, *Lepidosteus leptorhynchus* Girard [C. F.], 1858:351,  
*Lepidosteus lesueurii* Duméril [A. H. A.], 1870:335, *Lepisosteus lineatus* Thompson [Z.], 1842:145, Fig.,  
*Lepisosteus longirostris* Rafinesque [C. S.], 1820:171,  
*Macronathus loricatus* Gronow [L. T.], in Gray, 1854:148,

*Lepidosteus louisianensis* Duméril [A. H. A.], 1870:343, Pl. 22 (fig. 3),  
*Lepidosteus milberti* Duméril [A. H. A.], 1870:328,  
*Esox niloticus* Perry [G.], 1811:no p., Pl. LXIV, *Lepidosteus otarius* Cope [E. D.], 1865:86, 87,  
*Lepisosteus oxyurus* Rafinesque [C. S.], 1820:170, *Lepidosteus piquotianus* Duméril [A. H. A.], 1870:340,  
*Lepidosteus rostratus* Cuvier [G.], in Richardson, 1836:238,  
*Lepidosteus smithii* Duméril [A. H. A.], 1870:330,  
*Lepisosteus stenorhynchus* Rafinesque [C. S.], 1818:447,  
*Lepidosteus thompsonii* Duméril [A. H. A.], 1870:342,  
*Lepisosteus treculii* Duméril [A. H. A.], 1870:327, *Lepidosteus troostii* Duméril [A. H. A.], 1870:339,  
*Esox viridis* Bonnaterre [J. P.], (ex Catesby), 1788:174, Pl. 71 (fig. 293),  
*Esox viridis* Gmelin [J. F.], (ex Catesby), 1789:1389,  
*Sarchirus vittatus* Rafinesque [C. S.], 1818:419, Pl. 17 (fig. 2)]

Notes: [Systema Naturae, Ed. X v. 1; ref. 2787] North America.

**Current status:** **Valid** as *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*.

**Distribution:** North America from Canada to Mexico.

**Habitat:** freshwater, brackish.

(*argenteus*) [Ichthyologia Ohiensis; ref. 3592] Licking River and Slate Creek; Ohio River drainage, U.S.A.

Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish.

(*ayresii*) [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] Wabash River, Illinois, U.S.A.

Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish.

(*bison*) [Zoology of New-York; ref. 1098] Buffalo, Lake Erie; lakes of western districts, New York, U.S.A.

Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish.

(*clintoni*) [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] No locality.

Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish.

(*copei*) [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] Northern North America.

Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish. (*crassus*) [Proceedings of the Academy of Natural Sciences of Philadelphia v. 17; ref. 907] Probably in brackish water at Bombay Hook, near the mouth of Delaware River, U.S.A.

Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish. (*elisabeth*) [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] No locality.

Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish. (*gavial*) [Histoire naturelle des poissons (Lacepède) v. 5; ref. 4930] Lakes and rivers of the two Indies.

Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish. (*gracilis*) [Fauna Boreali-Americana Part 3; ref. 3731]

Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish. (*harlani*) [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] Wabash River, Illinois, U.S.A.

Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish. (*horatii*) [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] Northern North America.

Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish. (*huronensis*) [Fauna Boreali-Americana Part 3; ref. 3731] Peneteugishene, Lake Huron; also Lake Ontario and Lake Huron.

Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish. (*lamarii*) [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] Northern North America.

Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish. (*leptorhynchus*) [General report upon zoology of the several Pacific railroad routes, 1857; ref. 4911] Devil's River, Texas, U.S.A. Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish.

(*lesueurii*) [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] Wabash River, Illinois, U.S.A.

Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish. (*lineatus*) [History of Vermont, natural, civil, and statistical; ref. 17908] Winooski River in Burlington, Vermont, U.S.A.

Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish. (*longirostris*) [Western Revue and Miscellaneous Magazine v. 3 (no. 3); ref. 7306] Muskingum River, Ohio, U.S.A.

Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish.  
(*loricatus*) [Catalogue of fish collected and described by Laurence Theodore Gronow; ref. 1911] Indian and American oceans. Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish.  
(*louisianensis*) [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] New Orleans, Louisiana, U.S.A.  
Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish.  
(*milberti*) [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] New York, U.S.A.  
Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish.  
(*niloticus*) [Ichthyology. In: Arcana; or The Museum of Natural History v. 1; ref. 12255] Uncertain locality [North America].  
Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish.  
(*otarius*) [Proceedings of the Academy of Natural Sciences of Philadelphia v. 17; ref. 907] Platte River near Fort Riley, Kansas, U.S.A.  
Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish.  
(*oxyurus*) [Western Revue and Miscellaneous Magazine v. 3 (no. 3); ref. 7306] Ohio River, U.S.A.  
Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish.  
(*piquotianus*) [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] North America.  
Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish.  
(*rostratus*) [Narrative of the Arctic land expedition; ref. 3730]  
Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish.  
(*smithii*) [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] Upper Mississippi River, U.S.A.  
Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish.  
(*stenorhynchus*) [American Monthly Magazine and Critical Review v. 3 (no. 6) (art. 6) (Oct.); ref. 3587]  
Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*.  
(*thompsonii*) [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] Upper Mississippi River, U.S.A.  
Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish.  
(*treculii*) [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] State of Mississippi, U.S.A.



Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish.

(*troostii*) [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] New York, U.S.A.

Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish.

(*viridis*) [Tableau encyclopédique et méthodique des trois règnes de la nature... Ichthyologie; ref. 4940] Ponds and freshwater rivers of Virginia, U.S.A.

Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish.

(*viridis*) [Caroli a Linné ... Systema Naturae per regna tria naturae v. 1 (pt 3); ref. 18139] Ponds and freshwater rivers of Virginia, U.S.A.

Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish.

(*vittatus*) [Journal of the Academy of Natural Sciences, Philadelphia v. 1(pt 2); ref. 3588] Lower Ohio River, U.S.A.

Current status: Synonym of *Lepisosteus osseus* (Linnaeus, 1758). *Lepisosteidae*. Habitat: freshwater, brackish.

**Species** *Lepisosteus platostomus* Rafinesque, 1820 - **shortnose gar**

[=*Lepisosteus platostomus* Rafinesque [C. S.], 1820:168, *Lepisosteus albus* Rafinesque [C. S.], 1820:169, *Lepidossteus platystomus* Günther [A.], 1870:329, *Cylindrosteus rafinesquii* Duméril [A. H. A.], 1870:352, *Cylindrosteus scabriceps* Fowler [H. W.], 1911:607, Pl. 38 (figs. 8-9)]

Notes: [Western Revue and Miscellaneous Magazine v. 3 (no. 3); ref. 7306] U.S.A.

**Current status:** **Valid** as *Lepisosteus platostomus* Rafinesque, 1820. *Lepisosteidae*.

**Distribution:** Central and south-central U.S.A.

**Habitat:** freshwater.

(*albus*) [Western Revue and Miscellaneous Magazine v. 3 (no. 3); ref. 7306] Ohio River, U.S.A.

Current status: Synonym of *Lepisosteus platostomus* Rafinesque, 1820. *Lepisosteidae*. Habitat: freshwater.

(*platystomus*) [Catalogue of the fishes in the British Museum v. 8; ref. 1995]

Current status: Synonym of *Lepisosteus platostomus* Rafinesque, 1820. *Lepisosteidae*. Habitat: freshwater.

(*rafinesquii*) [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] U.S.A.

Current status: Synonym of *Lepisosteus platostomus* Rafinesque, 1820. *Lepisosteidae*. Habitat: freshwater.  
(*scabriceps*) [Proceedings of the Academy of Natural Sciences of Philadelphia v. 62 (for 1910); ref. 17599] Leavenworth, Kansas, U.S.A.

Current status: Synonym of *Lepisosteus platostomus* Rafinesque, 1820. *Lepisosteidae*. Habitat: freshwater.

**Species** *Lepisosteus platyrhincus* DeKay, 1842 - **Florida gar**

[=*Lepisosteus platyrhincus* DeKay [J. E.], 1842:273, Pl. 43 (fig. 137),

*Cylindrosteus castelnaudii* Duméril [A. H. A.], 1870:355, Pl. 21 (figs. 2, 2a, 2b),

*Cylindrosteus megalops* Fowler [H. W.], 1911:609, Pl. 38 (figs. 15-16)]

Notes: [Zoology of New-York; ref. 1098] Florida and the western rivers, U.S.A.

**Current status**: **Valid** as *Lepisosteus platyrhincus* DeKay, 1842. *Lepisosteidae*.

**Distribution**: Southeastern North America: Florida and Georgia (U.S.A.).

**Habitat**: freshwater.

(*castelnaudii*) [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] Lake Lafayette, Florida, U.S.A.

Current status: Synonym of *Lepisosteus platyrhincus* DeKay, 1842. *Lepisosteidae*. Habitat: freshwater.

(*megalops*) [Proceedings of the Academy of Natural Sciences of Philadelphia v. 62 (for 1910); ref. 17599] Bayport, Florida, U.S.A. Current status: Synonym of *Lepisosteus platyrhincus* DeKay, 1842. *Lepisosteidae*. Habitat: freshwater

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Unavailable names, uncertain taxa

(genera)

*Acus* Catesby [M.], 1771:30 [ref. 774]. Fem. Not available; published in a rejected work on Official Index (Opinion 89, Opinion 259).

*Lepisosteidae*.

*Psalisostomus* Klein [J. T.], 1781:154 [ref. 4926]. Masc. Not available, published in a work that does not conform to the principle of binominal nomenclature. Original not checked. *Lepisosteidae*.

(species)

*Atractosteus bocourti* Duméril [A. H. A.], 1870:367, Pl. 22 (fig. 1) [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] Perhaps available, name not originally treated as valid (Art. 11.5 of the Code). *A. bocourti* used on Pl. 22, but on p. 11 of Table of plates and text page 367 it is treated as synonym of *Atractosteus tropicus* ("sous le nom de Atract. Borcourti"). MNHN has a holotype as MNHN 5670. *Lepisosteidae*.

*Lepidosteus chasei* Wailes [B. L. C.], 1854:333, 337 [Report on the agriculture and geology of Mississippi; ref. 24087] Mississippi, U.S.A. Holotype (unique): Coll. Rev. Benjamin Chase, Natchez (probably lost). Original genus should have been *Lepisosteus*; spelled Chasei on p. 333 and Chaseii on p. 337. Undescribed dark phase of the alligator gar, or the species now called *L. productus* Cope [= *Lepisosteus oculatus* Winchell, 1864] (Cook 1959:60 [ref. 24088]). •Probably a synonym of [*Atractosteus*] *Lepisosteus spatula* Lacepède, 1803 -- (W. J. Poly, pers. comm. Nov. 99). Current status: Uncertain as *Atractosteus spatula* (Lacepède, 1803). *Lepisosteidae*. Habitat: freshwater, brackish.

*Lepisosteus fluviatilis* Rafinesque [C. S.] (ex Lacepède), 1818:354 [American Monthly Magazine and Critical Review v. 3 (no. 5) (art. 3) (Sept.); ref. 3586] Name only, not available. *Lepisosteidae*.

*Lepisosteus (Cylindrosteus) latirostris* Girard [C. F.], 1858:352 [General report upon zoology of the several Pacific railroad routes, 1857; ref. 4911] Pecos River, New Mexico/Texas, U.S.A. Holotype (unique): USNM 984. •Possible senior synonym of *Lepisosteus oculatus* Winchell, 1864 -- (Wiley 1976:58 [ref. 7091]). *Lepisosteidae*. Habitat: freshwater, brackish.

*Lepisosteus robolo* Lacepède [B. G. E.], 1803:332, 334 [Histoire naturelle des poissons (Lacepède) v. 5; ref. 4930] Chile. Not this family or locality is in error. *Lepisosteidae*.

*Cylindrosteus zadockii* Duméril [A. H. A.], 1870:353 [Histoire naturelle des poissons ou ichthyologie générale v. 2; ref. 1147] Upper Mississippi River, U.S.A. Syntypes: MNHN 0000-5799 (1, mounted), 5800 (1, mounted). Type catalog: Bertin 1940:258 [ref. 293]. •Questionably a synonym of *Lepisosteus oculatus* Winchell, 1864 -- (Wiley 1976:58 [ref. 7091], Grande 2010:187 [ref. 31167]). Current status: Uncertain as *Lepisosteus oculatus* Winchell, 1864. *Lepisosteidae*. Habitat: freshwater, brackish.