

**FAMILY *Polyodontidae*** Bonaparte, 1835 - **paddlefishes**

[=*Eleutheropomes*, *Phyllorhynchi*, *Prionidae*, *Spatulariae*, *Psephurini*]

Notes: *Eleutheropomes* Duméril, 1805:105 [ref. 1151] (family) ? *Polyodon* [no stem of the type genus, not available, Article 11.7.1.1]

*Phyllorhynchi* Latreille, 1825:114 [ref. 31889] (family) *Polyodon* [no stem of the type genus, not available, Article 11.7.1.1]

*Polyodontidae* Bonaparte, 1835:[7] [ref. 32242] (family) *Polyodon* [genus inferred from the stem, Article 11.7.1.1]

*Prionidae* Swainson, 1838:227, 231 [ref. 4302] (family) *Polyodon* [also Swainson 1839:193, 322 [ref. 4303]; not based on *Prionodon* Müller & Henle, 1838; no stem of the type genus, not available, Article 11.7.1.1]

*Spatulariae* Müller, 1845:119, 137 [ref. 32591] (family) *Spatularia* [also Müller 1846:203 [ref. 13283]]

*Psephurini* Grande & Bemis, 1991:113 [ref. 19936] (tribe) *Psephurus*

**GENUS *Polyodon*** Lacepede, 1797 - **paddlefishes**

[=*Polyodon* Lacepède [B. G. E.], 1797:49, *Megarhinus* Rafinesque [C. S.], 1820:251,

*Platirostra* Lesueur [C. A.], 1818:227,

*Polyodon* Bloch [M. E.] & Schneider [J. G.], 1801:457,

*Proceros* Rafinesque [C. S.], 1820:87, *Spatularia* Shaw [G.], 1804:362]

Notes: [ref. 2707]. Masc. *Polyodon feuille* Lacepède, 1797. Type by monotypy.

•Valid as *Polyodon* Lacepède, 1797 -- (Grande & Bemis 1991:111 [ref. 19936], Jenkins & Burkhead 1994:191 [ref. 21581], Bogutskaya & Sokolov 1998:23 [ref. 23572], Bogutskaya & Naseka 2004:27 [ref. 28183], Kottelat & Freyhof 2007:60 [ref. 29996]).

**Current status:** Valid as *Polyodon* Lacepède, 1797. *Polyodontidae*.

(*Megarhinus*) [ref. 5088]. Masc. *Megarhinus paradoxus* Rafinesque, 1820. Type by monotypy. Also in Rafinesque 1820:83 (Dec.) [ref. 3592].

*Megarhinus paradoxus* mentioned in passing as "his" name for  
*Platirostra edentula* Lesueur, 1818:227. •Synonym of *Polyodon* Lacepède, 1797.  
Current status: Synonym of *Polyodon* Lacepède, 1797. *Polyodontidae*.  
(*Platirostra*) [ref. 2735]. Fem. *Platirostra edentula* Lesueur, 1818. Type by monotypy. *Planirostra*,  
*Planinostra*, and *Platyrostra* are misspellings. •Synonym of *Polyodon* Lacepède, 1797.  
Current status: Synonym of *Polyodon* Lacepède, 1797. *Polyodontidae*.  
(*Polyodon*) [ref. 471]. Masc. *Polyodon folium* Bloch & Schneider, 1801. Type by monotypy.  
•Objective synonym of *Polyodon* Lacepède, 1797.  
Current status: Synonym of *Polyodon* Lacepède, 1797. *Polyodontidae*.  
(*Proceros*) [ref. 3592]. Masc. *Proceros maculatus* Rafinesque, 1820. Type by subsequent designation.  
Type designated by Jordan & Gilbert 1877:87  
[ref. 4907]. Description poor, second-hand; perhaps mythical. Usually regarded as a synonym of  
*Polyodon* Lacepède, 1797.  
Current status: Synonym of *Polyodon* Lacepède, 1797. *Polyodontidae*.  
(*Spatularia*) [ref. 4015]. Fem. *Spatularia reticulata* Shaw, 1804. Type by monotypy.  
•Synonym of *Polyodon* Lacepède, 1797.  
Current status: Synonym of *Polyodon* Lacepède, 1797. *Polyodontidae*.

**Species** *Polyodon spathula* (Walbaum, 1792) - **paddlefish**

[=*Squalus spathula* Walbaum [J. J.], 1792:522,  
*Platirostra edentula* Lesueur [C. A.], 1818:228,  
*Polyodon feuille* Lacepède [B. G. E.], 1797:49,  
*Polyodon folium* Bloch [M. E.] & Schneider [J. G.], 1801:457, Pl 62 (fig. 1),  
*Accipenser lagenarius* Rafinesque [C. S.], 1820:86,  
*Proceros maculatus* Rafinesque [C. S.], 1820:87,  
*Proceros vittatus* Rafinesque [C. S.], 1820:87]

Notes: [Petri Artedi sueci genera piscium Part 3; ref. 4572] Louisiana, the Mississippi River, U.S.A.

**Current status:** **Valid** as *Polyodon spathula* (Walbaum, 1792). *Polyodontidae*.

**Distribution:** North America; introduced elsewhere.

**Habitat:** freshwater.

(*edentula*) [Journal of the Academy of Natural Sciences, Philadelphia v. 1 (pt 2); ref. 2735] Ohio River, U.S.A.

Current status: Synonym of *Polyodon spathula* (Walbaum, 1792). *Polyodontidae*.

Habitat: freshwater.

(*feuille*) [Bulletin de la Société Philomathique de Paris v. 1 (pt 2, no. 7); ref. 2707] No locality.

Current status: Synonym of *Polyodon spathula* (Walbaum, 1792). *Polyodontidae*.

Habitat: freshwater.

(*folium*) [M. E. Blochii, Systema Ichthyologiae; ref. 471] Mississippi River, American Louisiana., U.S.A.

Current status: Synonym of *Polyodon spathula* (Walbaum, 1792). *Polyodontidae*.

Habitat: freshwater.

(*lagenarius*) [Ichthyologia Ohiensis; ref. 3592] Ohio, U.S.A.

Current status: Synonym of *Polyodon spathula* (Walbaum, 1792). *Polyodontidae*.

Habitat: freshwater.

(*maculatus*) [Ichthyologia Ohiensis; ref. 3592] St. Genevieve, Missouri, U.S.A. No types known.

Current status: Synonym of *Polyodon spathula* (Walbaum, 1792). *Polyodontidae*.

Habitat: freshwater.

(*vittatus*) [Ichthyologia Ohiensis; ref. 3592] Lake Ontario, North America.

Current status: Synonym of *Polyodon spathula* (Walbaum, 1792). *Polyodontidae*.

Habitat: freshwater.

GENUS ***Psephurus*** Günther, 1873 - **paddlefishes**

[=*Psephurus* Günther [A.], 1873:250]

Notes: [ref. 2004]. Masc. *Polyodon gladius* Martens, 1862. Type by monotypy.

•Valid as *Psephurus* Günther, 1873 -- (Liu & Zeng 1988 [ref. 6414], Grande & Bemis 1991:109 [ref. 19936], Chen in Chen 1998:38 [ref. 23556], Kottelat & Freyhof 2007:60 [ref. 29996]).

**Current status:** Valid as *Psephurus* Günther, 1873. *Polyodontidae*.

**Species** *Psephurus gladius* (Martens, 1862) - **Chinese paddlefish**

[=*Polyodon gladius* Martens [E. von], 1862:476,

*Spatularia (Polyodon) angustifolium* Kaup [J. J.], 1862:278]

**Notes:** [Monatsberichte der Königlichen Preuss[ischen] Akademie der Wissenschaften zu Berlin v. For 1861; ref. 17603] Chang Jiang [Yangtze River], China.

**Current status:** Valid as *Psephurus gladius* (Martens, 1862). *Polyodontidae*.

**Distribution:** China.

**Habitat:** freshwater.

(*angustifolium*) [Archiv für Naturgeschichte v. 28 (pt 1); ref. 18375] Japanese Sea.

Current status: Synonym of *Psephurus gladius* (Martens, 1862). *Polyodontidae*.

Habitat: freshwater

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Unavailable names, uncertain taxa

***Polyodon pristis*** Rafinesque [C. S.], 1818:354 [American Monthly Magazine and Critical Review v. 3 (no. 5) (art. 3) (Sept.); ref. 3586] Not available, name only; from the Ohio River, U.S.A. *Polyodontidae*.

***Spatularia reticulata*** Shaw [G.], 1804:362, Pl. 156 [General zoology or systematic natural history; 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*.