

ON THE GENERA OF NORTH AMERICAN FRESH-WATER FISHES.

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In the present paper, the authors design to give in strict chronological order the names of all the genera thus far proposed which have been based on species of North American fresh-water fishes.

In the chronological catalogue is given under the head of each genus (*a*) its author, (*b*) the place where it was first proposed, and (*c*) its type species. In case no species is designated, either explicitly or virtually, as the type of a genus, the species first mentioned as belonging to it is, according to general custom, considered as the intended type.

A discussion of synonyms is next given; and, finally, an alphabetic list of genera with the etymology of generic names completes the paper.

No distinction has been here made between names proposed for "genera" and for "subgenera." Most modern "subgenera" have been at some time regarded as "genera," and most "subgenera" have been proposed in the expectation that future writers would elevate them to generic rank.

Generic names used without any sort of definition (e. g., *Cheilobus*, *Glanis*, *Miniculus*, *Oplictis*, *Leptostoma*, etc., of Rafinesque, Am. Monthly Magazine) have been left unnoticed, except in cases (e. g., *Apeltes*, Dekay, *Pygosteus*, Brevoort) where reference to some previously known species as the type is in itself a sort of characterization.

The authors have endeavored to ensure accuracy in quotations. A few works, not at present accessible to them, have been cited at second hand. These cases are designated by the use of quotation marks.

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1766.	<i>Amia</i> , Linnæus, <i>Systema Naturæ</i> I.	500
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1798.	<i>Polyodon</i> , Lacépède, <i>Hist. Nat. des Poissons</i> I.	402
	" <i>P. feuille</i> ," Lac. 1798 (folium). (<i>Sine patria.</i>)	
1802.	<i>Micropterus</i> , Lacépède, " <i>Hist. Nat. des Poissons</i> IV."	324
	<i>M. dolomieu</i> , Lac. 1801. (<i>Sine patria.</i>)	

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1803.	Cyprinodon, Lacépède, Hist. Nat. des Poissons V. C. variegatus, Lac. 1803.	486
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1814.	Morone, Mitchill, Report in Part on Fishes of New York. Morone pallida, Mitch. 1814.	18
1814.	Roccus, Mitchill, Report in Part on Fishes of New York. R. striatus, Mitch. 1814.	25
1817.	Catostomus, LeSueur, Journal Acad. Nat. Sci. Phila. I. Cyprinus catostomus, Forster (C. hudsonius, LeS.).	89
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1865.	<i>Ericymba</i> , Cope, Proc. Acad. Nat. Sc. Phila. <i>E. buccata</i> , Cope, 1865.	88
1865.	<i>Stilbius</i> , Gill, Canadian Naturalist. <i>Cyprinus americanus</i> , Lacépède, 1800.	18
1865.	<i>Micristius</i> , Gill, Canadian Naturalist. <i>Fundulus zonatus</i> , Cuvier and Valenciennes.	24
1866.	<i>Luciotrutta</i> , Günther, Catalogue Fishes VI. <i>Salmo mackenzii</i> , Richardson, 1823.	164
1866.	<i>Limnurgus</i> , Günther, Catalogue Fishes VI. <i>L. variegatus</i> , Gnthr. 1866.	309
1866.	<i>Photogenis</i> , Cope, Trans. Am. Phil. Soc. <i>P. spilopterus</i> , Cope, 1866.	378
1867.	<i>Phenacobius</i> , Cope, Proc. Acad. Nat. Sc. Phila. <i>P. teretulus</i> , Cope, 1867.	96
1869.	<i>Hemioplites</i> , Cope, Journ. Acad. Nat. Sc. Phila. <i>H. simulans</i> , Cope, 1868.	217
1870.	<i>Hypohomus</i> , Cope, Proc. Am. Phil. Soc. <i>Cottogaster aurantiacus</i> , Cope, 1870.	449
1870.	<i>Labidesthes</i> , Cope, Proc. Am. Phil. Soc. <i>Chirostoma sicculum</i> , Cope, 1865.	455
1870.	<i>Hemitremia</i> , Cope, Proc. Am. Phil. Soc. <i>H. vittata</i> , Cope, 1870.	462
1870.	<i>Placopharynx</i> , Cope, Proc. Am. Phil. Soc. <i>P. carinatus</i> , Cope, 1870.	467
1872.	<i>Coliscus</i> , Cope, Hayden's Geol. Sur. Wyoming, 1870. <i>C. parietalis</i> , Cope, 1872.	437
1872.	<i>Sarcidium</i> , Cope, Hayden's Geol. Sur. Wyoming, 1870. <i>S. scopiferum</i> , Cope, 1872.	440
1872.	<i>Apocope</i> , Cope, Hayden's Geol. Sur. Wyoming, 1871. <i>A. carringtonii</i> , Cope, 1872.	472
1872.	<i>Protoporus</i> , Cope, Hayden's Geol. Sur. Wyoming, 1871. <i>P. dominus</i> , Cope, 1872.	473

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1872.	Myloleucus, Cope, Hayden's Geol. Sur. Wyoming. M. pulverulentus, Cope, 1872.	475
1873.	Plesioperca, LeVaillant, Nouvelles Archives du Mu- seum.	36
	P. anceps, LeV. 1874.	
1873.	Astatichthys, LeVaillant, Nouv. Arch. Mus. Etheostoma cærulea, Storer, 1845.	106
1874.	Plagopterus, Cope, Proc. Am. Phil. Soc. P. argentissimus, Cope, 1874.	130
1874.	Lepidomeda, Cope, Proc. Am. Phil. Soc. L. vittata, Cope, 1874.	131
1876.	Erimyzon, Jordan, Bull. Buff. Nat. Hist. Soc. Cyprinus oblongus, Mitchill, 1815.	95
1876.	Eritrema, Cope, Lieut. Wheeler's Survey west of 100th meridian.	645
	Apocope henshavi, Cope, 1876.	
1876.	Pantosteus, Cope, Lieut. Wheeler's Survey west of 100th meridian.	673
	Minomus platyrhynchus, Cope, 1874.	
1876.	Glossoplites, Jordan, Manual Vertebrates, E. U. S. Calliurus melanops, Girard, 1857.	233
1876.	Eutychelithus, Jordan, Manual Vertebrates, E. U. S. Corvina richardsonii, Cuvier and Valenciennes, 1830.	242
1876.	Eucalia, Jordan, Manual Vertebrates, E. U. S. Gasterosteus inconstans, Kirtland, 1840.	248
1876.	Lythrurus, Jordan, Manual Vertebrates, E. U. S. Semotilus diplemius, Rafinesque, 1820.	272
1876.	Erinemus, Jordan, Manual Vertebrates, E. U. S. Ceraticthys hyalinus, Cope, 1869.	279
1876.	Sternotremia, Nelson, Bull. Ill. Mus. Nat. Hist. S. isolepis, Nelson, 1876.	39
1876.	Copelandia, Jordan, Bull. Buff. Soc. Nat. Hist. C. eriarcha, Jord. 1876.	137
1876.	Xenisma, Jordan, Bull. Buff. Soc. Nat. Hist. X. stellifera, Jord. 1876.	142
1876.	Scaphirhynchops, Gill, Mss. in Jordan and Copeland Bull. Buff. Soc. Nat. Hist. Acipenser platorynchus, Rafinesque, 1820.	161

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1877.	Imostoma, Jordan, Proc. Acad. Nat. Sc. Phila. Hadropterus shumardii, Grd. 1859.	49
1877.	Xenotis, Jordan, Proc. Acad. Nat. Sc. Phila. Pomotis fallax, B. & G. 1854.	76
1877.	Episema, Cope & Jordan, Proc. Acad. Nat. Sc. Phila. Photogenis scabriceps, Cope, 1867.	77

II. SYNONYMS.

The members of each of the following sets of genera appear to be founded on the same type species. In case no type is suggested by the original author, one of the species mentioned by him must be selected as the type. By the rule of exclusion, now largely adopted by systematic writers, some one of the species left after different genera may have been subtracted is to be considered as the type of the original genus, whether such type be the species first mentioned or not. Of such exact synonyms only the name first proposed should be employed, according to the rules of zoological nomenclature, unless for some reason the prior name be not available. The name to be adopted is in italics.

<i>Type species.</i>	<i>Genera.</i>
Etheostoma variata Kirt.,	Pæcilosoma (preoccupied), Pæc- lichthys, Astatichthys.
Etheostoma olmstedii Storer,	Boleosoma, ? Arlina, Estrella.
Sciæna caprodes Raf.,	Percina, Pileoma, Asproperca.
Calliurus melanops Grd.,	Chænobryttus, Glossoplites.
Perca iridea Bosc.,	Centrarchus, Eucentrarchus.
Labrus salmoides Lac.	Micropterus, Calliurus, Lepomis, Aplites, Nemocampsis, Diopli- tes, Grystes.
Aplodinotus grunniens Raf.,	Aplodinotus (Haploidonotus), Amblodon.
Trigloopsis thompsoni Grd.,	Trigloopsis, Ptyonotus.
Lucania sp. incog. Grd.,	Girardinichthys, Limnurgus.
Percopsis guttatus Ag.,	Percopsis, Salmoperca.
Salmo mackenzii Rich.,	Stenodus, Luciotrutta.
Hiodon tergisus Le S.,	Hiodon (Hyodon), Glossodon (Raf.), Amphiodon, Clodalus, Glossodon (Heck.)

Type species.

Cyprinus cornutus Mit.,
 Cyprinus atronasmus Mit.

 Leuciscus argenteus Storer,
 Cyprinus maxillingua Le S.,
 Cyprinus Americanus Lac.,
 Catostomus nigricans Le S.,

 Catostomus cyprinus Le S.,
 Silurus olivaris Raf.,

 Silurus punctatus Raf.,
 Litholepis adamantinus Raf.,
 Polyodon folium Lac.,

 Acipenser platyrhynchus Raf.,

 Esox osseus Linn.,

Genera.

Luxilus, *Hypsolepis*.
Arygreus (preoccupied), *Rhinichthys*.

Leucosomus, *Cheilonemus*.
Exoglossum, *Maxillingua*.
Notemigonus, *Stilbe*, *Stilbius*.
Hypentelium, ? *Eurystomus*, *Hylomyzon*.
Carpionodes, *Sclerognathus*.
Glanis (not char.), *Pylodictis* (erroneous), *Leptops*, *Opladelus* (*Hopladelus*), *Ilictis*.
Ictalurus, *Elliope*.
Litholepis, *Atractosteus*.
Polyodon, *Spatularia*, *Platirostra* (*Planirostra*).
Scaphirhynchus (preoccupied), *Scaphirhynchops*.
Lepisosteus (*Lepidosteus*), *Sarchirus*.

III. SUMMARY.

The foregoing catalogue comprises 225 names of genera and subgenera, whereof about 128 seem to be entitled to generic rank, and the remaining 97 are either synonyms, or else entitled to use only as designations for sections and subgenera in works where the recognition of such groups by name seems desirable.

A list of the authors referred to is here given, with the number of genera proposed by each, classified as valid and invalid as above indicated. Of course, until unanimity is reached in matters of nomenclature such an arrangement is extremely arbitrary.

<i>Authors.</i>	<i>Valid Genera.</i>	<i>Subgenera and Synonyms.</i>	<i>Total.</i>
Rafinesque	27	36	63
Girard	25	12	37
Agassiz	17	8	25
Cope	14	4	18
Gill	8	7	15
Jordan	8	2	10
Dekay	4	4	8
Lacépède	6	..	6
Le Sueur	4	1	5
Cuvier and Valenciennes . . .	2	4	6
Heckel	1	4	5
Baird and Girard	3	1	4
Baird	..	3	3
Bleeker	1	1	2
Günther	..	3	3
Putnam	1	1	2
Le Vaillant	..	2	2
Mitchill	2	..	2
Linnæus	1	..	1
Shaw	..	1	1
Haldeman	1	..	1
Richardson	1	..	1
Thompson	..	1	1
Ayres	..	1	1
Brevoort	1	..	1
Nelson	1	..	1
Cope & Jordan	1	..	1
Total	128	97	225

IV. NOMENCLATOR.

1864. *Acantharchus*: *akantha*, spine—*archos*, anus.
 1856. *Acomus*: vox euphon.
 1855. *Acrocheilus*: *akros*, sharp—*cheilos*, lip.
 1859. *Adinia*: vox euphon.
 1856. *Agosia*: vox euphon.
 1856. *Alburnellus*: *Alburnus*. (Latin, *albus*, white.)
 1856. *Alburnops*: *Alburnus*—*ops*, appearance.

1856. Algansea: vox euphon.
 1856. Algoma: vox barbar.
 1859. Alvarius: vox euphon.
 1859. Alvordius: Ded. to Major B. Alvord.
 1819. Amblodon: *amblus*, blunt—*odōn*, tooth.
 1820. Ambloplites: *amblus*, blunt—*hoplitēs*, armed.
 1842. Amblyopsis: *amblus*, blunt, *opsis*, vision.
 1820. Ameiurus: *a*, privative—*meiouro*s, curtailed (notched).
 1766. Amia: *amia*, name of some sea fish; probably *Sarda pelamys*.
 1819. Amphiodon: *amphi*, on all sides—*odon*, tooth.
 1842. Apeltes: *a*, privative—*pelte*, a shield.
 1833. Aphredoderus: *aphros*, foam—*deire*, neck.
 1820. Aplesion: *haploos*, single—*plēsion*, near.
 1820. Aplites: *haploos*, single—*hoplitēs*, armed.
 1819. Aplocentrus: *haploos*, single—*kentron*, spine.
 1819. Aplodinotus: *haploos*, single—*nōtos*, back (dorsal fin).
 1872. Apocope: *apokopē*, a deficiency (lateral line).
 1819. Apomotis: *a*, privative—*poma*, opercle—*ous*, ear.
 1861. Archoplites: *archos*, anal—*hoplitēs*, armed.
 1842. Argyrea: *argureos*, silvery.
 1840. Argyreus: *argureos*, silvery.
 1850. Argyrosomus: *arguros*, silver—*sōma*, body.
 1859. Arlina: vox euphon.
 1860. Asproperca: Aspro—Perca.
 1874. Astatichthys: *astatos*, inconstant, never standing still—*ichthus*, fish.
 1854. Astyanax: *astuanax*, the son of Hector.
 1854. Atherinopsis: *atherine*, some small fish—*opsis*, appearance (*athar*, an arrow).
 1820. Atractosteus: *atraktos*, spindle dart—*osteon*, bone.
 1842. Baione: *baiōn*, some small fish known to the ancients.
 1859. Boleichthys: *bolis*, a dart—*ichthus*, fish.
 1842. Boleosoma: *bolis*, a dart—*sōma*, body.
 1831. Bryttus: *bruttō*, to growl.
 1855. Bubalichthys, *boubalos*, a buffalo—*ichthus*, fish.
 1819. Calliurus: *kalos*, beautiful—*oura*, tail.
 1855. Campostoma: *kampē*, curve—*stoma*, mouth.
 1820. Carpiodes: Lat. *carpio*, a carp.
 1854. Catonotus: *kato*, low—*nōtos*, back.

1817. Catostomus: *kato*, low—*stoma*, mouth.
1829. Centrarchus: *kentron*, spine—*archos*, anus.
1853. Ceraticthys: *keras*, horn—*ichthus*, fish.
1864. Chænobryttus: *chainō*, to gape, to yawn—*Bryttus*.
1855. Cheilonemus: *cheilos*, lip—*nēma*, thread (barbel).
1856. Cheonda: vox euphon.
1854. Chologaster: *chōlos*, maimed—*gastēr*, belly (ventral fins).
1820. Chrosomus: *chrōs*, color—*sōma*, body.
1856. Clinostomus: *klinō*, to incline—*stoma*, mouth.
1856. Cliola: vox euphon.
1820. Clodalus.
1854. Cochlognathus: *kochlos*, shell—*gnathos*, jaw.
1856. Codoma: vox euphon.
1872. Coliscus: *kolos*, a deficiency.
1876. Copelandia: Ded. to Herbert Edson Copeland.
1863. Cottogaster: *kottos*, sculpin—*gastēr*, belly.
1850. Cottopsis, Cottus: *opsis*, appearance.
1819. Cycleptus: *kuklos*, circle—*leptos*, slender (small round mouth).
1820. Cyldrosteus: *kulindros*, cylinder—*osteon*, bone.
1856. Cyprinella: *Cyprinus*.
1803. Cyprinodon: *kuprinos*, carp—*odōn*, tooth.
1820. Decactylus: *dekas*, ten—*tulos*, nail (ventral rays).
1820. Dinectus: *dis*, two—*nēktēs*, swimmer.
1856. Dionda: vox euphon.
1820. Dioplites: *dis*, two—*hoplitēs*, armed.
1820. Diplesion: *dis*, two—*plesion*, near (dorsal fin).
1820. Dorosoma: *doru*, lance—*sōma*, body.
1820. Elliops: (elliptical eyes).
1864. Enneacanthus: *ennea*, nine—*akantha*, spine.
1862. Entosphenus; *entos*, within—*sphenos*, wedge.
1877. Episema: *epi*, over; *sema*, banner (dorsal fin).
1865. Ericymba: *eri*, an intensive particle—*kumba*, cavity (mucous tubes).
1876. Erimyzon: *eri*, intensive particle—*muzaō*, to suck.
1876. Erinemus: *eri*, intensive particle—*nēma*, thread (barbel).
1876. Eritrema: *eri*, intensive particle—*trēma*, aperture (pores of lateral line).
1859. Estrella: vox euphon.
1820. Etheostoma: "Various mouths" (Rafinesque).

1876. Eucalia: *eu*, intensive particle—*kalia*, nest.
 1864. Eucentrarchus: *eu*, intensive particle—Centrarchus.
 1820. Eurystomus: *eurus*, wide—*stoma*, mouth.
 1876. Eutychelithus: *eutuchēs*, lucky—*lithos*, stone.
 1818. Exoglossum: *exo*, outside—*glōssa*, tongue.
 1803. Fundulus: Lat. *fundus*, bottom.
 1853. Gila: Gila River.
 1860. Girardinichthys: *Girardinus* (Dr. Charles Girard)—*ichthus*, fish.
 1818. Glossodon: *glōssa*, tongue—*odōn*, tooth.
 1840. Glossodon: *glōssa*, tongue—*odōn*, tooth.
 1876. Glossoplites: *glōssa*, tongue—*hoplitēs*, armed.
 1864. Gronias: *grōnē*, a cavern.
 1829. Grystes: *gruzō*, to growl.
 1854. Hadropterus: *hadros*, strong—*pteron*, fin.
 1869. Hemiplites: *hēmi*, half—*hoplitēs*, armed.
 1870. Hemitremia: *hēmi*, half—*trēma*, pore (lateral line).
 1854. Herichthys: *Heros*, an allied genus—*ichthus*, fish.
 1854. Heterandria: *heteros*, different—*andria*, males.
 1818. Hiodon: "toothed tongue" (*os hyoides*).
 1863. Hololepis: *holos*, whole—*lepis*, scale (entirely scaly).
 1856. Hudsonius: Hudson River.
 1828. Huro: Lake Huron.
 1855. Hybognathus: *hubos*, gibbous—*gnathos*, jaw.
 1854. Hybopsis: *hubos*, gibbous—*opsis*, face.
 1855. Hyborhynchus: *hubos*, gibbous—*rhugchos*, snout.
 1803. Hydrargira: *hudōr*, water, *arguros*, silver.
 1855. Hylomyzon: *hule*, mud—*muzaō*, to suck.
 1854. Hyostoma: *hus*, hog—*stoma*, mouth.
 1818. Hypentelium: *hupo*, below—*pente*, five (lower lip five-lobed).
 1864. Hyperistius: *huper*, above (high)—*histion*, sail (dorsal fin).
 1870. Hypohomus: *hupo*, below—*homos*, even, uniform.
 1862. Hypsifario: *hupsi*, high—*fario*, a brook trout.
 1854. Hypsolepis: *hupsi*, high—*lepis*, scale.
 1820. Ictalurus: *ichthus*, fish—*ailouros*, cat.
 1820. Icthelis: *ichthus*, fish—*hēlios*, sun.
 1820. Ictiobus: *ichthus*, fish—*bous*, buffalo.
 1820. Ilietis: *ilus*, mud—*ichthus*, fish.

1877. Imostoma: *eimi*, to move, to go—*stoma*, mouth.
1870. Labidesthes: *labia*, a pair of forceps—*esthio*, to eat.
1854. Lavinia: vox euphon.
1820. Lepibema: *lepis*, scale—*bēma*, a stair (from scaly bases of fins).
1874. Lepidomeda: *lepis*, scale—Meda.
1803. Lepisosteus: *lepis*, scale—*osteon*, bone.
1819. Lepomis: *lepis*, scale—*pōma*, opercle.
1823. Leptops: *leptos*, slender—*ops*, eye.
1819. Leucops: *leukos*, white—*ops*, eye.
1843. Leucosomus: *leukos*, white—*soma*, body.
1866. Limnurgus: *limnē*, a pond.
1818. Litholepis: *lithos*, stone—*lepis*, scale.
1859. Lucania: vox euphon.
1866. Luciotrutta: Lat. *lucius*, pike—*trutta*, trout.
1820. Luxilus: Lat. *lux*, shining, light ("shiner").
1876. Lythrurus: *luthron*, blood—*oura*, tail.
1818. Maxilllingua: Lat. *maxilla*, jaw—*lingua*, tongue.
1856. Meda: vox euphon.
1854. Melanura: *melas*, black—*oura*, tail.
1864. Mesogonistius: *mesos*, middle—*gōnia*, angle—*histion*, sail.
1863. Microperca: *mikros*, small—Perca (*perkē*).
1801. Micropterus: *mikros*, small—*pteron*, fin.
1865. Micristius: *mikros*, small—*histion*, sail (dorsal fin).
1820. Minnilus: Eng. minnow; Fr. *menuise*; Lat. *minus*, small.
1856. Minomus: vox euphon.
1821. Mollienesia: Ded. to Monsieur Mollien (French Minister of Finance, a patron of Péron).
1856. Moniana: *monos*, single (row of pharyngeal teeth). (?)
1814. Morone.
1820. Moxostoma: *muzaō*, to suck—*stoma*, mouth.
1855. Mylocheilus: *mulos*, millstone, grinder—*cheilos*, lip.
1872. Myloleucus: *mulos*, grinder—*leukos*, shiner.
1855. Mylopharodon: *mulos*, grinder—*pharugx*, pharynx—*odōn*, tooth.
1820. Nemocampsis: *nēma*, thread (lateral line) — *kampsos*, curved.
1856. Nocomis: "Daughter of the Moon." (Longfellow.)
1819. Notemigonus: *nōtos*, back—*hēmi*, half—*gōnos*, angle.
1863. Nothonotus: *nothos*, spurious—*nōtos*, back.

1818. Notropis: *nōtos*, back—*tropis*, keel.
 1819. Noturus: *nōtos*, back—*oura*, tail.
 1859. Oligocephalus: *oligos*, few (small)—*kephalē*, head.
 1820. Opladelus: *hoplon*, armature—*adēlos*, invisible, concealed.
 1856. Orthodon: *orthos*, straight—*odōn*, tooth.
 1876. Pantosteus: *pantos*, entirely—*osteon*, bone.
 1820. Pegedictis: *pēgē*, spring—*ichthus*, fish.
 1842. Percina: *Perca*.
 1850. Percopsis: *Perca* (*perkē*)—*opsis*, appearance.
 1867. Phenacobius: *phenax*, deceptive—*bios*, life.
 1866. Photogenis: *phōs*, light—*gennao*, to bear (born of light).
 1820. Picorellus: pickerel (vernacular).
 1842. Pileoma: *pileo*, to comb (ctenoid?).
 1820. Pimephales: *pimelēs*, fat—*kephalē*, head.
 1870. Placopharynx: *plax*, broad—*pharugx*, pharynx.
 1874. Plagopterus: *plage*, a wound—*pteron*, fin.
 1820. Plargyrus: *pleura*, side—*argyros*, silvery.
 1818. Platirostra: *platus*, broad—Lat. *rostrum*, snout. (Vox hybrida.)
 1861. Platygio: *platus*, broad—*Gobio*.
 1874. Plesioperca: *plēsion*, near—*Perca*.
 1863. Pleurolepis: *pleuron*, side—*lepis*, scale.
 1854. Pæcilichthys: *poikilos*, variegated—*ichthus*, fish.
 1850. Pæcilosoma: *poikilos*, variegated—*sōma*, body
 1798. Polyodon: *polus*, many—*odōn*, tooth.
 1854. Pogonichthys: *pōgōn*, beard—*ichthus*, fish.
 1819. Pogostoma: *pōgōn*, beard—*stoma*, mouth.
 1820. Pomacampsis: *pōma*, opercle—*kampsis*, curved.
 1820. Pomolobus: *pōma*, opercle—*lobos*, lobe.
 1820. Pomotis: *pōma*, opercle—*ous*, ear.
 1818. Pomoxis: *pōma*, opercle—*oxus*, sharp.
 1861. Potamocottus: *potamos*, river—*Cottus*.
 1820. Proceros: *pro*, before—*keras*, horn.
 1872. Protoporus: *prōtos*, before—*poros*, pore.
 1855. Ptychocheilus: *ptuche*, a fold—*cheilos*, lip.
 1855. Ptychostomus: *ptuche*, a fold—*stoma*, mouth.
 1860. Ptyonotus: *ptuon*, fan—*nōtos*, back.
 1861. Pygosteus: *puge*, vent, rump—*osteon*, bone.
 1819. Pylodictis: *pelos*, mud—*ichthus*, fish.
 1850. Rhinichthys: *rhin*, snout—*ichthus*, fish.

1856. Richardsonius: Ded. to Sir John Richardson.
1814. Roccus: vox barbar. (Rock fish.)
1850. Salmoperca: *Salmo*—*Perca*.
1818. Sarchirus: *sarx*, flesh—*cheir*, hand.
1872. Sarcidium: *sarkidion*, a little lump of flesh.
1876. Scaphirhynchops: *Scaphirhynchus*—*ops*, appearance.
1835. Scaphirhynchus: *skaphe*, spade—*rhugchos*, snout.
- 1863? Schilbeoides: *Schilbe*.
1844. Sclerognathus: *skleros*, hard—*gnathos*, jaw.
1859. Scolecossoma: *skōlēx*, a worm—*sōma*, body.
1820. Semotilus: *sēma*, banner (dorsal fin)—*telia*, or some other word used by Rafinesque for "spotted."
1856. Siboma: vox euphon.
1804. Spatularia: Lat. *spatula*.
1860. Stenodus: *stenos*, narrow—*odōn*, tooth.
1820. Sterletus: Sterlet, a European sturgeon.
1876. Sternotremia: *sternon*, breast, thorax—*trēma*, vent.
1842. Stilbe: *stilbē*, to shine, to glitter.
1865. Stilbius: *stilbē*, to shine, to glitter.
1820. Stizostedion: *stizō*, to prick—*stēthos*, breast.
1820. Sturio: Lat. *sturgeon*.
1859. Synechloglanis: *sunēcho*, to repeat, to re-echo—*glanis*, the fish "Silurus."
1820. Telipomis: *telia*, "spotted" (see Semotilus) — *pōma*, opercle.
1820. Teretulus: Lat. *teres*, terete.
1856. Tiaroga: vox barbar.
1856. Tigoma: vox barbar.
1851. Triglopsiis: *Trigla*—*opsis*, appearance.
1859. Typhlichthys: *tuphlos*, blind—*ichthus*, fish.
1842. Uranidea: *ouranos*, sky, heavens—*eidō*, to gaze.
1876. Xenisma: *xenisma*, surprise.
1877. Xenotis: *xenos*, wonderful—*ous*, ear.
1854. Zygonectes: *zugos*, a yoke (in pairs)—*nēktēs*, swimmer.



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