

MALAPTERURUS La Cepède, 1803

Malapterurus La Cepède, 1803: 90. Type species: *Silurus electricus* Gmelin, 1789. Type by designation under plenary powers; placed on Official List (ICZN Opinion 93, Direction 56). Gender: Masculine.

Anacanthus Minding 1832: 117. Type species: *Silurus electricus* Gmelin, 1789. Type by monotypy. Preoccupied by *Anacanthus* Gray, 1830, in fishes. Gender: Masculine.

Malopterurus Agassiz, 1846: 223. Type species: *Silurus electricus* Gmelin, 1789. Type by being a replacement name. Unjustified emendation of *Malapterurus* La Cepède, 1803. Gender: Masculine.

Remarks: *Malapterus* Jarocki, 1822, *Malapturus* Swainson, 1838, and *Malacopterurus* Gill, 1890, are considered to be incorrect subsequent spellings, and therefore unavailable names, in ICZN Direction 56. Forsskål (1775: 16) applied the generic name of the electric ray, *Torpedo*, to his account of the electric catfish of the Nile.

Malapterurus barbatus Norris, 2002

Malapterurus barbatus Norris, 2002: 88, fig. 49. Type locality: Sierra Leone, Sewa River system, Bagbe River at Yfin, 8°42'N, 11°05'W. Holotype: MNHN 1990-100.

Distribution: Western Guinean rivers from the Kolente River, Sierra Leone, to the Borlor River, Liberia (Norris, 2002).

Malapterurus beninensis Murray, 1855

Malapterurus Beninensis Murray, 1855: 20, pl. Type locality: Old Calabar. Syntypes: BMNH 1856.1.16.1 (2), possibly NMSZ 1855.27 (2).

? *Malapterurus affinis* Günther, 1864: 220. Type locality: Old Calabar. Syntypes: BMNH 1859.11.20.1 (1), BMNH 1864.7.9.1 (1).

Distribution: Coastal plains of west central Africa, from the Volta River, Ghana, to the Shiloango River, Angola (Norris, 2002).

Remarks: Synonymy of *Malapterurus affinis* with *M. beninensis* considered tentative by Norris (2002).

Malapterurus cavalliensis Roberts, 2000

Malapterurus cavalliensis Roberts, 2000: 8. Type locality: Ivory Coast: rivière Cavally directly W of Tiéouléoula about 18 km S of Tai. Holotype: BMNH 2000.3.3.7.

? *Malapterurus thysi* Norris, 2002: 81, fig. 45. Type locality: Ivory Coast, Cess (Nipoué) River at Toyebli, 6°38'N, 8°29'W. Holotype: MRAC 73-10-P-4144.

Distribution: Cess and Cavally Rivers, western Côte d'Ivoire (Norris, 2002).

Malapterurus electricus (Gmelin, 1789)

Silurus electricus Bonnaterre, 1788: 156, pl. 62 (fig. 245). Type locality: Nile and rivers of Africa. No types known.

Silurus electricus Gmelin, 1789: 1354. Type locality: Rosetta, branch of the Nile River, Egypt. Neotype: BMNH 1907.12.2.2547, designated in Poll & Gosse (1969: 5). Placed on Official list as type of *Malapterurus* (ICZN Direction 57).

Distribution: Nile River basin; Western African rivers south to the Niger River basin (Norris, 2002).

Malapterurus leonensis Roberts, 2000

Malapterurus leonensis Roberts, 2000: 9. Type locality: Sierra Leone, Moyamba. Holotype: BMNH 1976.11.12.122.

? *Malapterurus stiassnyae* Norris, 2002: 48, fig. 23. Type locality: Sierra Leone, River Moa drainage, Tiwai Island, 7°33'N, 11°21'W. Holotype: AMNH 59488.

Distribution: Upper Guinean basins of western Africa, between the Bofon River, Guinea, and St. Paul River, Liberia (Norris, 2002).

Malapterurus melanochir Norris, 2002

Malapterurus melanochir Norris, 2002: 109, fig. 65. Type locality: Congo, Congo R. basin, Ruki River at Eala, 00°04'N, 18°20'E. Holotype: MRAC 46166.

Distribution: Central Congo River basin and upper Lualaba River system (Norris, 2002).

Malapterurus microstomus Poll & Gosse, 1969

Malapterurus microstoma Poll & Gosse, 1969: 8, pls. 1, 2 (fig. b), 3 (fig. b). Type locality: Yangambi, Congo R., Zaire. Holotype: MRAC 164701.

Distribution: Congo River basin (Norris, 2002).

Malapterurus minjiriya Sagua, 1987

Malapterurus minjiriya Sagua, 1987: 78, fig. 1. Type locality: Lake Kainji, lower Niger basin, Nigeria. Holotype: BMNH 1979.3.5.405.

Distribution: Niger and Volta River basins; possibly also White Nile and Omo River (Norris, 2002).

Malapterurus monsembeensis Roberts, 2000

Malapterurus monsembeensis Roberts, 2000: 9. Type locality: Upper Congo at Monsembe. Holotype: BMNH 1899.8.22.6.

? *Malapterurus gossei* Norris, 2002: 102, fig. 60. Type locality: Congo, Congo R. basin, Léopoldville (Ouest) (= Kinshasa), 4°20'N, 15°15'E. Holotype: MRAC 88017.

Distribution: Congo River system (Norris, 2002).

Malapterurus occidentalis Norris, 2002

Malapterurus occidentalis Norris, 2002: 73, fig. 40. Type locality: Gambia, Mc Carthy Id. 13°32' [N], 14°46' E [sic, W]. Holotype: BMNH 1901.12.28.77.

Distribution: Middle Gambia River, Gambia, and Geba River, Guinea-Bissau (Norris, 2002).

Malapterurus oguensis Sauvage, 1879

Malapterurus electricus oguensis Sauvage, 1879: 99. Type locality: Lopé, pays des Okanda, fleuve Ogôoué. Holotype: MNHN a-0889. Originally proposed as *Malapterurus electricus* var. *oguensis*. Described in more detail and illustrated in Sauvage (1880c: 45, pl. 1, fig. 3) as *Malapterurus electricus*, var. *ogooensis*.

Distribution: Ivindo River, Ogowe River basin; and Nyanga River and Kouilou-Niari Systems of western Africa.

Malapterurus punctatus Norris, 2002

Malapterurus punctatus Norris, 2002: 91, fig. 51. Type locality: Liberia, Cavally River drainage, unspecified tributary waters of Duobe River at Duo Town, ca. 5°41'N, 8°06'W. Holotype: MRAC 80-36-P-2154.

Distribution: Eastern Guinean rivers, from the St. Paul River, Sierra Leone, to the Cavally River, Liberia (Norris, 2002).

Malapterurus shirensis Roberts, 2000

Malapterurus shirensis Roberts, 2000: 10. Type locality: Chiromo, lower Shire. Holotype: BMNH 1921.9.6.53.

? *Malapterurus zambeziensis* Norris, 2002: 44, fig. 20. Type locality: Zambia/Zimbabwe, Zambezi River drainage, Lake Kariba at Andora Harbor. Holotype: MRAC 187094.

Distribution: Zambezi River basin (Norris, 2002).

Malapterurus tanganyikaensis Roberts, 2000

Malapterurus tanganyikaensis Roberts, 2000: 11. Type locality: Lake Tanganyika. Holotype: BMNH 1936.6.15.1234.

Malapterurus polli Norris, 2002: 111, fig. 67. Type locality: Tanzania: au large de Karema, à 660–700 m de la côte, ± 6°49'N, 30°26'E. Holotype: MRAC 90328.

Distribution: Lake Tanganyika (Norris, 2002).

Malapterurus tanoensis Roberts, 2000

Malapterurus tanoensis Roberts, 2000: 11. Type locality: Unvaiye lagoon, Tano basin, sw. Ghana. Holotype: USNM 316021.

? *Malapterurus murrayi* Norris, 2002: 94, fig. 54. Type locality: Ghana, Tano River near Wiawso, slow pool, 6°12'N 2°29'W. Holotype: BMNH 1969.4.28.29.

Distribution: Ofin and Tano Rivers, Ghana (Norris, 2002).

Malapterurus teugelsi Norris, 2002

Malapterurus teugelsi Norris, 2002: 52, fig. 26. Type locality: Guinea, Ndyarendi, Kogon River, ca. 11°21'N, 14°30'W. Holotype: MRAC 92-59-P-1680.

Distribution: Kogon River basin, Guinea (Norris, 2002).

PARADOXOGLANIS Norris, 2002

Paradoxoglanis Norris, 2002: 117. Type species: *Paradoxoglanis caudivittatus* Norris, 2002. Type by original designation. Gender: Masculine.

Paradoxoglanis caudivittatus Norris, 2002

Paradoxoglanis caudivittatus Norris, 2002: 120, fig. 72. Type locality: Congo, Lomela, N. Sankuru, petits ruisseaux affl. riv. Lomela, 2°00'–2°19'S, 22°58'–23°15'E. Holotype: MRAC 98452.

Distribution: Central portions of the Congo Basin (Norris, 2002).

***Paradoxoglanis cryptus* Norris, 2002**

Paradoxoglanis cryptus Norris, 2002: 128, fig. 78. Type locality: Congo, Aketi, riv. Kagala, affl. riv. Itimbiri, rive droite, 2°44'N, 23°46'E. Holotype: MRAC 88-25-P-2231.

Distribution: Kagal River, Itimbiri basin, Congo System (Norris, 2002).

***Paradoxoglanis parvus* Norris, 2002**

Paradoxoglanis parvus Norris, 2002: 126, fig. 76. Type locality: Congo, Congo R. drainage, Mawuya, riv. Mawuya, terr. de Libenge, 3°14'N 18°41'E. Holotype: MRAC 167535.

Distribution: middle Congo River basin (Norris, 2002).

MOCHOKIDAE Jordan, 1923

Synodontini Bleeker, 1862 (in Bleeker, 1862–63): 6. Type genus: *Synodontis* Cuvier, 1816.

Rhinoglanina Günther, 1864: 4, 10, 216. Type genus: *Rhinoglanis* Günther, 1864.

Mochokidae Jordan, 1923: 150. Type genus: *Mochokus* Joannis, 1835.

Chiloglanidinae Riehl & Baensch, 1990: 396. Type genus: *Chiloglanis* Peters, 1868.

Remarks: The name Simuldentinae, published in Taverne & Aloulou-Triki (1974) is not available as a family group name because it is not based on an available generic name.

Taxonomic summary: Gosse (1986b).

Reviews: Paugy & Roberts (1992, West Africa); Skelton (1993, 2001, Southern Africa); Seegers (1996, Lake Rukwa basin); Skelton, *et al.* (1985, Okavango basin).

Key to genera: Poll & Gosse (1994).

10 genera, 188 species; no named fossil taxa.

***ACANTHOCLEITHRON* Nichols & Griscom, 1917**

Acanthocleithron Nichols & Griscom, 1917: 720. Type species: *Acanthocleithron chapini* Nichols & Griscom, 1917.

Type by monotypy. Gender: Neuter.

***Acanthocleithron chapini* Nichols & Griscom, 1917**

Acanthocleithron chapini Nichols & Griscom, 1917: 721, fig. 26. Type locality: Avakubi [Ituri River], Congo. Holotype: AMNH 6548.

Distribution: Ituri River and Congo River from Kisangani to Stanley Pool (Gosse, 1986b).

***ATOPOCHILUS* Sauvage, 1879**

Atopochilus Sauvage, 1879: 97. Type species: *Atopochilus savorgnani* Sauvage, 1879. Type by monotypy. Gender: Masculine.

***Atopochilus chabanaudi* Pellegrin, 1938**

Atopochilus Chabanaudi Pellegrin, 1938a: 375, fig. 1. Type locality: Brazzaville (Congo). Holotype: MNHN 1937-0111.

Distribution: Congo River at Stanley Pool (Gosse, 1986b).

Remarks: Catalog number for holotype of *Atopochilus Chabanaudi* mistakenly reported as MNHN 37-311 by Bertin & Estève (1950).

***Atopochilus christyi* Boulenger, 1920**

Atopochilus Christyi Boulenger, 1920a: 33, fig. 17. Type locality: Stanley-Falls, ... d'Avakubi sur l'Ituri. Syntypes (2): Possibly BMNH 1919.9.10.282 (1), MRAC 7239 (1), MRAC 7350 (1).

Distribution: Congo River basin (Gosse, 1986b).

***Atopochilus macrocephalus* Boulenger, 1906**

Atopochilus macrocephalus Boulenger, 1906a: 112. Type locality: Fort Don Carlos, in the province of Loanda, at the

junction of the Cambo and Kwango (or Cuango) Rivers, Angola. Holotype: BMNH 1904.5.2.182.

Distribution: Congo River basin (Gosse, 1986b).

Atopochilus mandevillei Poll, 1959

Atopochilus mandevillei Poll, 1959: 104, pl. 18 (figs. 2a–c). Type locality: Stanley Pool. Holotype: MRAC 100503.

Distribution: Congo River at Stanley Pool (Gosse, 1986b).

Atopochilus pachychilus Pellegrin, 1924

Atopochilus pachychilus Pellegrin, 1924c: 487. Type locality: Kanda kanda, dans la Lubilonji, tributaire du Kasai, affluent du Congo. Syntypes (2): MNHN 1924-0213 (1), MRAC 14920 (1).

Distribution: Kasai River, Congo basin; known only from type locality (Gosse, 1986b).

Atopochilus savorgnani Sauvage, 1879

Atopochilus Savorgnani Sauvage, 1879: 98. Type locality: Doumé [Fl. Ogôoué, aux chutes de Doumé (Congo français)]. Holotype: MNHN a-0899. Described in more detail and illustrated in Sauvage (1880c: 43. pl. 3, fig. 3).

Distribution: Upper Ogowe River, Muni River Basin, Equatorial Guinea, and Ntem River, southern Cameroon (Gosse, 1986b).

Atopochilus vogti Pellegrin, 1922

Atopochilus Vogti Pellegrin, 1922c: 350. Type locality: Riv. Wamé, Afrique orientale. Holotype: MNHN 1922-0021.

Distribution: Wami River, Tanzania (Gosse, 1986b; Seegers, 2003).

BRACHYSYNODONTIS Bleeker, 1862

Brachysynodontis Bleeker, 1862 (in Bleeker, 1862–63): 6. Type species: *Synodontis batensoda* Rüppell, 1832. Type by original designation. Gender: Feminine.

Remarks: Treated in Willoughby (1994) as a synonym of *Synodontis*, without comment.

Brachysynodontis batensoda (Rüppell, 1832)

Synodontis batensoda Rüppell, 1832: 6, pl. 3 (fig. 2). Type locality: Nil, bei Kaïro. Holotype: SMF 2636 (dry).

Synodontes Ruppelli Swainson, 1838: 339, fig. 82. Type locality: [No locality stated]. No types known.

Distribution: Nile, Chad, Niger, Senegal and Gambia river basins (Gosse, 1986b).

Remarks: Synonymy follows Grant (2004).

CHILOGLANIS Peters, 1868

Chiloglanis Peters, 1868b: 599. Type species: *Chiloglanis deckenii* Peters, 1868. Type by monotypy. Gender: Masculine.

Reviews: Jubb & Le Roux (1969, southern Africa); Roberts (1989b, Cameroon), Seegers (1996, Lake Rukwa).

Remarks: The name *Chiloglanis athiensis* appears in Copley (1941: 15) but as name only and therefore not an available name.

Chiloglanis angolensis Poll, 1967

Chiloglanis angolensis Poll, 1967: 255, fig. 120. ruisseau à forêt-galerie, traversant la route Chibia-Jau, à la bifurcation Jau-Onguéria, quelques km au sud de la Chibia, environs de Sá de Bandeira, alt. 1.500 m., Angola. Holotype: MD 1875.

Distribution: known only from type locality (Gosse, 1986b).

Chiloglanis anoterus Crass, 1960

Chiloglanis anoterus Crass, 1960: 446, fig. 2 (a–d). Type locality: Upper Pivaan River (Pongola River system), altitude \pm 4600 ft. (30°28'E, 27°30'S), Natal. Holotype: AMG P1157.

Distribution: Phongolo and Incomati River system tributaries (Skelton, 1993).

Chiloglanis asymetricaudalis De Vos, 1993

Chiloglanis asymetricaudalis De Vos, 1993: 154, figs. 2–4. Type locality: Nyakabuye, rivière Rubyiroyi, (bassin de la Ruzizi), près de la confluence avec la rivière Ntandwe, Rwanda (2°34'S, 29°02'E). Holotype: MRAC 87-05-P-263.

Distribution: Ruzizi River basin, Lake Tanganyika drainage (De Vos, 1993).

Chiloglanis batesii Boulenger, 1904

- Chiloglanis Batesii* Boulenger, 1904a: 19. Type locality: South Cameroon; Efulen and stream tributaries of the Lobi River, 15 or 20 miles S. W. of Efulen. Syntypes (5): BMNH 1904.7.1.97–100 (4), BMNH 1904.7.1.127 (1).
- Chiloglanis micropogon* Poll, 1952: 228, figs. 3–4. Type locality: riv. Nzokwe, affluent del la riv. Ulindi (Territ. Kabare). Holotype: MRAC 91479.
- Distribution: Lualaba and Kasai River, Congo Basin; Upper Niger; Meme, Mungo, Lobi Rivers and coastal rivers of Cameroon; Kaduna River, Nigeria (Gosse, 1986b).
- Remarks: *Chiloglanis micropogon* has been generally treated as valid, but recently treated by Roberts (1989b: 169) as a synonym of *C. batesii*.
- Chiloglanis benuensis*** Daget & Stauch, 1963
- Chiloglanis benuensis* Daget & Stauch, 1963: 98, fig. 3. Type locality: Bénoué à Lakdo. Holotype: MNHN 1962-1273.
- Distribution: Niger River basin; known only from type locality (Gosse, 1986b).
- Chiloglanis bifurcus*** Jubb & Le Roux, 1969
- Chiloglanis bifurcus* Jubb & Le Roux, 1969: 17, figs. 9–9a. Type locality: Crocodile River, Incomati River system, Montrose Farm, Nelspruit District, Southern Africa. Holotype: AMG P996.
- Distribution: Crocodile-Incomati basin (Skelton, 1993).
- Remarks: See Kelynhans & James (1995) for comments on species.
- Chiloglanis brevibarbis*** Boulenger, 1902
- Chiloglanis brevibarbis* Boulenger, 1902f: 224, pl. 17 (figs. 2, 2a, 2b). Type locality: Mathoiya River, in the Kenya district, East Africa. Holotype: BMNH 1902.5.26.19.
- Distribution: Tana System and Athi River (Gosse, 1986b).
- Chiloglanis cameronensis*** Boulenger, 1904
- Chiloglanis cameronensis* Boulenger, 1904a: 18. Type locality: Efulen, South Cameroon. Syntypes (7): BMNH 1904.7.1.90–96 (7).
- Distribution: coastal rivers of Cameroon, Equatorial Guinea, and Gabon, Congo River basin (Gosse, 1986b).
- Chiloglanis carnosus*** Roberts & Stewart, 1976
- Chiloglanis carnosus* Roberts & Stewart, 1976: 282, pl. 8 (figs. b–d). Type locality: Near village of Inga, a few kilometers upstream and on the opposite side of the river from Inga hydroelectric dam. Lat. 5°27.5'S, Long. 13°36.0'E; lower Zaïre or Congo River. Holotype: MCZ 50464.
- Distribution: Lower Congo River basin; known only from type locality (Gosse, 1986b).
- Chiloglanis congicus*** Boulenger, 1920
- Chiloglanis congicus* Boulenger, 1920a: 32, fig. 16. Type locality: Stanley-Falls, Congo Belge. Holotype: MRAC 7159.
- Distribution: Stanley Falls, Stanley Pool, Congo River basin (Gosse, 1986b).
- Chiloglanis deckenii*** Peters, 1868
- Chiloglanis Deckenii* Peters, 1868b: 599, pl. 2. Type locality: Africa orientalis. Syntypes: ZMB 6844 (3), ZMB 16387.
- Synodontis eurystomus* Pfeffer, 1889: 14. Type locality: Rufu bei Korogwe. Lectotype: ZMH H387, designated by Ladiges *et al.* (1958: 159).
- Distribution: Kenya and Tanzania (Gosse, 1986b).
- Chiloglanis disneyi*** Trewavas, 1974
- Chiloglanis disneyi* Trewavas, 1974: 365, figs. 6 (left), 8. Type locality: R. Wowe, Mungo system, Cameroon. Holotype: BMNH 1973.5.14.342.
- Distribution: Wowe River, Mungo basin; Known only from type locality (Gosse, 1986b).
- Chiloglanis elisabethianus*** Boulenger, 1915
- Chiloglanis elisabethianus* Boulenger, 1915: 171. Type locality: Rivière Lubumbashi, à Elisabethville. Holotype: MRAC 12126.
- Distribution: Luapula-Moero River, Congo River basin (Gosse, 1986b).
- Chiloglanis emarginatus*** Jubb & Le Roux, 1969
- Chiloglanis emarginatus* Jubb & Le Roux, 1969: 21, figs. 12–12a. Type locality: Lekkerloop River, tributary of the

Komati River of the Incomati River system, on the farm Vergelegen, Carolina District, Southern Africa. Holotype: AMG P953.

Distribution: Phongolo and Incomati Rivers, South Africa and Swaziland, and Pungwe and Zambezi Rivers, Zimbabwe (Skelton, 1993).

Chiloglanis fasciatus Pellegrin, 1936

Chiloglanis fasciatus Pellegrin, 1936a: 58. Type locality: Cubango, Angola. Holotype: MNHN 1936-0158.

Distribution: Zambezi River system, Angola and Botswana (Gosse, 1986b).

Chiloglanis harbinger Roberts, 1989

Chiloglanis harbinger Roberts, 1989b: 175, fig. 13. Type locality: Cameroun, R. Lokunje near Bipindi. Holotype: CAS 60811.

Distribution: Lokunje River basin, southeastern Cameroon (Roberts, 1989b).

Chiloglanis kalambo Seegers, 1996

Chiloglanis kalambo Seegers, 1996: 377, figs. 279–281. Type locality: Kanyelevu River, a southeastern affluent of the upper Kalambo River, on road from Sumbawanga to Mbala, 34 km N of the Tanzania–Zambia border, Lake Tanganyika drainage, Rukwa region, western Tanzania (8°25'S, 31°30'E). Holotype: MRAC 94-34-P-1079.

Distribution: Upper Kalambo River basin, Tanzania (Seegers, 1996).

Chiloglanis lamottei Daget, 1948

Chiloglanis lamottei Daget, 1948: 38, fig. 12. Type locality: Guinée Fse: Mt. Nimba, Zié, alt. 475–500 m. Holotype: MNHN 1949-0056.

Distribution: Known only from the type locality (Gosse, 1986b).

Chiloglanis lufirae Poll, 1976

Chiloglanis lufirae Poll, 1976: 97, fig. 52. Type locality: Muye (affluent droit de la Lufira), alt. 800–900 m. [Upemba National Park]. Holotype: MRAC 79-01-P-4728.

Distribution: Lufira River tributary; known only from type locality (Gosse, 1986b).

Chiloglanis lukugae Poll, 1944

Chiloglanis lukugae Poll, 1944a: 7, figs. 3–5. Type locality: Sange, région d'Albertville, Congo belge. Holotype: IRSNB 72; illustrated in Poll (1946: 224, fig. 23).

Distribution: Luapula River basin; tributaries of Lake Tanganyika, Angola, affl. of Cuango River (Gosse, 1986b).

Remarks: Gosse (1986b) stated that the type locality is a small tributary of the Luvua River on road between Albertville and Kiambi but not near Albertville as has been stated elsewhere.

Chiloglanis macropterus Poll & Stewart, 1975

Chiloglanis macropterus Poll & Stewart, 1975: 152, fig. 1. Type locality: Luongo River, at ferry crossing, 53 km. S. of Kawambwa, Zambia. Holotype: ROM 28035.

Distribution: Luongo River, Zambia (Gosse, 1986b).

Chiloglanis marlieri Poll, 1952

Chiloglanis marlieri Poll, 1952: 226, figs. 1–2. Type locality: riv. Ndakirwa à Meshe, affluent de la Luhoho. Holotype: MRAC 91478.

Distribution: Lualaba basin (Gosse, 1986b).

Chiloglanis mbozi Seegers, 1996

Chiloglanis mbozi Seegers, 1996: 224, figs. 161–162. Type locality: Hanseketwa River, a brook which is an affluent of the Momba River, draining the Mbozi block via the Msangano trough, 25 km east of Tunduma on the road to Mbeya, Mbeya Region, western Tanzania (9°08'S, 32°52'E). Holotype: MRAC 94-34-P-927.

Distribution: Hanseketwa River, Momba River basin, Tanzania (Seegers, 1996).

Chiloglanis microps Matthes, 1965

Chiloglanis microps Matthes, 1965: 188, figs. 3–4. Type locality: riv. Lukima à Kiamakoto (Lufira). Holotype: MRAC 140908.

Distribution: Lufira River basin (Gosse, 1986b).

Chiloglanis modjensis Boulenger, 1904

Chiloglanis modjensis Boulenger, 1904b: 332, pl. 31 (figs. 3, 3a, 3b). Type locality: Modjo River [Webi Shebeli basin]. Syntypes (2): BMNH 1905.7.25.103 (1).

Distribution: Webi Shebeli basin, southern Ethiopia (Gosse, 1986b).

Chiloglanis neumanni Boulenger, 1911

Chiloglanis neumanni Boulenger, 1911a: 481, fig. 359. Type locality: Upper Bubu River, Masailand. Lectotype: BMNH 1905.7.25.49; designated by, and illustrated in, Seegers (1996: 214, fig. 152).

Distribution: Limpopo River system, Cunene, Kafue, Zambezi, Kiavango, and upper Congo Rivers, Lakes Malawi and Kariba (Gosse, 1986b; Skelton, 1993).

Chiloglanis niger Roberts, 1989

Chiloglanis niger Roberts, 1989b: 173, figs. 1f, 2f, 4e–f, 6f, 12. Type locality: Cameroun, Niger basin, R. Menchum below high waterfall near Befang, Bamenda highlands. Holotype: CAS 60809.

Distribution: Menchum River, Niger River basin, Cameroon (Roberts, 1989b).

Chiloglanis niloticus Boulenger, 1900

Chiloglanis niloticus Boulenger, 1900d: 522. Type locality: island of Arko, Soudan. Syntypes (several): BMNH 1907.12.2.2466–73 (8), MNHN 1907-0230 (1), MSNG 14420 (1).

Distribution: Nile and Niger River basins (Gosse, 1986b).

Chiloglanis normani Pellegrin, 1933

Chiloglanis normani Pellegrin, 1933a: 113, fig. on p. 114. Type locality: Danané (Côte d'Ivoire). Syntypes (2): MNHN 1932-0301 (1), NMBA 4253 (1).

Distribution: Cavally River system; known only from type locality (Gosse, 1986b).

Chiloglanis occidentalis Pellegrin, 1933

Chiloglanis occidentalis Pellegrin, 1933a: 112, fig. on p. 112. Type locality: Douékoué, ... Man (Côte d'Ivoire). Syntypes (2): MNHN 1932-0300 (1), NMBA 4252 (1).

Chiloglanis niloticus waterloti Daget, 1954: 304, fig. 115. Type locality: Banamanan, cercle de Kissidougou [Guinea]. Syntypes: MNHN 1935-0224 (1), MNHN 1960-0472 (5), MNHN 1960-0473 (29 or 32), MNHN 1960-0474 (18 or 15).

Distribution: Bafing and Baoule rivers, upper Senegal, upper Niger, Sassandra, upper St. Paul, Kolente and Konkoure Rivers (Gosse, 1986b).

Chiloglanis paratus Crass, 1960

Chiloglanis paratus Crass, 1960: 452, fig. 4 (a–d). Type locality: Concrete wall of Pongola River barrage, altitude ± 1000 ft. (31°30'E, 27°23'S), Natal. Holotype: AMG P1154.

Distribution: Phongolo, Incomati and Limpopo river systems, southern Africa (Skelton, 1993).

Chiloglanis pojeri Poll, 1944

Chiloglanis pojeri Poll, 1944a: 8, figs. 6–8. Type locality: Mambwe, région d'Albertville. Holotype: IRSNB 74; illustrated in Poll (1946: 225, fig. 24).

Distribution: Luvua and Lualaba River, upper Congo Basin; Koki River of Lake Tanganyika (Gosse, 1986b).

Chiloglanis polyodon Norman, 1932

Chiloglanis polyodon Norman, 1932: 184, fig. 3. Type locality: Headwaters of Bagbwe River, Sierra Leone. Holotype: BMNH 1932.5.18.64.

Distribution: Bagbwe River basin, Sierra Leone; known only from type locality (Gosse, 1986b).

Chiloglanis polypogon Roberts, 1989

Chiloglanis polypogon Roberts, 1989b: 168, figs. 1b, 2b, 3c–d, 6a–b, 8. Type locality: Cameroun, Cross basin, high gradient stream along road from Mamfe to Bamenda, 88–94 km SW of Bamenda. Holotype: CAS 60790.

Distribution: Cross River basin, Cameroon (Roberts, 1989b).

Chiloglanis pretoriae van der Horst, 1931

Chiloglanis pretoriae van der Horst, 1931: 248, fig. 2. Type locality: Crocodile River, Pretoria District, Transvaal. Holotype: at TM, current whereabouts unknown.

Chiloglanis pumilus van der Horst, 1931: 250, fig. 4. Type locality: Aapies River and Crocodile River, Pretoria Dist., Transvaal. Syntypes: SAIAB 30011 (1), SAIAB 30012 (1).

Distribution: Incomati, Limpopo, middle and lower Zambezi, Pungwe and Busi basins, southern Africa (Skelton, 1993).

Chiloglanis reticulatus Roberts, 1989

Chiloglanis reticulatus Roberts, 1989b: 165, figs. 1a, 2a, 3a–b, 5, 7. Type locality: Cameroun, Congo basin, R. Mwamedjwel, a very small stream 2–3 km W of Yokadouma. Holotype: CAS 60786.

Distribution: Northwestern portion of the Congo River basin, Cameroon and Congo (Roberts, 1989b).

Chiloglanis rukwaensis Seegers, 1996

Chiloglanis rukwaensis Seegers, 1996: 227, figs. 163–164. Type locality: Chiwanda River (also spelled Chuwanda or Chwanda River), a small river, Momba drainage, 32 km northwest of Tunduma near Chiwanda (or Chuwanda), on the road to Sumbawanga, western Lake Rukwa drainage, Mbeya Region, western Tanzania, (09°10'S, 32°33'E). Holotype: MRAC 94-34-P-932.

Distribution: Chiwanda River, Momba River basin, Tanzania (Seegers, 1996).

Chiloglanis ruziziensis De Vos, 1993

Chiloglanis ruziziensis De Vos, 1993: 162, figs. 6–7. Type locality: Nyakabuye, rivière Rubyiro (bassin de la Ruzizi), pres de la confluence avec la rivière Ntandwe, Rwanda (2°34'S, 29°02'E). Holotype: MRAC 87-05-P-264.

Distribution: Ruzizi River basin, Lake Tanganyika drainage (De Vos, 1993).

Chiloglanis sanagaensis Roberts, 1989

Chiloglanis sanagaensis Roberts, 1989b: 169, figs. 1c, 2c, 3 (e–f), 6 (c–d), 9. Type locality: Cameroun, Sanaga basin, gravel bars and riffles in lower 1–2 km of R. Nchit where it flows into R. Mbam. Holotype: CAS 60794.

Distribution: Sanaga River basin (Roberts, 1989b).

Chiloglanis sardinhai Ladiges & Voelker, 1961

Chiloglanis sardinhai Ladiges & Voelker, 1961: 139, pl. 7 (figs. 12 and 13). Type locality: Mujije (der Mujije ist ein Zufluss des Longa, Cuanza-Sul, Angolas). Holotype: ZMH H1317.

Distribution: Longa River basin; known only from type locality (Gosse, 1986b).

Chiloglanis somereni Whitehead, 1958

Chiloglanis somereni Whitehead, 1958: 199, figs. 2–3. Type locality: Waroya River, Nyanza Province, Kenya; at 34°30'E, 0°10'N. Holotype: BMNH 1958.7.18.1.

Distribution: Westward flowing rivers of Kenya into Lake Victoria (Gosse, 1986b).

Chiloglanis swierstrai van der Horst, 1931

Chiloglanis swierstrai van der Horst, 1931: 249, fig. 3. Type locality: Crocodile River, Pretoria District, Transvaal. Holotype: SAIAB 30013.

Chiloglanis engiops Crass, 1960: 451, fig. 3 (a–d). Type locality: Lower Pivaan Rier (Pongola River system), altitude ± 2000 ft. (31°11'E, 27°25'S), Natal. Holotype: AMG P1156.

Distribution: Lowveld and warmer portions of Phongolo, Incomati and Limpopo river basins, southern Africa (Skellton, 1993).

Chiloglanis trilobatus Seegers, 1996

Chiloglanis trilobatus Seegers, 1996: 230, figs. 165–167. Type locality: Piti River, an affluent of the Rungwa River, 63 km S of Rungwa Village on the road from Itigi to Makambako or Mbeya, eastern Lake Rukwa drainage, western Tanzania (07°27'S, 33°25'E). Holotype: MRAC 94-34-P-938.

Distribution: Rungwizi River basin, Lake Rukwa basin, Tanzania (Seegers, 1996).

Chiloglanis voltae Daget & Stauch, 1963

Chiloglanis voltae Daget & Stauch, 1963: 99, fig. 4. Type locality: Bougouri Ba au pont de Nabéré. Holotype: MNHN 1962-1280.

Distribution: Volta and upper Bénoué River systems (Gosse, 1986b).

EUCHILICHTHYS Boulenger, 1900

Euchilichthys Boulenger, 1900d: 522. Type species: *Atopochilus guentheri* Schilthuis, 1891. Type by subsequent designation by Jordan (1920: 488). Gender: Masculine.

Euchilichthys astatodon (Pellegrin, 1928)

Atopochilus astatodon Pellegrin, 1928b: 107, fig. 1. Type locality: Luluaburg Saint-Joseph, Congo belge. Syntypes (6): MNHN 1928-0017 (1), MNHN 1928-0018 (1), MRAC 19942 (1), NMBA 3721 (1), NMBA 3723–24 (2), NMBA 3726 (1).

Distribution: Kasai River (Gosse, 1986b).

Euchilichthys boulengeri Nichols & La Monte, 1934

Euchilichthys boulengeri Nichols & La Monte, 1934: 3, fig. 3. Type locality: Luluabourg, Kasai District, Belgian Congo. Holotype: AMNH 12357.

Distribution: Kasai River (Gosse, 1986b).

Euchilichthys dybowskii (Vaillant, 1892)

Chiloglanis Dybowskii Vaillant, 1892b: 2. Type locality: l'Oubanghi. Syntypes: MNHN 1892-0081 (2).

Euchilichthys habereri Steindachner, 1912: 447. Type locality: Dscha, Süd. Kamerun. Holotype: NMW 10700.

Illustrated and described in more detail in Steindachner (1913: 45, fig. 9 and pl. 1 (figs. 2–2a).

Distribution: Ja River, Congo basin, Cameroon (Gosse, 1986b).

Euchilichthys guentheri (Schilthuis, 1891)

Atopochilus guentheri Schilthuis, 1891: 86, pl. 6 (fig. 2). Type locality: Stanley Pool. Holotype: BMNH 1899.9.6.6.

Distribution: Congo River basin, up to Bangweulu River system (Gosse, 1986b).

Euchilichthys royauxi Boulenger, 1902

Euchilichthys royauxi Boulenger, 1902d: 46, pl. 13. Type locality: l'Ubangi à Banzyville. Syntypes (3): BMNH 1901.12.26.46–47 (2), MRAC 1186 (1).

Distribution: Congo River basin, up to Moero Lake system (Gosse, 1986b).

HEMISYNODONTIS Bleeker, 1862

Hemisynodontis Bleeker, 1862 (in Bleeker, 1862–63): 6. Type species: *Pimelodus membranaceus* Geoffroy St. Hilaire, 1809. Type by original designation. Gender: Feminine.

Remarks: Treated in Willoughby (1994) as a synonym of *Synodontis*, without comment.

Hemisynodontis membranacea (Geoffroy Saint-Hilaire, 1809)

Pimelodus membranaceus Geoffroy Saint-Hilaire, 1809: pl. 13 (figs. 1–2). Type locality: Fl. Nil (Egypte). Holotype: MNHN 0000-4197. Name available from caption on plate, described as *Synodontis membranaceus* in Geoffroy Saint-Hilaire (1827: 297).

Synodontis Guentheri Vaillant, 1893a: 16. Type locality: Karthoum. Syntypes: BMNH 1862.6.17.160 (1), BMNH 1862.6.17.161–162 (2), BMNH 1865.11.15.13 (1).

Distribution: Nile, Niger, Senegal, Gambia, and Volta River basins, Chad system (Gosse, 1986b).

MICROSYNODONTIS Boulenger, 1903

Microsynodontis Boulenger, 1903e: 26. Type species: *Microsynodontis batesii* Boulenger, 1903. Type by monotypy. Gender: Feminine.

Microsynodontis armatus Ng, 2004

Microsynodontis armatus Ng, 2004h: 10, fig. 6. Type locality: Gabon: Ogooué-Ivindo province, Ivindo River drainage, Balé Creek, 0°31'19"N, 12°47'58"E. Holotype: CU 89392.

Distribution: Ivindo River basin, Gabon (Ng, 2004h: 15).

Microsynodontis batesii Boulenger, 1903

Microsynodontis batesii Boulenger, 1903e: 26, pl. 4. Type locality: Mvile River, southern Cameroon. Syntypes (several; apparently more than 6, from notes found in BMNH register): BMNH 1903.7.28.105–110 (6).

Microsynodontis Christyi Boulenger, 1920a: 32, fig. 15. Type locality: Poko, Congo Belge. Syntypes (4): BMNH 1919.9.10.281 (1), MRAC 7168–70 (3).

Distribution: Ntem River basin, southern Cameroon and northern Gabon, and Campo. Ivindo, Lobé, Nyong and Sangha River basins, southern and central Cameroon (Ng, 2004h: 9).

Remarks: Ng (2004h: 2) stated that *Microsynodontis christyi* should be treated as valid, but provided no further comments. The BMNH syntype of *M. christyi* has had an incorrect jar label, with the registration number listed as BMNH 1919.9.10.381.

Microsynodontis emarginata Ng, 2004

Microsynodontis emarginatus Ng, 2004h: 15, fig. 8. Type locality: Gabon: Haut-Ogooué Province, Motobo I village, Kiéne creek, 1°32'14.1"S, 13°32'43.5"E. Holotype: CU 89393.

Distribution: Ogooué River basin, Gabon (Ng, 2004h: 19).

Microsynodontis hirsuta Ng, 2004

Microsynodontis hirsutus Ng, 2004h: 20, fig. 10. Type locality: Gabon: Woleu-Ntem province, Ngomo creek, where it crosses Oyem-Minvol road, 1°41'30.0"N, 11°39'18.9"E. Holotype: CU 87040.

Distribution: Nye River of Ntem River basin, Gabon (Ng, 2004h: 23).

Microsynodontis laevigata Ng, 2004

Microsynodontis laevigatus Ng, 2004h: 24, fig. 11. Type locality: Gabon: Ogooué-Ivindo province, Ivindo River drainage, small creek flowing into Ivindo River, Makokou, 0°35'8"N, 12°51'22"E. Holotype: CU 88265.

Distribution: Ivindo River basin, Gabon (Ng, 2004h: 27).

Microsynodontis lamberti Poll & Gosse, 1963

Microsynodontis lamberti Poll & Gosse, 1963: 61, pl. 4 (fig. 1). Type locality: Rivière Lilanda, Yangole, Congo centrale. Holotype: MRAC 137837.

Distribution: Lilanda River, Congo River basin; known only from type locality (Gosse, 1986b).

Microsynodontis nannoculus Ng, 2004

Microsynodontis nannoculus Ng, 2004h: 27, fig. 12. Type locality: Equatorial Guinea: Mami River, a tributary of Kyé River. Holotype: MRAC 173145.

Distribution: Kyé River basin, Ntem River drainage, Equatorial Guinea (Ng, 2004h: 31).

Microsynodontis nasutus Ng, 2004

Microsynodontis nasutus Ng, 2004h: 32, fig. 14. Type locality: Gabon: Woleu-Ntem province, Okano River on rapids 0.5 km S of village of Na, 0°48'35"N, 11°38'47"E. Holotype: CU 89394.

Distribution: Okano River, Ogooué River basin, Gabon (Ng, 2004h: 35).

Microsynodontis notata Ng, 2004

Microsynodontis notatus Ng, 2004h: 35, fig. 15. Type locality: Gabon: Ezanga River, about midway between Lake Ezanga and Ogooué mainstream. Holotype: MRAC 80-51-P-839.

Distribution: Lower Ogooué River, Gabon (Ng, 2004h: 39).

Microsynodontis polli Lambert, 1958

Microsynodontis polli Lambert, 1958: 42, fig. 1. Type locality: Rivière Gbin, Guinée Forestière, Guinée Française. Holotype: MRAC 119457.

Distribution: Gbin River, Upper Niger; known only from type locality (Gosse, 1986b).

Microsynodontis vigilis Ng, 2004

Microsynodontis vigilis Ng, 2004h: 39, fig. 16. Type locality: Gabon: Moyen-Ogooué province, 12 km N of Lambaréné, branch of Nzorbang creek near village of same name, 0°34'6.2"N, 10°12'46.4"E. Holotype: CU 87039.

Distribution: Lower Ogooué River basin, Gabon (Ng, 2004h: 43).

MOCHOKIELLA Howes, 1980

Mochokiella Howes, 1980: 165. Type species: *Mochokiella paynei* Howes, 1980. Type by original designation. Gender: Feminine.

Mochokiella paynei Howes, 1980

Mochokiella paynei Howes, 1980: 165, figs. 1, 2b. Type locality: Kassawe Forest Reserve, Sierra Leone. Holotype: BMNH 1979.8.22.1.

Distribution: Kassawe Forest Reserve, Sierra Leone; known only from type locality (Gosse, 1986b).

MOCHOKUS Joannis, 1835

Mochokus Joannis, 1835: [Cl. IV, pl. 8]. Type species: *Mochokus niloticus* Joannis, 1835. Type by monotypy. Gender: Masculine.

Mochocus Günther, 1864: 217. Type species: *Mochokus niloticus* Joannis, 1835. Gender: Masculine. Unjustified emendation of *Mochokus* Joannis, 1835.

Rhinoglanis Günther, 1864: 216. Type species: *Rhinoglanis typus* Günther, 1864. Type by original designation. Gender: Masculine.

Mochokus brevis Boulenger, 1906

Mochocus brevis Boulenger, 1906d: 148. Type locality: Fashoda and Lake No, White Nile. Syntypes (43): BMNH

1907.12.2.2529–2542 (14), BMNH 1907.12.2.2544 (1), MNHN 1907-0233 (2).

Distribution: Nile and Chad basins (Gosse, 1986b).

Mochokus niloticus Joannis, 1835

Mochokus Niloticus Joannis, 1835: [Cl. IV, pl. 8]. Type locality: Nil. Holotype: Whereabouts unknown; not found in MNHN by Boulenger (1900d: 526) or subsequently.

Rhinoglanis typus Günther, 1864: 216, unnumbered figure. Type locality: Gondokoro. Holotype: BMNH 1981.4.13.1.

Rhinoglanis Vannutellii Vinciguerra, 1898: 254. Type locality: Iago Rodolfo. Syntypes: MSNG 14419 (4).

Distribution: Nile and Niger basins (Gosse, 1986b).

SYNODONTIS Cuvier, 1816

Synodontis Cuvier, 1816: 203. Type species: *Silurus clarias* Linnaeus, 1758. Type by subsequent designation by Bleeker, 1862 (in Bleeker, 1862–63): 6. Gender: Feminine.

Leiosynodontis Bleeker, 1862 (in Bleeker, 1862–63): 6. Type species: *Synodontis maculosus* Rüppell, 1829. Type by original designation. Gender: Feminine.

Pseudosynodontis Bleeker, 1862 (in Bleeker, 1862–63): 6. Type species: *Synodontis serratus* Rüppell, 1829. Type by original designation. Gender: Feminine.

Revision: Vaillant (1895b, 1896b); Poll (1971, with keys to species).

Reviews: Willoughby (1994, Lake Kainji, Nigeria); Bruwer & van der Bank (2003, southern Africa).

Keys: Skelton & White (1990, southern Africa); Bruwer & van der Bank (2003).

Remarks: The name *Synodontes* published in Minding (1832: 116) is considered an incorrect subsequent spelling and not an available name.

Synodontis acanthomias Boulenger, 1899

Synodontis acanthomias Boulenger, 1899a: 46, pl. 23. Type locality: Boma et Léopoldville [restricted to Boma by lectotype designation]. Lectotype: MRAC 18, designated by Poll (1971: 282).

Synodontis pfefferi Steindachner, 1912: 447. Type locality: Dscha, Nebenfluss des Congo im Bezirke Molundu des südlichen Kamerun. Holotype: NMW 9023. Species illustrated and described in more detail in Steindachner (1913: 43, pl. 8).

Distribution: Congo River basin, except central forest (Gosse, 1986b).

Synodontis afrofisheri Hilgendorf, 1888

Synodontis Afro-Fischeri Hilgendorf, 1888: 77. Type locality: Victoria-Nyanza (Ukerewe-See). Holotype: ZMB 12745. Holotype illustrated in Poll (1971: fig. 28) and Seegers (1996: fig. 171).

Distribution: Lakes Victoria, Nabugabo, Kioga, Ihema; Nile, Kagera, Kingani Malagarasi Rivers (Gosse, 1986b); Piti River, Lake Rukwa basin (Seegers, 1996).

Synodontis alberti Schilthuis, 1891

Synodontis alberti Schilthuis, 1891: 88. Type locality: Kinshasa, Stanley Pool. Lectotype: BMNH 1899.9.6.9, designated by, and illustrated in, Poll (1971: 252, fig. 114).

Distribution: Congo River basin (Gosse, 1986b).

Synodontis albolineata Pellegrin, 1924

Synodontis albolineatus Pellegrin, 1924b: 320, fig. 1. Type locality: Madjingo, rivière Djoua (Gabon). Holotype: MNHN 1924-0147, illustrated in Poll (1971: fig. 68).

Distribution: Ogowe River basin; known only from type locality (Gosse, 1986b).

Synodontis angelica Schilthuis, 1891

Synodontis angelica Schilthuis, 1891: 87. Type locality: Léopoldville, Stanley Pool. Holotype: BMNH 1899.9.6.8; holotype illustrated in Poll (1971: fig. 110, top).

Synodontis tholloni Boulenger, 1901a: 304. Type locality: bassin de l'Ogooué (?). Holotype: MNHN 1890-0030.

Synodontis angelicus zonatus Poll, 1933: 134, fig. 11. Type locality: Lukulu (riv. Lukulu). Holotype: MRAC 37904; holotype illustrated in Poll (1971: fig. 110, bottom). Originally as *Synodontis angelicus* var. *zonatus*.

Synodontis werneri Boeseman, 1957: 146, pl. 5. Type locality: Stanley Pool, Belgian Congo. Holotype: RMNH 20913.

Distribution: Congo River basin, except in central forest (Gosse, 1986b).

Synodontis annectens Boulenger, 1911

Synodontis annectens Boulenger, 1911d: 56. Type locality: Nianimaru, Gambia; Culufi and Geba Rivers, Portuguese Guinea [restricted to Nianimaru by lectotype designation]. Lectotype: BMNH 1901.12.28.60, designated by Poll (1971: 131).

Distribution: Gambia; Geba basin, Guinea Bissau; and Taja basin, Sierra Leone (Gosse, 1986b).

Synodontis ansorgii Boulenger, 1911

Synodontis ansorgii Boulenger, 1911b: 375. Type locality: Geba and Culufi Rivers, Portuguese Guinea [restricted to Geba River, by lectotype designation]. Lectotype: BMNH 1912.4.1.128, designated by, and illustrated in, Poll (1971: 135, fig. 56).

Distribution: Geba River basin, Guinea-Bissau; and Taja River basin, Sierra Leone (Gosse, 1986b).

Synodontis arnoulti Roman, 1966

Synodontis arnoulti Roman, 1966: 141, pl. 7 (fig. 14). Type locality: le Kou, affluent de la Volta Noire, à 30 km au Nord de Bobo-Dioulasso. Holotype: MRAC 141742.

Distribution: Volta River basin (Gosse, 1986b).

Synodontis aterrima Poll & Roberts, 1968

Synodontis aterrimus Poll & Roberts, 1968: 297, figure on p. 298. Type locality: Bokuma, Bassin du Congo. Holotype: MRAC 101466.

Distribution: Central Congo River basin (Gosse, 1986b).

Synodontis bastiani Daget, 1948

Synodontis bastiani Daget, 1948: 35, fig. 10. Type locality: Côte d'Ivoire: Bouaflé. Holotype: MNHN 1949-0055.

Synodontis dageti Poll & Roman, 1967: 185, fig. 3. Type locality: [68 km south of Bolo-Dioulasso], Haut Comoé. Holotype: MRAC 141982.

Synodontis eburneensis Daget, 1965: 473. Type locality: le Bandama au lieu dit Lamto, à mi-chemin entre Toumodi et Tiassalé (Côte d'Ivoire). Holotype: MNHN 1964-0266; holotype illustrated in Poll (1971: fig. 92).

Distribution: Sassandra, Bandama, Bia, and Comoré basins, Côte d'Ivoire (Gosse, 1986b).

Remarks: Synonymy of these three names first proposed by Paugy & Roberts (1992).

Synodontis batesii Boulenger, 1907

Synodontis Batesii Boulenger, 1907b: 50. Type locality: Ja River, South Cameroon. Lectotype: BMNH 1907.5.22.179; designated by, and illustrated in, Poll (1971: 331, fig. 150).

Distribution: Central Congo River basin; Ja River and Nyong River, Cameroon; Muni River, Equatorial Guinea (Gosse, 1986b).

Synodontis brichardi Poll, 1959

Synodontis brichardi Poll, 1959: 100, pl. 17 (figs. 2 a–c). Type locality: Léopoldville, début des rapides à Kinsuka. Holotype: MRAC 100494.

Distribution: Lower Congo River rapids (Gosse, 1986b).

Synodontis budgetti Boulenger, 1911

Synodontis budgetti Boulenger, 1911a: 403, fig. 305. Type locality: Lokoja, Upper Niger [Nigeria]. Holotype: BMNH 1904.1.20.42.

Distribution: Niger and Oueme Rivers, Nokuoue Lake (Gosse, 1986b).

Synodontis camelopardalis Poll, 1971

Synodontis camelopardalis Poll, 1971: 430, fig. 202; pls. 7 (fig. 4), 12 (fig. 14). Type locality: Eala, riv. Ruki. Holotype: MRAC 47654.

Distribution: Central Congo River basin; known only from type locality (Gosse, 1986b).

Synodontis caudalis Boulenger, 1899

Synodontis caudalis Boulenger, 1899a: 44, pl. 22 (fig. 1). Type locality: Boma, Matadi, Léopoldville [restricted to Matadi by lectotype designation]. Lectotype: MRAC 57, designated by, and illustrated in, Poll (1971: 274, fig. 124).

Distribution: (Gosse, 1986b).

Synodontis caudovittata Boulenger, 1901

Synodontis caudovittatus Boulenger, 1901c: 10. Type locality: Mouth of Lake No, White Nile. Lectotype: BMNH 1907.12.2.2360, designated by, and illustrated in, Poll (1971: 104).

Distribution: Nile River basin (Gosse, 1986b).

Synodontis centralis Poll, 1971

Synodontis centralis Poll, 1971: 435, fig. 204; pls. 7(fig. 7), 12 (fig. 12). Type locality: Ndwa village, Kunungu, Zaire. Holotype: MRAC 57198.

Distribution: Central Congo River basin (Gosse, 1986b).

Synodontis clarias (Linnaeus, 1758)

Silurus clarias Linnaeus, 1758: 306. Type locality: habitat in Americae, Africae fluviis. Types: See Remarks, below.

Silurus callarias Bloch & Schneider, 1801: 379. Type locality: in fluviis Americae australis et Nilo. Syntypes: on *Silurus clarias* Linnaeus, and Bloch (1782: pl. 35, figs. 1–2). An unneeded new name for *Silurus clarias* Linnaeus, 1758.

Pimelodus synodontis Geoffroy Saint-Hilaire, 1809: pl. 12 (figs. 5–6). Type locality: Nil. Holotype: MNHN 0000-4194. Name available on caption to plate. Species described as *Synodontis macrodon* by Geoffroy Saint-Hilaire (1827: 295).

Synodontis macrodon Geoffroy Saint-Hilaire, 1827: 295. Type locality: Fl. Nil (Egypte). Holotype: MNHN 0000-4194. New name for *Pimelodus synodontis* Geoffroy Saint-Hilaire, 1809.

Distribution: Nile, Niger, Senegal, Gambia, and Volta River basins, Chad system (Gosse, 1986b).

Remarks: Silfvergrip (1996: 8–9) discussed the specimens that formed the type series for *Silurus clarias*. Two of the four type specimens are extant, neither of which is a species of *Synodontis*. Silfvergrip (1996: 9) selected “Hasselquist’s specimen” (NRM 7044), which was subsequently identified as a specimen of *Bagrus docmak* (Silfvergrip, pers. commun., 2003), as the lectotype of *Silurus clarias*. The nomenclatural impact of this selection would result in *Bagrus docmak* (Forsskål, 1775) becoming a junior synonym of *Silurus clarias*, and the genera *Synodontis* Cuvier, 1816, and *Bagrus* Bosc, 1816, becoming synonyms. Because of the nomenclatural impact of Silfvergrip’s lectotype designation on two relatively well known African catfishes, his designation is not followed here but it left for a more thorough review in the future.

Synodontis comoensis Daget & Lévêque, 1981

Synodontis comoensis Daget & Lévêque, 1981: 45, figs. 1–5. Type locality: rivière Comoé au niveau du bac de Gansé, Parc National de la Comoé (Côte d’Ivoire), 8°39’N, 3°56’W. Holotype: MNHN 1980-1636.

Distribution: Comoé River, Côte d’Ivoire; known only from type locality (Gosse, 1986b).

Synodontis congica Poll, 1971

Synodontis congicus Poll, 1971: 440, fig. 206; pls. 7 (fig. 6), 12 (fig. 16). Type locality: Gangala na Bodio, riv. Dungu. Holotype: MRAC 165695.

Distribution: Congo River basin, except lower Congo, central basin, Luapula-Moero, and high Katanga (Gosse, 1986b).

Synodontis contracta Vinciguerra, 1928

Synodontis contractus Vinciguerra, 1928: 24, pl. 1. Type locality: fiume Rubi a Buta [upper Congo basin]. Lectotype: MSNG 26493, designated by Poll (1971: 383).

Synodontis davidi Axelrod, 1970: 33, figs. Type locality: Stanley Pool near Kinshasha, Congo. Type(s): Whereabouts unknown.

Distribution: Congo River basin (Gosse, 1986b).

Synodontis courteti Pellegrin, 1906

Synodontis Courteti Pellegrin, 1906b: 473. Type locality: Fort-Archambault (Chari) [Soudan]. Holotype: MNHN 1904-0083; illustrated in Poll (1971: 129, fig. 54).

Synodontis thomasi Chabanaud, 1934: 219. Type locality: Afrique équatoriale française. Type(s) (510 mm): Whereabouts unknown.

Distribution: Chad and Niger basins (Gosse, 1986b).

Synodontis cuangoana Poll, 1971

Synodontis cuangoanus Poll, 1971: 446, fig. 208; pl. 7 (fig. 10), pl. 12 (fig. 17). Type locality: Cuango, Cafunfo (8°47’S, 18°01’E). Holotype: MRAC 172253.

Distribution: Congo River basin, south of Kasai, Zaire and Angola (Gosse, 1986b).

Synodontis decora Boulenger, 1899

Synodontis decorus Boulenger, 1899a: 49, pl. 25. Type locality: Léopoldville et Nouvelle-Anvers; [restricted to Nouvelle-Anvers by lectotype designation]. Lectotype: MRAC 154, designated by Poll (1971: 291).

Synodontis vittatus Boulenger, 1920a: 31, pl. 25. Type locality: Stanleyville. Lectotype: MRAC 7119, designated by Poll (1971: 295).

Distribution: Congo River basin, except Luapula River system (Gosse, 1986b).

Synodontis dekimpei Paugy, 1987

Synodontis dekimpei Paugy, 1987: 357, fig. 1. Type locality: rivière Konkouré à Soukya (aval du pont routier Kindia-Telimélé en amont de Tondo) (Guinée). Holotype: MRAC 81-20-P-11.

Distribution: Konkouré River, Guinea (Paugy, 1987).

Synodontis depauwi Boulenger, 1899

Synodontis depauwi Boulenger, 1899a: 45, pl. 22 (fig. 2). Type locality: Léopoldville. Lectotype: MRAC 111, designated by Poll (1971: 278).

Distribution: Congo River at Stanley Pool (Gosse, 1986b).

Synodontis dhonti Boulenger, 1917

Synodontis dhonti Boulenger, 1917b: 367. Type locality: Kilewa Bay [Lake Tanganyika]. Holotype: MRAC 14344; holotype illustrated in Poll (1946: 211, figs. 21–22, and 1971: fig. 168).

Synodontis irsacae Matthes, 1959b: 78. Type locality: Kalundu, nord du Lac Tanganyika. Holotype: MRAC 130315.

Distribution: Lake Tanganyika (Gosse, 1986b).

Synodontis dorsomaculata Poll, 1971

Synodontis dorsomaculatus Poll, 1971: 449, fig. 210; pl. 7 (fig. 8), pl. 12 (fig. 18). Type locality: Kadia, Kisale. Holotype: MRAC 71395.

Distribution: Upper Lualaba (Katanga), Congo River basin (Gosse, 1986b).

Synodontis euptera Boulenger, 1901

Synodontis eupterus Boulenger, 1901c: 11. Type locality: Mouth of Lake No, White Nile. Holotype (147 mm SL): BMNH 1907.12.2.2376; holotype redescribed and illustrated in Boulenger (1907a: 370, pl. 68), with locality as Goz-abu-Gumah, White Nile; holotype also illustrated in Poll (1971: fig. 44).

Synodontis macrepipterus Pellegrin, 1922b: 222. Type locality: Fort Crampel (Gribingui). Holotype: MNHN 1922-0031.

Distribution: White Nile, Chad Basin (Gribingui), Niger and Volta Rivers (Gosse, 1986b).

Synodontis fascipinna Nichols & La Monte, 1953

Synodontis fascipinna Nichols & La Monte, 1953: 2, fig. 2. Type locality: Birao, eastern French Equatorial Africa. Holotype: AMNH 19841.

Distribution: Headwaters of the Chari River basin; known only from type locality (Gosse, 1986b).

Synodontis filamentosa Boulenger, 1901

Synodontis filamentosus Boulenger, 1901c: 10. Type locality: Mouth of Lake No, White Nile. Holotype: BMNH 1907.12.2.2377; holotype illustrated in Boulenger (1907: pl. 69) and Poll (1971: fig. 42).

Synodontis augierasi Pellegrin, 1929a: 136, fig. 1. Type locality: [Niger R. at Koulikoro, Mali, w. Africa.] Syntypes: MNHN 1928-0243 (1), MNHN 1928-0244 (1).

Distribution: Nile, Chad, Niger, and Volta basins (Gosse, 1986b).

Synodontis flavitaeniata Boulenger, 1919

Synodontis flavitaeniatus Boulenger, 1919: 161. Type locality: Eala [Congo River basin]. Holotype: MRAC 1369; holotype illustrated in Poll (1971: fig. 170).

Distribution: Central Congo River basin (Gosse, 1986b).

Synodontis frontosa Vaillant, 1895

Synodontis frontosus Vaillant, 1895a: 48. Type locality: Nil [White Nile, Sudan]. Holotype: MNHN 0000-4208. Illustrated in Vaillant (1895b: pl. 10, fig. 8) and described in more detail in Vaillant (1896b: 146).

Synodontis Citeronii Vinciguerra, 1898: 247. Type locality: Lago Rodolfo. Holotype: MSNG 14423 (dry).

Distribution: Nile basin; Lakes Rudolf, Albert, Eduard and Kioga; Chad basin; Uebi Giupa (Uebi Shebeli) (Gosse,

1986b).

Synodontis fuelleborni Hilgendorf & Pappenheim, 1903

Synodontis fuelleborni Hilgendorf & Pappenheim, 1903: 265. Type locality: Rukwa-See. Lectotype: ZMB 16309, designated by, and illustrated in, Poll (1971: 320, fig. 146); lectotype also illustrated in Seegers (1996: fig. 177). Distribution: Rukwa Lake and Rufigi basin (Gosse, 1986b).

Synodontis gambiensis Günther, 1864

Synodontis gambiensis Günther, 1864: 214. Type locality: Gambia. Holotype: BMNH 2005.9.9.1; holotype illustrated in Poll (1971: fig. 20).

Synodontis gambiensis latifrons Blache, 1964: 201, fig. 112. Type locality: Lake Tchad basin. Syntypes: Possibly MNHN 1959-0495 (2), MNHN 1959-0500 (5), MNHN 1959-0524 (8).

Distribution: Niger, Chad, Gambia, Geba, Taja, Waange, Volta, and Oueme basins (Gosse, 1986b).

Remarks: Considered to be a synonym of *Synodontis schall* by Lévêque *et al.* (1989: 120) and Paugy (in Lévêque *et al.*, 1992: 561). Register number for holotype of *Synodontis gambiensis* Günther, given in Poll (1971) and Eschmeyer *et al.* (1998) as BMNH 1863.16.4.40, is incorrect; it not a possible register number in the BMNH system.

Synodontis geledensis Günther, 1896

Synodontis geledensis Günther, 1896b: 220, fig. 2. Type locality: Geledi on the Shebeli. Holotype: BMNH 1895.12.31.69.

Distribution: Uebi Shebeli, Somalia; Lorian Swamps and Uasso Nyiro (Uebi Giuba basin), Kenya (Gosse, 1986b).

Synodontis gobroni Daget, 1954

Synodontis gobroni Daget, 1954: 301, fig. 113. Type locality: Mopti, Markala. Syntypes (4): MNHN 1954-0005 (1), MNHN1960-0471 (1).

Distribution: Niger River basin (Gosse, 1986b).

Remarks: Treated in Willoughby (1994: 28) as a synonym of *Synodontis guttatus* Günther, 1865.

Synodontis granulosa Boulenger, 1900

Synodontis granulosa Boulenger, 1900c: 480. Type locality: North end of Lake Tanganyika. Lectotype: BMNH 1906.9.6.40, designated by, and illustrated in, Poll (1971: 303, fig. 138).

Distribution: Lake Tanganyika (Gosse, 1986b).

Synodontis greshoffi Schilthuis, 1891

Synodontis greshoffi Schilthuis, 1891: 87. Type locality: Kinshasa, Stanley Pool. Holotype: BMNH 1899.9.6.7; holotype illustrated in Poll (1971: fig. 112).

Synodontis holopercnus Boulenger, 1920a: 28. Type locality: Bosabangi, Avakubi, & Poko, Congo Belge. Syntypes (5): BMNH 1919.9.10.264-265 (2), MRAC 7616 (1), MRAC 7775 (1), MRAC 7829 (1).

Synodontis pantherinus Boulenger, 1920b: 149. Type locality: Ituri à Avakubi. Holotype: MRAC 14513.

Distribution: Congo River basin, except Luapula River system and lower Congo (Gosse, 1986b).

Synodontis guttata Günther, 1865

Synodontis guttatus Günther, 1865a: 452. Type locality: Niger. Holotype: BMNH 1865.4.6.4 (29 inches, dry); holotype illustrated in Boulenger (1911a: fig. 335) and Poll (1971: fig. 24)

Distribution: Lower Niger basin (Gosse, 1986b).

Synodontis haugi Pellegrin, 1906

Synodontis Haugi Pellegrin, 1906a: 470. Type locality: Ngomo (Ogôoué). Holotype: MNHN 1906-0209; holotype illustrated in Poll (1971: fig. 52).

Distribution: Ogowe River basin (Gosse, 1986b).

Synodontis iturii Steindachner, 1911

Synodontis melanostictus iturii Steindachner, 1911c: 534. Type locality: Ituriflüsse. Holotype: NMW 46049; holotype illustrated in Poll (1971: fig. 160). Originally as *Synodontis melanostictus* var. *iturii*.

Synodontis ituriensis Boulenger, 1920a: 28. Type locality: Mawambi sur l'Ituri, Congo Belge. Holotype: MRAC 7576.

Distribution: Ituri River (Gosse, 1986b).

Synodontis katangae Poll, 1971

- Synodontis katangae* Poll, 1971: 454, fig. 212; pls. 7 (fig. 11), 12 (fig. 19). Type locality: Lukonzolwa, lac Moëro. Holotype: MRAC 14231.
Distribution: Congo River basin, high Katanga and Luapula-Moero (Gosse, 1986b).
- Synodontis khartoumensis*** Abu Gideiri, 1967
Synodontis khartoumensis Abu Gideiri, 1967: 133, fig. 1. Type locality: Blue Nile, two miles from place where the Blue Nile joins the White Nile to form the main Nile at Khartoum, Sudan. Holotype: at Sudan Natural History Museum.
Distribution: Nile basin and Lake Albert (Gosse, 1986b).
- Synodontis koensis*** Pellegrin, 1933
Synodontis koensis Pellegrin, 1933a: 110, fig. on p. 111. Type locality: Man (rivière Ko). Holotype: NMBA 4500; holotype illustrated in Poll (1971: fig. 72).
Distribution: Nzo River of Sassandra River basin, Côte d'Ivoire (Gosse, 1986b).
- Synodontis laessoei*** Norman, 1923
Synodontis laessoei Norman, 1923c: 696. Type locality: Kokema River, a tributary of the Quanza River, Angola; altitude 4000 ft. Holotype: BMNH 1923.8.15.3; holotype illustrated in Poll (1971: fig. 176).
Distribution: Kolema River of Quanza River basin, Angola; known only from type locality (Gosse, 1986b).
- Synodontis leopardina*** Pellegrin, 1914
Synodontis leopardinus Pellegrin, 1914: 26. Type locality: Pays des Barotsés (Ht.-Zambèze). Holotype: MNHN 1913-0321; holotype illustrated in Poll (1971: fig. 162).
Synodontis jallae Gilchrist & Thompson, 1917: 561. Type locality: Shesheke, S. Rhodesia. Holotype: SAM 14290 [now at AMG].
Distribution: Cunene, Upper Zambezi and Okovango river basins (Skelton, 1993).
- Synodontis leoparda*** Pfeffer, 1896
Synodontis leopardus Pfeffer, 1896: 35. Type locality: Rufu bei Korogwe. Holotype: at ZMH (Gosse, 1986: 132).
Distribution: Coastal rivers of Tanzania and Somalia (Gosse, 1986b).
Remarks: Considered by De Vos (2001a: 49) as a possible synonym of *Synodontis zanzibaricus* Peters, 1868.
- Synodontis levequei*** Paugy, 1987
Synodontis levequei Paugy, 1987: 361, fig. 3. Type locality: rivière Kakrima (basin du Konkouré), près de Kasséri (Guinée). Holotype: MNHN 1987-0931.
Distribution: Kakrima River (Paugy, 1987).
- Synodontis longirostris*** Boulenger, 1902
Synodontis longirostris Boulenger, 1902d: 44, pl. 12 (fig. 2). Type locality: Rivière Yembe à Banzyville. Holotype: MRAC 1243.
Synodontis ovidius Lönnberg & Rendahl, 1920: 173, figs 4–5. Type locality: Mukimbungu, Lower Congo. Holotype: NRM 9913.
Distribution: Congo River basin (Gosse, 1986b).
- Synodontis longispinis*** Pellegrin, 1930
Synodontis Batesi longispinis Pellegrin, 1930: 207. Type locality: la Sangha. Holotype: MNHN 1929-0245; holotype illustrated in Poll (1971: fig. 182). Originally as *Synodontis Batesi* var. *longispinis* nov. var.
Distribution: Sangha River, Congo River basin (Gosse, 1986b).
- Synodontis lufirae*** Poll, 1971
Synodontis lufirae Poll, 1971: 459, fig. 214; pl. 7 (fig. 12). Type locality: Lac de Koni, Lufira. Holotype: MRAC 168400.
Distribution: Lufira River, Congo River basin (Gosse, 1986b).
- Synodontis macrophthalmus*** Poll, 1971
Synodontis macrophthalmus Poll, 1971: 207, fig. 98; pls. 3 (fig. 15), 10 (fig. 5). Type locality: Ampem, Volta Lake (Ghana). Holotype: MRAC 168500.
Distribution: Volta Lake, Ghana (Gosse, 1986b).
- Synodontis macrops*** Greenwood, 1963
Synodontis macrops Greenwood, 1963: 66. Type locality: tributary stream of the Aswa River, Teso district, Uganda.

Holotype: BMNH 1961.12.1.319; holotype illustrated in Poll (1971: fig. 88).

Distribution: Aswa River basin; Nile River system, Uganda (Gosse, 1986b).

Synodontis macrostigma Boulenger, 1911

Synodontis macrostigma Boulenger, 1911a: 432, fig. 325. Type locality: Okovango River. Lectotype: BMNH 1910.5.31.37, designated by Poll (1971: 345). A previous lectotype designation may have been made by Gilchrist & Thompson (1913: 462) in the caption to fig. 109, in which the illustrated specimen is labeled as the type, if the illustrated specimen can be identified.

Distribution: Kafue and Mashi Rivers, Zambezi River basin; Okovango and Cunene Rivers (Gosse, 1986b; Skelton, 1993).

Synodontis macrostoma Skelton & White, 1990

Synodontis macrostoma Skelton & White, 1990: 281, fig. 3. Type locality: Upper Zambezi River at Katima Mulilo, Caprivi, Namibia. Holotype: AMG P11687.

Distribution: Cunene, Okavango, upper Zambezi and Kafur river basins (Skelton, 1993).

Synodontis manni De Vos, 2001

Synodontis manni De Vos, 2001a: 42, figs. 2–3. Type locality: Kenya: Tana River at Baomo area near Baomo village, 1°55'S, 40°08'E. Holotype: NMK FW-600/1.

Distribution: Tana River, Kenya (De Vos, 2001a).

Synodontis marmorata Lönnberg, 1895

Synodontis marmoratus Lönnberg, 1895: 186. Type locality: Muddy rivulet at Bonge [Cameroon]. Lectotype: ZMUU, 38.5 mm SL specimen, designated by, and illustrated in, Poll (1971: 93, fig. 34).

Synodontis marmoratus truncatus Holly, 1927a: 8. Type locality: Njongfluß, Kamerun. Treated by Gosse (1986) as possible synonym of *S. marmoratus*.

Distribution: Sanaga and Nyong Rivers (Gosse, 1986b).

Synodontis matthesi Poll, 1971

Synodontis matthesi Poll, 1971: 462, fig. 216; pls. 7 (fig. 14), 12 (fig. 20). Type locality: Mtera, riv. Ruaha (Tanzania). Holotype: ZMA 109743.

Distribution: Rufigi River basin, Tanzania (Gosse, 1986b).

Synodontis melanoptera Boulenger, 1903

Synodontis melanopterus Boulenger, 1903d: 327, pl. 29 (fig. 1). Type locality: Oguta, Niger Delta. Lectotype: BMNH 1902.10.25.3, designated and illustrated in Poll (1971: 114, fig. 46).

Distribution: Porto Novo, Benin; Niger, Ouémé and Ogun River basins (Gosse, 1986b).

Synodontis multimaculata Boulenger, 1902

Synodontis multimaculatus Boulenger, 1902d: 43, pl. 12 (fig. 1). Type locality: l'Ubangi à Banzyville. Holotype: MRAC 1314; illustrated in Poll (1971: 306, fig. 140).

Distribution: Ubangi River, Congo River basin (Gosse, 1986b).

Synodontis multipunctata Boulenger, 1898

Synodontis multipunctatus Boulenger, 1898d: 497. Type locality: Lake Tanganyika. Holotype: BMNH 1898.9.9.76; illustrated and described in more detail in Boulenger (1898f: 24, pl. 8), with locality as Sumba.

Distribution: Lake Tanganyika (Gosse, 1986b).

Synodontis nebulosa Peters, 1852

Synodontis nebulosus Peters, 1852: 682. Type locality: Tette [Zambezi River, Mozambique]. Holotype: ZMB 3120; illustrated in Peters (1868c: 28, pl. 5, fig. 1).

Distribution: Lower and middle Zambezi River basin (Skelton, 1993).

Synodontis nigrita Valenciennes, 1840

Synodontis nigrita Valenciennes, in Cuvier & Valenciennes, 1840b: 265 (197 in Strasbourg deluxe edition), pl. 441. Type locality: Sénégal. Holotype: MNHN 0000-3051; illustrated in Poll (1971: 59, fig. 14).

Synodontis ornatus Pappenheim, in Pappenheim & Boulenger, 1914: 251, pl. 5 (fig. 2). Type locality: Albert See. Syntypes: ZMB 19097 (8).

Distribution: Nile, Chad, Niger, Senegal, Gambia, Casamance, Geba, Kolente and Volta River basins; coastal rivers from Ghana to Nigeria (Gosse, 1986b).

Synodontis nigriventris David, 1936

Synodontis nigriventris David, 1936b: 417. Type locality: Mongende; Ikengo; Basongo; Koteli; Buta; Budjala; Léopoldville; Flandria [restricted to Buta by lectotype designation]. Lectotype: MRAC 30312, designated by, and illustrated in, Poll (1971: 397, fig. 186).

Distribution: Central Congo River basin (Gosse, 1986b).

Synodontis nigromaculata Boulenger, 1905

Synodontis nigromaculatus Boulenger, 1905b: 645. Type locality: Lake Bangwelo. Holotype: BMNH 1905.11.10.10; holotype illustrated in Poll (1971: fig. 148).

Synodontis melanostictus Boulenger, 1906f: 553, pl. 34. Type locality: Lofu, Lake Tanganyika. Holotype: BMNH 1906.9.8.72.

Synodontis colyeri Boulenger, 1923: 438. Type locality: Mansa River, N. Rhodesia. Holotype: SAM 14529 [now at AMG].

Distribution: Okavango and upper Zambezi River basins; Upper Congo River basin, Zambia; Lake Tanganyika and Kasai River (Skelton, 1993).

Synodontis njassae Keilhack, 1908

Synodontis njassae Keilhack, 1908: 168. Type locality: Njassa-See. Lectotype: ZMB 18191, designated by, and illustrated in, Poll (1971: 337, fig. 154).

Distribution: Lake Malawi (Gosse, 1986b).

Synodontis notata Vaillant, 1893

Synodontis Maculatus Vaillant, 1892b: 2. Type locality: Riv. Oubangui à Bangui. Holotype: apparently MNHN 1892-0080. *Nomen oblitum*, see Remarks.

Synodontis notatus Vaillant, 1893a: 17. Type locality: Riv. Oubangui à Bangui. Holotype: apparently MNHN 1892-0080. Proposed as a replacement for *Synodontis maculatus*, Vaillant, 1892, considered by Vaillant to be effectively preoccupied by *Synodontis maculosus* Rüppell, 1829. Poll (1971: fig. 116) illustrated MNHN 1886-0436 and referred to it as the lectotype. *Nomen protectum*.

Synodontis notatus binotata Pellegrin, 1926: 205. Type locality: Bolobo, Congo belge. Syntypes (2): MRAC 49686, MNHN 1926-0195. Originally as *Synodontis notatus* var. *binotata*.

Synodontis notatus ocellatus Poll, 1938: 404, fig. 9. Type locality: environs de Maka, riv. Londo [Katanga, bassin du Congo]. Holotype: MRAC 49686. Originally as *Synodontis notatus* var. *ocellatus*.

Distribution: Congo River basin (Gosse, 1986b).

Remarks: *Synodontis notata* Vaillant, 1893, has been in wide use since its proposal (see Gosse, 1986b, for list of publications) and considered here to be a *nomen protectum*. The holotype for *Synodontis maculatus* Vaillant, 1892, and *S. notatus* Vaillant, 1893, is listed by Bertin & Estève (1950) and other sources as MNHN 1886-0436, but Gosse (1986: 135) indicated that the holotype was actually MNHN 1892-0080, which was collected by Dybowski from the Oubangui, as stated in Vaillant (1892).

Synodontis nummifer Boulenger, 1899

Synodontis nummifer Boulenger, 1899a: 47, pl. 24. Type locality: Léopoldville. Holotype: MRAC 107.

Distribution: Congo River basin (Gosse, 1986b).

Synodontis obesus Boulenger, 1898

Synodontis obesus Boulenger, 1898a: 415. Type locality: Gaboon and Opobo River, Old Calabar [restricted to Opobo River by lectotype designation]. Lectotype: BMNH 1896.5.5.67, designated by and illustrated in Poll (1971: 96, fig. 36).

Synodontis loppei Pellegrin, 1927: 365. Type locality: Edea [Cameroon]. Syntypes: MHNLR P.197 (1), MNHN 1927-0278 (1). Illustrated in Pellegrin (1928a: 5, unnumbered figure).

Distribution: Coastal rivers from Ghana to Gabon; basins of the Comoë, Pra, Volta, Momo, Cross, Wouri, Sanaga Nyong, Kribi and Lobé Rivers (Gosse, 1986b).

Synodontis ocellifer Boulenger, 1900

Synodontis ocellifer Boulenger, 1900e: 514. Type locality: Kunchow Creek [River Gambia]. Lectotype: BMNH 1901.7.17.7; designated by, and illustrated in, Poll (1971: 101, fig. 38).

Distribution: Senegal, Gambia, Volta, Chad, and Niger basins (Gosse, 1986b).

***Synodontis omias* Günther, 1864**

Synodontis omias Günther, 1864: 213. Type locality: West Africa [Upper Niger River]. Holotype: BMNH 1863.12.9.3 (skeleton).

Distribution: Niger River basin (Gosse, 1986b).

***Synodontis ornatipinnis* Boulenger, 1899**

Synodontis ornatipinnis Boulenger, 1899b: 111, pl. 43 (fig. 2). Type locality: Coquilhatville et Bikoro (Lac Tumba) [restricted to Coquilhatville by lectotype designation]. Lectotype: MRAC 968, designated by Poll (1971: 299).

Distribution: Congo River system (Gosse, 1986b).

***Synodontis ornatissima* Gosse, 1982**

Synodontis ornatus Boulenger, 1920a: 29, fig. 14. Type locality: Poko, Congo Belge. Holotype: MRAC 7144. Preoccupied by *Synodontis ornatus* Pappenheim, 1914; replaced by *Synodontis ornatissimus* Gosse, 1982.

Synodontis ornatissimus Gosse, 1982: 48. Type locality: Poko, Congo Belge. Holotype: MRAC 7144. Replacement for *Synodontis ornatus* Boulenger, 1920; preoccupied by *Synodontis ornatus* Pappenheim, 1914.

Distribution: Ubangi River and its tributaries, Congo River basin (Gosse, 1986b).

***Synodontis pardalis* Boulenger, 1908**

Synodontis pardalis Boulenger, 1908a: 30. Type locality: a waterfall of the Libi River, near the Ja River (Congo System), South Cameroon. Lectotype: BMNH 1909.4.29.91, designated by, and illustrated in, Poll (1971: 334, fig. 152).

Distribution: Ja River, Congo River basin, Cameroon (Gosse, 1986b).

***Synodontis petricola* Matthes, 1959**

Synodontis petricola Matthes, 1959b: 78. Type locality: lac Tanganyika. Holotype: MRAC 130357; holotype illustrated in Poll (1971: fig. 192).

Distribution: Lake Tanganyika (Gosse, 1986b).

***Synodontis pleurops* Boulenger, 1897**

Synodontis pleurops Boulenger, 1897b: 423. Type locality: Stanley Falls, upper Congo. Holotype: BMNH 1897.9.30.13; holotype illustrated in Poll (1971: fig. 120).

Distribution: Congo River basin, except the Luapula system and the lower Congo River (Gosse, 1986b).

***Synodontis polli* Gosse, 1982**

Synodontis eurystomus Matthes, 1959b: 77. Type locality: lac Tanganyika, confiné au littoral rocheux du lac. Holotype: MRAC 130440. Holotype illustrated in Matthes (1962: pl. 1, fig. c) and Poll (1971: fig. 190). Preoccupied by *Synodontis eurystomus* Pfeffer, 1889; replaced by *Synodontis polli* Gosse, 1982.

Synodontis polli Gosse, 1982: 48. Type locality: Luhanga, Lake Tanganyika. Holotype: MRAC 130440. Replacement for *Synodontis eurystomus* Matthes, 1959.

Distribution: Lake Tanganyika (Gosse, 1986b).

***Synodontis polyodon* Vaillant, 1895**

Synodontis polyodon Vaillant, 1895a: 48. Type locality: Ogôoué. Holotype: MNHN 1886-0433; holotype illustrated in Vaillant (1895b: pl. 9, fig. 1), and described in more detail in Vaillant (1896b: 127).

Distribution: Ogowe River basin (Gosse, 1986b).

***Synodontis polystigma* Boulenger, 1915**

Synodontis polystigma Boulenger, 1915: 170. Type locality: Rivière Luapula, à Kasenga; lac Moëro, à Lukonzolwa [restricted to lac Moëro by lectotype designation]. Lectotype: MRAC 14174, designated by, and illustrated in, Poll (1971: 356, fig. 164).

Distribution: Luapula-Moëro Rivers, Congo River basin (Gosse, 1986b).

***Synodontis pulcher* Poll, 1971**

Synodontis pulcher Poll, 1971: 465, fig. 218; pls. 7 (fig. 13), 12 (fig. 21). Type locality: Stanley Pool. Holotype: MRAC 168399.

Distribution: Stanley Pool, Congo River basin (Gosse, 1986b).

***Synodontis punctifer* Daget, 1965**

Synodontis punctifer Daget, 1965: 472. Type locality: le Nzo à Guiglo, Côte d'Ivoire. Holotype: MNHN 1964-0265; holotype illustrated in Poll (1971: fig. 90).

Distribution: Nzo River, Sassandra River basin (Gosse, 1986b).

***Synodontis punctulata* Günther, 1889**

Synodontis punctulatus Günther, 1889: 71, pl. 8 (fig. a). Type locality: River Ruva, in the Arusha country. Lectotype: BMNH 1887.11.3.47; designated by, and illustrated in, Poll (1971: 233, fig. 108).

Distribution: Ruwa River, Tanzania; Uebi Shebeli, Somalia (Gosse, 1986b).

Remarks: Considered to be a possible synonym of *Synodontis zanzibaricus* Peters, 1868 (De Vos 2001a: 49).

***Synodontis rebeli* Holly, 1926**

Synodontis rebeli Holly, 1926: 157. Illustrated in Holly (1927b: 215, figs. 5–6). Type locality: Bamfluß, Flußgebiet des Sanaga in Kamerun. Lectotype: NMW 7796: 1; designated by, and illustrated in, Poll (1971: 155, fig. 70).

Distribution: Sanaga River basin, Cameroon (Gosse, 1986b).

***Synodontis resupinata* Boulenger, 1904**

Synodontis resupinatus Boulenger, 1904c: 199, pl. 8. Type locality: Lokoja, Northern Nigeria. Holotype: BMNH 1904.1.20.52.

Distribution: Niger River basin (Gosse, 1986b).

***Synodontis ricardoae* Seegers, 1996**

Synodontis ricardoae Seegers, 1996: 245, figs. 178–180. Type locality: Kazizi, some kilometers northeast of Muze, at the northwestern shore of Lake Rukwa, Rukwa region, western Tanzania (07°37'N, 31°36'E). Holotype: MRAC 94-34-P-1093.

Distribution: Lake Rukwa basin (Seegers, 1996).

***Synodontis robbianus* Smith, 1875**

Synodontis robbianus Smith, 1875: 92, fig. 1. Type locality: Ikorofiong, Old Calabar River. Syntype: BMNH 1874.5.23.3 (1); illustrated in Poll (1971: fig. 26) as holotype.

Distribution: Lower Niger River and Cross River (Gosse, 1986b).

***Synodontis robertsi* Poll, 1974**

Synodontis robertsi Poll, 1974: 442, fig. 1. Type locality: Riv. Lukenie à Elombe, ferry landing, lat. 2°49'S, long. 18°14'E. Holotype: MRAC 189535.

Distribution: Lukenie River, Congo River basin; known only from type locality (Gosse, 1986b).

***Synodontis ruandae* Matthes, 1959**

Synodontis ruandae Matthes, 1959a: 62. Type locality: Riv. Kagera à Rusumu, Ruanda. Holotype: MRAC 130345; holotype illustrated in Poll (1971: 178, fig. 82).

Distribution: Kagera River basin, Nile-Victoria system (Gosse, 1986b).

***Synodontis rufigiensis* Bailey, 1968**

Synodontis rufigiensis Bailey, 1968: 346, fig. 1. Type locality: Lake Lugongwe, at Utete on the lower Rufiji, Tanzania. Holotype: BMNH 1968.6.12.1; holotype illustrated in Poll (1971: 428, fig. 200).

Distribution: Rufiji River basin, Tanzania (Gosse, 1986b).

***Synodontis rukwaensis* Hilgendorf & Pappenheim, 1903**

Synodontis zambezensis rukwaensis Hilgendorf & Pappenheim, 1903: 267. Type locality: Rukwa Sees. Lectotype: ZMB 16311; designated by, and illustrated in, Seegers (1996: 249, fig. 182).

Synodontis maculipinna Norman, 1922: 687. Type locality: Mpanganye, Rufiji River, Tanganyika Territory. Lectotype: BMNH 1922.4.18.27, designated by, and illustrated in, Poll (1971: 376, fig. 174); lectotype also illustrated in Seegers (1996: fig. 184).

Synodontis wamiensis Lohberger, 1930: 91, fig. 1. Type locality: aus dem Wami-flusse und Nebenflüssen [30 km. north of Bahamojo, Tanzania]. Holotype: NMW 18866; illustrated in Seegers (1996: fig. 185).

Distribution: Lake Rukwa basin, Ugalla basin Malagarasi system, and coastal drainages of Tangazni south of the Pangani River (Seegers, 1996).

Remarks: Synonymy based on Seegers (1996).

***Synodontis schall* (Bloch & Schneider, 1801)**

Silurus schall Bloch & Schneider, 1801: 385. Type locality: Habitat Nilum. Holotype: ZMB 3110 (lost; Paepke, 1999: 99).

Pimelodus clarias Geoffroy Saint-Hilaire, 1809: pl. 13 (figs. 3–4). Type locality: Nil, Egypt. Holotype: Possibly

MNHN 0000-4203 (1) or MNHN 0000-4205 (1 of 2). Name available from plate, with illustrated specimen the holotype, if identifiable. Described as *Synodontis clarias* in Geoffroy Saint-Hilaire (1827: 299). Independence of this name and *Silurus clarias* Linnaeus not clearly established, but treated as independent in literature (e. g., Poll, 1971).

Synodontis maculosus Rüppell, 1829: 10, pl. 3 (fig. 1). Type locality: die Märkte von Cairo. Lectotype: SMF 653, designated by Poll (1971: 50).

Synodontis arabi Valenciennes, in Cuvier & Valenciennes, 1840b: 261 (194 in Strasbourg deluxe edition). Type locality: Nil, Egypte. Syntypes: MNHN 0000-4203 (1), MNHN 0000-4205 (2). Unneeded new name for *Silurus schall* Bloch & Schneider, 1801.

Synodontis smithii Günther, 1896b: 222, pl. 9. Type locality: [Not stated; introduction indicates specimen obtained “en route to Lake Rudolph”; BMNH register lists Lake Stephanie [sic, Lac Stefanie, Kenya] and Poll (1971) listed Lake Rudolph, but these are in contradiction to statements in introduction]. Holotype: BMNH 1895.12.31.68.

Distribution: Nile basin, Abaia, Stephanie and Rudolf Lakes, Chad, Niger, Senegal, Uebi Guiba (Uebi Shebeli) basins and possibly Tana and Volta rivers (Gosse, 1986b).

***Synodontis schoutedeni* David, 1936**

Synodontis schoutedeni David, 1936b: 416. Type locality: Kungungu; Koteli; Basongo; Mongende; Budjala; Bumba; Flandria [restricted to Kungungu by lectotype designation]. Lectotype: MRAC 38093; designated by, and illustrated in, Poll (1971: 393, fig. 184).

Distribution: Central Congo River basin (Gosse, 1986b).

***Synodontis serpentis* Whitehead, 1962**

Synodontis serpentis Whitehead, 1962b: 100, figs. 1a, 1b. Type locality: Athi River at Jilore, thirty miles from river mouth, Kenya. Holotype: BMNH 1962.1.19.1.

Distribution: Athi and Tana River basins, Kenya (Gosse, 1986b).

***Synodontis serrata* Rüppell, 1829**

Synodontis serratus Rüppell, 1829: 8, pl. 2 (fig. 1). Type locality: Cairo. Holotype: SMF 2649 (dry).

Synodontis humeratus Valenciennes, in Cuvier & Valenciennes, 1840b: 264 (196 in Strasbourg deluxe edition). Type locality: Nil. No types known; based on a drawing.

Distribution: Nile basin (Gosse, 1986b).

***Synodontis smiti* Boulenger, 1902**

Synodontis smiti Boulenger, 1902d: 45, pl. 12 (fig. 3). Type locality: l'Ubangi à Banzyville. Lectotype: MRAC 1266, designated in Poll (1971: 316).

Synodontis tenuis Nichols & Griscom, 1917: 717, fig. 25. Type locality: Stanleyville, Congo. Holotype: AMNH 6535.

Distribution: Ubangi and Lualaba Rivers, Congo River basin (Gosse, 1986b).

***Synodontis soloni* Boulenger, 1899**

Synodontis soloni Boulenger, 1899b: 110, pl. 43 (fig. 1). Type locality: Congo. Lectotype: MRAC 155385, designated by Poll (1971: 296).

Distribution: Stanley Pool rapids and Libenge, Congo River basin (Gosse, 1986b).

***Synodontis sorex* Günther, 1864**

Synodontis sorex Günther, 1864: 211. Type locality: Chartoum, upper Nile. Lectotype: BMNH 1862.6.17.69, designated by Poll (1971: 65).

Distribution: Nile, Chad, Niger and Volta basins (Gosse, 1986b).

Remarks: Lectotype register number incorrectly listed as BMNH 1862.1.17.69 in Poll (1971) and Eschmeyer *et al.* (1998).

***Synodontis steindachneri* Boulenger, 1913**

Synodontis steindachneri Boulenger, 1913: 69. Type locality: Nyong River, S. Cameroon. Holotype: BMNH 1913.10.29.16; holotype illustrated in Boulenger (1916: fig. 188) and Poll (1971: fig. 162).

Distribution: Nyong River, Cameroon (Gosse, 1986b).

***Synodontis tanganaicae* Borodin, 1936**

Synodontis serratus tanganyicae Borodin, 1936: 9. Type locality: Kasanga, Lake Tanganyika. Lectotype: MCZ 32538; designated by De Vos & Thys van den Audenaerde (1998: 148).

Synodontis lacustricolus Poll, 1953: 157, fig. 18a; pl. 6 (fig. 3). Type locality: Stat. 123, au large de Karéma [Lac Tanganyika]. Holotype: IRSNB 197.

Distribution: Lake Tanganyika (De Vos & Thys van den Audenaerde, 1998: 153).

Remarks: Synonymy first proposed in De Vos & Thys van den Audenaerde (1998: 153), with valid name as *Synodontis tanganyicae*.

Synodontis tessmanni Pappenheim, 1911

Synodontis tessmanni Pappenheim, 1911: 523, fig. 5. Type locality: Akonangi, im Kje [Ntem basin]. Holotype (12.8 cm SL): ZMB 18413; illustrated in Poll (1971: fig. 62), as lectotype, but a holotype was clearly stated (as “Type der Art”) in description.

Synodontis hollyi ntemensis Pellegrin, 1929b: 367. Type locality: Nyabessan (Ntem), Cameroun. Holotype: MNHN 1929-0051. Originally as *Synodontis Hollyi* var. *ntemensis* nov. var.

Distribution: Ntem River, Cameroon (Gosse, 1986b).

Synodontis thamalakanensis Fowler, 1935

Synodontis thamalakanensis Fowler, 1935a: 274, fig. 12. Type locality: Thamalakane River, Maun, Bechuanaland Protectorate. Holotype: ANSP 53245.

Distribution: Okavango and Upper Zambezi River basins (Skelton, 1993).

Synodontis thysi Poll, 1971

Synodontis thysi Poll, 1971: 210, fig. 100; pls. 3 (fig. 16), 10 (fig. 6). Type locality: Mange-Ferry, riv. Little Scarcies ou Kaba (Sierra Leone). Holotype: MRAC 168314.

Distribution: Little Scarcies River, Sierra Leone; known only from type locality (Gosse, 1986b).

Synodontis tourei Daget, 1962

Synodontis tourei Daget, 1962: 113, fig. 38; pl. 11 (figs. 24–25). Type locality: Bafing à Ballay, Guinée. Lectotype: MNHN 1959-0109; designated by Poll (1971: 185).

Distribution: Bafing River, Senegal River basin, Guinea (Gosse, 1986b).

Synodontis unicolor Boulenger, 1915

Synodontis unicolor Boulenger, 1915: 170. Type locality: Lac Moero et rivière Luapula, à Kasenga [restricted to Kasenga by lectotype designation]. Lectotype: MRAC 14223; designated by, and illustrated in, Poll (1971: 359, fig. 166).

Distribution: Luapula-Moero system, Congo River basin (Gosse, 1986b).

Synodontis vanderwaali Skelton & White, 1990

Synodontis vanderwaali Skelton & White, 1990: 284, fig. 5. Type locality: Okavango River, Namibia. Holotype: AMG P5796.6.

Distribution: Cunene, Okavango and upper Zambezi basins (Skelton, 1993).

Synodontis velifer Norman, 1935

Synodontis velifer Norman, 1935a: 219, fig. 3. Type locality: Ejura, Ashanti Forest, Gold Coast. Holotype: BMNH 1934.8.31.146; holotype illustrated in Poll (1971: 164, fig. 74).

Distribution: Sassandra, Bandama and Volta River basins (Gosse, 1986b).

Synodontis vermiculata Daget, 1954

Synodontis vermiculatus Daget, 1954: 292, fig. 109. Type locality: Mopti, riv. Niger (Mali). Neotype: MNHN 1961-1129; designated by Poll (1971: 170).

Distribution: Niger River basin (Gosse, 1986b).

Synodontis victoriae Boulenger, 1906

Synodontis victoriae Boulenger, 1906b: 438. Type locality: Entebbe and Buganga, Lake Victoria [restricted to Buganga by lectotype designation]. Lectotype: BMNH 1906.5.30.190; designated by, and illustrated in, Poll (1971: 120, fig. 50).

Distribution: Victoria Lake basin, Kioga Lake and Victoria Nile, Malagarasi River (Gosse, 1986b).

Synodontis violacea Pellegrin, 1919

Synodontis violaceus Pellegrin, 1919b: 212. Type locality: Gribingui. Lectotype: MNHN 1919-0246, designated by,

and illustrated in, Poll (1971: 149, fig. 66).

Distribution: Chad, Niger and Volta basins (Gosse, 1986b).

***Synodontis voltae* Roman, 1975**

Synodontis voltae Roman, 1975: 45, unnumbered figure. Type locality: dans la Bougouriba, affluent de la Volta Noire. Holotype: MHV V5641.

Distribution: Upper Volta River basin; known only from type locality (Gosse, 1986b).

***Synodontis waterloti* Daget, 1962**

Synodontis waterloti Daget, 1962: 111, fig. 37; pl. 10 (fig. 23). Type locality: Friguiagbé, près Kindia, Guinée. Holotype: MNHN 1935-0223.

Distribution: Waanje and Taja Rivers, Sierra Leone; St. John River basin, Liberia; Cess River basin, Côte d'Ivoire; Pra River basin, Ghana (Gosse, 1986b).

***Synodontis woosnami* Boulenger, 1911**

Synodontis woosnami Boulenger, 1911a: 424, fig. 319. Type locality: Okovango [Botswana]. Holotype: BMNH 1910.5.31.36.

Distribution: Cunene, Okavango and upper Zambezi River basins (Skelton, 1993).

***Synodontis xiphias* Günther, 1864**

Synodontis xiphias Günther, 1864: 215. Type locality: West Africa. Holotype: BMNH 1863.11.9.1 (dry); holotype illustrated in Boulenger (1911a: fig. 339) and Poll (1971: fig. 22).

Synodontis labeo Günther, 1865a: 453. Type locality: West Africa, probably Niger R. Holotype: BMNH 1865.5.9.8 (stuffed); illustrated in Boulenger (1911a: fig. 337).

Distribution: Niger River basin (Gosse, 1986b).

Remarks: *Synodontis labeo* Günther, 1865, is treated by Willoughby (1994: 28) as probably valid.

***Synodontis zambezensis* Peters, 1852**

Synodontis zambezensis Peters, 1852: 682. Type locality: riv. Zambèze, Mozambique. Lectotype: ZMB 3119; designated by, and illustrated in, Poll (1971: 225, fig. 104). Illustrated in Peters (1868c: 31, pl. 5, figs. 2–3).

Synodontis zambesensis Günther, 1864: 214. Type locality: Zambezi. Lectotype: ZMB 3119, designated by, and illustrated in, Poll (1971: 225, fig. 104). Unjustified emendation of *Synodontis zambezensis* Peters, 1852.

Distribution: Pongolo, Lompopo, Pungwe and Zambezi River basins, Rukwa Lake, Luangwe River of Moero basin. (Gosse, 1986b).

***Synodontis zanzibarica* Peters, 1868**

Synodontis zanzibaricus Peters, 1868b: 600. Type locality: Wahrscheinlich von Mombas [Kenya]. Lectotype: ZMB 6846; designated by, and illustrated in, Poll (1971: 229, fig. 106).

Distribution: Mombassa, Kenya (Gosse, 1986b).

Species inquirendae, Synodontis

Synodontis vaillanti Boulenger, 1897b: 424. Type locality: Congo français (Bangui). Holotype: MNHN 1892-0275. Treated by Gosse (1986:148) as doubtfully valid.

Synodontis Hollyi Pellegrin, 1929b: 365. Type locality: Ndjibula ..., Nanga Eboko (Sanaga), Cameroun. Syntypes: MNHN 1929-0047 (1), MNHN 1929-0048 (1), MNHN 1929-0049 (1), MNHN 1929-0050 (1). Type series apparently mixed; with specimens representing both *Synodontis obesus* Boulenger, 1898, and *Synodontis rebeli* Holly, 1926.

Synodontis galinae Kochetov, 1998: 4, 2 figs. Type locality: White Nile. Type(s): Whereabouts unknown.

NEMATOGENYIIDAE Bleeker, 1862

Nematogenyini Bleeker, 1862 (in Bleeker, 1862–63): 16. Type genus: *Nematogenys* Girard, 1855.

Taxonomic summary: de Pinna (2003).

1 genus, 2 species; including 1 named fossil species.

NEMATOGENYS Girard, 1855

Nematogenys Girard, 1855: 198. Type species: *Trichomycterus inermis* Guichenot, 1848. Type by monotypy. Gender: Feminine.

Phylogeny: Arratia & Chang (1975).

† ***Nematogenys cuivi*** Azpelicueta & Rubilar, 1998

† *Nematogenys cuivi* Azpelicueta & Rubilar, 1998: 476, figs. 2, 3. Type locality: Cura-Mallín Formation, Miocene, Northern slope of the Cerro Rucañanco (38°41'S, 71°11'W), about 1,250 m a.s.l., Lonquimay, Chile. Holotype: CPUC Lonq (R)/7 (neurocranium with Weberian complex, branchial and hyoid arches, pectoral girdle and spine, some vertebrae, and ribs).

Distribution: Cura-Mallín Formation, south-central Chile (Azpelicueta & Rubilar, 1998).

Nematogenys inermis (Guichenot, 1848)

Trichomycterus inermis Guichenot, 1848: 312, pl. 9 (fig. 2). Type locality: Chile. No types known.

Nematogenys nigricans Philippi, 1866: 716. Type locality: Chile. No types known.

Nematogenys pallidus Philippi, 1866: 716. Type locality: Chile. No types known.

Distribution: Isolated localities in Concepción, Rancagua and Angol, Chile. Formerly widespread throughout much of Central Chile (de Pinna, 2003).

PANGASIIDAE Bleeker, 1858

Pangasini Bleeker, 1858b: 49, 63. Type genus: *Pangasius* Valenciennes, 1840.

Pangasianodonidi Fowler, 1958: 14. Type genus: *Pangasianodon* Chevey, 1931.

Revision: Roberts & Vidthayanon (1991).

Review: Vidthayanon & Roongthongbaisuree (1993, Thailand).

Identification guide: Jayaram (1977d, South Asia).

Phylogeny: Pouyaud *et al.* (2000); Pouyaud *et al.* (2004).

Remarks: Several phylogenetic studies indicate that the species included in this family may constitute a natural group, but the group is likely nested within the Schilbidae. As such, the Pangasiidae may not deserve continued recognition as a family but is so recognized herein due to current usage. See Fumihito (1989) for morphological comparisons among some species.

5 genera, 30 species; including 1 named fossil genus and 2 fossil species.

† ***CETOPANGASIUS*** Roberts & Jumnonthai, 1999

† *Cetopangasius* Roberts & Jumnonthai, 1999: 177. Type species: †*Cetopangasius chaetobranchus* Roberts & Jumnonthai, 1999. Type by original designation. Gender: Masculine. Also spelled *Cetopagansius* in text. *Cetopangasius* treated here as the valid spelling.

† ***Cetopangasius chaetobranchus*** Roberts & Jumnonthai, 1999

† *Cetopangasius chaetobranchus* Roberts & Jumnonthai, 1999: 177, figs. 16–21. Type locality: Thailand, North-central Phetchabun Province, Ban Nong Pla; Miocene. Holotype: Department of Natural Resources, Thailand (DNR) TF 5013 (entire skeleton).

Distribution: Thailand; Miocene (Roberts & Jumnonthai, 1999).

HELICOPHAGUS Bleeker, 1858

Helicophagus Bleeker, 1858b: 28, 45. Type species: *Helicophagus typus* Bleeker, 1858. Type by original designation. Gender: Masculine.

Helicophagus leptorhynchus Ng & Kottelat, 2000

Helicophagus leptorhynchus Ng & Kottelat, 2000c: 55, figs. 1, 2a. Type locality: Thailand Ubon Ratchathani Province, Mun River at Bung Wai, about 7 km W of Ubon Ratchathani (15°12'30"N, 104°47'30"E). Holotype: USNM 288676.

Distribution: Mekong and Chao Phraya River basins (Kottelat, 2001b).

***Helicophagus typus* Bleeker, 1858**

Helicophagus typus Bleeker, 1858a: 46. Type locality: Palembang, in fluvimine Mussi. Holotype: BMNH 1863.12.4.118; illustrated in Bleeker (1862–63: pl. 79 [= Silur. pl. 31], fig. 2).

Distribution: Sumatra and southeastern Borneo (Roberts & Vidthayanon, 1991; Musikasinthorn *et al.*, 1998).

***Helicophagus waandersii* Bleeker, 1858**

Helicophagus Waandersii Bleeker, 1858b: 175. Type locality: Palembang, in fluviis [Sumatra]. Holotype (340 mm TL): BMNH 1863.12.4.89; illustrated in Bleeker (1862–63: pl. 80 [= Silur. pl. 32]).

Distribution: Mekong and Chao Phraya Rivers, and Sumatra (Roberts & Vidthayanon, 1991).

PANGASIANODON Chevey, 1931

Pangasianodon Chevey, 1931: 538. Type species: *Pangasianodon gigas* Chevey, 1931. Type by monotypy. Gender: Masculine.

Remarks: Treatment of this genus as valid follows Rainboth (1996).

***Pangasianodon gigas* Chevey, 1931**

Pangasianodon gigas Chevey, 1931: 538, figs. 1–2, pl. 1. Type locality: Cambodge. No types known (cast of type in Musée Economique de Phnom-Pehn).

Pangasius paucidens Fang & Chaux, in Chaux & Fang, 1949b: 344, fig. 6. Type locality: Cambodge. Holotype: MNHN 1966-0730.

Distribution: Mekong River basin; stocked in various reservoirs in Thailand (Kottelat, 2001b).

***Pangasianodon hypophthalmus* (Sauvage, 1878)**

Helicophagus hypophthalmus Sauvage, 1878: 235. Type locality: Laos. Lectotype: MNHN a-0745, designated by Kottelat (1984b: 812).

Pangasius sutchi Fowler, 1937: 141, figs. 27–29. Type locality: Bangkok, Siam. Holotype: ANSP 67902.

Distribution: Mekong and Chao Phraya River basin (Kottelat, 2001b); in cultivation elsewhere in Asia, including Viet Nam and Myanmar.

PANGASIUS Valenciennes, 1840

Pangasius Valenciennes, in Cuvier & Valenciennes, 1840b: 45 (34 of Strasbourg deluxe edition). Type species: *Pangasius buchanani* Valenciennes, 1840 (= *Pimelodus pangasius* Hamilton, 1822). Type by monotypy. Gender: Masculine.

Pseudopangasius Bleeker, 1862c: 399. Type species: *Pangasius polyuranodon* Bleeker, 1852. Type by original designation. Gender: Masculine. Also in Bleeker (1862–63: 14, 75).

Neopangasius Popta, 1904: 180. Type species: *Neopangasius nieuwenhuisii* Popta, 1904. Type by monotypy. Gender: Masculine.

Sinopangasius Chang & Wu, 1965: 11, 13. Type species: *Sinopangasius semicultratus* Chang & Wu, 1965. Type by original designation. Gender: Masculine.

***Pangasius bocourti* Sauvage, 1880**

Pangasius (Pseudopangasius) Bocourti Sauvage, 1880b: 229. Type locality: Phnom-Penh [Cambodia]. Holotype: MNHN 0000-9528.

Pangasius altifrons Durand, 1940: 23, pl. 5. Type locality: Tonlé-Sap [Cambodia]. Holotype: at Institut Océanographique Nhatrang.

Distribution: Mekong and Chao Phraya River basins (Roberts & Vidthayanon, 1991; Kottelat, 2001b).

***Pangasius conchophilus* Roberts & Vidthayanon, 1991**

Pangasius conchophilus Roberts & Vidthayanon, 1991: 114, figs. 1b, 2j, 5. Type locality: Thabo, Nongkhai prov. [Thailand]. Holotype: NIFI 2227.

Distribution: Mekong, Bangpakong, and Chao Phraya River basins (Roberts & Vidthayanon, 1991; Kottelat, 2001b).

***Pangasius djambal* Bleeker, 1846**

Pangasius djambal Bleeker, 1846b: 290. Type locality: Batavia, in fluviis. Possible syntypes: BMNH 1863.12.4.81 (1, 400+ mm TL), RMNH 6854 (1), RMNH 31192 (6), RMNH 8069 (1).

Pangasius bedado Roberts, 1999: 110, figs. 1–3. Type locality: Palembang, Sumatra. Holotype: MZB 2598.

Distribution: Java and Borneo (Roberts & Vidthayanon, 1991), Sumatra (Roberts, 1999).

Remarks: Roberts & Vidthayanon (1991:116) designated a neotype (RMNH 6854) for *Pangasius djambal* although several specimens from Bleeker's collections, some of which may be syntypes, were reported on therein. The "neotype" was incorrectly listed as a lectotype by Eschmeyer *et al.* (1998). Synonymy follows Gustiano *et al.* (2004). Register number of syntype of *Pangasius djambal* incorrectly reported as BMNH 1863.12.11.81 in Eschmeyer *et al.* (1998).

Pangasius elongatus Pouyaud, Gustiano & Teugels, 2002

Pangasius elongatus Pouyaud, Gustiano & Teugels, 2002: 248, fig. 5. Type locality: Vietnam: Lower Mekong River Delta. Holotype: MZB 10890.

Distribution: Lower reaches of the Mekong, Chao Phraya, and Bangpakong Rivers (Pouyaud *et al.*, 2002).

Pangasius humeralis Roberts, 1989

Pangasius humeralis Roberts, 1989a: 131, figs. 100, 101c. Type locality: Kapuas basin, fish market at Sintang, Western Borneo (Kalimantan Barat, Indonesia). Holotype: MZB 3680.

Distribution: Kapuas River basin, western Borneo (Roberts, 1989a; Roberts & Vidthayanon, 1991).

† ***Pangasius indicus*** (Marck, 1876)

† *Brachyspondylus indicus* Marck, 1876a: 412, pl. 24 (fig. 2). Type locality: Padang, Sumatra; Tertiary. Holotype: at Royal Geol. Mus. Dresden (imperfect fish). Also in Marck (1876b), priority of publication not established.

† *Pseudeutropius verbeekii* Günther, 1876: 435, pl. 15 (fig. 2). Type locality: Highlands of Padang, Sumatra; Tertiary. Syntypes (2): BMNH 47527 (postcranial fish).

Distribution: Padang, Sumatra; Tertiary.

Remarks: Günther (1876: 436) noted that his specimens were likely conspecific with that of Marck, but considered Marck's name inaccurately reflected the geographic distribution and was, therefore, inappropriate. Woodward (1901: 326) lists † *Brachyspondylus indicus*, as a junior synonym of † *Pseudeutropius verbeekii*, which was followed in the literature. Also see Sanders (1934) for summary of the taxonomic history of these names. Roberts & Jumnonthai (1999) treated this as a species of *Pangasius*, apparently following Sanders (1934: 22). Patterson (1993) expressed skepticism of the reported Eocene age of these fossils.

Pangasius kinabatanganensis Roberts & Vidthayanon, 1991

Pangasius kinabatanganensis Roberts & Vidthayanon, 1991: 123, figs. 2P, 10. Type locality: Kinabatangan River at Deramakot [Borneo, Malaysia]. Holotype: FMNH 68042.

Distribution: Kinabatangan River basin, northeastern Borneo (Roberts & Vidthayanon, 1991).

Pangasius krempfi Fang & Chaux, 1949

Pangasius krempfi Fang & Chaux, in Chaux & Fang, 1949b: 343, fig. 5. Type locality: en mer à Bong-Lao [Vietnam]. Holotype: MNHN 1966-0729.

Sinopangasius semicultratus Chang & Wu, 1965: 11, 13, figs. 1–4. Type locality: Off Panghai, Kwangtung, China. Holotype: ASIZB 56-1174.

Distribution: Mekong and Hue River basins, and along coast of South China Sea of Vietnam and Guandong, China (Kottelat, 2001b).

Pangasius kunyit Pouyaud, Teugels & Legendre, 1999

Pangasius kunyit Pouyaud, Teugels & Legendre, 1999: 251, fig. 2. Type locality: Sangasanga Village, 30 km south-east of the town of Samarinda, delta of Mahakam River, East Kalimantan, Indonesia. Holotype: MZB 10009.

Distribution: Mahakam River delta, Borneo, Indonesia (Pouyaud *et al.*, 1999).

Pangasius larnaudii Bocourt, 1866

Pangasius Larnaudii Bocourt, 1866: 15, pl. 1 (figs. 2, 2a). Type locality: Ajuthia. Syntypes: MNHN 0000-1549 (1), MNHN a-9423 (1).

Pangasius taeniura Fowler, 1935b: 98, fig. 19. Type locality: Bangkok, Siam. Holotype: ANSP 61753.

Pangasius burgini Fowler, 1937: 141, figs. 24–26. Type locality: Bangkok, Siam. Holotype: ANSP 67901.

Distribution: Mekong, Meklong and Chao Phraya River basins (Roberts & Vidthayanon, 1991; Kottelat, 2001b).

Pangasius lithostoma Roberts, 1989

Pangasius lithostoma Roberts, 1989a: 132, fig. 102. Type locality: Market at Sintang, Western Borneo (Kalimantan Barat, Indonesia). Holotype: MZB 3678.

Distribution: Kapuas River basin, western Borneo (Roberts, 1989a; Roberts & Vidthayanon, 1991).

Pangasius macronema Bleeker, 1851

Pangasius macronema Bleeker, 1851a: 11. Type locality: Banjermassing, in fluviis. Holotype (116 mm): possibly NMV 45892 (1), RMNH 6855 (10), BMNH 1863.12.4.66 (1).

Pangasius siamensis Steindachner, 1878c: 393. Type locality: Menam-Fluss bei Bangkok. Syntypes: NMW 45469 (1), NMW 76998 (1).

? *Pangasius aequilabialis* Fowler, 1937: 140, figs. 20–23. Type locality: Bangkok, Siam. Holotype: ANSP 67897.

Distribution: Mekong and Chao Phraya River basins, Java, and Borneo (Kottelat, 2001b).

Remarks: BMNH lists BMNH 1863.12.4.66 (1, 144 mm SL) as a type of *Pangasius macronema* but is too large to be the holotype.

Pangasius mahakamensis Pouyaud, Gustiano & Teugels, 2002

Pangasius mahakamensis Pouyaud, Gustiano & Teugels, 2002: 246, fig. 4. Type locality: Indonesia, East Kalimantan Province, Mahakam River at Samarinda. Holotype: MZB 10886.

Distribution: Asia: Mahakam River of eastern Kalimantan, Indonesia (Pouyaud *et al.*, 2002).

Pangasius mekongensis Gustiano, Teugels & Pouyaud, 2003

Pangasius mekongensis Gustiano, Teugels & Pouyaud, 2003: 370, fig. 7. Type locality: [Lower Mekong River, Vietnam]. Holotype: MZB 10847.

Distribution: Mekong River, Vietnam (Gustiano, Teugels & Pouyaud, 2003).

Pangasius myanmar Roberts & Vidthayanon, 1991

Pangasius myanmar Roberts & Vidthayanon, 1991: 131, fig. 17. Type locality: Rangoon, [Myanmar]. Holotype: SU 33787.

Distribution: Myanmar, known only from types (Roberts & Vidthayanon, 1991).

Pangasius nasutus (Bleeker, 1863)

Pseudopangasius nasutus Bleeker, 1863f: 72. Type locality: Bandjermassin, in fluviis. Holotype (270 mm TL): possibly BMNH 1863.12.4.113 (207 mm SL, ~ 255 mm TL). Also described as new in Bleeker (1863e).

Pangasius ponderosus Myers, in Herre & Myers, 1937: 67, pl. 6. Type locality: Chandra Dam, Perak, Malay Peninsula. Holotype: SU 14162.

Distribution: Sumatra, Borneo and Malay Peninsula (Roberts & Vidthayanon, 1991).

Pangasius nieuwenhuisii (Popta, 1904)

Neopangasius Nieuwenhuisii Popta, 1904: 180. Type locality: le Bo, Bornéo central. Holotype: RMNH 7546; described in more detail, with illustration of holotype, in Popta (1906: 30, pl. 1, figs. 3a, 3b).

Distribution: Mahakam River basin, eastern Borneo (Roberts & Vidthayanon, 1991).

Pangasius pangasius (Hamilton, 1822)

Pimelodus pangasius Hamilton, 1822: 163, 376, pl. 33 (fig. 52). Type locality: Estuaries of Bengal. No types known.

Pachypterus luridus Swainson 1839: 306. No types known. Made available by reference to “Ham. p. 163, f. 62 [sic, 52]” [= Hamilton (1822, 163, pl. 33, fig. 52)]. Unneeded new name for *Pimelodus pangasius* Hamilton, 1822.

Pangasius Buchanani Valenciennes, in Cuvier & Valenciennes, 1840b: 45 (34 of Strasbourg deluxe edition), pl. 425. Type locality: Estuaries of Bengal. No types known. Unneeded new name for *Pimelodus pangasius* Hamilton, 1822, apparently to avoid tautonymy.

Pangasius pangasius godavarii David, 1962: 151, fig. 3g. Type locality: Godavary River, at Rajahmundry [India]. Syntypes: at Central Inland Fisheries Research Institute’s Tank Fisheries Unit, Bangalore, India.

Pangasius pangasius upiensis Srivastava, 1968: 97, fig. 60. Type locality: Bale-ka-Maidan, R. Rohini, Gorakhpur, Uttar Pradesh, India. Holotype: at Zool. Mus. Gorakhpur Univ., India.

Distribution: Rivers and estuaries of Indian subcontinent (Roberts & Vidthayanon, 1991).

Remarks: Redescribed in Hora (1938b).

Pangasius polyuranodon Bleeker, 1852

Pangasius polyuranodon Bleeker, 1852b: 425. Type locality: Bandjermassing, in fluviis. Holotype (160 mm TL): possibly RMNH 6855.

Pangasius juaro Bleeker, 1852d: 589. Type locality: Palembang, in fluviis. Holotype (336 mm TL): possibly BMNH 1863.12.4.79 (1) or RMNH 6855 (1 of larger specimens).

Distribution: Rivers of Sumatra and northern, western and southern Borneo (Pouyaud *et al.*, 2002).

Pangasius rheophilus Pouyaud & Teugels, 2000

Pangasius rheophilus Pouyaud & Teugels, 2000: 194, figs. 1–2. Type locality: Bahau River, tributary of upper Kayan at Longpujungan, Bulungan Regency, Kalimantan Timur, Indonesia. Holotype: MZB 10010.

Distribution: Bahau River, tributary of upper Kayan at Longpujungan, Kalimantan Timur, Indonesia (Pouyaud & Teugels, 2000).

Pangasius sabahensis Gustiano, Teugels & Pouyaud, 2003

Pangasius sabahensis Gustiano, Teugels & Pouyaud, 2003: 372, fig. 8. Type locality: [Kinabatangan River basin, North Borneo, Sabah State, Malaysia]. Holotype: MZB 10847.

Distribution: Kinabatangan River basin, North Borneo, Sabah State, Malaysia (Gustiano *et al.*, 2003).

Pangasius sanitwongsei Smith, 1931

Pangasius sanitwongsei Smith, 1931: 29, figs. 13–14. Type locality: Menam Chao Phya at Koh Yai, Central Siam. Holotype: Siam Department of Fisheries (apparently lost).

Pangasius beani Smith, 1931: 26. Type locality: Klong Ban Poh, off Lopburi, near Ayuthia, Central Siam. Holotype: USNM 90308.

Distribution: Mekong and Chao Phraya River basins (Roberts & Vidthayanon, 1991; Kottelat, 2001b).

Remarks: Roberts & Vidthayanon (1991: 138) acting as first reviser, selected *Pangasius sanitwongsei* as valid.

Species inquirendae, Pangasius

Pangasius delicatissimus Bleeker, 1863 (in Bleeker, 1862–63): 73, footnote. Type locality: Krawang, Java. No types known, based on a drawing.

Pangasius hoeksi Hardenberg, 1948: 412. Type locality: Kapuas River (W. Borneo). Holotype (275 mm): Whereabouts unknown.

PSEUDOLAIS Vaillant, 1902

Pseudolais Vaillant, 1902: 51. Type species: *Pseudolais tetranema* Vaillant, 1902. Type by monotypy. Gender: Masculine.

Pteropangasius Fowler, 1937: 142. Type species: *Pangasius cultratus* Smith, 1931. Type by original designation. Gender: Masculine.

Pseudolais micronemus (Bleeker, 1847)

Pangasius micronemus Bleeker, 1847b: 8. Type locality: Java. Syntypes: Possibly BMNH 1863.12.4.82 (1, 250 mm SL), RMNH 6856 (3). Also in Bleeker (1847: 166).

Pangasius rios Bleeker, 1851d: 205. Type locality: Bandjermassing, in fluviis. Holotype (115 mm TL): possibly BMNH 1863.12.4.92 (~ 104 mm SL).

Pseudolais tetranema Vaillant, 1902: 52, fig. 3. Type locality: Tepoe, bords du Mahakam, Bornéo central. Holotype: Possibly RMNH 7821.

Pangasius de Zwaani Weber & de Beaufort, 1912: 535, pl. 12 (fig. 3). Type locality: Taluk, Sumatra. Holotype: ZMA 113011; illustration of holotype reproduced in Weber & de Beaufort (1913: fig. 103).

Pangasius tubbi Inger & Chin, 1959: 287, fig. 47. Type locality: Confluence of the Deramakot River with the Kinabatangan River, Kinabatangan District, North Borneo. Holotype: FMNH 68047.

Distribution: Mekong and Hue Rivers, Malay Peninsula, Sumatra, Java, and Borneo (Roberts & Vidthayanon, 1991).

Pseudolais pleurotaenia (Sauvage, 1878)

Pangasius pleurotaenia Sauvage, 1878: 235. Type locality: Laos. Lectotype: MNHN 0000-9529 designated by, and illustrated in, Kottelat (1984b: 813, fig. 8a). One of two syntypes illustrated in Sauvage (1881: 169, pl. 8, fig. 6).

Pangasius cultratus Smith, 1931: 25. Type locality: Tapi River near Bandon, peninsular Siam. Holotype: USNM 90306.

Pangasius fowleri Smith, 1931: 28. Type locality: Lopburi River at Lopburi, Central Siam. Holotype: USNM 90309.

Distribution: Mekong, Meklong, Tapi and Chao Phraya River basins (Roberts & Vidthayanon, 1991; Kottelat,

2001b).

PIMELODIDAE

Pimelodini Bonaparte, 1838: 131. Type genus: *Pimelodus* La Cepède, 1803.

Pimelodinae Swainson, 1838: 331, 338. Type genus: *Pimelodus* La Cepède, 1803.

Sorubinae Swainson, 1838: 356. Type genus: *Sorubium* Swainson, 1838.

Hypophthalmi Bleeker, 1862 (in Bleeker, 1862–63): 15. Type genus: *Hypophthalmus* Spix & Agassiz, 1829.

Calophysinae Eigenmann, 1890: 12. Type genus: *Calophysus* Müller & Troschel, 1842.

Luciopimelodinae Driver, 1919: 451. Type genus: *Luciopimelodus* Eigenmann & Eigenmann, 1888.

Pinirampidae Fernández-Yépez, 1965: 12. Type genus: *Pinirampus* Bleeker, 1858.

Brachyplatystomatini Lundberg & Akama, 2005: 496. Type genus: *Brachyplatystoma* Bleeker, 1862.

Remarks: Priority of the publications by Bonaparte and Swainson has not yet been established. Thus, the authorship of the valid family name is not fixed. Callophysidae, based on the unjustified emendation *Callophysus*, has been used on occasion.

Taxonomic summary: Lundberg & Littmann (2003).

Phylogeny: Nass (1991).

Review: Mago-Leccia *et al.* (1986, Venezuela); Castro (1986a, Colombian Amazon and Orinoco basins).

29 genera, 93 species; 4 named fossil species.

AGUARUNICHTHYS Stewart, 1986

Aguarunichthys Stewart, 1986a: 662. Type species: *Aguarunichthys torosus* Stewart, 1986. Type by original designation. Gender: Masculine.

Aguarunichthys inpai Zuanon, Rapp Py-Daniel & Jégu, 1993

Aguarunichthys inpai Zuanon, Rapp Py-Daniel & Jégu, 1993: 258, figs. 2b, 6. Type locality: Brazil: Amazonas State: Solimões River drainage, north of the Marchantaria Island, at about 15 km above confluence with Rio Negro drainage. Holotype: INPA 5398.

Distribution: Middle Amazon River basin, Brazil (Lundberg & Littmann, 2003).

Aguarunichthys tocantinsensis Zuanon, Rapp Py-Daniel & Jégu, 1993

Aguarunichthys tocantinsensis Zuanon, Rapp Py-Daniel & Jégu, 1993: 252, figs. 2a, 4. Type locality: Brazil: Pará State: Tocantins River drainage, rapids above Marabá. Holotype: INPA 5400.

Distribution: Tocantins River basin, Brazil (Lundberg & Littmann, 2003).

Aguarunichthys torosus Stewart, 1986

Aguarunichthys torosus Stewart, 1986a: 663, figs. 7–8. Type locality: Peru, Departamento Amazonas, Río Cenepa, 1.6 km west of Huampami and near Peruvian military camp Chavez Valdivia, about 210 m elev., Approx. 4°28'S, 78°10'W. Holotype: LACM 39651-1.

Distribution: Cenepa River basin, Amazon River drainage, Peru (Lundberg & Littmann, 2003).

BAGROPSIS Lütken, 1874

Bagropsis Lütken, 1874c: 32. Type species: *Bagropsis reinhardti* Lütken, 1874. Type by monotypy. Gender: Feminine.

Bagropsis reinhardti Lütken, 1874

Bagropsis Reinhardti Lütken, 1874a: 32. Type locality: in flumine Rio das Velhas. Syntypes: BMNH 1876.1.10.9 (1), NMW 45905 (1), ZMUC P 29630 (1), ZMUC P 29631 (1), ZMUC P 29632 (1). Species illustrated and described in Lütken (1875: 160 (and p. V of summary), pl. 1, fig. 2).

Distribution: Das Velhas River basin, São Francisco River drainage, Brazil (Lundberg & Littmann, 2003).

BERGIARIA Eigenmann & Norris, 1901

Bergiella Eigenmann & Norris, 1900: 355. Type species: *Pimelodus westermanni* Reinhardt, 1874. Type by original

designation. Gender: Feminine. Preoccupied by *Bergiella* Baker, 1897 (Hymenoptera), replaced by *Bergiaria* Eigenmann & Norris, 1901.

Bergiaria Eigenmann & Norris, 1901: 272. Type species: *Pimelodus westermanni* Reinhardt, 1874. Type by being a replacement name. Gender: Feminine. Replacement for *Bergiella* Eigenmann & Norris, 1900.

Bergiaria platana (Steindachner, 1908)

Bergiella platana Steindachner, 1908d: 111. Type locality: La Plata. Holotype: at NMW.

Distribution: Paraná River basin, Argentina (Lundberg & Littmann, 2003).

Bergiaria westermanni (Reinhardt, 1874)

Pimelodus Westermanni Reinhardt, in Lütken, 1874a: 33. Type locality: in flumine Rio das Velhas. Syntypes: ZMUC P 29638 (1), ZMUC P 29639 (1). Species illustrated and described in more detail in Lütken (1875: 167 (and p. VI of summary), pls. 2 (fig. 4), pl. 3 (fig. 4a–b)).

Distribution: Das Velhas River basin in São Francisco River drainage, Brazil (Lundberg & Littmann, 2003).

BRACHYPLATYSTOMA Bleeker, 1862

Piramutana Bleeker, 1858b: 356. Type species: *Bagrus piramuta* Kner, 1857. Type by monotypy. Gender: Feminine.

Piratinga Bleeker, 1858b: 355. Type species: *Bagrus reticulatus* Kner, 1857. Type by subsequent designation by Bleeker (1862–63): 11. Gender: Feminine.

Brachyplatystoma Bleeker, 1862 (in Bleeker, 1862–63): 10. Type species: *Platystoma vaillanti* Valenciennes, 1840. Type by original designation. Gender: Neuter.

Malacobagrus Bleeker, 1862 (in Bleeker, 1862–63): 11. Type species: *Pimelodes filamentosus* Lichtenstein, 1819. Type by original designation. Gender: Masculine.

Taenionema Eigenmann & Bean, 1907: 662. Type species: *Taenionema steerei* Eigenmann & Bean, 1907. Type by original designation. Gender: Neuter. Preoccupied by *Taenionema* Banks, 1905 (Plecoptera), and by *Taenionema* Bolivar, 1906 (Orthoptera); replaced by *Goslinia* Myers, 1941.

Goslinia Myers, 1941: 88. Type species: *Taenionema steerei* Eigenmann & Bean, 1907. Type by being a replacement name. Gender: Feminine. Replacement for *Taenionema* Eigenmann & Bean, 1907, preoccupied by *Taenionema* Banks, 1905.

Ginesia Fernández-Yépez, 1951: [1]. Type species: *Ginesia cunaguaro* Fernández-Yépez, 1951. Type by original designation. Gender: Feminine.

Merodontotus Britski, 1981: 109. Type species: *Merodontotus tigrinus* Britski, 1981. Type by original designation. Gender: Masculine.

Review: Miranda Ribeiro (1918f, Brazil).

Remarks: Treatment of *Brachyplatystoma* as valid over older names follows Lundberg & Littmann (2003) and Lundberg & Akama (2005). Synonymy of *Merodontodus* and *Goslinia* follows Lundberg & Akama (2005).

Brachyplatystoma capapretum Lundberg & Akama, 2005

Brachyplatystoma capapretum Lundberg & Akama, 2005: 501, fig. 8. Type locality: Brazil, Amazonas State, Rio Tefé sand beach, Lago Mucura, Supiã-Pucu, Tefé, 3°22'S, 64°43'W. Holotype: MZUSP 78481.

Distribution: Amazon River basin of Brazil and Peru (Lundberg & Akama, 2005).

Brachyplatystoma filamentosum (Lichtenstein, 1819)

Pimelodes filamentosus Lichtenstein, 1819: 60. Type locality: Brasilien. Holotype: ZMB 2973.

Platystoma affine Valenciennes, in Cuvier & Valenciennes, 1840b: 24 (18 in the Strasbourg deluxe edition). Type locality: [not stated; apparently from Rio de Janeiro, Brazil]. Holotype: MNHN a-9360 (mounted).

Platystoma gigas Günther, 1872: 450. Type locality: River Huallaga, Upper Amazon [Peru]. Holotype: BMNH 1872.12.3.1 (stuffed).

Piratinga pirá-aíba Goeldi, 1898: 464, 477, pl. (fig. 4). Type locality: [Pará, Brazil]. Holotype: Whereabouts unknown. Name available from caption on plate.

Brachyplatystoma goeldii Eigenmann & Bean, 1907: 661, fig. 1. Type locality: Brazil: Amazon River, between Para and Manaos. Holotype: USNM 52561.

Distribution: Amazon and Orinoco River basins and major rivers of the Guianas and NE Brazil (Lundberg & Litt-

mann, 2003).

Brachyplatystoma juruense (Boulenger, 1898)

Platystoma juruense Boulenger, 1898e: 421, pl. 39. Type locality: Rio Juruá, an affluent of the Amazons, Brazil.

Holotype: BMNH 1897.11.26.11.

Ginesia cunaguaro Fernández-Yépez, 1951: [2], unnumbered figure. Type locality: Río Apure, 3 km east of San Fernando de Apure, Venezuela. Holotype: AFY 51189; current whereabouts unknown.

Distribution: Amazon and Orinoco River basins (Lundberg & Littmann, 2003).

Brachyplatystoma platynemum Boulenger, 1898

Brachyplatystoma platynema Boulenger, 1898b: 477. Type locality: Brazil, Pará. Holotype: BMNH 1898.10.11.20.

Taenionema steerei Eigenmann & Bean, 1907: 662, fig. 2. Type locality: Brazil, Amazon River, between Para and Manaus. Holotype: USNM 52571.

Distribution: Amazon and Orinoco River basins (Lundberg & Littmann, 2003).

† ***Brachyplatystoma promagdalenae*** Lundberg, 2005

† *Brachyplatystoma promagdalenae* Lundberg, 2005: 599, figs. 1a, 2a, 3, 4a, 5a, 6a. Type locality: Miocene Villavieja Formation of the Honda Group in the southern end of the río Magdalena basin near the town of Villavieja, Huila Department, Colombia at approx. 3°5'N, 75°13'W. Holotype: IGM 183062 (partial vertebral column, Weberian complex).

Distribution: La Venta formation, central Colombia; middle Miocene (Lundberg, 2005).

Brachyplatystoma rousseauxii (Castelnau, 1855)

Bagrus rousseauxii Castelnau, 1855: 32, pl. 14 (fig. 1). Type locality: rivière des Amazones. Holotype: MNHN a-9457 (dry).

Bagrus Goliath Kner, 1857: 379. Type locality: Salto Theotonio [Brazil]. Holotype: at NMW.

Brachyplatystoma paraense Steindachner, 1909a: 195. Type locality: Fischmarkt von Pará [Brazil]. Holotype: NMW 47590. Illustrated and described in more detail in Steindachner (1915e: 65, fig. 4, pl. 13, fig. 5).

Distribution: Amazon and Orinoco River basins and other major rivers of South America east of the Andes mountains (Lundberg & Littmann, 2003).

Brachyplatystoma tigrinum (Britski, 1981)

Merodontotus tigrinus Britski, 1981: 110, figs. 1–2. Type locality: Brazil, Cachoeira do Teotônio, rio Madeira, Território de Rondônia. Holotype: MZUSP 14004.

Distribution: Amazon River basin (Lundberg & Littmann, 2003).

Brachyplatystoma vaillantii (Valenciennes, 1840)

? *Silurus Vaillantii* Cuvier, 1816: 204. Type locality: Brazil. Based on “bagre primus” Marcgravius (1648: 173). Originally as *Sil. Nob. Vaillantii*.

Platystoma Vaillantii Valenciennes, in Cuvier & Valenciennes, 1840b: 21 (16 of Strasbourg deluxe edition), pl. 423. Type locality: de Cayenne et de Suriname. Syntypes: MNHN b-0158 (1), MNHN b-0159 (1). Based in part on “bagre primus” Marcgravius (1648: 173).

Bagrus reticulatus Kner, 1857: 376, pl. 1 (fig. 1). Type locality: Salto Theotonio, am Flusse Araguay, Forte do Rio branco und Rio Madeira [Brazil]. Holotype: at NMW.

Bagrus piramuta Kner, 1857: 382. Type locality: Barra do Rio negro und Borba Rio Madeira [Brazil]. Syntypes: at NMW.

Brachyplatystoma parnahybae Steindachner, 1908e: 126. Type locality: Rio Parnahyba. Holotype: at NMW.

Distribution: Amazon and Orinoco River basins and major rivers of the Guianas and NE Brazil (Lundberg & Littmann, 2003).

Remarks: Inclusion of *Silurus Vaillantii* in the synonymy is based on the citation of the same species from Marcgravius (1648) in the text of that species as well as *Platystoma Vaillantii* Valenciennes.

Species inquirenda, Brachyplatystoma

Bagrus punctulatus Castelnau, 1855: 33, pl. 14 (fig. 2). Type locality: de la rivière des Amazones [Brazil]. Holotype: at MNHN, but current whereabouts unknown.

CALOPHYSUS Müller & Troschel, 1842

Calophysus Müller & Troschel, in Müller, 1842b: 310. Type species: *Pimelodes macropterus* Lichtenstein, 1819. Type by subsequent designation by Bleeker (1862–63: 12). Gender: Masculine. Also as new in Müller (1843: 318).

Callophysus Müller & Troschel, 1848: 629. Type species: *Pimelodes macropterus* Lichtenstein, 1819. Type by subsequent designation by Bleeker (1862–63: 12). Gender: Masculine. Unjustified emendation of *Calophysus*, and a spelling that was in wide use.

Pimeletropis Gill, 1859b: 196. Type species: *Pimeletropis lateralis* Gill, 1859. Type by monotypy. Gender: Feminine.

Pseudocallophysus Bleeker, 1862 (in Bleeker, 1862–63): 12. Type species: *Pimelodus ctenodus* Spix & Agassiz, 1829. Type by original designation. Gender: Masculine.

Calophysus macropterus (Lichtenstein, 1819)

Pimelodes macropterus Lichtenstein, 1819: 59. Type locality: Brasilien. Holotype: ZMB 3055.

Pimelodus ctenodus Spix & Agassiz, 1829: 21, pl. 8a. Type locality: aequatorialis fluviis [Brazil]. Holotype: Whereabouts unknown (Kottelat, 1988).

Pimeletropis lateralis Gill, 1859b: 196. Type locality: Amazon River. Holotype: at Lyceum Natural History, NY (whereabouts unknown).

Distribution: Amazon and Orinoco River basins (Lundberg & Littmann, 2003).

CHEIROCERUS Eigenmann, 1917

Cheirocerus Eigenmann, 1917a: 398. Type species: *Cheirocerus eques* Eigenmann, 1917. Type by original designation. Gender: Masculine.

Sovichthys Schultz, 1944c: 190. Type species: *Sovichthys abuelo* Schultz, 1944. Type by original designation. Gender: Masculine.

Revision: Stewart & Pavlik (1985).

Cheirocerus abuelo (Schultz, 1944)

Sovichthys abuelo Schultz, 1944c: 191, pl. 1 (fig. a). Type locality: Venezuela, Río de Los Pájaros, 3 km above Lago Maracaibo, at depth of 15 ft. Holotype: USNM 121183.

Distribution: Lake Maracaibo basin (Lundberg & Littmann, 2003).

Cheirocerus eques Eigenmann, 1917

Cheirocerus eques Eigenmann, 1917a: 398, pl. 39. Type locality: Villa Bella [Bolivia]. Holotype: FMNH 58255.

Distribution: Amazon River basin (Lundberg & Littmann, 2003).

Cheirocerus goeldii (Steindachner, 1908)

Pimelodina goeldii Steindachner, 1908c: 83. Type locality: Rio Purus [Brazil]. Holotype: NMW 45503.

Pimelodus leptus Eigenmann & Pearson, in Eigenmann & Allen, 1942: 104, pl. 4 (fig. 3). Type locality: Río Pachitea [Peru]. Holotype: CAS 47288.

Distribution: Purus River basin (Lundberg & Littmann, 2003).

DUOPALATINUS Eigenmann & Eigenmann, 1888

Duopalatinus Eigenmann & Eigenmann, 1888b: 136. Type species: *Platystoma emarginatum* Valenciennes, 1840. Type by monotypy. Gender: Masculine.

Duopalatinus emarginatus (Valenciennes, 1840)

Platystoma emarginatum Valenciennes, in Cuvier & Valenciennes, 1840b: 25 (19 of Strasbourg deluxe edition). Type locality: rivière de Saint-François. Holotype: MNHN a-9353 (mounted).

Distribution: São Francisco River basin, Brazil (Lundberg & Littmann, 2003).

Duopalatinus peruanus Eigenmann & Allen, 1942

Duopalatinus peruanus Eigenmann & Allen, 1942: 107, pl. 4 (fig. 4). Type locality: Rio Puinagua, mouth of Rio Pacaya [Río Ucayali system, Peru]. Holotype: CAS 63630.

Distribution: Amazon and Orinoco River (Lundberg & Littmann, 2003).

EXALLODONTUS Lundberg, Mago-Leccia & Nass, 1991

Exallodontus Lundberg, Mago-Leccia & Nass, 1991: 843. Type species: *Exallodontus aguanai* Lundberg, Mago-Leccia & Nass, 1991. Type by original designation. Gender: Masculine.

Exallodontus aguanai Lundberg, Mago-Leccia & Nass, 1991

Exallodontus aguanai Lundberg, Mago-Leccia & Nass, 1991: 847, figs. 2–10, 13. Type locality: Venezuela, Territorio Federal Delta Amacuro, Río Orinoco near Los Castillos, 159 n mi from sea buoy at the terminus of the ship navigation channel in Boca Grande, 8°32'N, 62°23'W, 20–30 m. Holotype: MBUCV V-18930.

Distribution: Amazon and Orinoco River basins (Lundberg & Littmann, 2003).

HEMISORUBIM Bleeker, 1862

Hemisorubim Bleeker, 1862 (in Bleeker, 1862–63): 10. Type species: *Platystoma platyrhynchos* Valenciennes, 1840. Type by original designation. Gender: Masculine.

Hemisorubim platyrhynchos (Valenciennes, 1840)

Platystoma platyrhynchos Valenciennes in Cuvier & Valenciennes, 1840b: 27 (20 of Strasbourg deluxe edition). Type locality: [Not stated]. Holotype: MNHN 0000-1203.

Distribution: Amazon, Maroni, Orinoco, and Paraná River basins (Lundberg & Littmann, 2003).

HYPOPHTHALMUS Cuvier, 1829

Hypophthalmus Cuvier, 1829: 293. Type species: *Hypophthalmus edentatus* Spix & Agassiz, 1829. Type by subsequent designation by Bleeker (1862–63: 15). Gender: Masculine.

Hypophthalmus Spix & Agassiz, 1829: 16. Type species: *Hypophthalmus edentatus* Spix & Agassiz, 1829. Type by subsequent designation Bleeker (1862–63: 15). Gender: Masculine.

Notophthalmus Hyrtl, 1859: 17. Type species: *Hypophthalmus marginatus* Valenciennes, 1840. Type by monotypy. Gender: Masculine. Preoccupied by *Notophthalmus Rafinesque*, 1820 (Amphibia); apparently not replaced.

Pseudohypophthalmus Bleeker, 1862 (in Bleeker, 1862–63): 15. Type species: *Hypophthalmus fimbriatus* Kner, 1857. Type by original designation. Gender: Masculine.

Review: Lopez-Fernandez & Winemiller (2000, Venezuela).

Phylogeny: Howes (1983a), Lundberg *et al.* (1991).

Hypophthalmus edentatus Spix & Agassiz, 1829

Hypophthalmus edentatus Spix & Agassiz, 1829: 16, pl. 9. Type locality: influviis Brasiliae equatorialis. Syntypes (2): Possibly MHNN 706 (2); see Kottelat (1988: 24) for discussion.

Hypophthalmus Spixii Valenciennes in Cuvier & Valenciennes, 1840b: 231 (172 of Strasbourg deluxe edition). Type locality: la partie la plus septentrionale du Brésil. Possible syntypes: MHNN 706 (2). Unneeded new name for *Hypophthalmus edentatus* Spix & Agassiz, 1829.

Distribution: Amazon and Orinoco River basins and Atlantic coastal rivers of Guyana and Suriname (Lundberg & Littmann, 2003).

Hypophthalmus fimbriatus Kner, 1857

Hypophthalmus fimbriatus Kner, 1857: 444, pl. 9 (fig. 30). Type locality: Rio negro [Brazil]. Syntype: NMW 50519 (1).

Distribution: Amazon River at Santarém and Negro River basin in Brazil and Venezuela (Lundberg & Littmann, 2003).

Hypophthalmus marginatus Valenciennes, 1840

Hypophthalmus marginatus Valenciennes, in Cuvier & Valenciennes, 1840b: 225 (168 of Strasbourg deluxe edition), pl. 439. Type locality: Cayenne, ... Surinam. Syntypes: MNHN a-8961 (1), MNHN a-8963 (1), RMNH 1932 (1), RMNH 1933 (1).

Distribution: Amazon and Orinoco River basins and major rivers of French Guiana and Suriname (Lundberg & Littmann, 2003).

Hypophthalmus oremaculatus Nani & Fuster, 1947

Hypophthalmus oremaculatus Nani & Fuster, 1947: 3, figs. 2–3. Type locality: Puerto Gaboto, Rio Paraná, curso

inferior [Argentina]. Holotype: MACN 3496.

Distribution: Paraná River basin, Brazil and Argentina (Lundberg & Littmann, 2003).

Species inquirendae, Hypophthalmus

Hypophthalmus longifilis Valenciennes in Cuvier & Valenciennes, 1840b: 230 (171 of Strasbourg deluxe edition). Type locality: Surinam. Syntypes: RMNH 1931 (1), RMNH 2974 (1), RMNH 2988 (1).

Hypophthalmus perporosus Cope, 1878: 673. Type locality: Peru, probably Nauta. Holotype: USNM 132589.

Hypophthalmus devall Röhl, 1942: 383. Type locality: Venezuela, rios Aupre y Orinoco. Type(s): Whereabouts unknown.

IHERINGICHTHYS Eigenmann & Norris, 1900

Iheringichthys Eigenmann & Norris, 1900: 354. Type species: *Pimelodus labrosus* Lütken, 1874. Type by original designation. Gender: Masculine.

Iheringichthys labrosus (Lütken, 1874)

Pimelodus labrosus Lütken, 1874b: 200. Type locality: La Plata. Syntypes: ZMUC P 29633 (1), ZMUC P 29634 (1), ZMUC P 29635 (1), ZMUC P 29636 (1)..

Distribution: Paraná River basin (Lundberg & Littmann, 2003).

Iheringichthys megalops Eigenmann & Ward, 1907

Iheringichthys megalops Eigenmann & Ward, in Eigenmann, McAtee & Ward, 1907: 115, pl. 32 (figs. 3–4). Type locality: Paraguay, Bahia Negra, Río Paraguay. Holotype: CAS 63631.

Distribution: Paraná River basin, Paraguay (Lundberg & Littmann, 2003).

LEIARIUS Bleeker, 1862

Leiarius Bleeker, 1862 (in Bleeker, 1862–63): 10. Type species: *Arius longibarbis* Castelnau, 1855. Type by original designation. Gender: Masculine.

Sciadeoides Eigenmann & Eigenmann, 1888b: 136. Type species: *Sciades marmoratus* Gill, 1870. Type by monotypy. Gender: Masculine. Originally proposed as a subgenus of *Sciades*.

Leiarius marmoratus (Gill, 1870)

Sciades marmoratus Gill, 1870: 95. Type locality: Peru or Ecuador, Amazon system, Río Marañon or Río Napo. Holotype: USNM 8447.

Distribution: Amazon, Essequibo, and Orinoco River basins (Lundberg & Littmann, 2003).

Leiarius pictus (Müller & Troschel, 1849)

Bagrus (*Sciades*) *pictus* Müller & Troschel, 1849: 8, pl. 1 (fig. 1). Type locality: unbekannt. Holotype: ZMB 2991.

Distribution: Amazon and Orinoco River basins (Lundberg & Littmann, 2003).

Species inquirendae, Leiarius

Pimelodus arekaima Jardine, in Schomburgk, 1841: 178, pl. 5. Type locality: Upper Essequibo, Rio Branco. No types known.

Arius longibarbis Castelnau, 1855: 36, pl. 15 (fig. 2). Type locality: rivière des Amazones. Holotype: MNHN 0000-1189. Originally as *Arius* ? *longibarbis*.

Pimelodus multiradiatus Kner, 1857: 414. Type locality: Borba am Rio Madeira und Forte do Rio branco am Rio Facutu [Brazil]. Syntypes: NMW 16515 (1), NMW 16518 (1).

LUCIOPIMELODUS Eigenmann & Eigenmann, 1888

Luciopimelodus Eigenmann & Eigenmann, 1888b: 122. Type species: *Pimelodus pati* Valenciennes, 1835. Type by original designation. Gender: Masculine.

Luciopimelodus pati (Valenciennes, 1835)

Pimelodus Pati Valenciennes, 1835, in Valenciennes, 1835–47: pl. 1 (figs. 7–9). Type locality: Not stated [Corri-

entes, Argentina]. Probable holotype: MNHN a-9419 (1, dry). Name available from plate; mentioned in Valenciennes (1847: 7) from Corrientes. Described in Cuvier & Valenciennes (1840b: 176 (131 of Strasbourg deluxe edition)).

Silurus 11-radiatus Larrañaga, 1923: 386. Type locality: Uruguay. No types known. Corresponds to *Silurus pati* on p. 376.

Distribution: La Plata and Blanco River basins (Lundberg & Littmann, 2003).

MEGALONEMA Eigenmann, 1912

Megalonema Eigenmann, 1912b: 150. Type species: *Megalonema platycephalum* Eigenmann, 1912. Type by original designation. Gender: Neuter.

Megalonema argentina (MacDonagh, 1938)

Perugia argentina MacDonagh, 1938: 157. Type locality: Argentina, rio Paraná, Posadas, Territorio de Misiones. Holotype: MLP 5.V.I.35.

Distribution: Paraná River basin, Argentina (Lundberg & Littmann, 2003).

Megalonema pauciradiatum Eigenmann, 1919

Megalonema pauciradiatum Eigenmann, in Driver, 1919: 455. Type locality: Paraguay, Villa Rica. Holotype: CAS 63672.

Distribution: Paraná River basin, Paraguay (Lundberg & Littmann, 2003).

Megalonema platanum (Günther, 1880)

Pimelodus platanus Günther, 1880a: 10. Type locality: Parana. Holotype: BMNH 1872.6.8.18.

Distribution: Paraná River basin (Lundberg & Littmann, 2003).

Megalonema platycephalum Eigenmann, 1912

Megalonema platycephalum Eigenmann, 1912b: 150, fig. 31, pl. 10 (fig. 2). Type locality: Tumatumari, British Guiana. Holotype: FMNH 53224.

Distribution: Amazon, Essequibo, and Orinoco River basins (Lundberg & Littmann, 2003).

Megalonema psammium Schultz, 1944

Megalonema platycephalum psammium Schultz, 1944c: 216, pl. 2 (fig. b). Type locality: Venezuela, Rio Palmar at the bridge 70 km southwest of Maracaibo. Holotype: USNM 121175.

Distribution: Lake Maracaibo basin, Colombia, Venezuela (Lundberg & Littmann, 2003).

Megalonema xanthum Eigenmann, 1912

Megalonema xanthum Eigenmann, 1912a: 16. Type locality: Girardot [Colombia]. Holotype: FMNH 56032; holotype illustrated in Eigenmann (1922b: 35, pl. 3, fig. 3) as *Perugia xanthus*.

Distribution: Magdalena River basin, Colombia (Lundberg & Littmann, 2003; Maldonado-Ocampo *et al.*, 2005).

PARAPIMELODUS La Monte, 1933

Parapimelodus La Monte, 1933b: 226. Type species: *Pimelodus valenciennis* Lütken, 1874. Type by original designation. Gender: Masculine.

Revision: Lucena *et al.* (1992).

Parapimelodus nigribarbis (Boulenger, 1889)

Pimelodus (Pseudorhamdia) nigribarbis Boulenger, 1889: 266. Type locality: Brazil, Rio Grande do Sul, Camaquã River. Lectotype: BMNH 1889.8.24.6, designated by Lucena *et al.* (1992: 145).

Distribution: Laguna dos Patos basin, Brazil (Lundberg & Littmann, 2003).

Parapimelodus valenciennis (Lütken, 1874)

Pimelodus valenciennis Lütken, 1874b: 200. Type locality: La Plata. Holotype: ZMUC P 29637.

Pimelodus Spegazzinii Perugia, 1891: 632. Type locality: Rio Durazno. Syntypes: MSNG 8026 (2).

Distribution: Paraná River basin (Lundberg & Littmann, 2003).

PERRUNICHTHYS Schultz, 1944

Perrunichthys Schultz, 1944c: 229. Type species: *Perrunichthys perruno* Schultz, 1944. Type by original designation. Gender: Masculine.

Perrunichthys perruno Schultz, 1944

Perrunichthys perruno Schultz, 1944c: 230, pl. 3 (fig. b); fig. 3. Type locality: Venezuela, Río Negro, below the mouth of the Río Yasa, about 75 km. south of Rosario, west side of Lago Maracaibo. Holotype: USNM 121189. Distribution: Lake Maracaibo basin (Lundberg & Littmann, 2003).

PHRACTOCEPHALUS Spix & Agassiz, 1829

Phractocephalus Spix & Agassiz, 1829: 10. Type species: *Phractocephalus bicolor* Spix & Agassiz, 1829. Type by monotypy. Gender: Masculine.

Pirarara Spix & Agassiz, 1829: 23. Type species: *Silurus hemioliopterus* Bloch & Schneider, 1801. Type by monotypy. Gender: Feminine. Appeared first as name in synonymy under *Phractocephalus* and in legend for pl. 6; made available by Bleeker (1862–63: 11) but with authorship to Spix & Agassiz.

Remarks: *Phractocephalus* selected as valid by first reviser action of Agassiz (in Spix & Agassiz, 1831: Conspectus); see Kottelat (1989b: 321) for details.

Phractocephalus hemioliopterus (Bloch & Schneider, 1801)

Silurus hemioliopterus Bloch & Schneider, 1801: 385. Type locality: [in flumine Maranhã Brasiliae].

Pimelodus grunniens Humboldt, in Humboldt & Valenciennes, 1821: 172. Type locality: le Bas-Orénoque. No types known.

Phractocephalus bicolor Spix & Agassiz, 1829: 23, pl. 6. Type locality: in fluvio Amazonum [Brazil]. Whereabouts unknown (Kottelat, 1988). As *Pirarara bicolor* on plate.

Distribution: Amazon and Orinoco River basins (Lundberg & Littmann, 2003).

Remarks: See Boeseman (1983b) for comments on taxonomy and nomenclature.

† ***Phractocephalus nassi*** Lundberg & Aguilera, 2003

† *Phractocephalus nassi* Lundberg & Aguilera, 2003: 101, figs. 3, 5a, 5b, 5e, 5h, 5k, 5l. Type locality: El Mamón oil field, 350 m north of oil well number 1, locality USB 56-FU, 11°15'N, 70°13'W, Urumaco Formation, middle member, Falcón State, northwestern Venezuela. Holotype: MCN.USB OL-2142.

Distribution: Urumaco Formation, Falcón State, Venezuela, upper Miocene (Lundberg & Aguilera, 2003).

Remarks: Described earlier by Lundberg *et al.* (1988) as *Phractocephalus hemioliopterus*.

PIMELODINA Steindachner, 1877

Pimelodina Steindachner, 1877a: 149. Type species: *Pimelodina flavipinnis* Steindachner, 1877. Type by monotypy. Gender: Feminine.

Revision: Stewart (1986a).

Pimelodina flavipinnis Steindachner, 1877

Pimelodina flavipinnis Steindachner, 1877a: 150, pl. 13 (fig. 2) [as *Pimelodus (Pimelodina) flavipinnis*]. Type locality: Amazonenstrom bei Para [Brazil]. Holotype: NMW 45498.

Pimelodina nasus Eigenmann & Eigenmann, 1888b: 120. Type locality: Para [Brazil]. Holotype: MCZ 7490.

Distribution: Amazon and Orinoco River basins (Lundberg & Littmann, 2003).

PIMELODUS La Cepède, 1803

Pimelodus La Cepède, 1803: 93. Type species: *Pimelodus maculatus* La Cepède, 1803. Type by subsequent designation, by Gill (1861b). Gender: Masculine.

Pseudariodes Bleeker, 1862 (in Bleeker, 1862–63): 11. Type species: “*Pseudariodes clarias* = *Silurus clarias* Bl.” [= *Pimelodus Blochii* Valenciennes, 1840, nec. *Silurus clarias* Linnaeus, 1758]. Type by original designation. Gender: Masculine.

Pseudorhamdia Bleeker, 1862 (in Bleeker, 1862–63): 11. Type species: *Pimelodus maculatus* La Cepède, 1803. Type by original designation. Gender: Feminine.

Pimelodus absconditus Azpelicueta, 1995

Pimelodus absconditus Azpelicueta, 1995: 72, figs. 1–2. Type locality: Argentina, Misiones, San Javier, Uruguay River. Holotype: MLP 8781.

Distribution: Paraná River basin (Lundberg & Littmann, 2003).

Pimelodus albicans (Valenciennes, 1840)

Arius albidus Valenciennes, 1835, in Valenciennes, 1835–47: pl. 3, fig. 2. Type locality: Not stated. Holotype: MNHN a-9400. Name made available by caption on plate.

Arius albicans Valenciennes, in Cuvier & Valenciennes, 1840b: 80 (60 of Strasbourg deluxe edition). Type locality: Buéno-Ayres. Syntype: MNHN a-9400 (dry). Unneeded new name or *lapsus calami* for *Arius albidus* Valenciennes.

Silurus muticus Larrañaga, 1923: 386. Type locality: Uruguay. No types known.

Distribution: Paraná River basin, Argentina (Lundberg & Littmann, 2003).

Remarks: Treatment of *Pimelodus albicans* as valid follows Lundberg & Littmann (2003), in which *Arius albidus* Valenciennes, 1835, was treated as a *nomen oblitum*.

Pimelodus albofasciatus Mees, 1974

Pimelodus albofasciatus Mees, 1974: 137, pl. 4. Type locality: Suriname, Sipaliwini. Holotype: RMNH 26156.

Distribution: Amazon, Orinoco, upper Corantijn and Sipaliwini River basins (Lundberg & Littmann, 2003).

Pimelodus altissimus Eigenmann & Pearson, 1942

Pimelodus altissimus Eigenmann & Pearson, in Eigenmann & Allen, 1942: 106, pl. 5 (fig. 5). Type locality: Rio Ucayali, near Orellana [Peru]. Holotype: CAS 55369.

Distribution: Amazon River basin (Lundberg & Littmann, 2003).

Pimelodus atrobrunneus Vidal & Lucena, 1999

Pimelodus atrobrunneus Vidal & Lucena, 1999: 123, figs. 1–3. Type locality: Brasil: rio Ligeiro na estrada entre Marcelino Ramos e Maximiliano de Almeida, Marcelino Ramos, 27°38'S–51°52'O, Rio Grande do Sul. Holotype: MCP 19678.

Distribution: Upper Uruguay River basin, Brazil (Lundberg & Littmann, 2003).

Pimelodus blochii Valenciennes, 1840

Pimelodus Blochii Valenciennes, in Cuvier & Valenciennes, 1840b: 188 (139 of Strasbourg deluxe edition). Type locality: Surinam. Syntypes: MNHN b-0072 (1), ZMB 2995 (1). Based in part on *Silurus clarias* of Bloch (1782: pl. 35, figs. 1–2), not *Silurus clarias* Linnaeus, 1758.

Pseudorhamdia macronema Bleeker, 1864a: 79, pl. 13 (fig. 7), pl. 14. Type locality: Surinama. Lectotype: RMNH 3069, designated by Boeseman (1972: 317).

Pseudorhamdia piscatrix Cope, 1870b: 569. Type locality: Pebas [Peru]. Syntypes: ANSP 8386–87 (2).

Distribution: Gulf of Paria, Amazon, Corantijn, Essequibo and Orinoco River basins (Lundberg & Littmann, 2003); Magdalena River basin (Maldonado-Ocampo *et al.*, 2005).

Remarks: Eschmeyer *et al.* (1998) and Lundberg & Littmann (2003) list MNHN b-0072 as lectotype of *Pimelodus blochii*, without citing a published source of the lectotype designation and, instead, apparently relying on a notation in the MNHN catalog to that effect. No published designation has been found, so the two specimens are tentatively retained as syntypes here.

Pimelodus brevis Marini, Nichols & La Monte, 1933

Pimelodus brevis Marini, Nichols & La Monte, 1933: 1, fig. 1. Type locality: Argentina, Rio de la Plata, San Fernando. Holotype: AMNH 12240 (missing).

Distribution: Paraná River basin; Durazno River, Argentina (Lundberg & Littmann, 2003).

Pimelodus coprophagus Schultz, 1944

Pimelodus clarias coprophagus Schultz, 1944c: 203, fig. 2. Type locality: Venezuela, Río Agua Caliente, 2 to 3 km above the southwestern corner of Lago Maracaibo. Holotype: USNM 121150.

Distribution: Lake Maracaibo basin (Lundberg & Littmann, 2003).

Pimelodus fur (Reinhardt, 1874)

Pseudorhamdia fur Reinhardt, in Lütken, 1874c: 33. Type locality: in flumine Rio das Velhas. Syntypes: NMW 44443 (3), NMW 44763 (2), SMNS 2026 (1), ZMB 9181 (2), ZMUC P 29643–ZMUC P 29651 (1 each). Illustrated and described in more detail in Lütken (1875: 169 (and p. VI of summary), pl. 2, fig. 3; pl. 3, fig. 3a).

Distribution: Das Velhas River basin, São Francisco River drainage, Brazil (Lundberg & Littmann, 2003).

Pimelodus garciabarrigai Dahl, 1961

Pimelodus garcia-barrigai Dahl, 1961: 494. Type locality: Colombia, Deep pool in Caño Lozada, about 11 km

above its junction with the Guayabero River. Holotype: ICNMHN 744 (Cala, 1981).

Distribution: Guayabero River basin, Orinoco River drainage, Colombia (Lundberg & Littmann, 2003).

Pimelodus grosskopfii Steindachner, 1879

Pimelodus (Pimelodus) Grosskopfii Steindachner, 1879c: 194. Type locality: Río Cauca [Colombia]. Syntypes: NMW 45781 (4), NMW 45782 (1). Also described as new in Steindachner (1879g: 186); described in more detail and illustrated in Steindachner (1880b: 57, pl. 1 figs. 1, 1a).

Pimelodus longifilis Posada, 1909: 294. Type locality: aus dem Cauca [Colombia]. No types known.

Distribution: Magdalena River basin and Lake Maracaibo basins (Lundberg & Littmann, 2003).

Pimelodus heraldoi Azpelicueta, 2001

Pimelodus heraldoi Azpelicueta 2001: 194, figs. 1–2 Type locality: Brazil, Estado de São Paulo: Município de Pirassununga, rio Mogi Guaçu in Emas. Holotype: MZUSP 22713.

Distribution: Upper Paraná River basin, Brazil (Lundberg & Littmann, 2003).

Pimelodus jivaro Eigenmann & Pearson, 1942

Pimelodus jivaro Eigenmann & Pearson, in Eigenmann & Allen, 1942: 105, pl. 4 (fig. 2). Type locality: Rio Morona [Peru]. Syntypes (5; 85–105 mm): CAS 55891 (3).

Distribution: Upper Amazon River basin, Ecuador, Peru (Lundberg & Littmann, 2003).

Pimelodus maculatus La Cepède, 1803

Pimelodus maculatus La Cepède, 1803: 94. Type locality: Le grand fleuve de la Plata, ... Buénos-Ayres, ainsi qu'à la Encenada. No types known.

Distribution: Paraná and São Francisco River basins (Lundberg & Littmann, 2003).

Pimelodus microstoma Steindachner, 1877

Pimelodus microstoma Steindachner, 1877b: 604, footnote. Type locality: Brazil, von Irisanga, Rio branco und Barra do Rio negro. Syntypes: NMW 45823 (1), NMW 45824 (2).

Distribution: Amazon River basin, Brazil (Lundberg & Littmann, 2003).

Pimelodus mysteriosus Azpelicueta, 1998

Pimelodus mysteriosus Azpelicueta, 1988: 88, figs. 1–3, 5–6, 8, 10, 12, 14. Type locality: Argentina, Misiones, Candelaria, arroyo Anselmo. Holotype: MLP 9191.

Distribution: Paraná River basin (Lundberg & Littmann, 2003).

Pimelodus navarroi Schultz, 1944

Pimelodus grosskopfii navarroi Schultz, 1944c: 207, pl. 1 (fig. c). Type locality: Venezuela, Río Palmar at the bridge 70 km southwest of Maracaibo. Holotype: USNM 121174.

Distribution: Lake Maracaibo basin (Lundberg & Littmann, 2003).

Pimelodus ornatus Kner, 1857

Pimelodus ornatus Kner, 1857: 411, pl. 6 (fig. 18). Type locality: Surinam, dem Rio negro und Cujaba [Brazil]. Syntypes: NMW 45832 (2), NMW 45843 (1).

Megalonema rhabdostigma Fowler, 1914: 256, fig. 10. Type locality: Rupununi River, British Guiana ... in the highlands of British Guiana, approximately secured in North Latitude 2° to 3°, and West Longitude 50°20'. Holotype: ANSP 39338.

Distribution: Amazon, Corantijn, Essequibo, Orinoco and Paraná River basins and major rivers of the Guianas (Lundberg & Littmann, 2003).

Pimelodus ortmanni Haseman, 1911

Pimelodus ortmanni Haseman, 1911b: 379, pl. 50 (fig. 2). Type locality: Brazil, Porto União da Victoria, Rio Iguassú. Holotype: FMNH 54240.

Distribution: Paraná River basin, Brazil (Lundberg & Littmann, 2003).

Pimelodus paranaensis Britski & Langeani, 1988

Pimelodus paranaensis Britski & Langeani, 1988: 410, figs. 1–2. Type locality: Ilha Solteira, Rio Paraná, SP [Brazil]. Holotype: MZUSP 23089.

Distribution: Upper Paraná River basin, Brazil (Lundberg & Littmann, 2003).

Pimelodus pictus Steindachner, 1877

Pimelodus pictus Steindachner, 1877a: 144. Type locality: aus dem Amazonenstrom auf peruanischen Gebiete, und

aus dem Hyavary. Syntypes: NMW 45859 (3).

Distribution: Amazon and Orinoco River basins (Lundberg & Littmann, 2003).

Pimelodus platicirris Borodin, 1927

Pimelodus platicirris Borodin, 1927c: 2. Type locality: Salto de Pirassunungo, Rio Mogy Guassu, São Paulo Prov., Brazil. Holotype: AMNH 8628.

Distribution: Paraná River basin, Brazil; known only from the holotype (Lundberg & Littmann, 2003).

Pimelodus punctatus (Meek & Hildebrand, 1913)

Megalonema punctatum Meek & Hildebrand, 1913: 77. Type locality: Río Tuyra, Boca de Cupe, Panama. Holotype: FMNH 7577.

Megalonema robustum Meek & Hildebrand, 1913: 78. Type locality: Río Tuyra, Marriganti, Panama. Holotype: FMNH 7578.

Distribution: Tuirá River basin, Panama (Lundberg & Littmann, 2003).

Species inquirendae, Pimelodus

Pimelodus rigidus Spix & Agassiz, 1829: 19, pl. 7 (fig. 2). Type locality: Brazil aequatoriali. Holotype: Whereabouts unknown (Kottelat, 1988).

Pseudariodes pantherinus Lütken, 1874b: 192. Type locality: Caracas. Syntypes: BMNH 1876.1.10.10 (1), NMW 45851 (1), USNM 44970 (1), ZMUC P 29640 (1), ZMUC P 29641 (1), ZMUC P 29642 (1).

Piramutana macrospila Günther, 1880a: 10, pl. 2. Type locality: Rio de la Plata. Holotype: BMNH 1878.9.10.14.

PINIRAMPUS Bleeker, 1858

Pinirampus Bleeker, 1858b: 198. Type species: *Pimelodus pinirampus* Agassiz [= *Pimelodus pirinampu* Spix & Agassiz, 1829]. Type by monotypy. Gender: Masculine.

Pirinampus Günther, 1864: 135. Type species: *Pimelodus pirinampu* Spix & Agassiz, 1829. Type by being a replacement name. Gender: Masculine. Unjustified emendation of *Pinirampus* Bleeker, 1858.

Perugia Eigenmann & Norris, 1900: 355. Type species: *Pirinampus* [sic] *agassizii* Steindachner, 1876. Type by original designation. Gender: Feminine.

Pinirampus pirinampu (Spix & Agassiz, 1829)

Pimelodus barbancho Humboldt, in Humboldt & Valenciennes, 1821: 172. Type locality: Guarico, l'Apure et d'autres rivières des steppes de Venezuela. Holotype: at MNHN.

Pimelodus pirinampu Spix & Agassiz, 1829: 20, pl. 8. Type locality: Brasiliae fluviis. Type(s): Whereabouts unknown (Kottelat, 1988).

Pimelodus insignis Jardine, in Schomburgk, 1841: 180, pl. 6. Type locality: Rio Branco [Brazil]. No types known.

Galeichthys araguayensis Castelnau, 1855: 37, pl. 17 (fig. 3). Type locality: Rio Araguay [Brazil]. Holotype: MNHN a-9366 (mounted).

Pinirampus typus Bleeker, 1862 (in Bleeker, 1862–63): 11. Type locality: Brasiliae fluviis. Type(s): Whereabouts unknown. Unneeded replacement for *Pimelodus pinirampus* Spix & Agassiz, 1829, apparently to avoid Stricklandian tautonymy.

Pirinampus Agassizii Steindachner, 1876: 607, pl. 12. Type locality: Pará [Brazil]. Holotype: NMW 45955.

Distribution: Amazon, Essequibo, Orinoco, and Paraná River basins (Lundberg & Littmann, 2003).

Remarks: *Pimelodus barbancho* treated here as a *nomen oblitum*, following Lundberg & Littmann (2003).

PLATYNEMATICHTHYS Bleeker, 1858

Platynematichthys Bleeker, 1858b: 356. Type species: *Bagrus punctulatus* Kner, 1857. Type by monotypy. Gender: Masculine.

Platypogon Starks, 1913: 28. Type species: *Platypogon caerulorostris* Starks, 1913. Type by monotypy. Gender: Masculine.

Platynematichthys notatus (Jardine, 1841)

Pimelodus notatus Jardine, in Schomburgk, 1841: 181, pl. 7. Type locality: Fort St. Joaquim on the Rio Branco [Bra-

zil]. No types known.

Bagrus punctulatus Kner, 1857: 380. Type locality: Forte do Principe am Rio Guaporé und Rio branco [Brazil]. Holotype: at NMW. Preoccupied by *Bagrus punctulatus* Castelnau, 1855; replaced by *Bagrus nigropunctatus* Kner, 1858.

Bagrus nigropunctatus Kner, 1858: 345. Type locality: Forte do Principe am Rio Guapore und Rio branco [Brazil]. Holotype: at NMW. Replacement for *Bagrus punctulatus* Kner, 1857; preoccupied by *Bagrus punctulatus* Castelnau, 1855.

Platypogon caerulorostris Starks, 1913: 29, pl. 5. Type locality: Brazil, Pará. Holotype: SU 22228.
Distribution: Amazon and Orinoco River basins (Lundberg & Littmann, 2003).

PLATYSILURUS Haseman, 1911

Platysilurus Haseman, 1911a: 320. Type species: *Platysilurus barbatus* Haseman, 1911. Type by monotypy. Gender: Masculine.

Platysilurus malarmo Schultz, 1944

Platysilurus malarmo Schultz, 1944c: 234, fig. 3g, pl. 3 (fig. c). Type locality: Venezuela, Lago Maracaibo near the mouth of the Río Concho. Holotype: USNM 121179.
Distribution: Lake Maracaibo basin (Lundberg & Littmann, 2003).

Platysilurus mucosus (Vaillant, 1880)

Platystoma mucosa Vaillant, 1880b: 151. Type locality: à Caldéron (Haute-Amazone). Holotype: MNHN a-1955.
Duoplatinus goeldii Steindachner, 1908b: 65. Type locality: Rio Purus [Brazil]. Holotype: at NMW.
Platysilurus barbatus Haseman, 1911: 320, pl. 52. Type locality: São Antonio de R. Madeira [Brazil]. Holotype: FMNH 60306.
Distribution: Amazon and Orinoco River basins (Lundberg & Littmann, 2003).

Platysilurus olallae (Orcés, 1977)

Duoplatinus olallae Orcés, 1977: 78, fig. 4. Type locality: el bajo Bobonaza [Ecuador]. Holotype: at MEPN (132 mm, catalog number not stated).
Distribution: Ecuador.
Remarks: Not treated in Lundberg & Littmann (2003).

PLATYSTOMATICHTHYS Bleeker, 1862

Platystomatichtys Bleeker, 1862 (in Bleeker, 1862–63): 10. Type species: *Platystoma sturio* Kner, 1857. Type by original designation. Gender: Masculine.

Platystomatichtys sturio (Kner, 1857)

Platystoma sturio Kner, 1857: 395, pl. 3 (figs. 9–9a). Type locality: Rio branco [Brazil]. Holotype: at NMW.
Distribution: Amazon River basin (Lundberg & Littmann, 2003).

PROPIMELODUS Lundberg & Parisi, 2002

Propimelodus Lundberg & Parisi, 2002: 77. Type species: *Pimelodus eigenmanni* van der Stigchel, 1946. Type by original designation.

Propimelodus eigenmanni (van der Stigchel, 1946)

Pimelodus eigenmanni van der Stigchel, 1946: 64. Type locality: Brazil. Holotype: RMNH 15465. Preoccupied by *Pimelodus eigenmanni* Boulenger, 1891 [now *Pimelodella eigenmanni*, in the Heptapteridae]; apparently not replaced.
Distribution: Amazon, Approuague, Kourou, and Oyapock River basins (Lundberg & Littmann, 2003).
Remarks: *Pimelodus eigenmanni* is tentatively treated as valid, despite being a junior primary homonym, following Art. 23.9.5 of the Code of Zoological Nomenclature. Redescribed in Lundberg & Parisi (2002).

PSEUDOPLATYSTOMA Bleeker, 1862

Pseudoplatystoma Bleeker, 1862 (in Bleeker, 1862–63): 10. Type species: *Silurus fasciatus* Linnaeus, 1766. Type by original designation. Gender: Neuter.

Hemiplatystoma Bleeker, 1862 (in Bleeker, 1862–63): 10. Type species: *Platystoma tigrinum* Valenciennes, 1840.

Type by original designation. Gender: Neuter.

Remarks: Eigenmann & Eigenmann (1888b) serve as first revisers in giving precedence to *Pseudoplatystoma* over *Hemiplatystoma*.

Pseudoplatystoma corruscans (Spix & Agassiz, 1829)

Platystoma corruscans Spix & Agassiz, 1829: 26 [pl. 13]. Type locality: in flumine S. Francisci [Brazil]. Holotype: Whereabouts unknown (Kottelat, 1988). As *Sorubim caparary* on plate.

Sorubim caparary Spix in Spix & Agassiz, 1829: pl. 13. Type locality: in flumine S. Francisci [Brazil]. Holotype: Whereabouts unknown (Kottelat, 1988). Name available from caption on plate.

Platystoma coruscans Valenciennes, in Cuvier & Valenciennes, 1840b: 17 (13 in the Strasbourg deluxe edition). Misspelling or emendation of *Platystoma corruscans* Spix & Agassiz.

Silurus macrocephalus Larrañaga, 1923: 386. Type locality: Uruguay. No types known. Appears to correspond to *Silurus mangrullo* on p. 377, which is a *nomen nudum*.

Distribution: São Francisco and Paraná River basins (Lundberg & Littmann, 2003)

Remarks: Agassiz (in Spix & Agassiz, 1831: conspectus) serves as first reviser in giving precedence to *Platystoma corruscans* over *Sorubim caparary*.

Pseudoplatystoma fasciatum (Linnaeus, 1766)

Silurus fasciatus Linnaeus, 1766: 505. Type locality: Brasilia, Surinami. Holotype: Whereabouts unknown.

Platystoma artedii Günther, 1864: 106. Type locality: South America. Syntypes: On *Mystus* no. 6 in Seba (1734–65: 84, pl. 29, fig. 6) and *Mystus* no. 386 of Gronovius (1784: pl. 125).

Pseudoplatystoma fasciatum intermedium Eigenmann & Eigenmann, 1888b: 138. Type locality: Obidos. Holotype: MCZ 7321.

Pseudoplatystoma fasciatum brevefile Eigenmann & Eigenmann, 1889b: 31. Type locality: Goyaz [Brazil]. Holotype: MCZ 7317.

Pseudoplatystoma fasciatum reticulatum Eigenmann & Eigenmann, 1889b: 30. Type locality: Rio Negro [Brazil]. Holotype: MCZ 23813.

Pseudoplatystoma fasciatum nigricans Eigenmann & Eigenmann, 1889b: 31. Type locality: Xingu. Syntypes (2): MCZ 7301 (1), MCZ 7311 (1).

Distribution: Amazon, Corantijn, Essequibo, Orinoco, and Paraná River basins (Lundberg & Littmann, 2003); Magdalena River basin (Maldonado-Ocampo *et al.*, 2005).

Pseudoplatystoma tigrinum (Valenciennes, 1840)

Platystoma truncatum Spix & Agassiz, 1829: 27, pl. 13a. Type locality: Brazil, Japurá and Solimoen. Type (s): Whereabouts unknown (Kottelat, 1988).

Platystoma tigrinum Valenciennes, in Cuvier & Valenciennes, 1840b: 10 (8 of Strasbourg deluxe edition), pl. 422. Type locality: probablement originaire du Brésil. Holotype: MNHN a-9354 (mounted).

Distribution: Amazon and Orinoco River basins (Lundberg & Littmann, 2003).

Remarks: Synonymy follows Lundberg & Littmann (2003) which differs from most previous accounts, in which *Platystoma truncatum* was treated as a synonym of *Pseudoplatystoma fasciatum*. Because of this, *Platystoma truncatum* became the senior synonym for a widely used *Pseudoplatystoma tigrinum*. *P. truncatum* was treated as a *nomen oblitum* in Lundberg & Littmann (2003), but without supporting documentation. Use of *P. truncatum* as a valid name has not been found in surveyed compilations of late 19th or 20th century and, therefore, the use of *P. tigrinum* as valid is continued here.

Species inquirendae, Pseudoplatystoma

Platystoma pardalis Valenciennes, 1836, in Valenciennes, 1835–47: pl. 4 (fig. 2). Type locality: Buenos Aires, Argentina. Holotype: MNHN a-8833. Name available from plate, mentioned in Valenciennes (1847: 6), as *Platystoma panthale*. Described in Cuvier & Valenciennes (1840b: 15 (12 of Strasbourg deluxe edition)), as *Platystoma pardale*.

Platystoma orbignianus Valenciennes, 1836, in Valenciennes, 1835–47: pl. 4 (fig. 3). Type locality: Brazil. Holotype: MNHN b-0160. Name available from plate, description in Valenciennes (1847: 6), as *Platystoma orbignyanum*.

Description in Cuvier & Valenciennes (1840b: 12, [9 of Strasbourg deluxe edition]).

Platystoma panthale Valenciennes, 1847: 6. Type locality: [Not stated]. Holotype: MNHN a-8833. New name proposed for *Platystoma pardalis* Valenciennes, 1836, without explanation.

Platystoma punctifer Castelnau, 1855: 40, pl. 19 (fig. 2). Type locality: de l' Amazone. Holotype: MNHN 0000-1582.

SORUBIM Cuvier, 1829

Sorubim Cuvier, 1829: 293. Type species: *Silurus lima* Bloch & Schneider, 1801. Type by subsequent designation, apparently by Kottelat (1988). Gender: Masculine.

Platystoma Spix & Agassiz, 1829: 23. Type species: *Silurus lima* Bloch & Schneider, 1801. Type by subsequent designation by Jordan (1917: 131). Gender: Neuter. Preoccupied by *Platystoma* Meigen, 1803 (Diptera).

Sorubim Spix & Agassiz, 1829: 24. Type species: *Silurus lima* Bloch & Schneider, 1801. Type by subsequent designation by Bleeker (1862–63: 10). Gender: Masculine. First appeared in synonymy of *Platystoma* Spix & Agassiz and therefore not available, but made available because of use as a valid name by Bleeker (1862–63: 10) [ICZN art. 11.6.1]. Preoccupied by *Sorubim* Cuvier, 1829.

Sorubium Swainson, 1838: 356. Type species: *Silurus lima* Bloch & Schneider, 1801. Type by being a replacement name. Unneeded replacement for *Sorubim* Spix & Agassiz, 1829.

Abron Gistel, 1848: X. Type species: *Silurus lima* Bloch & Schneider, 1801. Type by being a replacement name. Gender: Neuter. Replacement for *Platystoma* Valenciennes [= Spix & Agassiz, 1829].

Remarks: *Sorubim* was apparently adopted by Cuvier (1829) from the Spix & Agassiz (1829) manuscript, but the name was published first in the former book.

Revision: Littmann (1998).

Sorubim cuspicaudus Littmann, Burr & Nass, 2000

Sorubim cuspicaudus Littmann, Burr & Nass, 2000: 903, fig. 2b, 3, 4c. Type locality: Colombia, Departamento de Tolima, Río Magdalena drainage, at Puerto Soplaviento. Holotype: FMNH 56223.

Distribution: Magdalena and Sinu River basins, Colombia, and Lake Maracaibo (Lundberg & Littmann, 2003).

Sorubim elongatus Littmann, Burr, Schmidt & Isern, 2001

Sorubim elongatus Littmann, Burr, Schmidt & Isern, 2001: 4, fig. 2. Type locality: Peru: Departamento Loreto, Maynas Province, Ullpa Caño, 50 m upstream of confluence with Moena Caño, Río Itaya drainage, Río Amazonas basin (approx. 3°46'20"S 73°14'17"W). Holotype: SIUC 30303.

Distribution: Amazon, Essequibo, and Orinoco River basins (Lundberg & Littmann, 2003).

Sorubim lima (Bloch & Schneider, 1801)

Silurus lima Bloch & Schneider, 1801: 384. Type locality: in flumine Maranham Brasiliae. Holotype: ZMB 3185 (stuffed).

Sorubim infraoculare Spix, in Spix & Agassiz, 1829: pl. 15. Type locality: Brasiliae aequatorialis fluviis. Holotype: Whereabouts unknown (Kottelat, 1988). Name available from caption on plate.

Platystoma Luceri Weyenbergh, 1877: 10, pl. 3 (figs. 1–3). Type locality: Santa-Fe [Argentina]. Holotype: Whereabouts unknown.

Sorubim latirostris Miranda Ribeiro, 1920: 14, pl. 12. Type locality: Amazonas [Brazil]. Holotype: MNRJ 631.

Distribution: Amazon, Orinoco, Paraná and Parnaíba River basin (Lundberg & Littmann, 2003).

Sorubim maniradii Littmann, Burr & Buitrago-Suárez, 2001

Sorubim maniradii Littmann, Burr & Buitrago-Suárez, 2001: 88, fig. 1. Type locality: Ecuador, Napo State, Río Yasuni, Río Napo drainage, 0°59'06"S 75°25'36"W. Holotype: FMNH 108814.

Distribution: Amazon River basin (Lundberg & Littmann, 2003).

Sorubim trigonocephalus Miranda Ribeiro, 1920

Sorubim trigonocephalus Miranda Ribeiro, 1920: 12, pls. 10, 11. Type locality: Porto Velho [Brazil]. Holotype: MNRJ 882.

Distribution: Madeira and Tapajós River basins, Brazil (Lundberg & Littmann, 2003).

SORUBIMICHTHYS Bleeker, 1862

Sorubimichthys Bleeker, 1862, in Bleeker, 1862–63: 10. Type species: *Sorubim jandia* Spix & Agassiz, 1829. Type

by original designation. Gender: Masculine.

Pteroglanis Eigenmann & Pearson, in Pearson, 1924: 9. Type species: *Pteroglanis manni* Eigenmann & Pearson, 1924. Type by monotypy. Gender: Masculine.

Sorubimichthys planiceps (Spix & Agassiz, 1829)

Platystoma planiceps Spix & Agassiz, 1829: 25, pl. 12. Type locality: Brazil: in fluminae Amazonum, Solimoëns, Rio Negro. Possible syntype or lectotype: MHNN 811(Kottelat, 1988).

Sorubim Pirauáca Spix, in Spix & Agassiz, 1829: pl. 12. Type locality: Brazil: in fluminae Amazonum, Solimoëns, Rio Negro. Possible holotype: MHNN 811(Kottelat, 1988). Name available from caption on plate; as *Platystoma planiceps* in text.

Sorubim jandia Spix & Agassiz, 1829: pl. 14. Type locality: equatorialis fluviis [Brazil]. Holotype: Whereabouts unknown (Kottelat, 1988). Name available from caption on plate; as *Platystoma spatula* in text.

Platystoma spatula Spix & Agassiz, 1829: 26, pl. 14. Type locality: equatorialis fluviis [Brazil]. Types: Whereabouts unknown (Kottelat, 1988).

Sorubimichthys ortoni Gill, 1870: 94. Type locality: Marañon, or Upper Amazon, and Napo Rivers. Holotype: USNM 8238.

Pteroglanis manni Eigenmann & Pearson, in Pearson, 1924: 9, pl. 1 (fig. 1). Type locality: Bolivia, Little Rio Negro, tributary to Rio Beni. Holotype: CAS 59623.

Distribution: Amazon and Orinoco River basins (Lundberg & Littmann, 2003).

Remarks: Lundberg *et al.* (1989) reviewed the nomenclature of this species. Agassiz (in Spix & Agassiz, 1831: conspectus) serves as first reviser in treating *Platystoma planiceps* as valid over *Sorubim Pirauáca*, and *Platystoma spatula* over *Sorubim jandia*. Precedence of *Platystoma planiceps* over *Platystoma spatula* may be by action of Lundberg *et al.* (1989).

STEINDACHNERIDION Eigenmann & Eigenmann, 1919

Steindachneria Eigenmann & Eigenmann, 1888b: 137. Type species: *Steindachneria amblyurus* Eigenmann & Eigenmann, 1888. Type by original designation. Gender: Feminine. Preoccupied by *Steindachneria* Goode & Bean, 1888 (in fishes), replaced by *Steindachneridion* Eigenmann & Eigenmann, 1919.

Steindachneridion Eigenmann & Eigenmann, 1919: 525. Type species: *Steindachneria amblyurus* Eigenmann & Eigenmann, 1888. Type by being a replacement name. Gender: Neuter. Replacement for *Steindachneria* Eigenmann & Eigenmann, 1888.

Revision, with key to species: Garavello (2005).

Steindachneridion amblyurum (Eigenmann & Eigenmann, 1888)

Steindachneria amblyurus Eigenmann & Eigenmann, 1888b: 137. Type locality: Jequitinhonha [Brazil]. Syntypes (2, 35–38 cm): MCZ 7324 (2).

Distribution: Jequitinhonha River basin, Brazil (Garavello, 2005).

Steindachneridion doceana (Eigenmann & Eigenmann, 1889)

Steindachneria doceana Eigenmann & Eigenmann, 1889b: 30. Type locality: Rio Doce [Brazil]. Syntypes (9): MCZ 23792 (1), MCZ 23793 (1), MCZ 23794 (7); one syntype illustrated in Garavello (2005: 614, fig. 6).

Distribution: Doce River basin, Brazil (Garavello, 2005).

† ***Steindachneridion iheringi*** (Woodward, 1899)

† *Arius iheringi* Woodward, 1899: 64, pl. 2 (fig. 1), pl. 3 (fig. 2). Type locality: Taubaté, Estado do São Paulo, Brazil; Tertiary Lignite. Syntypes: BMNH P.9220 (skull), Museu Paulista (nearly complete specimen), Senckenberg Museum (partial specimen).

Distribution: Paraíba River basin, Estado do São Paulo, Brazil; Tertiary (Santos, 1973).

Remarks: Species assigned to the Pimelodidae and the genus *Steindachneridion* by Santos (1973).

Steindachneridion melanodermatum Garavello, 2005

Steindachneridion melanodermatum Garavello, 2005: 618, fig. 9. Type locality: Brazil, Paraná State, municipality of Quedas do Iguaçu, rio Iguaçu, down river of the Salto Osório dam (approx. 25°35'S 53°05'W). Holotype: MZUSP 87983.

Distribution: Iguaçu River, upper Paraná River Basin, Brazil (Garavello, 2005).

Steindachneridion parahybae (Steindachner, 1877)

Platystoma Parahybae Steindachner, 1877b: 640, pl. 9. Type locality: Rio Parahyba bei Juiz de Fora; Rio Jequitinhonha [Brazil]. Syntypes: MCZ 25521 (1, skeleton), MCZ 7295 (1), MCZ 7323 (2), NMW (?).

Distribution: Paraíba do Sul River basin, Brazil (Garavello, 2005).

Remarks: Garavello (2005: 610) incorrectly reported the catalog number of one lot of the types as MCZ 73231. Redescribed in Oliveira & de Moraes (1997).

Steindachneridion punctatum (Miranda Ribeiro, 1918)

Steindachneria scripta punctata Miranda Ribeiro, 1918d: 642. Type locality: Itaqui, Rio Grande do Sul [Brazil]. Holotype: MNRJ 1167. Originally *Steindachneria scripta* var. *punctata*.

Distribution: Upper Uruguay and Paraná River basin, Brazil (Garavello, 2005).

Steindachneridion scriptum (Miranda Ribeiro, 1918)

Steindachneria scripta Miranda Ribeiro, 1918d: 640. Type locality: Itaqui [Rio Grande do Sul, Brazil]. Lectotype: MZUSP 2286, designated by Britski (1969).

Distribution: Upper Paraná and Uruguay River basins, Brazil (Garavello, 2005).

† ***Steindachneridion silvasantosi*** Figueiredo & Costa-Carvalho, 1999

† *Steindachneridion silvasantosi* Figueiredo & Costa-Carvalho, 1999: 685, figs. 1–4. Type locality: Tremembé Formation, Lacustrine sedimentary deposit that outcrops in the mine Nossa Mina Senhora da Guia, Tremembé county, city of Taubaté, São Paulo State [Brazil]; Tertiary (? Oligocene). Holotype: DGM 1291-P; partial skull, including neurocranium and suspensorium.

Distribution: Paraíba River basin, São Paulo State, Brazil; Tertiary (Figueiredo & Costa-Carvalho, 1999).

ZUNGARO Bleeker, 1858

Zungaro Bleeker, 1858b: 196. Type species: *Zungaro humboldtii* Bleeker [= *Pimelodus zungaro* Humboldt, 1821]. Type by absolute tautonymy. Gender: Masculine.

Paulicea Ihering, 1898: 108. Type species: *Paulicea jahu* Ihering, 1898. Type by subsequent designation by Eigenmann (1910). Gender: Feminine.

Remarks: Generic synonymy based on Silfvergrip (1992: 306).

Zungaro jahu (Ihering, 1898)

Paulicea jahu Ihering, 1898: 108. Type locality: Sao Paulo [Brazil]. Types: Whereabouts unknown.

Distribution: Paraná-Paraguay River basin (Lundberg & Littmann, 2003).

Zungaro zungaro (Humboldt, 1821)

Pimelodus zungaro Humboldt, in Humboldt & Valenciennes, 1821: 170, pl. 46 (fig. 1). Type locality: Tomependa, Río Marañon [Amazon River basin, Peru]. Holotype: Whereabouts unknown.

Bagrus flavicans Castelnau, 1855: 31, pl. 13 (fig. 2). Type locality: Brazil, l'Amazone. Holotype: MNHN a-8823 (mounted).

Zungaro humboldtii Bleeker, 1858b: 207. Type locality: Tomedenda, Río Marañon [Amazon River basin, Peru]. Holotype: Whereabouts unknown. Unneeded replacement name for *Pimelodus zungaro*, presumably to avoid tautonymy.

Platystoma Lütkeni Steindachner, 1876: 609, pl. 13. Type locality: Laufe des Amazonenstromes gefangen. Syntypes: at NMW.

Distribution: Amazon and Orinoco River basins (Lundberg & Littmann, 2003).

ZUNGAROPSIS Steindachner, 1908

Zungaropsis Steindachner, 1908b: 67. Type species: *Zungaropsis multimaculatus* Steindachner, 1908. Type by monotypy. Gender: Feminine.

Zungaropsis multimaculatus Steindachner, 1908

Zungaropsis multimaculatus Steindachner, 1908b: 67. Type locality: Rio Xingu. Holotype: NMW 43537.

Remarks: Considered to be a valid species, in a genus near to *Zungaro* by A. Silfvergrip (pers. commun., 2003).

Species inquirenda, Pimelodidae

Pimelodus (Bagrus) maculatus Jardine, in Schomburgk, 1841: 175, fig. Type locality: Most rivers of Guyana, also Rio Negro and Amazon River. No types known. Preoccupied by *Pimelodus maculatus* La Cepède, 1803.

PLOTOSIDAE Bleeker, 1858

Plotosichthyoidei Bleeker, 1858b: 49, 310. Type genus: *Plotosus* La Cepède, 1803.

Taxonomic summaries: Taylor & Gomon (1986, Africa); Tilak (1970a, South Asia); Hoese & Hanley, in Paxton *et al.* (1989, Australia).

Reviews: Allen (1989, Australia); Allen (1991, New Guinea); Ferraris (1999a, western central Pacific).

Identification guide: Jayaram (1982, South Asia).

Remarks: Whitley (1940b: 407) noted that the names *Plotosus laticeps*, *Copidoglanis labiosus*, *Copidoglanis labrosus*, *Copidoglanis levis* and *Copidoglanis curtus*, all found in Saville-Kent (1889), are *nomina nuda* and therefore unavailable. The name *Plotosus flavolineatus* found in Whitley (1941a: 311) is also a *nomen nudum* and not available.

10 genera, 35 species; no named fossil taxa.

Incertae sedis

Plotosus argenteus Zietz, 1896

Plotosus argenteus Zietz, 1896: 410, pl. 16 (fig. 7). Type locality: Barcoo River, Finke River at Hermannsburg and Idracowra, and in Plam Creek and Ilpilla Creek, [Central Australia]; [restricted to Cooper Creek, near Innamincka, (which is apparently the locality listed by Zeitz (1896:411) as Barcoo River) by lectotype designation]. Lectotype: SAMA F1090, designated by Unmack (2001: 57).

Distribution: Cooper Creek, Bulloo and Finke Rivers, internal drainage system, Australia (Allen, 1989).

Remarks: Treated in recent literature as valid either as *Neosilurus argenteus* or *Porochilus argenteus*.

Copidoglanis rendahli Whitley, 1928

Copidoglanis obscurus Rendahl, 1922: 173, fig. 5. Type locality: Glencoe, Hermit Hill, nw. Australia. Lectotype: ZMUO J6341, designated by Pethon (1969: 5). Preoccupied by *Copidoglanis obscurus* Günther, 1864, replaced by *Copidoglanis rendahli* Whitley, 1928.

Copidoglanis rendahli Whitley, 1928: 214. Type locality: Glencoe, Hermit Hill, N.W. Australia. Lectotype: ZMUO J6341 designated by Pethon (1969: 5) for *Copidoglanis obscurus* Rendahl. Replacement for *Copidoglanis obscurus* Rendahl 1922; preoccupied by *Copidoglanis obscurus* Günther, 1864.

Distribution: Widely distributed in northern Australia in isolated localities, including Fitzroy, Ord, Jardin Rivers, and streams of Arnhem Land (Allen, 1989).

Remarks: Treated in recent literature as valid either as *Neosilurus rendahli* or *Porochilus rendahli*.

ANODONTIGLANIS Rendahl, 1922

Anodontiglanis Rendahl, 1922: 168. Type species: *Anodontiglanis dahli* Rendahl, 1922. Type by original designation. Gender: Masculine.

Anodontiglanis dahli Rendahl, 1922

Anodontiglanis dahli Rendahl, 1922: 169, figs. 2–3. Type locality: Glencoe, Northern Territory, Australia. Holotype: ZMUO J361.

Distribution: Northern Australia, including Fitzroy, Daly, East Alligator, Roper, Mitchell and Archer Rivers (Allen, 1989), in lentic and lotic freshwater habitats (Paxton *et al.*, 1989).

CNIDOGLANIS Günther, 1864

Cnidoglanis Günther, 1864: 27. Type species: *Plotosus megastomus* Richardson, 1845. Type by subsequent designation by Jordan (1919b: 332). Gender: Masculine.

Choeroplotosus Kner, 1866: 545. *Choeroplotosus decemfilis* Kner, 1867. Type by subsequent monotypy. Name appeared first without an available species name. Also described as new in Kner (1867: 300). Gender: Masculine.

Neoplotosus Castelnau, 1875: 45. Type species: *Neoplotosus waterhousii* Castelnau, 1875. Type by monotypy. Gender: Masculine.

Ostophycephalus Ogilby, 1899: 155. Type species: *Ostophycephalus duriceps* Ogilby, 1899. Type by original designation. Gender: Masculine.

Remarks: Eschmeyer & Bailey (1990: 92) interpreted the availability of *Choeroplotosus* as follows: "In 1866: 545, Kner listed one species as, "*Choeroplotosus limbatus* (*Plotos. limbatus* ? C. V.)", but in 1867 (p. 300) he described the species as *Choeroplotosus decemfilis* n. sp., with "Syn.? an *Plotosus limbatus* C. V. Apparently the genus can date to Kner (1866: 545) with no definitely-included named species, with species added in 1867."

Cnidoglanis macrocephalus (Valenciennes, 1840)

Plotosus macrocephalus Valenciennes, in Cuvier & Valenciennes, 1840b: 428 (317 in Strasbourg deluxe edition), pl. 449. Type locality: prise à Timor [in error, possibly for Tasmania, Australia]. Holotype: MNHN a-8921.

Plotosus megastomus Richardson, 1845, in Richardson, 1844–48: 31, pl. 21 (figs. 1–3). Type locality: Sydney Cove; Australia. Holotype: BMNH 1974.5.22.1.

Choeroplotosus decemfilis Kner, 1867: 300, pl. 12 (fig. 1 [as *Choeroplotosus limbatus*]). Type locality: Von Sidney. Syntypes (2): NMW 47098 (1), NMW 47100 (1).

Cnidoglanis bostockii Castelnau, 1873: 140. Type locality: Fremantle, Western Australia. Syntypes (2): Whereabouts unknown.

Neoplotosus waterhousii Castelnau, 1875: 45. Type locality: Adelaide, South Australia. Holotype: MNHN a-9545.

Ostophycephalus duriceps Ogilby, 1899: 156. Type locality: St. Vincent's Gulf, South Australia. Holotype: SAMA F1093.

Distribution: Kirra, Queensland to Jervis Bay, New South Wales, and Kingston, South Australia to Houtman Abrolhos Islands, Western Australia and Duck River, Tasmania, in near-shore and reef habitats (Paxton *et al.*, 1989).

Remarks: Kowarsky (1976) discussed the valid name for, and distribution of, this species.

EURISTHMUS Ogilby, 1899

Euristhmus Ogilby, 1899: 154. Type species: *Plotosus elongatus* Castelnau, 1878. Type by original designation. Gender: Masculine.

Exilichthys Whitley, 1933: 65. Type species: *Cnidoglanis nudiceps* Günther, 1880. Type by original designation. Gender: Masculine.

Euristhmus lepturus (Günther, 1864)

Cnidoglanis lepturus Günther, 1864: 28. Type locality: Sydney, New South Wales [Australia]. Syntypes (2, one stuffed): BMNH 1864.1.17.33 (1).

Plotosus elongatus Castelnau, 1878a: 237. Type locality: Brisbane River [Queensland, Australia]. Holotype: Whereabouts unknown [possibly MNHN a-2783].

Distribution: Exmouth Gulf, Western Australia to Sydney, New South Wales, and New Guinea, in freshwater, estuarine and near-shore marine habitats (Paxton *et al.*, 1989; Allen, 1997: 60).

Euristhmus microceps (Richardson, 1845)

Plotosus microceps Richardson, 1845, in Richardson, 1844–48: 31, pl. 21 (figs. 4–7). Type locality: North-west coast of Australia. Holotype: BMNH 1846.3.3.2.

Cnidoglanis microcephalus Günther, 1864: 28. Type locality: North-west coast of Australia. Holotype: BMNH 1846.3.3.2. Unjustified emendation of *Plotosus microceps* Richardson, 1845.

Distribution: Shark Bay to Broome, Western Australia, in near-shore habitats over soft bottoms (Paxton *et al.*, 1989).

Euristhmus nudiceps (Günther, 1880)

Cnidoglanis nudiceps Günther, 1880b: 49. Type locality: Arafura Sea. Holotype or lectotype: BMNH 1879.5.14.590; illustrated in Weber & de Beaufort (1913: 232).

Distribution: Shark Bay, Western Australia to Brisbane Queensland, Australia, in near-shore habitats over soft bottoms (Paxton *et al.*, 1989); also New Guinea (Allen, 1997: 60).

Remarks: Paxton *et al.* (1989: 223) list a holotype for *Cnidoglanis nudiceps*, but the Natural History Museum in London lists a second specimen (BMNH 1890.2.26.165) from the Challenger Expedition taken in the Arafura Sea that may also have been examined by Günther. There is no evidence in the original description whether more than one specimen was examined. Therefore, even if the second specimen was originally a syntype, it would have been rendered a paralectotype by the de facto lectotype designation in Paxton *et al.* (1989).

NEOSILUROIDES Allen & Feinberg, 1998

Neosiluroides Allen & Feinberg, 1998: 11. *Neosiluroides cooperensis* Allen & Feinberg, 1998. Type by original designation. Gender: Masculine.

Neosiluroides cooperensis Allen & Feinberg, 1998

Neosiluroides cooperensis Allen & Feinberg, 1998: 12, fig. 2. Type locality: Callamurra Waterhole, Coopers Creek, 11.3 km east of Innamincka, South Australia, ca. 27°41'S, 140°51'E. Holotype: AMS I.18699-001.

Distribution: Coopers Creek system, Lake Eyre drainage (Allen & Feinberg, 1998).

NEOSILURUS Steindachner, 1867

Neosilurus Steindachner, 1867a: 7. Type species: *Neosilurus hyrtlii* Steindachner, 1867. Type by monotypy. Gender: Masculine. Also appeared as new in Steindachner (1867d: 11).

Neosilurus Castelnau, 1878a: 238. Type species: *Neosilurus australis* Castelnau, 1878. Type by monotypy. Gender: Masculine. Preoccupied by *Neosilurus* Steindachner, 1867, in fishes; replaced by *Cainosilurus* Macleay, 1881.

Eumeda Castelnau, 1878b: 143. Type species: *Eumeda elongata* Castelnau, 1878. Type by monotypy. Gender: Feminine.

Cainosilurus Macleay, 1881: 211. Type species: *Neosilurus australis* Castelnau, 1878. Type by being a replacement name. Gender: Masculine. Replacement for *Neosilurus* Castelnau, 1878; preoccupied by *Neosilurus* Steindachner, 1867.

Lambertia Perugia, 1894: 550. Type species: *Lambertia atra* Perugia, 1894. Type by monotypy. Gender: Feminine. Preoccupied by *Lambertia* Robineau-Desvoidy, 1863, in Diptera; replaced by *Lambertichthys* Whitley, 1938.

Anyperistius Ogilby, 1908: 3, 11. Type species: *Anyperistius perugiae* Ogilby, 1908. Type by original designation. Gender: Masculine. Spelled two ways originally: *Anyperistius* and *Anyperisteus*. First reviser apparently Eschmeyer & Bailey (in Eschmeyer, 1990) who selected *Anyperistius*.

Lambertichthys Whitley, 1938: 223. Type species: *Lambertia atra* Perugia, 1894. Type by being a replacement name. Gender: Masculine. Replacement for *Lambertia* Perugia, 1894; preoccupied by *Lambertia* Robineau-Desvoidy, 1863, in Diptera.

Neosilurus ater (Perugia, 1894)

Lambertia atra Perugia, 1894: 551. Type locality: Inawi, Papuasias orientales. Syntypes: MSNG 1663 (1), MSNG 8140 (1, missing), ZMA 113360 (1).

Neosilurus mediobarbis Ogilby, 1908: 12. Type locality: ? Queensland, Australia. Holotype: QM (lost: Paxton *et al.*, 1989).

Lambertichthys ater sepikensis Whitley, 1956b: 68. Type locality: Upper Sepik River, New Guinea. Holotype: AMS IA.7278; illustrated in Whitley (1956a: 44, fig. 4).

Distribution: Northern Australia and central-southern New Guinea; in freshwater (Allen, 1989).

Neosilurus brevidorsalis (Günther, 1867)

Copidoglanis brevidorsalis Günther, 1867a: 66. Type locality: Nicol Bay, Cape York, Queensland, Australia. Holotype: BMNH 1867.5.13.11.

Anyperistius perugiae Ogilby, 1908: 11. Type locality: Inawe, St. Joseph River, New Guinea. Type(s): at MSNG and/or BMNH 1965.1.26.1 (1). Based on specimen(s) identified by Perugia (1894: 552) as *Eumeda elongata* (not of Castelnau).

Neosilurus bartoni Regan, 1908c: 153. Type locality: Sogeri, New Guinea. Syntypes: BMNH 1905.8.15.9–10 (2).

Distribution: Cape York Peninsula, northern Australia, and central-southern New Guinea; in streams, turbid backwaters, and lagoons (Allen, 1989).

Remarks: BMNH 1965.1.26.1 was sent to BMNH on exchange from MSNG and is apparently a type of *Anyperistius*

perugiae Ogilby, 1908.

Neosilurus coatesi (Allen, 1985)

Tandanus coatesi Allen, 1985: 252, fig. 3. Type locality: Ninar River, ca. 6 km west of Maprik, Papua New Guinea, ca. 3°37'S, 143°00'E. Holotype: WAM P.27839-007.

Distribution: Sepik River basin, in streams of Torracelli Mountains (Allen *et al.*, 1992).

Neosilurus equinus (Weber, 1913)

Copidoglanis equinus Weber, 1913: 527, fig. 11. Type locality: Lorentz-Fluss [New Guinea]. Syntypes (13): ZMA 111105 (7), ZMA 111106 (1), ZMA 111107 (4), ZMA 111108 (2).

Distribution: Southern Papua (formerly Irian Jaya), New Guinea (Allen, 1996).

Neosilurus gjellerupi (Weber, 1913)

Copidoglanis gjellerupi Weber, 1913: 528. Type locality: Kaiserin Augusta-fluss [New Guinea]. Holotype: ZMA 111091.

Distribution: Ramu River basin, Papua New Guinea (Allen *et al.*, 1992) and northern Papua (formerly Irian Jaya), New Guinea (Allen, 1996).

Remarks: The name *Copidoglanis papuensis* that is found in the caption of figures 11 and 12 in Hase (1914: 540) appears to have been published accidentally inasmuch as the species account indicates that the specimens were regarded as having been identified as *Copidoglanis gjellerupi* (Weber, 1913). This was treated by Eschmeyer *et al.* (1998: 1283) as unavailable, because it was not treated as the valid name of a species when proposed.

Neosilurus gloveri Allen & Feinberg, 1998

Neosilurus gloveri Allen & Feinberg, 1998: 13, fig. 3. Type locality: Main Spring, Dalhousie Springs, South Australia, ca. 26°25'S, 135°30'E. Holotype: SAMA F.4159.

Distribution: Dalhousie artesian springs, Finke River basin, southern Australia (Allen & Feinberg, 1998).

Neosilurus hyrtlilii Steindachner, 1867

Neosilurus Hyrtlilii Steindachner, 1867d: 14, pl. 1 (figs. 3–3a). Type locality: Fitzroy-Flusse bei Rockhampton, Ost-Australien. Syntypes: NMW 45340 (5), NMW 45341 (2).

Silurichthys australis Castelnau, 1875: 45. Type locality: Cape York [Queensland, Australia]. Holotype: Whereabouts unknown.

Neosilurus australis Castelnau, 1878a: 239. Type locality: Freshwater lagoons of Rockhampton, Queensland, Australia. Holotype: Whereabouts unknown.

Eumeda elongata Castelnau, 1878b: 144. Type locality: Brisbane River, Rockhampton [Queensland, Australia]. Holotype: MNHN a-2173.

Neosilurus robustus Ogilby, 1908: 13. Type locality: Keppel Bay, Queensland, Australia. Holotype: Whereabouts unknown, not at QM.

Copidoglanis glencoensis Rendahl, 1922: 170, fig. 4. Type locality: Glencoe R., nw. Australia. Lectotype: ZMUO J5254; Lectotype designated by Pethon (1969: 4).

Neosilurus mortoni Whitley, 1941b: 7, fig. 7. Type locality: Yam Creek (nine miles from Brock's Creek, railway line south from Darwin) Northern Territory of Australia. Holotype: AMS IA.4824.

Distribution: Widely distributed in northern Australia; in freshwater (Allen, 1989).

Neosilurus idenburgi (Nichols, 1940)

Copidoglanis idenburgi Nichols, 1940: 1. Type locality: Bernhard Camp (altitude 75 meters), Idenburg River, Netherland New Guinea. Holotype: AMNH 15034.

Distribution: Ramu River basin, Papua New Guinea (Allen, 1992) and northern Papua (formerly Irian Jaya), New Guinea (Allen, 1996).

Neosilurus mollespiculum Allen & Feinberg, 1998

Neosilurus mollespiculum Allen & Feinberg, 1998: 16, fig. 6. Type locality: Running River, Burdekin River system, Queensland, ca. 19°07'S, 145°50'E, Australia. Holotype: QM I.30685.

Distribution: Isdell, Carson, Drysdale, Katherine, Fergusson, and Burdekin Rivers, northern Australia (Allen & Feinberg, 1998).

Neosilurus novaeguineae (Weber, 1907)

Copidoglanis novae-guineae Weber, 1907: 226. Type locality: Sentani-See, Nord-Neu-Guinea. Syntypes (13):

FMNH 52388 (1), NMW 46696 (1), RMNH 7980 (1), ZMA 112670 (8).

Copidoglanis novae-guineae niger Nichols, 1940: 1. Type locality: Bernhard Camp (altitude 75 meters), Idenburg River, Netherland New Guinea. Holotype: AMNH 15035.

Distribution: Ramu River basin, Papua New Guinea (Allen *et al.*, 1992) and northern Papua (formerly Irian Jaya), New Guinea (Allen, 1996).

Neosilurus pseudospinosus Allen & Feinberg, 1998

Neosilurus pseudospinosus Allen & Feinberg, 1998: 15, figs. 4–5. Type locality: Rocky pool of Ord R. on Old Lissadel Station, Kimberley Dist., Western Australia, ca. 16°40'S, 128°83'E. Holotype: WAM P.28505-007.

Distribution: Ord River, Western Australia (Allen & Feinberg, 1998).

OLOPLOTOSUS Weber, 1913

Oplotosus Weber, 1913: 521. Type species: *Oplotosus mariae* Weber, 1913. Type by monotypy. Gender: Masculine.

Key: Allen (1985; 1991).

Oplotosus luteus Gomon & Roberts, 1978

Oplotosus luteus Gomon & Roberts, in Roberts, 1978: 47, fig. 25. Type locality: Shallow, turbid backwater of Ok Tedi and lowermost half km of small tributary about 16 km NE of Nigerum, 915 km upriver from Toro Pass, 5°34.1'S, 141°15.0'E; Fly River, Papua New Guinea. Holotype: AMS I.27093-001.

Distribution: Upper Fly River, New Guinea (Roberts, 1978).

Oplotosus mariae Weber, 1913

Oplotosus Mariae Weber, 1913: 522, fig. 3. Type locality: Lorentz-Fluss, Sabang; Lorentz-Fluss, Alkmaar [New Guinea]. Syntypes (5): AMNH 9500 (1), ZMA 111103 (1), ZMA 111104 (2).

Distribution: Southern Papua (formerly Irian Jaya), New Guinea (Allen, 1996).

Oplotosus torobo Allen, 1985

Oplotosus torobo Allen, 1985: 248, fig. 1. Type locality: Soro River at n. end of Lake Kutubu, ca. 4 km east of Moro landing strip, Papua New Guinea, ca. 6°23'S, 143°15'E, 0–3 m. Holotype: WAM P.28158-003.

Distribution: Soro River, Papua New Guinea (Allen, 1985).

PARAPLOTOSUS Bleeker, 1863

Paraplotosus Bleeker, 1863 (in Bleeker, 1862–63): 100. Type species: *Plotosus albilabris* Valenciennes, 1840. Type by monotypy. Gender: Masculine.

Endorrhis Ogilby, 1898b: 283. Type species: *Copidoglanis longifilis* Macleay, 1881. Type by original designation. Gender: Feminine.

Revision: Allen (1998).

Paraplotosus albilabris (Valenciennes, 1840)

Plotosus albilabris Valenciennes, in Cuvier & Valenciennes, 1840b: 427 (316 in Strasbourg deluxe edition). Type locality: Batavia. Holotype: MNHN a-9544.

Plotosus macrophthalmus Bleeker, 1846a: 179. Type locality: Batavia. Syntypes (size and number not stated): Whereabouts unknown.

Copidoglanis longifilis Macleay, 1881: 207. Type locality: Long Island, Torres Strait, Queensland, Australia. Syntypes: AMS I.16269-001 (2).

Distribution: Indo-Australian Archipelago, New Guinea and Australia; often in coral reef habitats (Allen, 1998).

Paraplotosus butleri Allen, 1998

Paraplotosus butleri Allen, 1998: 129, fig. 3. Type locality: Near Broome, ca. 17°58'S, 122°14'E, Western Australia. Holotype: WAM P.27368-021.

Distribution: Northern Australia, in coastal reefs (Allen, 1998).

Paraplotosus muelleri (Klunzinger, 1880)

Cnidoglanis mülleri Klunzinger, 1880: 411. Type locality: Port Darwin [Australia]. Holotype: SMNS 2519.

Distribution: Dampier Archipelago to the eastern Gulf of Carpentaria, northern Australia; in turbid coastal reefs (Allen, 1998).

PLOTOSUS La Cepède, 1803

Plotosus La Cepède, 1803: 129. Type species: *Platystacus anguillaris* Bloch, 1794. Type by monotypy. Gender: Masculine.

Deportator Gistel, 1848: X. Type species: *Platystacus anguillaris* Bloch, 1794. Type by being a replacement name. Gender: Masculine. Unneeded replacement for *Plotosus* La Cepède, 1803, which was considered by Gistel to be preoccupied by *Plotus* Linnaeus, 1766, in Aves.

Remarks: *Plotosis* (in Duméril, 1856: 340), *Plotoseus* (in Lesson, 1826, in Lesson 1826–31: pl. 31, 1831: 435) and *Plotosius* (in Siebold, 1846: 228) are incorrect subsequent spellings of *Plotosus* and not available names.

Key: Gomon & Taylor (1982).

Plotosus canius Hamilton, 1822

Plotosus canius Hamilton, 1822: 142, 374, pl. 15 (fig. 44). Type locality: rivers of the southern parts of Bengal. No types known.

Plotosus unicolor Valenciennes, in Cuvier & Valenciennes, 1840b: 426 (316 in Strasbourg deluxe edition). Type locality: Java. Holotype: MNHN a-8924.

Plotosus viviparus Bleeker, 1846a: 182. Type locality: Batavia. Syntypes (size and number not stated): possibly RMNH 8066 (1), RMNH 15875 (6), SMNS 10624 (1).

Plotosus horridus Bleeker, 1846a: 183. Type locality: Batavia. Type(s) (size and number not stated): Whereabouts unknown.

Plotosus multiradiatus Bleeker, 1846a: 183. Type locality: Batavia. Type (s) (size and number not stated): Whereabouts unknown.

Distribution: Coastal regions of Thailand, Sundaland, Sulawesi, Moluccas, and India, and into lower Mekong River (Kottelat, 2001b).

Remarks: Synonymy based on Bleeker (1862–63: 99). *Plotosus caesius* in Cuvier (1829, 1836, etc.) and Hyrtl (1859: 5, 6, 17) are considered to be incorrect spellings for *P. canius* and not the proposal of an available name. *Silurus unitius* of Hora (1933: 133) is not available, as it was not treated as a valid species.

Plotosus fisadoha Ng & Sparks, 2002

Plotosus fisadoha Ng & Sparks, 2002: 565, fig. 1. Type locality: Madagascar: southeastern coast of Fanarantsoa Province; Farafangana market. Holotype: UMMZ 235269.

Distribution: Southeastern Madagascar (Ng & Sparks, 2002).

Plotosus limbatus Valenciennes, 1840

Plotosus limbatus Valenciennes in Cuvier & Valenciennes, 1840b: 422 (313 in Strasbourg deluxe edition). Type locality: Côte de Malabar ... Pondichéry; [restricted to Malabar by lectotype designation]. Lectotype: MNHN a-9546, designated by Gomon & Taylor (1982: 9).

Copidoglanis obscurus Günther, 1864: 26. Type locality: Probably from Australia. Holotype: BMNH 1852.9.13.164.

Distribution: Western Indian Ocean and Arabian Sea, in marine and brackish waters (Taylor & Gomon, 1986).

Plotosus lineatus (Thunberg, 1787)

Silurus lineatus Thunberg, 1787: 31, footnote 13. Type locality: [East Indian Seas]. Type(s): ZMUC P 28555. Described in more detail and illustrated in Thunberg (1791: 191, pl. 6).

Platystacus anguillaris Bloch, 1794: 61, pl. 373 (figs. 1, 2). Type locality: Not stated [given as Tranquebar in Bloch & Schneider, 1801]. Lectotype: ZMB 3078, designated by Taylor & Gomon (1986: 160).

Plotosus thunbergianus La Cepède, 1803: 693, 694. Type locality: La mer des grandes Indes. Holotype: ZMUC P 28555. Unneeded new name for *Silurus lineatus* Thunberg, 1787.

Plotoseus ikapor Lesson, 1826, in Lesson 1826–31: pl. 31, fig. 3. Type locality: baie d'Offeach de l'île de Waigiou. Holotype: Whereabouts unknown. Name made available by figure caption, with illustrated specimen the holotype; described in Lesson (1831: 132).

Plotosus marginatus Bennett, 1830: 691. Type locality: Sumatra. Syntype: BMNH 1855.12.26.452 (1).

Plotosus vittatus Swainson, 1839: 307. Type locality: Not stated [given as Tranquebar in Bloch & Schneider, 1801]. Unneeded new name for *Platystacus anguillaris* Bloch. Based on "Bl. 373, fig. 1" [= Bloch (1794: pl. 373 (fig. 1))].

Plotosus castaneus Valenciennes, in Cuvier & Valenciennes, 1840b: 421 (312 in Strasbourg deluxe edition). Type locality: Mahé sur la côte malabare. Holotype: MNHN a-8929.

Plotosus lineatus Valenciennes in Cuvier & Valenciennes, 1840b: 412 (306 in the Strasbourg deluxe edition). Type locality: la mer des Indes ... la mer Rouge ... la Séchelles ... la côte de Malabar, Trincomalé, Pondichéry, Amboine ... Célèbes, îles des Amis, îles de la Société, Macao ... Philippines. Syntypes: MNHN a-8930 (1), MNHN a-8931 (2), MNHN a-8932 (10 or 11), MNHN a-8936 (1). Preoccupied in *Plotosus* by *Silurus lineatus* Thunberg, 1787.

Plotosus castaneoides Bleeker, 1851f: 490. Type locality: Rio [=Riouw], in mari. Syntypes (2, 160–170 mm TL): at RMNH.

Plotosus arab Bleeker, 1862a: 111. Type locality: Not stated [given as Tranquebar in Bloch & Schneider, 1801]. Syntypes: at MNHN, ZMB 3078 (1), ZMB 3079 (1). Name made available by reference to *Plotosus anguillaris* of La Cépède (1803: 130, pl. 3 fig. 2), which is based on specimens and *Platystacus anguillaris* Bloch, 1794.

Plotosus brevibarbus Bessednov, 1967: 446, fig. 3. Type locality: 21°10' c. ш, 108°30' в. д, 29 m [Gulf of Tonkin, South China Sea]. Holotype: Mus. TINRO 3667.

Distribution: Indian Ocean and Western Pacific, in marine waters, but sometimes entering freshwaters in East Africa and Madagascar (Taylor & Gomon, 1986); eastern Mediterranean (Golani, 2002).

Remarks: The name *Silurus Arab* in Forsskål (1775: xvi) is not available (M. Kottelat, pers. commun.). The name *Plotosus malignus* appears in the account of *Plotosus lineatus* Valenciennes, but it not treated as valid and is therefore not available from that publication. The name does not appear to have been treated as valid subsequently. See Smith (1941) for nomenclatural comments regarding this species.

***Plotosus nkunga* Gomon & Taylor, 1982**

Plotosus nkunga Gomon & Taylor, 1982: 3, pl. 1. Type locality: South Africa, Transkei, Bashee River (32°15'S, 28°55'E). Holotype: SAM 18457.

Distribution: Southern Africa from Boknes to Boteler Point, and possibly to Zanzibar, in marine waters but also entering freshwater (Taylor & Gomon, 1986).

***Plotosus papuensis* Weber, 1910**

Plotosus papuensis Weber, 1910: 228. Type locality: Lorentz-Fluss [New Guinea]. Syntypes: FMNH 52494 (1), ZMA 111093–97 (5), ZMA 111098–100 (5), ZMA 111513 (1).

Distribution: Southern Papua (formerly Irian Jaya), New Guinea (Allen, 1996).

Species inquirenda, Plotosus

Plotosus abbreviatus Boulenger, 1895a: 247. Type locality: Mouth of Baram River, Sarawak. Holotype: BMNH 1894.8.3.35.

***POROCHILUS* Weber, 1913**

Porochilus Weber, 1913: 523. Type species: *Porochilus obbesi* Weber, 1913. Type by monotypy. Gender: Masculine.

***Porochilus meraukensis* (Weber, 1913)**

Copidoglanis meraukensis Weber, 1913: 529. Type locality: Merauke, Süd-Neu Guinea. Syntypes: RMNH 10865 (1), ZMA 111092 (1).

Distribution: Southern Papua (formerly Irian Jaya), New Guinea (Allen, 1996).

***Porochilus obbesi* Weber, 1913**

Porochilus Obbesi Weber, 1913: 523, figs. 4–5. Type locality: Lorentz-Fluss, ... bei Sabang, New Guinea. Syntypes (6): ZMA 111101 (3), ZMA 111102 (1), RMNH 10864 (1).

Distribution: Southern Papua (formerly Irian Jaya), New Guinea (Allen, 1996).

***TANDANUS* Mitchell, 1838**

Tandanus Mitchell, 1838: 95. Type species: *Plotosus (Tandanus) tandanus* Mitchell, 1838. Type by monotypy. Gender: Masculine. Originally proposed as a subgenus of *Plotosus*.

Copidoglanis Günther, 1864: 25. Type species: *Plotosus (Tandanus) tandanus* Mitchell, 1838. Type by subsequent

designation by Jordan (1919b: 332) with name was misprinted *Copiodoglanis*. Gender: Masculine.

Tandanus bostocki Whitley, 1944

Plotosus unicolor Castelnau, 1873: 141. Type locality: Interior of Western Australia. Syntype: NMV 51851 (1). Preoccupied by *Plotosus unicolor* Valenciennes, 1840, replaced by *Tandanus bostocki* Whitley, 1944.

Tandanus bostocki Whitley, 1944: 260. Type locality: Interior of Western Australia. Syntype: NMV 51851 (1). Replacement for *Plotosus unicolor* Castelnau, 1873, preoccupied by *Plotosus unicolor* Valenciennes, 1840.

Remarks: The statement in Whitley (1944: 260) that designates a holotype for the species is in error, since he clearly states elsewhere that *Tandanus bostocki* is intended to replace the preoccupied name of Castelnau and, thereby, takes the same specimen as holotype.

Distribution: Coastal drainages of southwestern Australia, from the Frankland River to Moore River (Allen, 1989).

Tandanus tandanus (Mitchell, 1838)

Plotosus (Tandanus) tandanus Mitchell, 1838: 44, 95, pl. 5 (fig. 2). Type locality: Lagoon near Tangulda, Namoi River, New South Wales; river between Gwydir River and MacIntyre River, New South Wales. No types known.

Distribution: Murray-Darling River system and coastal drainages of eastern Australia (Allen, 1989).

Remarks: See Musyl & Keenan (1996) for comments on populational variation that may represent unrecognized additional species.

Species inquirenda, Plotosidae

Plotosus nigricans Valenciennes, in Cuvier & Valenciennes, 1840b: 412, 417 (310 in Strasbourg deluxe edition). Type locality: Not stated. Holotype: at MNHN (skeleton). Species name mentioned in generic account as well as account of *Plotosus lineatus*. Reference made to published comments about the skeleton by Cuvier in Regne Animal, which are adequate to act as an indication, even though Valenciennes never provides a more complete treatment of the species. Gomon & Taylor (1982: 10), disagree and treated the name as a *nomen nudum*, but later argue that a specimen previously treated as the holotype of the species, MNHN a-9433, must not be considered as one of the "original type-specimens."

PSEUDOPIMELODIDAE Lundberg, Bornbusch & Mago-Leccia, 1991

Pseudopimelodinae Lundberg, Bornbusch & Mago-Leccia, 1991: 204. Type genus: *Pseudopimelodus* Bleeker, 1858.

Remarks: The name Pseudopimelodidae was proposed first by Fernández-Yépez & Martín Salazar (1953) in a manner that made the name available when published, but was rendered unavailable in Art. 13 of the Second Edition of the Code (ICZN, 1961). The name apparently remains unavailable, despite Art. 13.2.1 of the current version of the Code (ICZN, 1999), because the name was treated as unavailable in Ferraris & de Pinna (1999: 8).

Taxonomic summary: Shibatta (2003a).

Phylogeny: Shibatta (1998, 2003b).

5 genera, 29 species; no named fossil taxa.

BATROCHOGLANIS Gill, 1858

Batrochoglanis Gill, 1858: 389. Type species: *Pimelodus raninus* Valenciennes, 1840. Type by original designation. Gender: Masculine.

Remarks: *Batrachoglanis*, first used in Gill (1861c), is either a misspelling or unjustified emendation of *Batrochoglanis* Gill, 1858.

Batrochoglanis acanthochiroides (Güntert, 1942)

Pseudopimelodus acanthochiroides Güntert, 1942: 29. Type locality: Santander, Colombia. Syntypes: NMBA 5277–78 (2).

Pseudopimelodus villosus butcheri Schultz, 1944c: 199, pl. 1 (fig. b). Type locality: Río San Juan near bridge south of Mene Grande, tributary to Rio Motatán, Maracaibo basin, Venezuela. Holotype: USNM 121270.

Distribution: Catatumbo River basin in Lake Maracaibo drainage (Shibatta, 2003a).

Batrochoglanis melanurus Shibatta & Pavanelli, 2005

Batrochoglanis melanurus Shibatta & Pavanelli, 2005: 23, figs. 1–2. Type locality: Córrego Cancela, affluent of rio Cuiabá, rio Paraguai basin; 14°42.501S/ 56°15.850W; Nobres; State of Mato Grosso; Brazil. Holotype: MZUSP 87240.

Distribution: Cuiabá River, Paraguay River basin, Mato Grosso. Brazil (Shibatta & Pavanelli, 2005).

Batrochoglanis raninus (Valenciennes, 1840)

Pimelodus raninus Valenciennes, in Cuvier & Valenciennes, 1840b: 157 (117 in the Strasbourg deluxe edition), pl. 434. Type locality: La Mana ... Rio-Janéiro. Syntypes: MNHN a-9942 (3).

Pseudopimelodus acanthochirus Eigenmann & Eigenmann, 1888b: 122. Type locality: Brazil. Syntypes (5): MCZ 8133 (1), MCZ 8157 (1), MCZ 7732 (2), MCZ 7332 (1).

Distribution: Amazon River basin (Shibatta, 2003a).

Batrochoglanis transmontanus (Regan, 1913)

Pseudopimelodus transmontanus Regan, 1913d: 467. Type locality: Condoto ..., San Juan and the Tamana ..., and the Durango, W. Ecuador. Syntypes (9): BMNH 1910.7.11.104, BMNH 1910.7.11.105, BMNH 1913.10.1.36, BMNH 1902.5.27.37–40.

Distribution: Baudó, San Juan, Patia and Durango River basins, Pacific slope drainages (Shibatta, 2003a).

Batrochoglanis villosus (Eigenmann, 1912)

Pseudopimelodus villosus Eigenmann, 1912b: 152, fig. 32, pl. 10 (fig. 1). Type locality: Potaro Landing, British Guiana. Holotype: FMNH 53219.

Distribution: Demerara, Essequibo, Orinoco and Amazon River basins (Shibatta, 2003a).

CEPHALOSILURUS Haseman, 1911

Cephalosilurus Haseman, 1911a: 317. Type species: *Cephalosilurus fowleri* Haseman, 1911. Type by monotypy. Gender: Masculine.

Cephalosilurus albomarginatus (Eigenmann, 1912)

Pseudopimelodus albomarginatus Eigenmann, 1912b: 153, pl. 11 (fig. 1). Type locality: Tukeit, British Guiana. Holotype: FMNH 53221.

Distribution: Tukeit, Guyana (Shibatta, 2003a).

Cephalosilurus apurensis (Mees, 1978)

Pseudopimelodus apurensis Mees, 1978b: 253, pl. 1. Type locality: Río Arichuna, near San Pedro, Rincón hondo, Apure, Venezuela. Holotype: RMNH 27644.

Distribution: Arichuna River basin, Apure State, Venezuela (Shibatta, 2003a).

Cephalosilurus fowleri Haseman, 1911

Cephalosilurus fowleri Haseman, 1911a: 317, pl. 46. Type locality: Rio São Francisco, Cidade de Barra, Bahia, Brazil. Holotype: FMNH 54254.

Distribution: São Francisco River basin, Brazil (Shibatta, 2003a).

Cephalosilurus nigricaudus (Mees, 1974)

Pseudopimelodus nigricauda Mees, 1974: 218, figs. 37d, 38d; pls. 11–12. Type locality: Sipaliwini, Suriname. Holotype: RMNH 26739.

Distribution: Sipaliwini River basin, Suriname (Shibatta, 2003a).

LOPHIOSILURUS Steindachner, 1877

Lophiosilurus Steindachner, 1877a: 154. Type species: *Lophiosilurus alexandri* Steindachner, 1877. Type by monotypy. Gender: Masculine.

Lophiosilurus alexandri Steindachner, 1877

Lophiosilurus Alexandri Steindachner, 1877a: 154, pl. 15. Type locality: Aus Brasilien, wahrscheinlich aus dem Amazonenstromen. Holotype: NMW 46123.

Pseudopimelodus Agassizi Steindachner, 1880b: 61. Type locality: Aus Brasilien, wahrscheinlich aus dem Amazonenstromen. Holotype: NMW 46123. Unneeded new name, or *lapsus calami* for *Lophiosilurus alexandri* Steindachner, 1877, originally written as *Pseudop. Agassizi*.

Distribution: São Francisco River basin, Brazil (Shibatta, 2003a).

Remarks: See Pinto & Marzulo (1975) for comments on morphology.

MICROGLANIS Eigenmann, 1912

Microglanis Eigenmann, 1912b: 130, 155. Type species: *Microglanis poecilus* Eigenmann, 1912. Type by original designation. Gender: Masculine.

Key: Bertaco & Cardoso (2005), and Shibatta & Benine (2005), southern Brazil.

Microglanis ater Ahl, 1936

Microglanis ater Ahl, 1936: 109. Type locality: Brazil. Holotype: ZMB 20932.

Distribution: Brazil (Shibatta, 2003a).

Microglanis cibela Malabarba & Mahler, 1998

Microglanis cibela Malabarba & Mahler, 1998: 249, figs. 1, 4–6. Type locality: arroio do Ouro, Rio Maquiné, between Maquiné and Barra do Ouro, Rio Grande do Sul, Brasil. Holotype: MZUSP 48653.

Distribution: Coastal drainages in northern Rio Grande do Sul and Santa Catarina States, Brazil (Shibatta, 2003a; Bertaco & Cardoso, 2005).

Microglanis cottoides (Boulenger, 1891)

Pimelodus (*Pseudopimelodus*) *cottoides* Boulenger, 1891: 233, pl. 25 (fig. 2). Type locality: Rio Camaquã, Rio Grande do Sul, Brazil. Syntypes: BMNH 1891.3.16.36–45 and BMNH 1891.3.16.106 (lots combined, 12 specimens) and BMNH 1889.8.24.5 (1).

Distribution: Laguna dos Patos and Uruguay River basins, Brazil (Shibatta, 2003a; Bertaco & Cardoso, 2005).

Microglanis eurystoma Malabarba & Mahler, 1998

Microglanis eurystoma Malabarba & Mahler, 1998: 248, fig. 3. Type locality: Rio Uruguay, Itá, Santa Catarina, Brazil. Holotype: MCP 13405.

Distribution: Upper Uruguay River basin, Brazil (Shibatta, 2003a; Bertaco & Cardoso, 2005).

Microglanis garavello Shibatta & Benine, 2005

Microglanis garavello Shibatta & Benine, 2005: 580, figs. 1–2. Type locality: Brazil, Paraná: Taquari stream, 23°12'24"S 50°56'50"W, Município de Jataizinho. Holotype: MZUSP 88006.

Distribution: Parapanema and Tietê River basins, Brazil (Shibatta & Benine, 2005).

Microglanis iheringi Gomes, 1946

Microglanis iheringi Gomes, 1946: 9, pl. 1. Type locality: Río Turmero, Aragua, Venezuela. Holotype: FMNH 35350.

Distribution: Turmero River basin, Venezuela (Shibatta, 2003a).

Microglanis malabarbai Bertaco & Cardoso, 2005

Microglanis malabarbai Bertaco & Cardoso, 2005: 62, fig. 2. Type locality: arroio Albino, tributary of rio Ijuí (rio Uruguay drainage), 28°08'10"S, 54°55'28"W, São Pedro do Butiá, Rio Grande do Sul, Brazil. Holotype: MCP 35941.

Distribution: Middle Uruguay River basin, Brazil (Bertaco & Cardoso, 2005).

Microglanis nigripinnis Bizerril & Perez-Neto, 1992

Microglanis nigripinnis Bizerril & Perez-Neto, 1992: 97, figs. 1–2. Type locality: Brazil, Estado do Rio de Janeiro, rio Macacu, Município de Cachoeira do Macacu, Cidade de Papucaia. Holotype: MZUSP 42308.

Distribution: Macacu River basin in Rio de Janeiro State, Brazil (Shibatta, 2003a).

Microglanis parahybae (Steindachner, 1880)

Pseudopimelodus Parahybae Steindachner, 1880b: 60 footnote, pl. 1 (figs. 2–2b). Type locality: Rio Parahyba und von Santa Cruz [Brazil]. Syntypes: MCZ 8161 (25), MCZ 8162 (6), NMW 44433 (9), NMW44436 (1).

Distribution: Paraíba do Sul River basin, Brazil (Shibatta, 2003a).

Microglanis pellopterygius Mees, 1978

Microglanis pellopterygius Mees, 1978b: 256, pl. 2. Type locality: Tributary stream of Río Aguarico at Santa Cecilia, 0°06'N, 76°51'W, Napo, Ecuador. Holotype: ANSP 130437.

Distribution: Aguarico River basin, Ecuador (Shibatta, 2003a).

Microglanis poecilus Eigenmann, 1912

Microglanis poecilus Eigenmann, 1912b: 155, pl. 12 (fig. 2). Type locality: Below Packeoo Falls, British Guiana.
Holotype: FMNH 46365.

Distribution: Essequibo River basin and rivers of French Guiana (Shibatta, 2003a).

***Microglanis secundus* Mees, 1974**

Microglanis secundus Mees, 1974: 235, fig. 40 e; pl. 14. Type locality: Sipaliwini, Suriname. Holotype: RMNH 26525.

Distribution: Catatumbo River basin; Venezuela and Colombia; Sipaliwini River basin, Suriname (Shibatta, 2003a).

***Microglanis variegatus* Eigenmann & Henn, 1914**

Microglanis variegatus Eigenmann & Henn, in Eigenmann, Henn & Wilson, 1914: 14. Type locality: Near Vinces, Ecuador. Holotype: CAS 17971; holotype illustrated in Eigenmann (1922b: 33, pl. 2, figs. 3–4).

Distribution: Forest pool near Vinces, Ecuador (Shibatta, 2003a).

***Microglanis zonatus* Eigenmann & Allen, 1942**

Microglanis zonatus Eigenmann & Allen, 1942: 89, pl. 3 (figs. 1–2). Type locality: Rio Morona (?). Holotype: CAS 17970.

Distribution: Upper Amazon River basin, Peru (Shibatta, 2003a).

***PSEUDOPIMELODUS* Bleeker, 1858**

Pseudopimelodus Bleeker, 1858b: 196, 204, 207. Type species: *Pimelodus bufonius* Valenciennes, 1840. Type by subsequent designation by Gill (1861c). Gender: Masculine.

***Pseudopimelodus bufonius* (Valenciennes, 1840)**

Pimelodus Bufonius Valenciennes, in Cuvier & Valenciennes, 1840b: 154 (115 in the Strasbourg deluxe edition). Type locality: Cayenne. Holotype: RMNH (lost).

Distribution: Rivers of northeastern South America from Lake Maracaibo basin to eastern Brazil (Shibatta, 2003a) and Magdalena and Cauca River basins, Colombia (Maldonado-Ocampo *et al.*, 2005).

***Pseudopimelodus charus* (Valenciennes, 1840)**

Pimelodus charus Valenciennes, in Cuvier & Valenciennes, 1840b: 159 (118 in the Strasbourg deluxe edition). Type locality: Rio Sabara [Brazil]. No types known; description based on an unpublished illustration, reproduced in Mees (1974, frontispiece).

Distribution: São Francisco River basin, Brazil (Shibatta, 2003a).

***Pseudopimelodus mangurus* (Valenciennes, 1835)**

Pimelodus mangurus Valenciennes, 1835, in Valenciennes, 1835–47: pl. 1 (figs. 4–6). Type locality: Río de la Plata. Possible holotype: MNHN a-8401(1), MNHN a-9417 (1). Name available from caption on plate, so illustrated specimen is the holotype, if identifiable. Described in Cuvier & Valenciennes (1840b: 156 (116 of Strasbourg deluxe edition)), with locality given as Rio-Janéiro.

Pseudopimelodus roosevelti Borodin, 1927b: 1, fig. 1. Type locality: Parassununga, Estado São Paulo, Brazil. Holotype: AMNH 8638.

Distribution: Uruguay, Paraná, Paraguay and La Plata River basins (Shibatta, 2003a).

***Pseudopimelodus pulcher* (Boulenger, 1887)**

Pimelodus (Pseudopimelodus) pulcher Boulenger, 1887c: 276, pl. 21 (fig. 1). Type locality: Canelos, e. Ecuador. Syntypes: BMNH 1880.12.8.105–107 (3).

Pseudopimelodus variolosus Miranda Ribeiro, 1914: 4, pl. 1 (fig. 2), pl. 2 (figs. 1–2). Type locality: Coxim, Rio Taquary, M. Grosso [Brazil]. Lectotype: MNRJ 818A, designated by Miranda Ribeiro (1953: 404).

Distribution: Upper Amazon River basin (Shibatta, 2003a).

***Pseudopimelodus schultzi* (Dahl, 1955)**

Zungaro zungaro schultzi Dahl, 1955: 13. Type locality: Cereté, Colombia. Holotype: Whereabouts unknown (possibly at ICNMHN).

Distribution: Magdalena River basin, Colombia (Shibatta, 2003a).

Species inquirenda, Pseudopimelodidae

Zungaro mathisoni Fernández-Yépez, 1972a: 22, pl. 41. Type locality: Río Yaracuy drainage, Venezuela. Holotype: author's personal collection; whereabouts unknown.

SCHILBIDAE Bleeker, 1858

Ailichthyoidei Bleeker, 1858b: ix, 49, 248. Type genus: *Ailia* Gray, 1830.

Schilbeini Bleeker, 1858b: 49, 250, 256. Type genus: *Schilbe* Oken, 1817.

Siluranodontinae Regan, 1911: 568. Type genus: *Siluranodon* Bleeker, 1858.

Taxonomic summaries: De Vos (1984b, 1986, Africa).

Reviews: Reizer *et al.* (1980, Senegal), De Vos (1995, Africa); De Vos (1992, West Africa).

Identification guide: Jayaram (1977, South Asia).

Key to genera: Trewavas (1943, Africa); Poll & Gosse (1994, Africa).

Remarks: Although the family group name is often spelled Schilbeidae, the spelling used here, Schilbidae, was considered to be correct by Steyskal (1980: 174) and is followed herein. The monophyly of this family, as currently populated, is unlikely. Species of the Pangasiidae and possibly *Horabagrus* may be nested within the family, and the species of *Neotropius* and *Pseudeutropius* may be more closely related to some species of the Bagridae. See Mo (1991), Pouyaud *et al.* (2000, 2004), Diogo *et al.* (2004) for details. Hardmann (2005) further suggested that African species of the Schilbidae may be more closely related to other African catfishes than to any Asian member of the Schilbidae, in which case the name Ailiidae would be the valid name for the Asian group.

14 genera, 62 species; no named fossil taxa.

AILIA Gray, 1830

Acanthonotus Gray, 1830: pl. 85 (fig. 1). Type species: *Silurus (Acanthonotus) cuvieri* Gray, 1830. Type by monotypy. Gender: Masculine. Name made available by figure caption. Originally proposed as a subgenus of *Silurus*. Subsequently published in Gray (1831: 8), but with *Acanthonotus Hardwickii* as the only included species. Pre-occupied by *Acanthonotus* Goldfuss, 1809 (and possibly earlier), in Mammalia.

Ailia Gray, 1830: pl. 85 (fig. 2). Type species: *Malapterus (Ailia) bengalensis* Gray, 1830. Type by monotypy. Gender: Feminine. Originally proposed as a subgenus of *Malapterus*. Name made available by caption of plate; text published later in Gray (1831: 8).

Ailiichthys Day, 1872: 712. Type species: *Ailiichthys punctata* Day, 1872. Type by monotypy. Gender: Masculine.

Review: Hora (1941); Jayaram (1963).

Ailia coila (Hamilton, 1822)

Malapterurus coila Hamilton, 1822: 158, 375. Type locality: Fresh water rivers of Bengal. No types known. Unpublished Hamilton illustration reproduced in Gray (1830: pl. 85, fig. 2), as *Malapterus (Ailia) bengalensis*.

Malapterus (Ailia) bengalensis Gray, 1830: pl. 85 (fig. 2). Type locality: India. No types known; name based on previously-unpublished illustration by Hamilton. Name made available by figure caption; brief diagnosis published in Gray (1831: 8), with locality stated as "Rivers Bengal."

Silurus (Acanthonotus) Cuvieri Gray, 1830: pl. 85 (fig. 1). Type locality: India. No types known. Name made available by plate legend; text published later in Gray (1831: 8), as *Acanthonotus Hardwickii*.

Acanthonotus Hardwickii Gray, 1831: 8 [pl. 85 (fig. 1), of Gray, 1830]. Type locality: India. No types known. Unneeded new name for *Silurus (Acanthonotus) Cuvieri* Gray, 1830.

Ailia affinis Günther, 1864: 56. Type locality: Kulu and Assam, India. Syntypes (3, in two lots): BMNH 1860.3.19.867–868 (2), BMNH 2005.5.17.3 (1).

Distribution: Rivers of northern India and Deccan, including Indus, Ganges, Yamuna, Brahmaputra, Mahanadi and Krishna Rivers (Jayaram, 1963).

Ailia punctata (Day, 1872)

Ailiichthys punctata Day, 1872: 713. Type locality: Jumna at and below Delhi, also in the lower Punjab rivers. Syntypes: AMS B.7570 (1), BMNH 1889.2.1.2585–87 (3), BMNH 1889.2.1.2588–90 (3), BMNH 1889.2.1.2591 (1, skeleton), BMNH 1889.2.1.2592–93 (2), NMW 47849 (1), NMW 47863 (1), RMNH 2763 (1), ZMB 11213 (1), ZSI 420 (1, lost).

Distribution: Indus, Yamuna and Ganges Rivers, northern India (Jayaram, 1963).

CLUPISOMA Swainson, 1838

Clupisoma Swainson, 1838: 347, 351, 354. Type species: *Silurus (Clupisoma) argentata* Swainson, 1839. Type by subsequent monotypy. Gender: Neuter. Originally proposed as a subgenus of *Silurus*, without any included species; first species added in Swainson (1839: 306).

Schilbeichthys Bleeker, 1858b: 255, 256. Type species: *Silurus garua* Hamilton, 1822. Type by monotypy. Gender: Masculine.

Key to species: Datta & Karmakar (1980).

Clupisoma bastari Datta & Karmakar, 1980

Clupisoma bastari Datta & Karmakar, 1980: 193, figs. 1–2. Type locality: Indravati River (a tributary of Godavari River) at Lohandigura, 33 kms west of Jagdalpur, Bastar District, Madhya Pradesh, India. Holotype: ZSI FF1342.

Distribution: Godavari River basin, Madhya Pradesh, India (Jayaram, 1999).

Clupisoma garua (Hamilton, 1822)

Silurus garua Hamilton, 1822: 156, 375, pl. 21 (fig. 50). Type locality: Fresh water rivers of the Gangetic provinces. No types known.

Silurus (Clupisoma) argentata Swainson, 1839: 306. Type locality: Fresh water rivers of the Gangetic provinces. No types known. Made available by reference to “Ham. pl. 21, f. 50” [= Hamilton, 1822: pl. 21 (fig. 50)]. Unneeded new name for *Silurus garua* Hamilton, 1822.

Distribution: Throughout northern India, but not south of the Mahanadi River, Pakistan, Bangladesh, and Nepal (Jayaram, 1999).

Clupisoma longianalis (Huang, 1981)

Platytrapius longianalis Huang, 1981: 438, fig. 5. Type locality: Puer county, Xiaoganlanba, Yunnan, China. Holotype: KIZ 735118.

Distribution: Lancangjiang [= Mekong River] (Chu *et al.*, 1999).

Clupisoma montana Hora, 1937

Clupisoma montana Hora, 1937b: 673, figs. 7–8. Type locality: Teesta River, below Darjeeling, India. Type(s): ZSI F 12472/1.

? *Pseudeutropius murius batarensis* Shrestha, 1980: 212, fig. 97. Type locality: Batar, Trisuli river, Nuwakot Dist., Bagmati Zone, Nepal. Holotype (220 mm): at Museum of Zoology Department, Institute of Science, Tribhuvan University, Nepal.

Distribution: Teesta, Jamuna and Sone Rivers, India, Nepal (Jayaram, 1999).

Clupisoma naziri Mirza & Awan, 1973

Clupisoma naziri Mirza & Awan, 1973: 152, fig. 2. Type locality: Indus River at Jinnah Barrage, Pakistan. Holotype: GCM 10.

Distribution: NWFP, Punjab, Azad Kashmir, Indus River basin, Pakistan (Mirza, 2003).

Clupisoma nujiangense Chen, Ferraris & Yang, 2005

Clupisoma nujiangense Chen, Ferraris & Yang, 2005: 566, fig. 1. Type locality: China, Yunnan Province, Baoshan City, Longling County, Mungnuo Township, Sanjiangkou, Nu Jiang (=Salween River), 24°25'18.6"N, 98°58'21'2"E. Holotype: KIZ 200310118.

Distribution: Upper Salween River, Yunnan, China (Chen *et al.*, 2005).

Clupisoma prateri Hora, 1937

Clupisoma prateri Hora, 1937b: 671, fig. 6. Type locality: Burma. Holotype: Asiatic Soc. Bengal 213 or 219 [now at ZSI].

Distribution: Lower and middle reaches of Irrawaddy River, Sittang, Bago and Salween river basins, Myanmar (Ferraris, 2004).

Remarks: Redescribed in Ferraris (2004: 6, fig. 2).

Clupisoma roosae Ferraris, 2004

Clupisoma roosae Ferraris, 2004: 2, fig. 1. Type locality: Myanmar, Kachin State, Myitkyina market. Holotype:

NRM 40030.

Distribution: Upper Irrawaddy River basin, Myanmar (Ferraris, 2004).

Clupisoma sinense (Huang, 1981)

Platytrypius sinensis Huang, 1981: 437, figs. 1–4. Type locality: Puer county, Xiaoganlanba, Yunnan, China. Holotype: KIZ 735124.

Distribution: Mekong River basin (Rainboth, 1996), including Lancangjiang (= upper Mekong River of Yunnan) (Chu *et al.*, 1999), and Malay Peninsula (Zakaria-Ismail, 1992; Kottelat, 2001b).

Remarks: Placement of this species in *Clupisoma* follows Ng (1999b) and Chen *et al.* (2005).

EUTROPIICHTHYS Bleeker, 1862

Eutropiichthys Bleeker, 1862b: 398. Type species: *Pimelodus vacha* Hamilton, 1822. Type by original designation.

Gender: Masculine. Also proposed as new in Bleeker (1862–63: 14).

Revision: Hora (1937e).

Eutropiichthys burmannicus Day, 1877

Eutropiichthys burmannicus Day, 1877 (in Day, 1875–78): 490. Type locality: Burma. Possible syntypes: ZSI B.38–39 (2), ZSI B.219 (1, lost), ZSI B.306 (1). Originally as: “Variety *Eutropiichthys burmannicus*,” in the account of *Eutropiichthys vacha*.

Distribution: Irrawaddy, lower Salween and smaller intervening river basins.

Eutropiichthys murius (Hamilton, 1822)

Pimelodus murius Hamilton, 1822: 195, 378. Type locality: Mahananda river [Bengal]. No types known. Unpublished Hamilton illustration reproduced in Hora (1929: pl. 22, fig. 2).

Pachypterus melanurus Swainson, 1839: 306. Type locality: Mahananda river [Bengal]. No types known. Unneeded new name for *Pimelodus murius* Hamilton, 1822.

Distribution: Northern India, Bangladesh and Pakistan (Jayaram, 1999).

Eutropiichthys vacha (Hamilton, 1822)

Pimelodus vacha Hamilton, 1822: 196, 378, pl. 19 (fig. 64). Type locality: Larger fresh water rivers of the Gangetic provinces. No types known.

Pachypterus punctatus Swainson, 1839: 306. Type locality: Larger fresh water rivers of the Gangetic provinces. No types known. Made available by reference to “Ham. p. 196, f. 64 ” [= Hamilton, 1822: 196, p. 19, fig. 64)]. Unneeded new name for *Pimelodus vacha* Hamilton, 1822.

Distribution: Northern India, south to the Mahanadi River, Bangladesh, Nepal and Pakistan (Jayaram, 1999).

IRVINEIA Trewavas, 1943

Irvineia Trewavas, 1943: 165. Type species: *Irvineia voltae* Trewavas, 1943. Type by monotypy. Gender: Feminine.

Irvineia orientalis Trewavas, 1964

Irvineia orientalis Trewavas, 1964: 390, figs. 1, 2, 3 b–c. Type locality: Villaggio Duca delgi Abruzzi, Uebi Scebeli (Shebeli) system. Holotype: MSNG 39551; holotype illustrated in De Vos (1995: 358, fig. 226).

Distribution: Juba-Uebi Shebeli system (De Vos, 1995).

Irvineia voltae Trewavas, 1943

Irvineia voltae Trewavas, 1943: 165, fig. 1. Type locality: Above the Senchi Rapids, River Volta, Gold Coast. Syntypes (3): BMNH 1944.2.9.19–21 (3); one syntype illustrated in De Vos (1995: 362, fig. 229).

Distribution: lower Volta River basin (De Vos, 1995).

LAIDES Jordan, 1919

Lais Bleeker, 1857b: 473. Type species: *Pangasius hexanema* Bleeker, 1852. Type by monotypy. Gender: Masculine. Preoccupied by *Lais* Gistel, 1848, in Tunicata, replaced by *Laides* Jordan, 1919.

Laides Jordan, 1919b: 293. Type species: *Pangasius hexanema* Bleeker, 1852. Type by being a replacement name. Gender: Masculine. Replacement for *Lais* Bleeker, 1857; preoccupied by *Lais* Gistel, 1848, in Tunicata.

Laides hexanema (Bleeker, 1852)

Pangasius hexanema Bleeker, 1852d: 588. Type locality: Palembang, Batavia. Syntypes (2, 102–152 mm TL): pos-

sibly BMNH 1863.12.4.1007 (1, 157 mm TL), NMV A928 (1).

Distribution: Thailand to Indonesia, in large rivers, including the Mekong (Rainboth, 1996).

Laides longibarbis (Fowler, 1934)

Pangasius longibarbis Fowler, 1934a: 87, fig. 27. Type locality: Me Kong at Chieng Sen, North Siam. Holotype: ANSP 59441.

Distribution: Mekong, Mehklong, and Chao Phraya River basins (Ng, 1999b).

Remarks: Redescribed by Ng (1999b).

NEOTROPIUS Kulkarni, 1952

Pachypterus Swainson, 1838: 346 et seq. Type species: *Silurus atherinoides* Bloch, 1794. Type by subsequent designation by Swain (1882: 281). Gender: Masculine. Originally without any included species. Species first added in Swainson (1839: 306).

Neotropius Kulkarni, 1952: 231. Type species: *Neotropius khavalchor* Kulkarni, 1952. Type by monotypy. Gender: Masculine.

Review: Hora (1941).

Remarks: Swain (1882: 281) and (following Swain) Jordan (1919a: 205) treated *Pachypterus* Swainson as preoccupied in Coleoptera, presumably basing their decision on the following notation in Agassiz (1846: 271): “*Pachypterus Sol. Col.*, 1833.” However, it appears that Agassiz was referring to usage of the name in Dejean, 1834, in which a manuscript by Solier was cited as the source of *Pachypterus*. According to Neave (1940: 515) Dejean’s use of the name was as a *nomen nudum* and *Pachypterus* was not used in a way that would have made it available in Coleoptera until Lucas, 1846, which postdates the first proposal of *Pachypterus*. However, the writings of Swain and Jordan may have stifled use of *Pachypterus* Swainson as valid, and the younger name *Neotropius*, which has been in widespread usage for the past one-half century, is used here. The species listed below are similar overall to those of *Pseudeutropius* and the two genera may not both represent natural groups.

Neotropius acutirostris (Day, 1870)

Pseudeutropius acutirostris Day, 1870c: 618. Type locality: Throughout Burma. Syntypes: AMS B.7967 (1), BMNH 1889.2.1.2413 (1), BMNH 1889.2.1.2462 (1), NMW 48327 (1), ZSI F484 (1), ZSI A.505 (1 lost).

Distribution: Irrawaddy, Sittang, and Bago Rivers, Myanmar.

Neotropius atherinoides (Bloch, 1794)

Silurus atherinoides Bloch, 1794: 48, pl. 371 (fig. 1). Type locality: Tranquebar. Holotype: ZMB 3013.

Pimelodus angius Hamilton, 1822: 180, 377, pl. 29 (fig. 59). Type locality: Rivers of Bengal. No types known.

Pimelodus urua Hamilton, 1822: 177, 377. Type locality: Rivers and ponds of the northern parts of Bengal. No types known. Unpublished Hamilton illustration reproduced in Hora (1929: pl. 21, fig. 4).

Pachypterus trifasciatus Swainson, 1839: 306. Type locality: Rivers of Bengal. No types known. Name made available by reference to “Ham. P. 180, f. 59” [= Hamilton (1822: 180, pl. 29, fig. 59)]. Unneeded new name for *Pimelodus angius* Hamilton, 1822.

Pseudeutropius atherinoides walkeri Chaudhuri, 1912: 444, pl. 41 (fig. 3). Type locality: Siripur, Saran, Bihar [North India]. Syntypes (2): at ZSI. Originally as *Pseudeutropius atherinoides* var. *walkeri*.

Distribution: Widely distributed in India, except for Assam and Kerala; also in Pakistan, Nepal, and Bangladesh (Jayaram, 1999).

Neotropius khavalchor Kulkarni, 1952

Neotropius khavalchor Kulkarni, 1952: 232, fig. 1. Type locality: Panchaganga River, near Kolhapur, Bombay State, India. Holotype: ZSI F647/2.

Distribution: Krishna River basin, Maharashtra and Andhra Pradesh, India (Jayaram, 1999).

Species inquirenda, Neotropius

Bagrus Exodon Cuvier & Valenciennes, in Valenciennes, 1832b: 385, pl. 4 (fig. 1). Type locality: Bengal. Syntypes: MNHN a-8960 (2), MNHN b-0680 (1). Also in Cuvier & Valenciennes (1840a: 395).

PARAILIA Boulenger, 1899

Parailia Boulenger, 1899b: 105. Type species: *Parailia congica* Boulenger, 1899. Type by monotypy. Gender: Feminine.

Physailia Boulenger, 1901e: 445. Type species: *Physailia pellucida* Boulenger, 1901. Type by monotypy. Gender: Feminine.

Parailia congica Boulenger, 1899

Parailia congica Boulenger, 1899b: 106, pl. 41 (fig. 2). Type locality: Ebinga (rivière du lac Léopold II). Lectotype: MRAC 942, designated by De Vos (1995: 297).

Parailia longifilis Boulenger, 1902d: 37, pl. 10 (fig. 3). Type locality: l'Ubangi à Banzyville. Lectotype: MRAC 1309 (1), designated by De Vos (1995: 295).

Distribution: Congo River basin (De Vos, 1995).

Parailia occidentalis (Pellegrin, 1901)

Ailia occidentalis Pellegrin, 1901: 331. Type locality: Cap Lopez, Congo français. Holotype: MNHN 1885-0404.

Physailia ansorgii Boulenger, 1910: 557. Type locality: Quanza River at Cunga, Angola. Syntypes (2): BMNH 1911.6.1.107 (1), NMW 45490 (1); NMW syntype illustrated in De Vos (1995: 305, fig. 208).

Physailia villiersi Boulenger, 1912b: 17, pl. 17 (fig. 6). Type locality: de la Lucala près de Cabinda, du Chiloango à Mayili, de la Luali à Lundo, et de la Luculla. Syntypes: ANSP 38756–58 (3), BMNH 1912.4.1.419–420 (2), BMNH 1912.4.1.421 (1), BMNH 1912.4.1.422–424 (3), BMNH 1912.4.1.425–429 (5), FMNH 56151 (2), MRAC 1656–1659 (4), MRAC 1660–1661 (2), MRAC 1662 (1), NMW 45489 (16), ZMB 18818 (9).

Distribution: Ogowe, Congo, Quanza, Luculla, Chiloango Rivers (De Vos, 1995).

Parailia pellucida (Boulenger, 1901)

Physailia pellucida Boulenger, 1901e: 445. Type locality: Omdurman, Nile River. Syntypes (numerous): BMNH 1907.12.2.1942–1956 (14 or 15), BMNH 1907.12.2.1940–1941 (2), ? MCZ 32074 (1), MNHN 1907-0215 (3), MNHN 1907-0216 (3).

Distribution: Nile River, Chad Basin, several west African river basins (De Vos, 1995).

Parailia somalensis (Vinciguerra, 1897)

Ailia somalensis Vinciguerra, 1897: 346. Type locality: Lugh, Fl. Ganana, Somaliland. Syntypes: BMNH 1961.5.3.12 (1), MSNG 14612 (4); one MSNG syntype illustrated in de Vos (1995: 321, fig. 212).

Physailia somalensis tanensis Whitehead, 1962a: 101, fig. 2. Type locality: Tana River at Hola, Kenya. Holotype: BMNH 1961.5.3.7.

Distribution: Ganana and lower Tana Rivers (De Vos, 1995).

Parailia spiniserrata Svensson, 1933

Parailia spiniserrata Svensson, 1933: 73, pl. 4 (fig. 2); fig. 24. Type locality: MacCarthy Island Area, Gambia River, British West Africa. Syntypes (about 25): NRM 11144 (4), NRM 14453 (1), NRM 14454 (8), NRM 21144 (2), NRM 31144 (1), NRM 31145 (1), NRM 31146 (4), NRM 31147 (1); one syntype illustrated in De Vos (1995: 326, fig. 215).

Distribution: Gambia, Geba, and Jong River basins (De Vos, 1995).

PAREUTROPIUS Regan, 1920

Ansorgia Boulenger, 1912b: 17. Type species: *Ansorgia vittata* Boulenger, 1912. Type by monotypy. Gender: Feminine. Preoccupied by *Ansorgia* Warren, 1899, in Lepidoptera; replaced by *Ansorgüichthys* Whitley, 1935.

Pareutropius Regan, 1920a: 105. Type species: *Pareutropius micristius* Regan, 1920. Type by monotypy. Gender: Masculine.

Eutropiellus Nichols & La Monte, 1933b: 5. Type species: *Eutropiellus kasai* Nichols & La Monte, 1933. Type by original designation. Gender: Masculine.

Ansorgüichthys Whitley, 1935: 249. Type species: *Ansorgia vittata* Boulenger, 1912. Type by being a replacement name. Gender: Masculine. Replacement for *Ansorgia* Boulenger, 1912; preoccupied by *Ansorgia* Warren, 1899, in Lepidoptera.

Revision: Thys van den Audenaerde (1964, as *Eutropiellus*).

Pareutropius buffei (Gras, 1961)

Eutropiellus buffei Gras, 1961: 406, fig. 3. Type locality: Bas-Ouémé, Bas-Dahomey. Syntypes (5): Lab. d'Hydrobiol. Cotonou, Benin (1), MNHN 1958-0001 (4).

Eutropiellus vandeweyeri Thys van den Audenaerde, 1964: 225, fig. 3. Type locality: Environment de Aba, Lower Nigeria Delta, Nigeria. Holotype: MRAC 140281.

Distribution: Lower Ouémé River, Cross and Niger Rivers (De Vos, 1995).

Pareutropius debauwi (Boulenger, 1900)

Eutropius debauwi Boulenger, 1900a: 138, pl. 50 (fig. 2). Type locality: Uerre. Syntypes: BMNH 1900.12.13.8 (1), MRAC 347 (1).

Ansorgia vittata Boulenger, 1912b: 17, pl. 19 (fig. 2). Type locality: Lower Congo. Syntypes: ANSP 38734–35 (2), BMNH 1912.4.1.414 (1), BMNH 1912.4.1.415–417 (3), BMNH 1912.4.1.418 (1, skeleton), MRAC 1653 (1), MRAC 1654 (1), MRAC 1655 (1), ZMB 18817 (1). Name as *Ansorgia vitata* on p. 17, *A. vittata* on plate legend (p. 28) and on plate; De Vos (1986: 37) cited both spellings and used *Ansorgia vittata*, thereby acting as first reviser.

Ansorgia vittata bistriata Giltay, 1930b: 393, fig. 1. Type locality: Buta. Holotype: MRAC 20584.

Eutropiellus kasai Nichols & La Monte, 1933b: 5, fig. 4. Type locality: Luluabourg, Kasai, Belgian Congo. Holotype: AMNH 12338.

Distribution: Congo River system, Chiloango River, the Kouilou and Ogowe Rivers (De Vos, 1995).

Pareutropius longifilis (Steindachner, 1914)

Eutropius longifilis Steindachner, 1914: 537. Type locality: Deutsch-Ostafrika [Kiperege]. Syntypes: NMW 46507 (2). Species illustrated and described in more detail in Steindachner (1915d: 75, pl. 3, fig. 2), with locality as: Wasserlauf bei dem Dorfe Kiperege; one syntype illustrated in De Vos (1995: 347, fig. 222).

Pareutropius micristius Regan, 1920a: 105. Type locality: Tanganyika Territory, Morogoro. Syntypes (7): BMNH 1920.3.8.10–12 (3).

Distribution: eastward flowing rivers north of the Ruvuma, Lake Chiuta, Ruvuma system, Lake Chilwa (De Vos, 1995).

Pareutropius mandevillei Poll, 1959

Pareutropius mandevillei Poll, 1959: 92, pl. 16 (fig. 4a). Type locality: Stanley Pool. Holotype: MRAC 98387.

Distribution: Congo River basin (De Vos, 1995).

PLATYTROPIUS Hora, 1937

Platytrapius Hora, 1937a: 352. Type species: *Pseudeutropius siamensis* Sauvage, 1883. Type by original designation. Gender: Masculine.

Nemasiluroides Fowler, 1937: 137. Type species: *Nemasiluroides furcatus* Fowler, 1937. Type by original designation. Gender: Masculine.

Remarks: *Platytrapius* Hora was published in January, 1937, and therefore has priority over *Nemasiluroides* Fowler, 1937, which was published on 19 May, 1937. A second paper by Hora (1937c: 39) which has been cited as the original proposal of *Platytrapius* (e. g., Eschmeyer, 1990) was not published until November, 1937.

Platytrapius siamensis (Sauvage, 1883)

Pseudeutropius siamensis Sauvage, 1883b: 154. Type locality: Mé-Nam, Siam. Holotype: MNHN a-5002.

Nemasiluroides furcatus Fowler, 1937: 138, figs. 16–19. Type locality: Bangkok, Siam. Holotype: ANSP 67893.

Distribution: Chao Phraya River basin, Thailand.

PROEUTROPIICHTHYS Hora, 1937

Proeutropiichthys Hora, 1937a: 353. Type species: *Eutropius macrophthalmos* Blyth, 1860. Type by original designation. Gender: Masculine.

Review: Hora (1941).

? ***Proeutropiichthys buchanani*** (Valenciennes, 1840)

Bagrus Buchanani Valenciennes, 1840, in Jacquemont, 1835–44: pl. 16 (fig. 3). Type locality: Hindustan, India. Holotype: MNHN a-5721(1 of 3) or MNHN a-5722 (1 of 3). Name made available by figure caption.

Distribution: Hindustan, India.

Remarks: Illustrated specimen should be treated as the holotype, if identifiable from among the specimens listed herein. Inclusion into *Proeutropiichthys* based on personal observation of types.

? *Proeutropiichthys goongwaree* (Sykes, 1839)

Hypophthalmus Goongwaree Sykes, 1839: 163. Type locality: the Mota Mola near Poona, India. No types known. Also described as new in Sykes (1840: 60); illustrated and described in more detail in Sykes (1841: 369, pl. 64, fig. 3).

Distribution: Southern India (Jayaram, 1999).

Remarks: Placed in *Pseudeutropius* by Günther (1864) and Day (1875–78), then into *Eutropiichthys* by Hora (1937e), where it has remained until now. However, the described species and illustrations are clearly not of a species of either of these genera and more likely that of a species of *Proeutropiichthys*.

Proeutropiichthys macrophthalmos (Blyth, 1860)

Eutropius macrophthalmos Blyth, 1860: 156. Type locality: Tenasserim [Myanmar]. Type(s): Whereabouts unknown. *Proeutropiichthys taakree burmanicus* Tilak, 1982: 35, figs. 1, 3, 5. Type locality: Burma. Holotype: ZSI FF771.

Distribution: Irrawaddy, Sittang, and Bago River basins, Myanmar.

Proeutropiichthys taakree (Sykes, 1839)

Hypophthalmus taakree Sykes, 1839: 163. Type locality: Deccan, India. No types known. Also described as new in Sykes (1840: 60); illustrated and described more fully in Sykes (1841: 369, pl. 64, fig. 4).

Schillee Sykesii Jerdon, 1849: 335. Type locality: Cavery River, southern India. No types known.

Pseudeutropius longimanus Günther, 1864: 60. Type locality: India. Holotype: BMNH 1857.6.13.88 (skin).

Pseudeutropius megalops Günther, 1864: 60. Type locality: Godaveri at Mahadespur, Orissa, Central India. Holotype: BMNH 1860.3.19.784.

Distribution: Western Ghats, Kerala, Maharashtra, India (Jayaram, 1999).

PSEUDEUTROPIUS Bleeker, 1862

Pseudeutropius Bleeker, 1862b: 398. Type species: *Eutropius brachyopterus* Bleeker, 1858. Type by original designation. Gender: Masculine. Also in Bleeker (1862–63: 14, 74).

Pseudeutropius brachyopterus (Bleeker, 1858)

Eutropius brachyopterus Bleeker, 1858b: 169. Type locality: Palembang [Sumatra]. Holotype (115 mm TL): Whereabouts unknown; holotype illustrated in Bleeker (1862–63: 71, pl. 75 [= Silur. pl. 27], fig. 1).

Distribution: Kapuas River (Roberts, 1989a); Sumatra.

Pseudeutropius mitchelli Günther, 1864

Pseudeutropius mitchelli Günther, 1864: 59. Type locality: Madras Presidency [India]. Syntypes: BMNH 1863.12.18.134–135 (2).

Distribution: Kerala, India (Jayaram, 1999).

Pseudeutropius moolenburghae Weber & de Beaufort, 1913

Pseudeutropius moolenburghae Weber & de Beaufort, 1913: 249, fig. 100. Type locality: Sumatra (Batang Hari river) [Indonesia]. Syntypes: AMNH 9283 (1), ZMA 112681 (6).

Distribution: Batang Hari River, Sumatra (Weber & de Beaufort, 1913); Kapuas River (Roberts, 1989a).

SCHILBE Oken, 1817

Schilbe Oken, 1817: 1183. Type species: *Silurus mystus* Linnaeus, 1758. Type by monotypy. Gender: Masculine.

Pusichthys Swainson, 1838: 348, et seq. Type species: *Schilbe uranoscopus* Rüppell, 1832. Type by subsequent monotypy. Gender: Masculine. Originally proposed as a subgenus of *Silurus*, without any included species. Species first added in Swainson (1839: 307).

Eutropius Müller & Troschel, 1849: 6. Type species: “*Bagrus schilboides* Val. (*Hypophthalmus niloticus* Rüppell)” [= *Bagrus schilbeides* Valenciennes, 1840]. Type by monotypy. Gender: Masculine. Originally proposed as a subgenus of *Bagrus*.

Proeutropius Fowler, 1936b: 307. Type species: *Silurus congensis* Leach, 1818. Type by original designation. Gender: Masculine. Originally proposed as a subgenus of *Eutropius*.

Review: De Vos & Lévêque (1983), west Africa (as *Eutropius*).

Key: De Vos (1984a) Quanza and Bengo rivers, Angola (as *Eutropius*).

Schilbe angolensis (De Vos, 1984)

Eutropius angolensis De Vos, 1984a: 13, figs. 4, 5d. Type locality: Quanza river at Quimbango, Angola, 10°51'S, 17°30'E. Holotype: MRAC 78-6-P-899.

Distribution: Upper Quanza River, Angola (De Vos, 1995).

Schilbe banguelensis (Boulenger, 1911)

Eutropius banguelensis Boulenger, 1911a: 282, fig. 231. Lake Bangwelu. Holotype: BMNH 1907.9.30.8.

Eutropius nasalis Boulenger, 1915: 169. Type locality: Lac Moero. Lectotype: MRAC 14163; lectotype designated by, and illustrated in, De Vos (1995: 124, fig. 158, bottom) as lectoholotype.

Distribution: Chambezi River, Lake Bangweulu, Luapula River and Lake Mweru (De Vos, 1995).

Schilbe bocagii (Guimarães, 1884)

Eutropius Bocagii Guimarães, 1884a: 85, unnumbered pl. Type locality: Dondo (Quanza fl.), Angola. Holotype: MB (destroyed, De Vos, 1995: 128). Illustration of holotype reproduced in De Vos (1984a: 5, fig. 1a).

Eutropius ansorgii Boulenger, 1910: 555. Type locality: Quanza River at Cunga, Angola. Syntypes (3): BMNH 1911.6.1.100–101 (2), NMW 46502 (1).

Eutropius seraoui Boulenger, 1910: 556. Type locality: Bengo River and from the Lucalla River at Lucalla, Angola. Syntypes (10): ANSP 37956 (1), BMNH 1911.6.1.102–105 (4), BMNH 1911.6.1.106 (1), NMW 46524 (2), ZMB 18226 (1); one NMW syntype illustrated in De Vos (1984a: fig. 3, and 1995: 129, fig. 160f).

Eutropius eclipsis Fowler, 1919b: 270, fig. 12. Type locality: Quanza River at Cunga, Angola. Holotype: USNM 42342. Illustration of holotype reproduced in De Vos (1984a: 5, fig. 1b).

Distribution: Lower Quanza River and Bengo Rivers, Angola (De Vos, 1995).

Schilbe brevianalis (Pellegrin, 1929)

Eutropius brevianalis Pellegrin, 1929b: 362. Type locality: Dehane (Nyong), Cameroun. Syntypes: MNHN 1928-0354 (1), MNHN 1928-0355 (1).

Distribution: coastal rivers in Nigeria and Cameroon (De Vos, 1995).

Schilbe congensis (Leach, 1818)

Silurus Congensis Leach, in Tuckey, 1818: 409. Type locality: Lower Congo. Holotype: BMNH 2005.5.17.6.

Eutropius congoensis Boulenger, 1899b: 105. Type locality: Lower Congo. Holotype: BMNH 2005.5.17.6. Unjustified emendation of *Silurus congensis* (De Vos, 1995).

Eutropius congolensis Boulenger, 1901a: 268. Type locality: Lower Congo. Holotype: BMNH 2005.5.17.6. Unjustified emendation of *Silurus congensis* Leach, 1818.

Distribution: Congo River system (De Vos, 1995).

Schilbe djemeri (Thys van den Audenaerde & De Vos, 1982)

Eutropius djemeri Thys van den Audenaerde & De Vos, 1982: 179, figs. 1–2. Type locality: River Djerem, below falls at the rapids, 6–7 km south of Mbakaou, Cameroon. Holotype: MRAC 73-18-P-2310.

Distribution: Upper Sanaga River basin, Cameroon (De Vos, 1995).

Schilbe durinii (Gianferrari, 1932)

Eutropius Durinii Gianferrari, 1932: 141. Type locality: Lago Tanganyika. Holotype: MSNM 36; illustrated in De Vos (1995: 146, fig. 169).

Distribution: Unknown (De Vos, 1995).

Remarks: Validity of species questioned by De Vos (1986, 1995), who indicated that the type locality is almost certainly wrong.

Schilbe grenfelli (Boulenger, 1900)

Eutropius grenfelli Boulenger, 1900a: 137, pl. 50 (fig. 1). Type locality: Bolobo. Holotype: BMNH 1900.6.23.6.

Eutropius gastratus Nichols & Griscom, 1917: 708, fig. 20. Type locality: Rungu, Congo. Holotype: AMNH 6404.

Eutropius bomae Lönnberg & Rendahl, 1922: 126. Type locality: Boma, lower Congo. Holotype: NRM 6024.

Distribution: Congo River basin, Ogowe, Nyanga, and Ntem-Campo River basins, Nyong and Lokondje basins (De Vos, 1995).

Schilbe intermedius Rüppell, 1832

Schilbe intermedius Rüppell, 1832: 6. Type locality: Nil. Syntypes: BMNH 1850.7.29.14 (1), SMF 202 (1), SMF

2625 (1, dry), SMF 6403 (1, skeleton). BMNH specimen illustrated by Seegers (1996: 184, fig. 129) as holotype.

Schilbe auratus Joannis, 1835: [Cl. IV, pl. 5]. Type locality: Nil. Possible holotype: MNHN b-0346.

Schilbe Senegallus Valenciennes, in Cuvier & Valenciennes, 1840a: 378 (281 of Strasbourg deluxe edition). Type locality: Sénégal. Syntypes (huit pouces): at MNHN.

Bagrus depressirostris Peters, 1852: 682. Type locality: Mozambique. Syntypes: BMNH 1863.4.30.15 (1), ZMB 3015 (2), ZMB 3016 (1). Illustrated and described in more detail in Peters (1868c: 25, pl. 4, fig. 5) as *Eutropius depressirostris*.

Schilbe dispila Günther, 1864: 51. Type locality: River Niger, West Africa; Upper Nile, 500 miles south of Chartoum. Syntypes: BMNH 1852.2.22.17 (1), BMNH unregistered (2).

Schilbe senegalensis Günther, 1864: 51. Type locality: Senegal. Syntypes: at MNHN (not found). Unjustified emendation of *Schilbe senegallus* Valenciennes, 1840.

Schilbe senegalensis fasciata Steindachner, 1870: 983, pl. 6 (figs. 1–2). Type locality: Senegal bei St. Louis, Dagana, Podor, und Bakel. Syntypes: NMW 44579–81 (61). Originally as *Schilbe senegalensis* var. *fasciata*.

Schilbe steindachneri Guimaraes, 1884b: 1, pl. 1 (figs. 1–2). Type locality: Cunene. Holotype: MB (destroyed; De Vos, 1995: 162).

Schilbe bouvieri Rochebrune, 1885: 95. Type locality: [Casamance R., Senegal, w. Africa]. Type(s): at Museo Bouvieri.

Schilbe Emini Pfeffer, 1896: 32. Type locality: Muhale-Bach, Uniamwesi. Holotype: ZMB 12851.

Eutropius lemairii Boulenger, 1900a: 138, pl. 50 (fig. 3). Type locality: Lofoi, Katanga. Syntypes: BMNH 1900.12.13.24 (1), MRAC 293 (1).

Schilbe palmeri Svensson, 1933: 71, pl. 3 (fig. 4). Type locality: Gambia River, Mc Carthy Island area. Syntypes: NRM 11145 (3), NRM 14452 (1), NRM 21145 (1).

Distribution: Widely distributed in Sub-Saharan Africa (De Vos, 1995).

Remarks: See De Vos & Skelton (1990) for discussion of validity and correct name of the species.

Schilbe laticeps (Boulenger, 1899)

Eutropius laticeps Boulenger, 1899b: 105, pl. 41 (fig. 3) [not fig. 2 as stated in text]. Type locality: Kutu, Lac Léopold II. Holotype: MRAC 941.

Distribution: Congo River basin (De Vos, 1995).

Schilbe mandibularis (Günther, 1867)

Eutropius mandibularis Günther, 1867b: 112. Type locality: Bossumprah River, Gold Coast. Holotype: deposited at Liverpool Museum. Holotype considered to be lost by Boulenger (1911: 290) and Trewavas (1943: 168).

Eutropius liberiensis Hubrecht, 1881: 69. Type locality: St. Paul's River, Liberia. Holotype: RMNH 5328.

Eutropius mentalis Boulenger, 1901a: 269. Type locality: River Prah, Gold Coast. Syntypes: BMNH 1899.12.22.8–10 (3).

Distribution: West Africa, from the St. Paul to the Prah River (De Vos, 1995).

Remarks: See De Vos (1983) for comments on taxonomy.

Schilbe marmoratus Boulenger, 1911

Schilbe marmoratus Boulenger, 1911f: 222. Type locality: la rivière Sankuru (Kasaï). Holotype (70 mm): at MHNL.

Schilbe congolensis Steindachner, 1912: 445. Type locality: Moloundou, Dscha, Kamerun. Syntypes: NMW 10698–99 (2). Species described in more detail in Steindachner (1913: 30). Preoccupied in *Schilbe* by *Eutropius congolensis* Boulenger, 1901.

Distribution: Congo River basin and Shiloango system (De Vos, 1995).

Schilbe micropogon (Trewavas, 1943)

Eutropius micropogon Trewavas, 1943: 168. Type locality: River Volta, Gold Coast. Syntypes (3): BMNH 1944.2.9.16–17 (2), BMNH 1944.2.9.18 (1).

Distribution: lower course of west African rivers, from Senegal to Cameroon (De Vos, 1995).

Schilbe moebiusii (Pfeffer, 1896)

Eutropius möbiusii Pfeffer, 1896: 30. Type locality: Kingani-Fluss. Syntypes: ZMB 13680 (8, ? now 3); one syntype illustrated in De Vos (1995: 235, fig. 185).

Eutropius moebii Boulenger, 1911a: 293. Type locality: Kingani -Fluss. Syntypes: ZMB 13680 (8, ? now 3). Unjustified emendation of *Eutropius möbiusii* Pfeffer, 1896.

Distribution: Coastal rivers of Tanzania, including the Kingani, Rufiji, and Wani basins (De Vos, 1995).

Schilbe multitaeniatus (Pellegrin, 1913)

Eutropius multitaeniatus Pellegrin, 1913b: 273. Type locality: l'Ogôoué (Ngomo). Syntypes: MNHN 1908-0230 (1), MNHN 1908-0231 (1), MNHN 1913-0266 (1).

Eutropius multilineatus Boulenger, 1916: 293. Unjustified emendation of *Eutropius multitaeniatus* Pellegrin, 1913 (de Vos, 1995).

Eutropius cameronensis Pellegrin, 1929b: 361. Type locality: Akonolinga (Nyong), ... Mfida (Nyong), ... Nyabessan (Ntem); Cameroun. Syntypes: MNHN 1928-0351 (1), MNHN 1928-0352 (1), MNHN 1928-0353 (1).

Distribution: Dja, Nyong, Igowe, Nyang, and N'dogo Rivers (De Vos, 1995).

Remarks: See De Vos (1983) for comments on taxonomy.

Schilbe mystus (Linnaeus, 1758)

Silurus mystus Linnaeus, 1758: 305. Type locality: In Nilo. Holotype: NRM 70; illustrated in De Vos (1995: 247, fig. 191).

Hypophthalmus niloticus Rüppell, 1829: 6, pl. 1 (fig. 1). Type locality: Nil. Syntypes: BMNH 1850.7.29.16 (1), possibly RMNH 2985 (1), SMF 752 [or 725] (1), SMF 2637 (1, dry), SMF 6050 (1, skeleton), SMF 6051 (1, skeleton), SMF 6053 (1).

Bagrus Adansonii Valenciennes, in Cuvier & Valenciennes, 1840a: 391 (290 of Strasbourg deluxe edition), pl. 414. Type locality: Sénégal. Holotype: MNHN a-8670 (dry).

Schilbe Hasselquistii Valenciennes, in Cuvier & Valenciennes, 1840a: 377 (280 of Strasbourg deluxe edition). Type locality: Nil. Holotype: MNHN b-0599.

Bagrus schilbeides Valenciennes, in Cuvier & Valenciennes, 1840a: 389 (289 of Strasbourg deluxe edition). Type locality: Nil. Syntypes: MNHN b-0600 (1), MNHN b-0601 (1). Unneeded new name for *Hypophthalmus niloticus* Rüppell, 1829.

Eutropius obtusirostris Günther, 1864: 53. Type locality: India [in error]. Syntypes: BMNH 1842.3.26.28–29 (2).

Eutropius altipinnis Steindachner, 1894: 57, pl. 1 (fig. 1). Type locality: St. Paul -Flusse, bei Soforch Place. Syntypes: NMW 46501 (1), RMNH 5397 (2).

Distribution: Nile River basin and West Africa (De Vos, 1995).

Remarks: De Vos & Skelton (1990: 324, fig. 1) illustrated the holotype of *Silurus mystus* Linnaeus, and discussed nomenclatural history of the specimen but, unfortunately, mislabeled the photographed specimen as NRM 63 (rather than the correct number: NRM 70). De Vos (1995) concluded that *Eutropius obtusirostris* types probably originated in West Africa.

Schilbe nyongensis (De Vos, 1981)

Eutropius nyongensis De Vos, 1981: 968, fig. 4. Type locality: Nyong river, above falls at 12 km. S.-E. of Eseka, Cameroon. Holotype: MRAC 75-4-P-43.

Distribution: Nyong River, Cameroon, known only from type locality (De Vos, 1995).

Schilbe tumbanus (Pellegrin, 1926)

Eutropius tumbanus Pellegrin, 1926: 203. Type locality: Tondu (Lac Tumba); Congo belge. Syntypes (7): MNHN 1926-0161(1), MNHN 1926-0162 (1), MNHN 1926-0163 (1), MRAC 19685-86 (1), MRAC 19686 (1), MRAC 19687 (1), MRAC 19688 (1).

Distribution: Middle Congo River basin, abundant in Lake Tumba (De Vos, 1995).

Schilbe uranoscopus Rüppell, 1832

Schilbe uranoscopus Rüppell, 1832: 4, pl. 1 (fig. 1). Type locality: Ägypten, Nil bei Cairo. Lectotype: BMNH 1850.7.29.22, designated by De Vos (1986: 45).

Schilbe Isidori Valenciennes, in Cuvier & Valenciennes, 1840a: 375 (278 of Strasbourg deluxe edition), pl. 412. Type locality: Egypte. Syntypes (no larger than 10 pouces): at MNHN.

Distribution: Nile River basin, Turkana system, Chad basin, Niger system, and Cross River (De Vos, 1995).

Schilbe yangambianus (Poll, 1954)

Eutropius yangambianus Poll, 1954: 61, fig. 4. Type locality: riv. Lubulu Iles du fleuve. Holotype: MRAC 123625.

Distribution: Congo River basin and one location in upper Zambezi River (Skelton, 1993; De Vos, 1995).

Schilbe zairensis De Vos, 1995

Schilbe zairensis De Vos, 1995: 285, fig. 201. Type locality: Lemfu, Inkisi River, Lower Zaire Basin, Zaire, ca. 5°18'S, 15°13'E. Holotype: MRAC 86-21-P-98.

Distribution: Lower Congo River basin (De Vos, 1995).

SILONIA Swainson, 1838

Silonia Swainson, 1838: 345 et seq. Type species: *Ageniosus (Silonia) lurida* Swainson, 1838. Type by monotypy.

Gender: Feminine. Originally proposed as a subgenus of *Ageniosus*.

Silundia Valenciennes, in Cuvier & Valenciennes, 1840b: 48 (36 of Strasbourg deluxe edition). Type species: *Silundia gangetica* Valenciennes, 1840. Type by subsequent designation by Bleeker (1862b: 399). Gender: Feminine.

Silondia Günther, 1864: 65. Type species: *Silundia gangetica* Valenciennes, 1840. Unjustified emendation of *Silundia* Valenciennes, 1840. Gender Feminine.

Silonopangasius Hora, 1937a: 352. Type species: *Ageneiosus childreni* Sykes, 1839. Type by original designation.

Gender: Masculine.

Silonia childreni (Sykes, 1839)

Ageneiosus childreni Sykes, 1839: 165. Type locality: Deccan, India. No types known. Also proposed as new in Sykes (1840: 62). Illustrated and described in more detail in Sykes (1841: 375, pl. 66, fig. 3).

Silundia Sykesii Day, 1876: 569. Type locality: Deccan and Kurnool, India. Syntypes: AMS B.8084 (1), NMW 44624 (1), ZSI F1230 (1). Originally as “*Silundia Sykesii*, n.s.? = ? *Ageneiosus Childreni*, Sykes, Bleeker, & Jerdon.”

Distribution: Cauvery, Godavari and Krishna River basins, India (Jayaram, 1999).

Silonia silondia (Hamilton, 1822)

Pimelodus silondia Hamilton, 1822: 160, 375, pl. 7 (fig. 50). Type locality: Gangetic estuaries. No types known.

Ageniosus (Silonia) lurida Swainson, 1838: 345, fig. 85. Type locality: Gangetic estuaries. No types known. Name made available to reference to Ham. pl. 7 fig. 50 [= Hamilton, 1822, pl. 7, fig. 50]. Unneeded new name for *Pimelodus silondia* Hamilton.

Silundia Gangetica Valenciennes, in Cuvier & Valenciennes, 1840b: 49 (36 of Strasbourg deluxe edition), pl. 426. Unneeded new name for *Pimelodus silondia* Hamilton, 1822, apparently to avoid tautonymy.

Distribution: Northern India, Bangladesh, Myanmar and Nepal (Jayaram, 1999).

Remarks: Redescribed in Hora (1938a).

SILURANODON Bleeker, 1858

Siluranodon Bleeker, 1858b: 253, 255, 256. Type species: *Silurus auritus* Geoffroy St. Hilaire, 1809. Type by monotypy. Gender: Masculine.

Siluranodon auritus (Geoffroy Saint-Hilaire, 1809)

Silurus auritus Geoffroy Saint-Hilaire, 1809: pl. 11 (figs. 1–2). Type locality: fl. Nil, Egypt. Possible holotype or syntypes: MNHN a-8954 (4), MNHN a-8956 (1). Name available from caption on plate, with illustrated specimen the holotype, if identifiable. Description of species in Geoffroy St. Hilaire (1827: 291–299).

Distribution: Nile, Chad, Niger, Volta, Comoe Rivers (De Vos, 1995).

Genus inquirendum, Schilbidae

Schillee Jerdon, 1849: 335. Type species: apparently not designated; name based on two species. Name credited to Cuvier, which may refer to *Schilbe*, but included species belong to two other genera.

SCOLOPLACIDAE Bailey & Baskin, 1976

Scoloplacinae Bailey & Baskin, 1976: 5. Type genus: *Scoloplax* Bailey & Baskin, 1976.

Revision: Schaefer *et al.* (1989).

Phylogeny: Schaefer (1990).
Taxonomic summary: Schaefer (2003a).
1 genus, 4 species; no named fossil taxa.

SCOLOPLAX Bailey & Baskin, 1976

Scoloplax Bailey & Baskin, 1976: 5. Type species: *Scoloplax dicra* Bailey & Baskin, 1976. Type by original designation. Gender: Feminine.

Scoloplax dicra Bailey & Baskin, 1976

Scoloplax dicra Bailey & Baskin, 1976: 7, figs. 1–3. Type locality: Isolated Ox-Bow lagoon off the Río Iténez, ca. 400 m southwest of the river at a point opposite Costa Marques (Brazil), Dept. of Beni, Bolivia, 12°28.38'S, 64°16.59'W. Holotype: AMNH 32482.

Distribution: Amazon and Paraguay River basins (Schaefer, 2003a).

Scoloplax distolothrix Schaefer, Weitzman & Britski, 1989

Scoloplax distolothrix Schaefer, Weitzman & Britski, 1989: 191, figs. 5, 6. Type locality: Small tributary of Rio Batovi, upper Rio Xingu, Mato Grosso, Brazil, approx. 12°58'S, 53°37'W. Holotype: MZUSP 39065.

Distribution: Tocantins/Araguaia, Xingu and Paraguay River basins (Schaefer, 2003a).

Scoloplax dolicholophia Schaefer, Weitzman & Britski, 1989

Scoloplax dolicholophia Schaefer, Weitzman & Britski, 1989: 196, figs. 9, 10. Type locality: In igarapé, trib. of Rio Tarumãzinho, approximately 45 km north of Manaus, Amazonas, Brazil, 2°42'S, 60°03'W. Holotype: MZUSP 6788.

Distribution: Negro River basin, Brazil (Schaefer, 2003a).

Scoloplax empousa Schaefer, Weitzman & Britski, 1989

Scoloplax empousa Schaefer, Weitzman & Britski, 1989: 194, figs. 7, 8. Type locality: Rio Ivinheima 70 km upstream from its confluence with Rio Paraná and Rio dos Bandeirantes, Mato Grosso, Brazil, approx. 22°35'S, 53°30'W. Holotype: MZUSP 39075.

Distribution: Amazon and Paraguay/Paraná River basins (Schaefer, 2003a).

SILURIDAE Cuvier, 1816

Siluroïdes Cuvier, 1816: 199. Type genus: *Silurus* Linnaeus, 1758.

Kryptopterini Bleeker, 1862 (in Bleeker, 1862–63): 18, 85. Type genus: *Kryptopterus* Bleeker, 1857.

Phalacronotini Bleeker, 1862 (in Bleeker, 1862–63): 18, 90. Type genus: *Phalacronotus* Bleeker, 1857.

Monophyly: Bornbusch (1991b).

Phylogeny: Bornbusch (1991b; 1995).

Revision: Kobayakawa (1989, *Silurus* sensu lato, including *Pterocryptis*).

Review: Chen (1977, China).

Checklist: Haig (1952, with key to genera).

Identification guide: Jayaram (1977d, South Asia).

Remarks: Although the monophyly of the family appears to be well supported (see Bornbusch, 1991b), the limits of many of the included genera are not clear. As such, the composition of the genera as listed herein are likely to change with additional study.

12 genera, 94 species; 3 named fossil species of uncertain status.

Incertae sedis

Kryptopterus indicus Datta, Barman & Jayaram, 1987

Kryptopterus indicus Datta, Barman & Jayaram, 1987: 29, fig. 1. Type locality: Hornbill Point, Namdapha River, Namdapha Wildlife Sanctuary, Arunachal Pradesh, India. Holotype: ZSI FF1699.

Distribution: Known only from type locality (Jayaram, 1999).

Remarks: Generic placement undetermined. Illustration of type clearly not that of a species of *Kryptopterus*.

BELODONTICHTHYS Bleeker, 1857

Belodontichthys Bleeker, 1857b: 472. Type species: *Belodontichthys macrochir* Bleeker, 1857. Type by monotypy.
Gender: Masculine.

Phylogeny: Howes & Fumihito (1991).

Belodontichthys dinema (Bleeker, 1851)

Wallago dinema Bleeker, 1851d: 202. Type locality: Banjarmasin. Syntypes (2, 190, 195 mm TL): possibly RMNH 6834 (1 or 2 of 5. Syntype illustrated in Bleeker (1862–63: pl.86 [= Silur. 38], fig. 2) as *Belodontichthys macrochir*.

Belodontichthys macrochir Bleeker, 1857b: 472. Type locality: Banjarmasin. Syntypes (2, 190, 195 mm TL): possibly RMNH 6834 (1 or 2 of 5). Unneeded new name for *Wallago dinema* Bleeker, 1851.

Distribution: Laos, Vietnam, Thailand, Malay Peninsula, Sumatra and Borneo (Roberts, 1989a).

Remarks: BMNH 1863.12.4.54 (1, 272 mm SL) is incorrectly registered as a type of *Belodontichthys macrochir* [= *Wallago dinema*], but is too long to be either of the syntypes.

Belodontichthys truncatus Kottelat & Ng, 1999

Belodontichthys truncatus Kottelat & Ng, 1999: 388, fig. 1. Type locality: Chao Phraya River, flood-waters 17.5 km north of Ayuthya, Maharaj Prov., Thailand. Holotype: UMMZ 235105.

Distribution: Mekong and Chao Phraya River basins (Kottelat, 2001b).

CERATOGLANIS Myers, 1938

Ceratoglanis Myers, 1938: 98. Type species: *Hemisilurus scleronema* Bleeker, 1863. Type by original designation.
Gender: Masculine.

Ceratoglanis pachynemus Ng, 1999

Ceratoglanis pachynema Ng, 1999c: 390, figs. 3, 5, 6. Type locality: Prachinburi Market, Thailand. Holotype: CAS 96577.

Distribution: Chao Phraya and Mekong River basins (Ng, 1999c).

Ceratoglanis scleronemus (Bleeker, 1863)

Hemisilurus scleronema Bleeker, 1863 (in Bleeker, 1862–63): 93, pl. 101 [= Silur. pl. 53]. Type locality: Java (Krawang). Holotype (399 mm TL): possibly RMNH 2918 (1). Also described as new in Bleeker (1863e and 1863f).

Distribution: Pahang River basin, peninsular Malaysia, Baram, Barito, Kapuas and Rejang river basins, Borneo, Citarum River basin, Java, and the Batang Hari and Siak River basins, Sumatra (Ng, 1999c).

HEMISILURUS Bleeker, 1857

Hemisilurus Bleeker, 1857b: 472. Type species: *Wallago heterorhynchus* Bleeker, 1853. Type by monotypy. Gender: Masculine.

Diastatomycter Vaillant, 1891: 182. Type species: *Diastatomycter chaperi* Vaillant, 1891. Type by monotypy. Gender: Masculine. Also appeared in Vaillant (1893c: 61).

Phylogeny and biogeography: Bornbusch & Lundberg (1989).

Hemisilurus heterorhynchus (Bleeker, 1853)

Wallago heterorhynchus Bleeker, 1853b: 514. Type locality: Moara kompeh, Sumatrae orientalis, in fluviiis. Holotype (326 mm TL): RMNH 6849.

Diastatomycter Chaperi Vaillant, 1891: 182. Type locality: Knapei River, Borneo. Holotype: MNHN 1891-0458. Also described as new in Vaillant (1893c: 61); redescribed and illustrated in Vaillant (1894b: 70, pl. 2, fig. 2).

Distribution: Sumatra, and Borneo (Roberts, 1989a).

Remarks: BMNH 1863.12.4.58 (~205 mm SL) is incorrectly listed as a type of *Wallago heterorhynchus* as the species was named on a single individual and this specimen is too small.

Hemisilurus mekongensis Bornbusch & Lundberg, 1989

Hemisilurus mekongensis Bornbusch & Lundberg, 1989: 435, figs. 1–4. Type locality: Thailand, Ubon Ratchathani

Province, Khong Chiam District, Mun River at Ban Dan, upstream of confluence with Mekong River, 15°18'N, 105°31'E. Holotype: UMMZ 214565.

Distribution: Mekong River basin (Kottelat, 2001b).

Hemisilurus moolenburghi Weber & de Beaufort, 1913

Hemisilurus moolenburghi Weber & de Beaufort, 1913: 212, figs. 84–85. Type locality: Batang Hari, Sumatra. Syntypes: ZMA 113564 (2).

Distribution: Batang Hari, Sumatra, and western Borneo (Roberts, 1989a).

KRYPTOPTERUS Bleeker, 1857

Kryptopterus Bleeker, 1857b: 472. Type species: *Kryptopterus micropus* Bleeker, 1857. Type by subsequent designation by Bleeker (1862: 395, or 1862–63: 18). Gender: Masculine.

Kryptoptericthys Bleeker, 1857b: 472. Type species: *Silurus Palembangensis* Bleeker, 1852. Type by subsequent designation by Bleeker (1862: 395, or 1862–63: 18). Gender: Masculine.

Cryptopterus Günther, 1864: 6, 38. Type species: *Kryptopterus micropus* Bleeker, 1857. Type by being a replacement name. Gender: Masculine. Unjustified emendation of *Kryptopterus*. Preoccupied by *Cryptopterus* Kaup, 1860, in fishes.

Cryptoptarella Fowler, 1944a: 1. Type species: *Cryptoptarella beldti* Fowler, 1944. Type by original designation. Gender: Feminine.

Remarks: First reviser action in making *Kryptopterus* the valid name for this taxon appears to have been accomplished in Haig (1952: 106), in which *Kryptoptericthys* is treated as a junior synonym of *Kryptopterus*, although the names were attributed to Bleeker (1858) which was, until recently, thought to be the source of both names.

Kryptopterus baramensis Ng, 2002

Kryptopterus baramensis Ng, 2002c: 68, figs. 1–2. Type locality: Borneo: Sarawak, Sungai Akah, above Long Tebangan, 300 m below confluence with Sungai Pahang, below falls, 3°22'12"N, 114°56'06"E. Holotype: ROM 72477.

Distribution: Baram River basin, northern Borneo (Ng, 2002c).

Kryptopterus bicirrhis (Valenciennes, 1840)

Silurus bicirrhis Valenciennes, in Cuvier & Valenciennes, 1840a: 367 (272 of Strasbourg deluxe edition), pl. 411. Type locality: Java. Holotype: MNHN a-9932; radiograph of holotype in Roberts (1989a: fig. 113, lower).

Cryptopterus amboinensis Günther, 1864: 40, 429. Type locality: Amboyna [apparently in error]. Syntypes (2): BMNH 1855.3.24.14 (1).

Distribution: Mekong and Chao Phraya River basins, and Sundaland (Kottelat, 2001b).

Kryptopterus kryptopterus (Bleeker, 1851)

Silurus kryptopterus Bleeker, 1851b: 270. Type locality: Bandjarmassing. Holotype (110 mm TL): RMNH 6840 (1 of 16).

Kryptopterus micropus Bleeker, 1857b: 472. Type locality: Bandjarmassing. Holotype (110 mm TL): RMNH 6840 (1 of 16). Unneeded replacement name for *Silurus kryptopterus* Bleeker, 1851, apparently to avoid tautonymy.

Distribution: Borneo and Sumatra, and possibly Tapi River (Ng, 2003i: 8).

Kryptopterus dissitus Ng, 2001

Kryptopterus dissitus Ng, 2001a: 198, fig. 1. Type locality: Laos: Champasak Province, Mekong River at Ban Hang Khone, just downstream from Khone falls. Holotype: UMMZ 238017.

Distribution: Chao Phraya and Mekong River basins (Ng, 2001a).

Kryptopterus eugeneiatus (Vaillant, 1893)

Callichrous eugeneiatus Vaillant, 1893c: 61. Type locality: riv. Knapei et Sebroeang, près Smitow, Bornéo. Syntypes: MNHN 1891-0459 (1), MNHN 1891-0460 (1).

Distribution: Kapuas River basin (Roberts, 1989a).

Kryptopterus geminus Ng, 2003

Kryptopterus geminus Ng, 2003i: 2, figs 1, 2a. Type locality: Cambodia: Stung Treng, Mekong River 2 km downstream from mouth of Tonle San on sandbars, Mekong River drainage, 13°31'N, 105°56'E. Holotype: UMMZ

234664.

Distribution: Mekong, Mae Khlong, Bang Pakong and Chao Phraya River basins (Ng, 2003i).

Kryptopterus hesperius Ng, 2002

Kryptopterus hesperius Ng, 2002c: 70, fig. 3. Type locality: Thailand: Kanchanaburi Province, Kwa Noi River at Sai Yok. Holotype: ZMUC P28551.

Distribution: Mae Khlong River basin, western Thailand (Ng, 2002c).

Kryptopterus lais (Bleeker, 1851)

Silurus lais Bleeker, 1851e: 428. Type locality: Sambas, in fluviis. Holotype (125 mm TL): RMNH 6839 (larger of 2).

Distribution: Sambas, Kapuas, Kahajan and Barito rivers, Borneo (Roberts, 1989a).

Kryptopterus limpok (Bleeker, 1852)

Silurus limpok Bleeker, 1852d: 583. Type locality: Palembang, Sumatra. Holotype (175 mm TL): possibly BMNH 1863.12.4.100 (150 mm SL).

Distribution: Mekong and Chao Phraya River basins, Malay Peninsula, Sumatra and Borneo (Kottelat, 2001b).

Kryptopterus lumholtzi Rendahl, 1922

Cryptopterus lumholtzi Rendahl, 1922: 200. Type locality: Bulungan, northeastern Borneo. Holotype: ZMUO J5310.

Distribution: Bulungan, northeastern Borneo (Rendahl, 1922).

Kryptopterus macrocephalus (Bleeker, 1858)

Kryptopterichthys macrocephalus Bleeker, 1858b: 293. Type locality: Sumatra ?; Padang ?, in fluviis. Holotype (113 mm TL): possibly BMNH 1863.12.4.99 (96 mm SL) or BMNH 1863.12.4.101. Illustrated in Bleeker (1862–63: pl. 89 [= Silur. pl. 41], fig. 1).

Distribution: Peninsular Thailand, Malay Peninsula, Sumatra and Borneo (Roberts, 1989a).

Kryptopterus minor Roberts, 1989

Kryptopterus minor Roberts, 1989a: 149, fig. 115. Type locality: Mainstream of Sungai Pinoh at Nanga Saian, 45 km S of Nangapinoh, Western Borneo (Kalimantan Barat, Indonesia). Holotype: MZB 3638. Name spelled *Kryptopterus minimus* on p. 146. As there has not been a first reviser action to fix the name, it is done here, with *Kryptopterus minor* as the valid name.

Distribution: Kapuas River, western Borneo (Roberts, 1989a).

Kryptopterus mononema (Bleeker, 1847)

Silurus mononema Bleeker, 1847b: 8. Type locality: Surakarta, Java. Syntypes: possibly BMNH 1863.12.4.93 (1, 145 mm SL), RMNH 6835 (2). One syntype illustrated in Bleeker (1862–63: 87, pl. 91 [= Silur pl. 43], fig. 1). Also described as new in Bleeker (1847: 166).

Distribution: Java, Indonesia.

Kryptopterus Palembangensis (Bleeker, 1852)

Silurus Palembangensis Bleeker, 1852d: 584. Type locality: Palembang, in fluviis. Holotype (169 mm TL): Whereabouts unknown.

Distribution: Sumatra.

Remarks: BMNH 1863.12.4.101 (120 mm SL) is incorrectly registered as a type of *Silurus Palembangensis* but appears to be too small to be the holotype.

Kryptopterus paraschilbeides Ng, 2003

Kryptopterus paraschilbeides Ng, 2003d: 3, fig. 1. Type locality: Cambodia: Kompong Chhnang, Tonle Sap River, 17 km upstream from Kompong Chhnang. Holotype: UMMZ 238788.

Distribution: Mekong River basin (Ng, 2003d).

Kryptopterus piperatus Ng, Wirjoatmodjo & Hadiaty, 2004

Kryptopterus piperatus Ng, Wirjoatmodjo & Hadiaty, 2004: 92, fig. 1. Type locality: Indonesia, Sumatra: Aceh Selatan: Sungai Lembang in front of camp, Suag Balimbing Research Station, Gunung Leuser National Park. Holotype: MZB 8717.

Distribution: Lembang River, Alas River basin, Sumatra, Indonesia (Ng *et al.*, 2004).

Kryptopterus sabanus (Inger & Chin, 1959)

Ompok sabanus Inger & Chin, 1959: 282. Type locality: Segama River at the Segama Estate near Lahad Datu, Lahad Datu District, East Coast Residency, North Borneo. Holotype: FMNH 44828.

Distribution: Kapuas and Kinabatangan Rivers, northern Borneo (Roberts, 1989a).

Kryptopterus schilbeides (Bleeker, 1858)

Hemisilurus schilbeides Bleeker, 1858b: 297. Type locality: Palembang, Sumatra; Bandjermassin, Borneo. Syntypes (2: 96–99 mm TL): possibly BMNH 1863.12.4.157 (1, 79 mm SL, 91 mm TL), BMNH 1864.5.15.6 (1). Illustrated in Bleeker (1862–63: pl. 90 [=Silur. pl. 42], fig. 4).

Distribution: Lower Mekong River to Indonesia, in rivers, canals, ditches and swamps (Rainboth, 1996).

Remarks: Register number of syntype of *Hemisilurus schilbeides* incorrectly reported as BMNH 1863.12.11.157 in Eschmeyer *et al.* (1998).

Species inquirendae, Kryptopterus

Cryptopterella beldti Fowler, 1944a: 2, unnumbered figure. Type locality: Borneo (aquarium fish). Holotype: ANSP 71571.

MICRONEMA Bleeker, 1857

Micronema Bleeker, 1857b: 472. Type species: *Silurus hexapterus* Bleeker, 1851. Type by monotypy. Gender: Neuter.

Micronema cheveyi (Durand, 1940)

Cryptopterus Cheveyi Durand, 1940: 19, pl. 4. Type locality: Rivière de Kaskos [Cambodia]. Holotype: possibly at Institut Océanographique Nhatrang.

Distribution: Mekong River basin (Chu *et al.*, 1999), in rivers and canals (Rainboth, 1996).

Micronema hexapterus (Bleeker, 1851)

Silurus hexapterus Bleeker, 1851d: 203. Type locality: Bandjermassing. Holotype (145 mm TL): Whereabouts unknown.

Distribution: Thailand to Indonesia, in rivers, streams, and canals (Rainboth, 1996).

Remarks: BMNH 1863.12.4.73 is incorrectly registered as the holotype of *Silurus hexapterus* Bleeker, but it is much larger (159 mm SL) than the listed length of the holotype.

Micronema moorei (Smith, 1945)

Kryptopterus moorei Smith, 1945: 342, fig. 78. Type locality: Menam Chao Phya, near Paknam, central Thailand. Holotype: USNM 109787.

Distribution: Chao Phraya and lower Mekong River basins, in streams and canals of the floodplain (Rainboth, 1996).

Remarks: Treated as a probable synonym of *Kryptopterus cheveyi* in Kottelat (2001b).

Micronema platypogon (Ng, 2004)

Kryptopterus platypogon Ng, 2004f: 2, figs. 1, 2a. Type locality: Borneo: Sarawak, Rajang River drainage, market at Sibü, 2°17'18.6"N 111°49'49.2"E. Holotype: ZRC 45838.

Distribution: Rajang River basin, northern Borneo (Ng, 2004f).

OMPOK La Cepède, 1803

Ompok La Cepède, 1803: 49. Type species: *Ompok siluroides* La Cepède, 1803. Type by monotypy. Gender: Masculine.

Callichrous Hamilton, 1822: 149. Type species: *Silurus pabda* Hamilton, 1822. Type by subsequent designation by Bleeker (1862: 395 or 1862–63: 17). Gender: Masculine. Originally proposed as a subgenus of *Silurus*.

Pseudosilurus Bleeker, 1857b: 472. Type species: *Wallago leiacanthus* Bleeker, 1853. Type by monotypy. Gender: Masculine.

Silurodes Bleeker, 1857b: 472. Type species: *Silurus macronema* Bleeker, 1851. Type by monotypy. Gender: Masculine. Also in Bleeker (1858b: 255, 256, 271).

Revision: Ng (2003b, *Ompok hypophthalmus* group); Tan & Ng (1996, *Ompok leiacanthus* species group).

Review: Parameswaran *et al.* (1967, Indian species).

Ompok bimaculatus (Bloch, 1794)

Silurus bimaculatus Bloch, 1794: 24, pl. 364. Type locality: Tranquebar. Lectotype: ZMB 2916, designated by, and illustrated in, Paepke (1999: 139, pl. 25, fig. 2).

Callichrous ceylonensis Günther, 1864: 46. Type locality: Ceylon. Syntypes: BMNH 1852.2.19.107–108 (2), BMNH 1853.3.30.60 (1).

Distribution: Widely distributed in south and Southeast Asia, including Mekong River (Kottelat, 2001b), but probably more restricted to just south Asia and Sri Lanka.

Remarks: See Jayaram (1977a) for comments on type locality of *Silurus bimaculatus*, and Rema Devi & Emilyamma (1997) for comments on its identity.

Ompok binotatus Ng, 2002

Ompok binotatus Ng, 2002b: 26, fig. 1. Type locality: Indonesia: Borneo, Kalimantan Barat, Sungai Mandai Kechil near its confluence with Kapuas mainstream, 18 km west southwest of Putussibau, 0°48'N, 112°47'E. Holotype: FMNH 94243.

Distribution: Kapuas River basin, Borneo (Ng, 2002b).

Ompok borneensis (Steindachner, 1901)

Callichrous (Silurodes) borneensis Steindachner, 1901: 445, pl. 18 (fig. 3). Type locality: Baram-Flusse, Borneo. Holotype (8.4 cm): at NMW or SMF.

Distribution: Baram River basin, Borneo (Steindachner, 1901).

Ompok fumidus Tan & Ng 1996

Ompok fumidus Tan & Ng 1996: 537, figs. 3, 4c. Type locality: North Selangor peat swamp forest, 43 km on road from Tanjong Malim to Sungai Besar, Selangor, Malaysia. Holotype: ZRC 15049.

Distribution: peninsular Malaysia (Tan & Ng, 1996).

Ompok hypophthalmus (Bleeker, 1846)

Silurus hypophthalmus Bleeker, 1846a: 149. Type locality: Batavia. Type(s) (size and number not stated): Whereabouts unknown.

Silurus macronema Bleeker, 1851: 203. Type locality: Bandjermassing. Holotype (140 mm TL): possibly BMNH 1863.12.4.155 (121 mm SL); illustrated in Bleeker (1862–63: 83, pl. 88 [= Silur. pl. 40], fig. 2), as *Silurodes macronema*.

Distribution: Ciliwung and Brantas River basins, Java, and Barito River basin, southern Borneo (Ng, 2003b).

Ompok jaynei Fowler, 1905

Ompok jaynei Fowler, 1905: 466, fig. 3. Type locality: Baram basin, Baram region of Sarawak, Borneo. Holotype: ANSP 114890.

Distribution: Baram River basin, Borneo (Fowler, 1905).

Ompok leiacanthus (Bleeker, 1853)

Wallago leiacanthus Bleeker, 1853a: 189. Type locality: Marwang, in fluviiis [now: East end of Danau Arang Arang, Jambi Prov., Sumatra, Indonesia, by neotype designation]. Neotype: ZRC 38538, designated by Tan & Ng (1996: 532).

Distribution: Sumatra.

Ompok malabaricus (Valenciennes, 1840)

Silurus Malabaricus Valenciennes, in Cuvier & Valenciennes, 1840a: 353 (262 of Strasbourg deluxe edition). Type locality: Malabar. Syntypes: MNHN b-0607 (2).

Distribution: Goa, Kerala, India (Jayaram, 1999).

Ompok miostomus Vaillant, 1902

Wallago miostoma Vaillant, 1902: 44. Type locality: Tepoe, bords du Mahakam, Bornéo central. Syntypes: RMNH 7811 (2); syntype illustrated in Roberts (1982b: fig. 3b).

Distribution: Mahamam River basin, central Borneo (Vaillant, 1902).

Ompok pabda (Hamilton, 1822)

Silurus pabda Hamilton, 1822: 150, 374, pl. 25 (fig. 47). Type locality: ponds and rivers of Bengal. No types known.

Silurus (Callichrus) vittatus Swainson 1839: 306. Type locality: ponds and rivers of Bengal. No types known. Name made available by reference to "Ham. pl. 25, f. 47" [= Hamilton (1822: p. 25, fig. 47)]. Unneeded new name for

Silurus pabda Hamilton, 1822.

Distribution: Brahmaputra and Ganges River basins, India and Bangladesh; Pakistan; Myanmar (Jayaram, 1999).

Ompok pabo (Hamilton, 1822)

Silurus pabo Hamilton, 1822: 153, 375, pl. 22 (fig. 48). Type locality: Brahmaputra River, towards Assam. No types known.

Silurus (Callichrus) erythrogaster Swainson, 1839: 306. Type locality: Brahmaputra River, towards Assam. No types known. Name made available by reference to "Ham. pl. 17 f. 48" [sic pl. 22, fig. 48] (= Hamilton, 1822: pl. 22, fig. 48). Unneeded new name for *Silurus pabo* Hamilton, 1822.

Distribution: Brahmaputra, Ganges, and Yamuna River basins, India and Bangladesh; Pakistan; Myanmar (Jayaram, 1999).

Ompok pinnatus Ng, 2003

Ompok pinnatus Ng, 2003f: 48, fig. 1. Type locality: Cambodia, Tonle Sap at Koompong Chhnang, fishing lot 9 in second channel E of town. Holotype: UMMZ 232679.

Distribution: Chao Phraya River, Thailand and Mekong River basin, Cambodia (Ng, 2003f).

Ompok platyrhynchus Ng & Tan, 2004

Ompok platyrhynchus Ng & Tan, 2004: 2, figs. 1, 2a. Type locality: Borneo: Brunei Darussalam, Temburong district: Belalong sub-basin Sungai Esu, about 15 minutes upstream of Kuala Belalong Field Studies Centre (04°32'17.9"N 115°09'35.2"E). Holotype: ZRC 48678.

Distribution: Temburong River basin, northern Borneo (Ng & Tan, 2004).

Ompok pluriradiatus Ng, 2002

Ompok pluriradiatus Ng, 2002b: 28, fig. 3. Type locality: Indonesia: Borneo: Kalimantan Timur: Mahakam River drainage, a swift blackwater stream entering Mahakam River from the left side downriver of Nuarapahu (0°14'S, 116°07'E). Holotype: MZB 5951.

Distribution: Mahakam River basin, eastern Borneo (Ng, 2002b).

Ompok rhadinurus Ng, 2003

Ompok rhadinurus Ng, 2003b: 1299, figs. 3, 5b. Type locality: Peninsular Malaysia, Selangor, North Selangor Peat Swamp Forest, irrigation canal on western boundary. Holotype: ZRC 14897.

Distribution: Bernam, Endau, Pahang, Pattani and Perak River basins, peninsular Malaysia, Kapuas River basin, Borneo, and Batang Hari, Deli, Indragiri and Musi River basins, Sumatra (Ng, 2003b).

Ompok sindensis (Day, 1877)

Callichrous Sindensis Day, 1877 (in Day, 1875–78): 476, pl. 110 (fig. 1). Type locality: Sind, from the Indus [Pakistan]. Holotype: ZSI 505.

Distribution: Sindh, Pakistan (Mirza, 2003).

Ompok urbaini (Fang & Chaux, 1949)

Cryptopterus urbaini Fang & Chaux, in Chaux & Fang, 1949a: 197, fig. 2. Type locality: Cambodia. Holotype: MNHN 1966-0706.

Distribution: Mekong, Chao Phraya and Pasak River basins, Southeast Asia (Ng, 2003b).

Remarks: Ng (2003b) lists three syntypes, but a holotype was clearly indicated in the description.

Ompok weberi (Hardenberg, 1936)

Callichrous weberi Hardenberg, 1936a: 232. Type locality: Padang Tikarbay, Kapuas River basin, western Borneo. Holotype (79 mm): Whereabouts unknown (see Ng & Siebert, 2002, for comments).

Distribution: Kapuas River, Borneo (Ng & Siebert, 2002).

Remarks: Redescribed in Ng & Siebert (2002).

Species inquirendae, Ompok

Ompok siluroides La Cepède, 1803: 49, 50, pl. 1 (fig. 2). Type locality: not stated [Asia]. Holotype: MNHN a-8669.

Silurus lamghur Heckel, 1838: 82, pl. 12 (figs. 5–6). Type locality: Kashmir. Holotype: NMW 44689.

Silurus canio Hamilton, 1822: 151, 374. Type locality: Ponds in the north-east parts of Bengal. No types known. Unpublished Hamilton illustration reproduced in Hora (1929: pl. 20, fig. 5).

Silurus chechra Hamilton, 1822: 152, 375. Type locality: Kusi river [India]. No types known.

Silurus duda Hamilton, 1822: 152, 375. Type locality: river Kusi [India]. No types known.

Silurus (Callichrus) affinis Swainson, 1839: 306. Type locality: Kusi River [India]. No types known. Name made available by reference to “Ham. 152 (duda)” [= Hamilton, 1822: 152]. Unneeded new name for *Silurus duda* Hamilton, 1822.

Silurus (Callichrus) immaculatus Swainson, 1839: 306. Type locality: Bengal. No types known. Name made available by reference to “Ham. 151 (canio)” [= Hamilton, 1822: 151]. Unneeded new name for *Silurus canio* Hamilton, 1822.

Silurus (Callichrus) nebulosus Swainson, 1839: 306. Type locality: Kusi River [India]. No types known. Name made available by reference to “Ham. 152 (nebulosus)” [=Hamilton, 1822: 152)]. Unneeded new name for *Silurus chechra* Hamilton, 1822.

Silurus anostomus Valenciennes, in Cuvier & Valenciennes, 1840a: 363 (269 of Strasbourg deluxe edition), pl. 410. Type locality: Bengale. Syntypes: MNHN a-8949 (2), MNHN a-8950 (2).

Silurus microcephalus Valenciennes, in Cuvier & Valenciennes, 1840a: 365 (271 of Strasbourg deluxe edition). Type locality: Bengale. Holotype (6 pouces): at MNHN.

Silurus Mysoricus Valenciennes, in Cuvier & Valenciennes, 1840a: 364 (270 of Strasbourg deluxe edition). Type locality: Mysore. Syntypes: MNHN 0000-3107 (2).

Silurus indicus M’Clelland & Griffith, in M’Clelland, 1842: 583. Type locality: Loodianah, the Punjab, and Cabool River at Jullalabad. Holotype: Whereabouts unknown, possibly at BMNH.

Cryptopterus latovittatus Playfair, 1867: 16. Type locality: Cachar, eastern provinces of British India, within the watershed of the Burhampooter. Syntypes: BMNH 1867.2.14.72–73.

Pseudosilurus macrophthalmos Blyth, 1860: 156. Type locality: Tenasserim. Holotype: Whereabouts unknown.

Callichrous nigrescens Day, 1870c: 616. Type locality: Throughout the branches of the Irrawaddi, in the Pegu and Sit-toung rivers, Burma. Syntypes: AMS B.7636 (1), ZSI A.500 (2, lost).

Callichrous notatus Day, 1870c: 616. Type locality: Rivers of Burma. Possible syntypes: AMS B.7982 (2), ZSI 1275 (1), ZSI A.499 (2, lost).

Callichrous egertonii Day, 1872: 710. Type locality: Subhimalayan range in the Punjab. Syntype: AMS B.8065 (1).

Wallago krattensis Fowler, 1934b: 335, fig. 1. Type locality: Kratt, southeast Siam. Holotype: ANSP 60177.

Silurus goae Haig, 1952: 77, fig. on p. 78. Type locality: Goa, India. Holotype: SU 41889. Referred to *Ompok* rather than *Silurus* by Kobayakawa (1989: 176).

PHALACRONOTUS Bleeker, 1857

Phalacronotus Bleeker, 1857b: 472. Type species: *Silurus phalacronotus* Bleeker, 1851. Type by absolute tautonymy. Gender: Masculine. Type designations of *Silurus leptonema* in Bleeker (1862: 395 and 1862–63: 18) are invalid.

Phalacronotus apogon (Bleeker, 1851)

Silurus apogon Bleeker, 1851c: 67. Type locality: Banjarmasin. Syntypes (4, 118–175 mm TL): RMNH 6843 (in part).

Silurus leptonema Bleeker, 1852: 584. Type locality: Palembang, Sumatra. Holotype (268 mm TL): possibly at RMNH.

Silurus micropogon Bleeker, 1855: 418, 419. Type locality: Pontianak; Bandjermasin, Borneo. Apparently an unneeded new name for *Silurus apogon* Bleeker, 1851.

Distribution: Mekong and Chao Phraya river basins, Malay Peninsula, Sumatra and Borneo (Kottelat, 2001b).

Phalacronotus bleekeri (Günther, 1864)

Cryptopterus bleekeri Günther, 1864: 44. Type locality: Siam. Syntypes (2): BMNH 1863.12.4.105, and possibly BMNH 1862.11.1.208.

Micronema bleekeri Bocourt, 1866: 17, pl. 1 (figs. 3, 3a–c). Type locality: [Menam R. at Bangkok]. Syntypes: MNHN 0000-1546 (3).

Distribution: Mekong and Chao Phraya River basins, and Sundaland (Kottelat, 2001b).

Remarks: Günther (1864) cited *Micronema bleekeri* Bocourt in his account of *Cryptopterus bleekeri*. However, he did not cite a Bocourt publication in his list of cited literature (pp. vii–x) and available evidence indicates that

Bocourt's publication did not appear until 1866. Therefore, Günther's name has priority and Bocourt's must be treated as independently proposed and available.

Phalacronotus micronemus (Bleeker, 1846)

Silurus micronemus Bleeker, 1846b: 289. Type locality: Batavia. Holotype: RMNH 6841.

Silurus phalacronotus Bleeker, 1851e: 429. Type locality: Sambas. Holotype (220 mm TL): Whereabouts unknown.

Phalacronotus micruropterus Bleeker, 1857b: 473. Type locality: Sambas, in fluviis. Holotype (220 mm TL): Whereabouts unknown. Unneeded replacement name for *Silurus phalacronotus* Bleeker, 1851, to avoid Stricklandian tautonymy.

Micronema typus Bleeker, 1858b: 300. Type locality: Batavia. Holotype: RMNH 6841. Unneeded new name for *Silurus micronemus* Bleeker, 1846.

Kryptopterus deignani Fowler, 1937: 136, figs. 10–12. Type locality: Me Poon, Siam. Holotype: ANSP 67884.

Distribution: Mekong and Chao Phraya River basins, and Sundaland (Kottelat, 2001b).

Remarks: BMNH 1863.12.4.75 (209 mm SL), BMNH 1863.12.4.95 (222 mm SL, 249 mm TL), and BMNH 1863.12.4.96 (122 mm SL) are incorrectly registered as the types of *Silurus micronemus*.

Phalacronotus parvanalis (Inger & Chin, 1959)

Kryptopterus parvanalis Inger & Chin, 1959: 284, fig. 46. Type locality: Kinabatangan River at Deramakot, Kinabatangan District, North Borneo. Holotype: FMNH 68014.

Distribution: Kinabatangan River at Deramakot, North Borneo, Malaysia (Inger & Chin, 1959).

PINNIWALLAGO Gupta, Jayaram & Hajela, 1981

Pinniwallago Gupta, Jayaram & Hajela, 1981: 291. Type species: *Pinniwallago kanpurensis* Gupta, Jayaram & Hajela, 1981. Type by original designation. Gender: Masculine.

Pinniwallago kanpurensis Gupta, Jayaram & Hajela, 1981

Pinniwallago kanpurensis Gupta, Jayaram & Hajela, 1981: 290, fig. 1. Type locality: 'Bara Tal' near village of Bhitargaon, Tehsil, Ghatampur, Kanpur, Uttar Pradesh, India. Holotype: ZSI FF1443.

Distribution: Known only from the type locality in Uttar Pradesh, India (Jayaram, 1999).

PTEROCRYPTIS Peters, 1861

Pterocryptis Peters, 1861: 712. Type species: *Pterocryptis gangelica* Peters, 1861. Type by monotypy. Gender: Feminine.

Apodoglanis Fowler, 1905: 463. Type species: *Apodoglanis furnessi* Fowler, 1905. Type by original designation. Gender: Masculine.

Hito Herre, 1924a: 702. Type species: *Hito taytayensis* Herre, 1924. Type by original designation. Gender: Masculine.

Hitoichthys Herre 1924b: 1570. Type species: *Hitoichthys taytayensis* Herre, 1924. Type by original designation. Gender: Masculine.

Penesilurus Herre, 1924a: 703. Type species: *Penesilurus palavanensis* Herre, 1924. Type by original designation. Gender: Masculine. Also described as new in Herre (1924b: 1570); earliest publication not established.

Herklotsella Herre, 1933: 179. Type species: *Herklotsella anomala*, Herre, 1933. Type by original designation. Gender: Feminine. Publication date stated to be Dec. 1933, but perhaps did not appear until later (Eschmeyer, 1998); priority over *Herklotsella* Fowler, 1934, which was published in January, 1934, is not clearly established.

Review: Ng & Freyhof (2001a), Vietnam.

Remarks: The revision by Kobayakawa (1989) included many of these species in an expanded *Silurus* sensu lato. Haig (1952: 82) gave precedence to *Hito* over *Hitoichthys*, after concluding that priority of publication could not be determined.

Pterocryptis anomala (Herre, 1933)

Herklotsella anomala Herre, 1933: 179. Type locality: Hong Kong market. Holotype: SU 26769.

Silurus sinensis Hora, 1937d: 343, figs. 8 (c–d). Type locality: Lunchow, China. Holotype: Originally ZMFMIB 13692, apparently now at ASIZB. Name proposed for specimen identified as *Silurus wynaadensis* in Tchang (1936: 35). Preoccupied by *Silurus sinensis* La Cèpède, 1803; replaced by *Silurus gilberti* Hora, 1938.

Silurus gilberti Hora, 1938c: 243. Type locality: Luchow, China. Holotype: Originally ZMFMIB 13692, apparently now at ASIZB. Replacement name for *Silurus sinensis* Hora, 1937.

Distribution: Rivers draining southeastern China, from Minjiang and Pearl Rivers to vicinity of Hong Kong (Ng & Chan, 2005).

Remarks: Synonymy follows Ng & Chan (2005).

Pterocryptis bermorei (Blyth, 1860)

Silurichthys Bermorei Blyth, 1860: 156. Type locality: Tenasserim provinces. Holotype: ZSI 481 (whereabouts unknown).

Silurus morehensis Arunkumar & Tombi Singh, 1997: 73, fig. 1. Type locality: Moreh Bazar, Moreh, Manipur, India. Holotype: MUMF 2211/1A.

Distribution: Southeastern Myanmar and possibly western Thailand (Ng & Freyhof, 2001a), Manipur, India (Arunkumar & Tombi Singh, 1997).

Pterocryptis bokorensis (Pellegrin & Chevey, 1937)

Penesilurus bokorensis Pellegrin & Chevey, 1937: 315. Type locality: [Bokor, Cambodia, elev. 800–1000 m]. Holotype: MNHN 1936-0167.

Distribution: Cambodia.

Remarks: Ng & Kottelat (1998b) indicate that the species is known only from holotype, but Rainboth (1996) implies that it is a food fish, known from upland streams of the Mekong basin in Cambodia.

Pterocryptis buccata Ng & Kottelat, 1998

Pterocryptis buccata Ng & Kottelat, 1998b: 394, figs. 1, 2a, 3a–b. Type locality: Thailand: Kanchanaburi Province, Amphoe Sai Yok, Mae Khlong basin. Holotype: ZRC 41496.

Distribution: Meklong River basin, Kanchanaburi Province, Thailand; in caves and epigeal habitats (Ng & Kottelat, 1998b).

Pterocryptis burmanensis (Khin-Thant, 1966)

Silurus burmanensis Khin-Thant, 1966: 219, pls. 1–3. Type locality: Inlé Lake, s. Shan State, 23°35'N, 96°57'E, Burma, elev. 2915 ft. Holotype: Zoological Museum, Art and Sciences University of Rangoon 332.

Distribution: Inle Lake, Myanmar.

Pterocryptis cochinchinensis (Valenciennes, 1840)

Silurus Cochinchinensis Valenciennes, in Cuvier & Valenciennes, 1840a: 352 (262 of Strasbourg deluxe edition). Type locality: [Cochinchine]. Syntypes: MNHN 0000-0573 (1), MNHN b-0602 (1).

Distribution: Coastal Rivers of central Vietnam, between Vinh and An Lao (Ng & Freyhof, 2001a); Xijiang [= West River], Jiulongjiang, Hainan Island (Chu *et al.*, 1999); Nam Xam basin, Laos (Kottelat, 2001b).

Pterocryptis crenula Ng & Freyhof, 2001

Pterocryptis crenula Ng & Freyhof, 2001a: 630, fig. 6. Type locality: Vietnam: Quang Ninh province, Hai Ninh district, torrent at km 5 on road from Bac Phong Sinh to Mong Cai, 21°35'31"N, 107°43'52"E. Holotype: ZRC 46317.

Distribution: coastal rivers of northeastern Vietnam (Ng & Freyhof, 2001a).

Pterocryptis cucphuongensis (Mai, 1978)

Silurus cucphuongensis Mai, 1978: 245, fig. 112. Type locality: Cuc Phuong, Vietnam. Holotype: DVZUT 345.

Distribution: Song Luong drainage, northern Vietnam (Ng & Freyhof, 2001a).

Pterocryptis furnessi (Fowler, 1905)

Apodoglanis furnessi Fowler, 1905: 463, fig. 2. Type locality: Baram River, Borneo. Holotype: ANSP 114894; holotype illustrated in Bornbusch (1991a: 1071, fig. 1).

Distribution: Niah and Baram River basins, Sarawak (Bornbusch, 1991a).

Remarks: Redescribed in Bornbusch (1991a).

Pterocryptis gangelica Peters, 1861

Pterocryptis gangelica Peters, 1861: 712. Type locality: Ganges River. Holotype: ZMB 4796; holotype illustrated in Bornbusch (1991a: 1077, fig. 4).

Silurus afghana Günther, 1864: 34. Type locality: Afghanistan [in error: Assam, India]. Holotype: BMNH 1860.3.19.755.

Silurus dukai Day, 1873: 239. Type locality: Darjeeling, India. Syntypes: AMS B.7571 (1), ZSI 1118 (1, lost), ZSI 1232 (1, lost).

Distribution: Northern India (Ng & Chan, 2005).

Remarks: Coad (1981b: 16) discussed the mistake in the reported type locality of *Silurus afghana*. Synonymy of *P. gangelica* and *S. afghana* follows Ng & Chan (2005).

Pterocryptis inusitata Ng, 1999

Pterocryptis inusitata Ng, 1999a: 372, figs. 1–2. Type locality: Laos: Mekong Basin, Nam Theun watershed, Nam Ong at Ban Don. Holotype: ZRC 41455.

Distribution: Nam Kading basin, Mekong River system, Laos (Ng, 1999a).

Pterocryptis taytayensis (Herre, 1924)

Hito taytayensis Herre, 1924a: 703. Type locality: Small fresh-water creek, near Taytay, Palawan, Philippines. Holotype: BSMP 9357 (presumed destroyed).

Hitoichthys taytayensis Herre 1924b: 1570. Type locality: Small fresh-water creek, near Taytay, Palawan, Philippines. Holotype: BSMP 9357 (presumed destroyed).

Penesilurus palawanensis Herre, 1924a: 704. Type locality: Lake Manguao, Palawan, Philippines. Holotype: BSMP (considered destroyed). Also described as new in Herre (1924b: 1570), earliest not established.

Distribution: Palawan, Philippines.

Pterocryptis torrentis (Kobayakawa, 1989)

Silurus torrentis Kobayakawa, 1989: 171, fig. 33. Type locality: Lampae stream, Khaoluk village, Trang, Thailand. Holotype: NSMT-P 50234.

Distribution: Trang and Chataburi, Thailand (Kobayakawa, 1989); Myanmar localities reported by Kobayakawa may refer to specimens of *Pterocryptis berdmorei* (Ng & Freyhof, 2001a).

Pterocryptis verecunda Ng & Freyhof, 2001

Pterocryptis verecunda Ng & Freyhof, 2001a: 636, fig. 9. Type locality: Vietnam: Hai Phong province, Cat Ba Island, Stream near entrance of Trung Trang cave, (20°47'17"N, 107°00'04"E). Holotype: ZRC 46316.

Distribution: Cat Ba Island, northeastern Vietnam (Ng & Freyhof, 2001a).

Pterocryptis wynaadensis (Day, 1873)

Silurus punctatus Day, 1868: 155. Type locality: Stream in Wynaad, India, elev. 3000 ft. Possible syntypes: AMS B.7990 (1), BMNH 1868.5.14.6–7 (2), BMNH 1889.2.1.2521–2522 (2), NMW 77251 (1), ZMB 11221 (1), ZSI 461 (1), ZSI 1233 (1), ZSI A.480 (1). Preoccupied by *Silurus punctatus* Rafinesque, 1818, and *Silurus punctatus* Cantor, 1842.

Silurus wynaadensis Day, 1873c: 237. Type locality: in the Wynaad, in a stream about 3000 ft. above the level of the sea [India]. Possible syntypes: AMS B.7990 (1), BMNH 1868.5.14.6–7 (2), BMNH 1889.2.1.2521–2522 (2), NMW 77251 (1), ZMB 11221 (1), ZSI 461 (1), ZSI 1233 (1), ZSI A.480 (1). Replacement for *Silurus punctatus* Day, 1868.

Distribution: Kerala, India (Ng & Kottelat, 1998b; Jayaram, 1999).

SILURICHTHYS Bleeker, 1856

Silurichthys Bleeker, 1856: 417, 418. Type species: *Silurus phaiosoma* Bleeker, 1851. Type by monotypy. Gender: Masculine.

Revision: Ng & Ng (1998).

Silurichthys citatus Ng & Kottelat, 1997

Silurichthys citatus Ng & Kottelat, 1997: 204, fig. 1. Type locality: Kalimantan Barat, Sungai Sekumpai, a small forest stream flowing into Sungai Pinoh, 0°32'S, 111°39.5'E, Borneo. Holotype: MZB 3670.

Distribution: Kapuas River basin, western Borneo (Ng & Ng, 1998).

Silurichthys gibbiceps Ng & Ng, 1998

Silurichthys gibbiceps Ng & Ng, 1998: 301, figs. 1b, 1j, 2b, 3b, 6. Type locality: Kalimantan Tengah, Sungai Barito basin, Sungai Paku-merah (0°35.171'S, 115°11.398'E) [Indonesia]. Holotype: MZB 6101.

Distribution: Barito River basin, southern Borneo (Ng & Ng, 1998).

Silurichthys hasseltii Bleeker, 1858

Silurichthys Hasseltii Bleeker, 1858: 270. Type locality: Tjisekat, in fluviis. Neotype: RMNH 2992. Illustrated in Bleeker (1862–63: pl. 87 [= Silur. pl. 39], fig. 1).

Distribution: Western Java, Bangka, Bintan, Batam, Singapore, and southern peninsular Malaysia (Ng & Ng, 1998).

Remarks: Species named on illustration that may have been based on RMNH 2992 or on another specimen that was not preserved. In the absence of conclusive evidence that the RMNH specimen was the basis of the illustration, Ng & Ng (1998: 305) selected RMNH 2992 as the neotype of the species.

***Silurichthys indragiriensis* Volz, 1904**

Silurichthys indragiriensis Volz, 1904: 464. Type locality: Kwintang River, near Djapura (Indragari), Sumatra. Holotype: NMW 44622.

Distribution: Central Sumatra, Bintan, Bangka, Billiton and peninsular Malaysia (Ng & Ng, 1998).

***Silurichthys marmoratus* Ng & Ng, 1998**

Silurichthys marmoratus Ng & Ng, 1998: 310, figs. 1e, 1f, 2e, 3e, 11. Type locality: Sarawak: Sungai Sebiris, 13.8 km after Kampung Puteh turnoff, towards Lundu on Sematan-Lundu road (1°41'32"N, 109°47'0.8"E). Holotype: ZRC 40293.

Distribution: Northern and western Borneo (Sarawak, Brunei, and Kalimantan Barat) (Ng & Ng, 1998).

***Silurichthys phaiosoma* (Bleeker, 1851)**

Silurus phaiosoma Bleeker, 1851: 428. Type locality: Sambas, in fluviis. Holotype (82 mm TL): RMNH 6831.

Distribution: Northwestern Borneo (Ng & Ng, 1998).

Remarks: BMNH 1863.12.4.109 (102 mm SL) and BMNH 1864.5.15.5 (79 mm SL, 100 mm TL) are registered as types, but are too large to be the holotype.

***Silurichthys sanguineus* Roberts, 1989**

Silurichthys sanguineus Roberts, 1989a: 151, fig. 119. Type locality: Sungai Tekam, a small forest stream, where it enters Kapuas mainstream about 5–6 km upstream from Sanggau, Western Borneo (Kalimantan Barat, Indonesia). Holotype: MZB 3673; holotype illustrated in Ng & Ng (1998: fig. 13).

Distribution: Kapuas River basin, western Borneo; known only from holotype (Ng & Ng, 1998).

***Silurichthys schneideri* Volz, 1904**

Silurichthys schneideri Volz, 1904: 463. Type locality: Upper Langkat, Danau near Sukaranda [Sumatra]. Holotype: NMW 44623.

Silurichthys leucopodus Fowler, 1939: 56, figs. 4–6. Type locality: Waterfall at Trang, Siam. Holotype: ANSP 68463.

Distribution: Northern Sumatra, northern peninsular Malaysia, southern and southeastern Thailand, and southern Cambodia (Ng & Ng, 1998).

SILURUS Linnaeus, 1758

Silurus Linnaeus, 1758: 304. Type species: *Silurus glanis* Linnaeus, 1758. Type by Linnaean tautonymy. On Official List (ICZN Opinion 77 and Direction 56). Gender: Masculine.

Glanis Agassiz, 1857: 333. Type species: *Glanis aristotelis* Agassiz, 1857. Type by monotypy. Gender: Masculine. Preoccupied by *Glanis* Spix & Agassiz, 1829, in fishes.

Parasilurus Bleeker, 1862b: 392, 394. Type species: *Silurus japonicus* Temminck & Schlegel, 1846. Type by original designation. Gender: Masculine. Also in Bleeker (1862–63: 17).

Revision: Kobayakawa (1989), *Silurus* sensu lato, including *Pterocryptis*.

Remarks: The name *Duanensis* appears in the title of Hu *et al.* (2004) as a generic name for a species referred to in the text as a species of *Silurus*. *Duanensis* is considered a *lapsus calami* and, therefore, a *nomen nudum*.

***Silurus aristotelis* Agassiz, 1857**

Glanis Aristotelis Agassiz, 1857: 333. Type locality: Greece. Syntypes: MCZ 7938 (6), USNM 55895 (1).

Silurus (Parasilurus) aristotelis Garman, 1890: 56. Type locality: Achelouïs River, Acarnania, Greece. Syntypes: MCZ 7938 (6), USNM 55895 (1).

Distribution: Balkan Peninsula, Greece (Kobayakawa, 1989).

***Silurus asotus* Linnaeus, 1758**

Silurus Asotus Linnaeus, 1758: 304. Type locality: Asia. Type(s): Whereabouts unknown. Neotype designation by

Chen (1977: 206, 216) apparently valid inasmuch as ten specimens were all designated as a collective neotype (M. Kottelat, pers. commun.).

Silurus inermis Houttuyn, 1782: 338. Type locality: Japanese. No types known. Preoccupied by *Silurus inermis* Linnaeus, 1766; effectively replaced by *Silurus imberbis* Gmelin, 1789.

Silurus dauuricus Pallas 1787: 359, pl. 11 (fig. 11). Type locality: Ingoda, Onone et Arguno Dauuriae fluiis. Type(s) (20" 3" TL): possibly at ZIN or ZMB.

Silurus imberbis Gmelin, 1789:1361. Type locality: Japonia. On *Silurus inermis* Houttuyn and effectively replacing that name. Apparently intended as a new name to avoid the homonymy with *Silurus inermis* Linnaeus, 1766.

Centranodon japonicus La Cepède, 1803: 138, 139. Type locality: Japan. On *Silurus inermis* Houttuyn (1782: 338, no. 27) and *Silurus imberbis* Gmelin.

Silurus punctatus Cantor, 1842: 485. Type locality: Chusan [China]. Syntypes: BMNH 1968.3.11.29 (3); possibly BMNH 1843.7.21.6, BMNH 1843.7.21.24, and BMNH 1843.7.21.25 (not found), also BMNH 1860.3.19.736–737 (2), BMNH 1860.3.19.785–786 (2). Preoccupied by *Silurus punctatus* Rafinesque, 1818; apparently not replaced.

Silurus xanthosteus Richardson, 1845: 133, pl. 56 (figs. 12–14). Type locality: Chusan, Canton, China. Syntypes (3): BMNH 1968.3.11.29 (1) and specimen used for drawing by Reeves.

Silurus japonicus Temminck & Schlegel, 1846, in Temminck & Schlegel, 1843–50: 226, pl. 104 (fig. 1). Type locality: Nagasaki, Japan. Lectotype: RMNH D675, designated by Boeseman (1947: 169).

Silurus cinereus Dabry de Thiersant, 1872: 189, pl. 47 (fig. 1). Type locality: Yang-tsee-kiang [China]. Type(s): possibly at MNHN.

Silurus bedfordi Regan, 1908g: 61, pl. 2 (fig. 3). Type locality: Kimhoa [and] Chong-ju, Corea. Syntypes: BMNH 1907.12.10.66 (1), BMNH 1907.12.10.67 (1).

? *Parasilurus asotus longus* Wu, 1930a: 255, fig. 1. Type locality: Creek at Tian-Tai Mountain, Chekiang [Zhejiang], China. Syntypes (2): possibly at MNHN. Originally as *Parasilurus asotus* var. *longus*.

Distribution: Zhujiang [= Pearl River], Changjiang [=Yangtze River], Huanghe [= Yellow River], Heilongjiang [= Amur River], China (Chu *et al.*, 1999); Southern Hokkaido to Kyushu, Japan, as well as Taiwan, and northern Vietnam (Matsuura *et al.*, 2000); Common throughout Korea (Mori, 1952).

Remarks: Treated as valid as *Parasilurus asotus* in some recent publications.

Silurus biwaensis (Tomoda, 1961)

Parasilurus biwaensis Tomoda, 1961: 348, fig. 1. Type locality: Offshore of Onoé, Lake Biwa-ko, Japan. Holotype: MIKU 34407 [now at FAKU].

Distribution: Lake Biwa, Japan (Matsuura *et al.* 2000); reported from the Ueno Formation, Pliocene of ancient Lake Biwa, by Kobayakawa & Okuyama (1994a, b).

Silurus duanensis Hu, Lan & Zhang, 2004

Silurus duanensis Hu, Lan & Zhang, 2004: 586, 589, figs. 1–2. Type locality: underground rivers of Disu Town (23°34'N, 108°01'E), Du'an County, Guangxi [China]. Holotype: ASIZB 73176.

Distribution: Hongshui River basin, Pearl River drainage, China (Hu *et al.*, 2004).

Silurus glanis Linnaeus, 1758

Silurus glanis Linnaeus, 1758: 304. Type locality: Oriente, minus frequens in Europae lacubus. Syntypes: BMNH 1853.11.12.168 (1, skin), NRM 59 (1). Placed on Official List as type of *Silurus* (ICZN Direction 57).

Silurus silurus Wulff, 1765: 33. Type locality: Germany. No types known.

Silurus glanis aralensis Kessler, 1872: 48. Type locality: Amu-Darya, Syr-Darya, and Zeravshan rivers, cent. Asia. Syntype (3): ZISP 2071 (1). Originally as *Silurus glanis* var. *aralensis*.

? *Silurus chantrei* Sauvage, 1882: 163. Type locality: Fleuve Koura à Tiflis. Syntypes: MNHN a-3932 (2); described in more detail and illustrated in Sauvage (1884b: 19, pl. 1, fig. 1).

Distribution: Danube basin, all Baltic basin drainages, Elbe River, Lake Constance, Murtensee, and Rivers draining the Caspian, Azov and Aral Seas (Lelek, 1987); Lake Urmia, Tedhzen River and possibly Tigris River basin (Coad, 1995), widely introduced elsewhere in Europe, including Great Britain, France, Italy, the Iberian Peninsula, and rivers flowing into the Arctic Ocean.

Silurus grahami Regan, 1907

Silurus grahami Regan, 1907a: 64. Type locality: Chien Kiung Lake, 30 mi. southeast of Yunnan Fu, China. Holotype: BMNH 1907.5.4.46.

Distribution: Fuxian Lake, Yunnan, China (Chu *et al.*, 1999)

***Silurus lanzhouensis* Chen, 1977**

Silurus lanzhouensis Chen, 1977: 210, pl. 2 (fig. 8). Type locality: [Yellow River system, Lanchow and Inner Mongolia, China]. Syntypes: Mus. Inst. Hydrobiol. Acad. Sinica, Hupei [LAN] 001-003 (3), [NEI] 004-005 (2), [NEI] 769739-42 (4).

Distribution: Changjiang [=Yangtze River], Zhujiang [= Pearl River], Minjiang (Chu *et al.*, 1999).

***Silurus lithophilus* (Tomoda, 1961)**

Parasilurus lithophilus Tomoda, 1961: 350, fig. 2. Type locality: Near Onoé, Lake Biwa-ko, Japan. Holotype: MIKU 34411 [now at FAKU].

Distribution: Lake Biwa and Lake Yogo, Japan (Masuda *et al.*, 1984).

***Silurus mento* Regan, 1904**

Silurus mento Regan, 1904a: 192. Type locality: Sea of Tien [Tien Chih], Yunnan Fu, China, elev. 6000 ft. Syntypes: BMNH 1904.1.26.40–41 (2).

Distribution: Lakes of Dianchi and Yilong, Yunnan, China (Chu *et al.*, 1999)

***Silurus meridionalis* Chen, 1977**

Silurus soldatovi meridionalis Chen, 1977: 209, pl. 2 (fig. 7). Type locality: [Yangtze R. system, China]. Syntypes: ? Mus. Inst. Hydrobiol. Acad. Sinica, Hupei 101–102 (2), 0719 (1), 66.5.194–195 (2), 731419 (1), 731494 (1), 746003 (1), 746008–09 (2).

Distribution: Yangtze River basin, China.

***Silurus microdorsalis* (Mori, 1936)**

Parasilurus microdorsalis Mori, 1936: 671, pl. 24 (fig. 1). Type locality: River Rakuto at Ei-yo, South Chosen [Korea]. Holotype: At Preparatory Department of Keijo Imperial University.

Distribution: Yalujiang [= Amnok River], China (Chu *et al.*, 1999); Upper reaches of the Yalu, Han, Kim, Naktong and Anpyeng Rivers, Korea (Mori, 1952).

***Silurus soldatovi* Nikolsky & Soin, 1948**

Silurus soldatovi Nikolsky & Soin, 1948: 1359, fig. 1. Type locality: [Amur River, Lake Kabar at Elabuga, Khabarovskiy Krai, Russia]. Holotype: ZMMU P-6505.

Distribution: Heilongjiang [=Amur River] China and Russia; Liaohe, China (Chu *et al.*, 1999)

***Silurus triostegus* Heckel, 1843**

Silurus triostegus Heckel, 1843: 1090, pl. 13 (fig. 1). Type locality: dem Tigris bei Mossul. Syntypes (4): at NMW, SMF 2623 (1).

Distribution: Tigris River basin (Coad, 1995); Euphrates River, Turkey (Ünlü & Bozkurt, 1996).

WALLAGO Bleeker, 1851

Wallago Bleeker, 1851b: 265. Type species: *Silurus Mülleri* Bleeker, 1846. Type by subsequent designation by Bleeker (1862: 17, 79). Gender: Masculine.

Silurodon Kner, 1866: 546. Type species: *Silurodon hexanema* Kner, 1866. Type by monotypy. Gender: Masculine. Also described as new in Kner (1867: 305).

Wallagonia Myers, 1938: 98. Type species: *Wallago leerii* Bleeker, 1851. Type by original designation. Gender: Feminine.

Remarks: See Myers (1938: 98, 1948: 19) and Kottelat (2000b: 87) concerning the history of problems surrounding designation of type species of *Wallago*.

Revision, with key to species: Roberts (1982b).

***Wallago attu* (Bloch & Schneider, 1801)**

Silurus attu Bloch & Schneider, 1801: 378, pl. 75. Type locality: in lacubus Malabaricae. Holotype: ZMB 8783 (dry, lost). As *Silurus athu* in text and index, *Silurus attu* on plate; first reviser apparently Bleeker (1862–63: 79) in which *Wallago attu* is treated as valid over *Wallago athu* [sic.].

Silurus boalis Hamilton, 1822: 154, 375, pl. 29 (fig. 49). Type locality: Rivers not only of the Gangetic provinces,

but all over India, and is occasionally found in ponds. No types known.

Silurus (Callichrus) macrostomus Swainson, 1839: 306. Type locality: Rivers not only of the Gangetic provinces, but all over India, and is occasionally found in ponds. No types known. Name made available by reference to "Ham. 154, pl. 29, fig. 49" [= Hamilton, 1822: 154, 375, pl. 29 (fig. 49)]. Unneeded new name for *Silurus boalis* Hamilton, 1822.

Silurus Wallago Valenciennes, in Cuvier & Valenciennes, 1840a: 354. Type locality: Bengale, la côte de Coromandel, pays des Birmans. Syntypes: based on specimens at MNHN and literature accounts in Bloch & Schneider (1801), Russell (1803), and Hamilton (1822).

Silurus Mülleri Bleeker, 1846b: 289. Type locality: Batavia. Type(s): Whereabouts unknown.

Wallago Russellii Bleeker, 1854c: 108. Type locality: Calcutta, in fluminae Hooghly ... Batavia, in fluviis. Syntypes (4, 285–485 mm TL): Whereabouts unknown, and numerous literature citations.

Wallago attu valeyae Deraniyagala, 1953: 45. Type locality: Yakvala, Ceylon. Holotype: NMSL FF187; illustrated in Deraniyagala (1952: pl. 13, as *Wallagonia attu*).

Distribution: India, Malay Peninsula, Sumatra, Java, and Mekong and Chao Phraya River basins (Kottelat, 2001b).

Remarks: Redescribed in Hora (1939b) as *Wallagonia attu*.

Wallago leerii Bleeker, 1851

Wallago Leerii Bleeker, 1851e: 427. Type locality: Sambas et Palembang, in fluviis. Syntypes (2, 225, 230 mm TL): RMNH 6833 (2 of 4).

Wallago nebulosus Vaillant, 1902: 46. Type locality: Tepoe, bords du Mahakam, Bornéo central. Holotype: RMNH 7812; holotype illustrated by Roberts (1982b: fig. 3a).

Wallagonia tweediei Hora & Misra, in Hora & Gupta, 1941: 18, figs. 2–3. Type locality: Kuala Tahan, Pahang, Malaysia. Holotype: ZRC 350 (plaster cast with head and fins built in); ZSI F13365/1 (right anterior gill arch of holotype).

Distribution: Malay Peninsula, Sumatra and Borneo (Kottelat, 2001b; Ng, 2004a).

Wallago maculatus Inger & Chin, 1959

Wallago maculatus Inger & Chin, 1959: 279. Type locality: Kinabatangan River at Deramakot, Kinabatangan District, North Borneo. Holotype: FMNH 68038.

Distribution: Kinabatangan River, Borneo; known only from type series (Roberts (1982b)).

Wallago micropogon Ng, 2004

Wallago micropogon Ng, 2004a: 93, fig. 1. Type locality: Cambodia: Stung Treng morning market (13°30.0'N, 105°58.0'E). Holotype: UMMZ 232320.

Distribution: Mekong River basin of Cambodia, Laos and Vietnam, and middle Chao Phraya River basin (Ng, 2004a).

Species inquirenda, Wallago

Silurodon hexanema Kner, 1866: 546. Type locality: Von Schanghai. Holotype (6 1/3"): at NMW. Described in more detail and illustrated in Kner (1867: 305, pl. 12, fig. 2 [as *Wallago attu* ?]).

Species inquirendae, Siluridae

Silurus sinensis La Cepède, 1803: 58, 82, pl. 2 (fig. 1). Type locality: China. No types known: based on an unpublished drawing.

Silurus sinensis M'Clelland, 1844a: 402. Type locality: China. No types known. Preoccupied by *Silurus sinensis* La Cepède, 1803.

Silurichthys basilewskii Bleeker, 1858b: 256. Type locality: China borealis. Based on specimens identified as *Silurus asotus* in Basilewsky (1855). Originally *Silurichthys ? basilewskii*.

Belodontichthys javanensis Hardenberg, 1938: 311. Type locality: Fish market of Batavia. Holotype (215 mm): Whereabouts unknown.

† *Silurus altus* Sytchevskaya, 1989. [No other information; in Gayet & Meunier, 2003].

Distribution: middle Miocene to lower Pliocene, Russia; Lower/Middle Miocene, China; Miocene or Pliocene of Tueirusia Formation, Russia (Gayet & Meunier, 2003).

† *Heterobranchus austriacus* Thenius, 1952. [No other information; in Gayet & Meunier, 2003].

Distribution: Bruun-Vösendorf, Austria, Pannonian (Gayet & Meunier, 2003).

Remarks: Included in Siluridae and probably *Silurus* by Gayet & Meunier (2003), following Gaudant (1994).

† *Silurus glanis atavus* Bogačew, 1924. [No additional information; from Weiler, 1956: 187.]

SISORIDAE Bleeker, 1858

Sisorichthyoidei Bleeker, 1858b: 48, 50. Type genus: *Sisor* Hamilton, 1822.

Glyptosterni Gill, 1861c: 53. Type genus: *Glyptosternon* M'Cllelland, 1842.

Erethistides Bleeker, 1862 (in Bleeker, 1862–63): 13. Type genus: *Erethistes* Müller & Troschel, 1849.

Bagarina Günther, 1864: 3, 9, 183. Type genus: *Bagarius* Bleeker, 1854.

Exostomatina Günther, 1864: 264. Type genus: *Exostoma* Blyth, 1860.

Continae de Pinna, 1996: 64. Type genus: *Conta* Hora, 1950.

Glyptothoracini de Pinna, 1996: 64. Type genus: *Glyptothorax* Blyth, 1860.

Laguvia de Pinna, 1996: 65. Type genus: *Laguvia* Hora, 1921.

Pseudecheneidina de Pinna, 1996: 64. Type genus: *Pseudecheneis* Blyth, 1860.

Revision: Hora & Silas (1952a, glyptosternoids).

Review: Chu (1986, western China); Chu & Kuang (1990, Yunnan, China); Chu & Mo (1999, China); Menon (1999, India); Mirza & Hameed (1974, Pakistan).

Phylogeny: de Pinna (1996); Diogo *et al.* (2002, 2003b); Hora & Silas (1952b, glyptosternoids), Chu (1979, glyptosternoids), He (1996b, glyptosternoids), Peng *et al.* (2004, glyptosternoids), Guo *et al.* (2005, glyptosternoids).

Identification guide: Jayaram (1979, South Asia).

Historical biogeography: Hora & Silas (1952b), He (1995, glyptosternoids).

Remarks: In 1996, de Pinna removed several taxa from the Sisoridae and placed them into the family Erethistidae. Those taxa, placed herein within the genera *Conta*, *Erethistes*, *Erethistoides*, *Hara* and *Pseudolaguvia*, together with the subsequently named genera *Ayarnangra* and *Caelatoglanis*, appear instead to be part of a natural subgroup within the Sisoridae that includes the genus *Glyptothorax* and possibly others, but not the glyptosternoid genera (Ferraris & Britz, 2005; pers. obs.; and pers. commun., H. H. Ng, 2005). Therefore, the taxa placed in the Erethistidae by de Pinna are returned to the Sisoridae.

22 genera, 167 species; 1 named fossil species.

Incertae sedis

Laguvia manipurensis Arunkumar, 2000

Laguvia manipurensis Arunkumar, 2000: 194, fig. 1. Type locality: Lairaok Maru stream near Moreh, 110 km from Imphal City, Manipur, India. Holotype: MUMF 3001/1A.

Distribution: Yu River basin, Chindwin River basin, Manipur, India (Arunkumar, 2000).

Remarks: Although described as a species of *Laguvia*, neither the description nor the illustration are sufficient to assign this species to genus or even family.

AYARNANGRA Roberts, 2001

Ayarnangra Roberts, 2001: 83. Type species: *Ayarnangra estuarius* Roberts, 2001. Type by original designation.

Gender: Masculine.

Ayarnangra estuarius Roberts, 2001

Ayarnangra estuarius Roberts, 2001: 84, figs. 1–3. Type locality: Pathein Chaung (=Ngawan Chaung) near Pathein, lower Ayeyarwaddy basin, Myanmar. Holotype: KUMF 3190.

Distribution: Coastal portions of Irrawaddy and Bago rivers, Myanmar.

BAGARIUS Bleeker, 1854

Bagarius Bleeker, 1854c: 121. Type species: *Pimelodus bagarius* Hamilton, 1822. Type by monotypy. Gender: Masculine.

Revision: Roberts (1983).

Bagarius bagarius (Hamilton, 1822)

Pimelodus bagarius Hamilton, 1822: 186, 378, pl. 7 (fig. 62). Type locality: Ganges River. No types known.

Pimelodus platespogon Valenciennes, 1840, in Jacquemont, 1835–44: pl. 18 (fig. 3). Type locality: l'Inde. Holotype: MNHN 0000-2904 (1 of 2). Name made available by plate caption, therefore the illustrated specimen is the holotype if distinguishable.

Bagarius Buchanani Bleeker, 1854c: 121. Type locality: Calcutta, in flumine Hooghly; Surakata, Javae centrals, in flumine Pepeh. Syntype (3): possibly NMV 46015 (1). Considered to be an unneeded new name for *Pimelodus bagarius* Hamilton by Roberts (1983), to avoid Stricklandian tautonymy.

Distribution: Mekong, Chao Phraya and Ganges River basins (Kottelat, 2001b).

Remarks: Redescribed in Hora (1939a).

† ***Bagarius gigas*** Gunther, 1876

† *Bagarius gigas* Gunther, 1876: 436, pl. 16, fig. 1. Type locality: Highlands of Padang, Sumatra; Tertiary. Holotype BMNH 47513 (Imperfect pectoral arch, etc.).

Distribution: Highlands of Padang, Sumatra; reportedly from Eocene, but age questioned by Gayet & Meunier (2003).

Remarks: See Sanders (1934) for additional information.

Bagarius rutilus Ng & Kottelat, 2000

Bagarius rutilus Ng & Kottelat, 2000b: 10, fig. 3. Type locality: Market in Hanoi, Viet Nam. Holotype: ZRC 40440.

Distribution: Nam Xan and Nam Ma basins, Laos, and Red River basin, Viet Nam and China (Kottelat, 2001b).

Bagarius suchus Roberts, 1983

Bagarius suchus Roberts, 1983: 442, figs. 2c, 4. Type locality: Thailand, Kemrat. Holotype: ANSP 89521.

Distribution: Mekong and Chao Phraya River basins (Kottelat, 2001b).

Bagarius yarrelli (Sykes, 1839)

Bagrus Yarrelli Sykes, 1839: 163. Type locality: Mota Mola at Poona, Deccan, India. Type(s): Whereabouts unknown. Also described as new in Sykes (1840: 60); illustrated and described in more detail in Sykes (1841: 370, pl. 65, fig. 1).

Pimelodus Carnaticus Jerdon, 1849: 341. Type locality: Bowany River, southern India. No types known.

Bagarius lica Volz, 1903a: 557. Type locality: Moresi R. at Palembang, Sumatra. Holotype: at NMBE. Described in more detail in Volz (1903b: 391).

Bagarius Nieuwenhuisii Popta, 1904: 190. Type locality: le Bo, Bornéo central. Holotype: RMNH 7561; described in more detail, with illustration of holotype, in Popta (1906: 66, pl. 4, fig. 14).

Distribution: Widely distributed in southern and southeastern Asia (Kottelat, 2001b).

CAELATOGLANIS Ng & Kottelat, 2005

Caelatoglanis Ng & Kottelat, 2005: 14. Type species: *Caelatoglanis zonatus* Ng & Kottelat, 2005. Type by original designation. Gender: Masculine.

Caelatoglanis zonatus Ng & Kottelat, 2005

Caelatoglanis zonatus Ng & Kottelat, 2005: 14, fig. 2. Type locality: Myanmar, Kayin State, stream “Chon Son” between Kyondaw and Phadaw, about 20 km NW of Payathouzu, (at border with Thailand), 15°25'N, 98°15'E. Holotype: ZRC 49885.

Distribution: Ataran River basin, Myanmar (Ng & Kottelat, 2005).

CONTA Hora, 1950

Conta Hora, 1950: 194. Type species: *Pimelodus conta* Hamilton, 1822. Type by original designation. Gender: Fem-

inine.

Conta conta (Hamilton, 1822)

Pimelodus conta Hamilton, 1822: 191, 378. Type locality: River Mahananda [Bengal]. No types known. Previously unpublished Hamilton illustration reproduced in Hora (1929: pl. 21, fig. 8), and subsequently reproduced in Hora (1950: 297, fig. 4a) and Ng (2005a: 28, fig. 6).

Hara elongata Day, 1872: 704. Type locality: Stream near Garrow hills. Holotype: ZSI 436. Illustration of holotype first published in Day (1877: pl. 92, fig. 5) and reproduced in Ng (2005a: 28, fig. 7).

Distribution: Bhareli and Mahananda Rivers, northeast Bengal, Garo Hills, Meghalaya; and Bangladesh (Jayaram, 1979); also Sarda River, Uttar Pradesh (Tilak, 1987).

Conta pectinata Ng, 2005

Conta pectinata Ng, 2005a: 24, fig. 1. Type locality: India: Assam: Dibrugarh. Holotype: ZRC 49672.

Distribution: Middle Brahmaputra River basin, Assam, India (Ng, 2005a).

ERETHISTES Müller & Troschel, 1849

Erethistes Müller & Troschel, 1849: 12. Type species: *Erethistes pusillus* Müller & Troschel, 1849. Type by monotypy. Gender: Masculine.

Erethistes maesotensis Kottelat, 1983

Erethistes maesotensis Kottelat, 1983: 71, figs. 1–2. Type locality: Thailand: Tak province: Mae Nam Moei, 5 km W of Mae Sot (16°41'N, 98°31'E). Holotype: MHNG 2096.63.

Distribution: Mae Nam Moei, Salween River basin, Thailand (Kottelat, 1983).

Erethistes pusillus Müller & Troschel, 1849

Erethistes pusillus Müller & Troschel, 1849: 12, pl. 1 (fig. 3). Type locality: Assam. Holotype: ZMB 3102; holotype illustration reproduced by Hora (1950: 187, pl. 1, fig. 5, as *Erethistes pussilus*).

Distribution: Ganges River basin, Assam, India.

ERETHISTOIDES Hora, 1950

Erethistoides Hora, 1950: 190. Type species: *Erethistoides montana* Hora, 1950. Type by original designation. Gender: Masculine.

Erethistoides ascita Ng & Edds, 2005

Erethistoides ascita Ng & Edds, 2005a: 240, fig. 1. Type locality: Nepal: Jhapa, Bhadrapur, Mechi River at Bhadrapur, 26°32'17.9"N, 88°6'6.1"E. Holotype: KU 35016.

Distribution: Rivers of lowland plains of southeastern Nepal (Ng & Edds, 2005a).

Erethistoides cavatura Ng & Edds, 2005

Erethistoides cavatura Ng & Edds, 2005a: 243, fig. 5. Type locality: Nepal: Chitawan, Dhungre River at Sauraha. Holotype: OSUS 15572.

Distribution: Narayani River basin, Nepal (Ng & Edds, 2005a).

Erethistoides montana Hora, 1950

Erethistoides montana Hora, 1950: 191, pl. 1 (figs. 10–12). Type locality: Streamlets round about Tangla, Darrang district, Assam [India]. Holotype: ZSI F314/2.

Distribution: Brahmaputra River basin, India (Ng, 2005f).

Erethistoides pipri Hora, 1950

Erethistoides montana pipri Hora, 1950: 193, pl. 1 (figs. 7–9). Type locality: Pipri, Rihand River, Mirzapur district, U. P. [India]. Holotype: ZSI F315/2.

Distribution: Rihand River, Uttar Pradesh, India (Hora, 1950); known only from holotype (Jayaram, 1979).

Erethistoides sicula Ng, 2005

Erethistoides sicula Ng, 2005f: 2, fig. 1. Type locality: India: West Bengal, Schutunga River (tributary of the Mansai River) as Ansole, 26°22'24"N 89°11'17"E. Holotype: UMMZ 243718.

Distribution: Mansai River drainage, Brahmaputra River basin, India (Ng, 2005f: 6).

EUCHILOGLANIS Regan, 1907

Chimarrichthys Sauvage, 1874: 332. Type species: *Chimarrichthys davidi* Sauvage, 1874. Type by monotypy. Gender: Masculine.

Euchiloglanis Regan, 1907c: 158. Type species: *Chimarrichthys davidi* Sauvage, 1874. Type by being a replacement name. Gender: Masculine. Proposed as a replacement for *Chimarrichthys* Sauvage, 1874, then considered to be preoccupied by *Cheimarrichthys* Haast, 1874, in fishes.

Coraglanis Hora & Silas, 1952a: 12. Type species: *Euchiloglanis kishinouyei* Kimura, 1934. Type by original designation. Gender: Masculine.

Remarks: *Chimarrichthys* Sauvage, 1874, is not actually preoccupied by *Cheimarrichthys* Haast, 1874, but the name has apparently not been used as valid since Regan (1907c) proposed *Euchiloglanis* as a replacement. The prevailing usage requirements of the Code require that *Euchiloglanis* be treated as valid here. *Coraglanis* Hora & Silas is generally treated as valid as a monotypic genus for *Coraglanis kishinouyei* in Indian literature. He (1996b) indicated that *Euchiloglanis kishinouyei* shared derived characters uniquely with *Euchiloglanis davidi* and placed the two into *Euchiloglanis*.

Euchiloglanis davidi (Sauvage, 1874)

Chimarrichthys Davidi Sauvage, 1874: 333. Type locality: Yao-Tchy, Thibet oriental. Syntypes: BMNH 1923.3.13.1 (1), MNHN 0000-6273 (3), MNHN 0000-6274 (3).

Distribution: Chinijiang, Sichuan (Chu *et al.*, 1999); eastern Tibet.

Euchiloglanis kishinouyei Kimura, 1934

Euchiloglanis Kishinouyei Kimura, 1934: 178, pl. 6. Type locality: Kwan-hsien, Szechwan Province, China. Holotype: at Laboratory of Biological Department of the Shanghai Science Institute, Shanghai.

Distribution: Jinshajiang [upper Yangtze River basin] (Chu *et al.*, 1999).

EXOSTOMA Blyth, 1860

Exostoma Blyth, 1860: 155. Type species: *Exostoma bermorei* Blyth, 1860. Type by subsequent designation, by Bleeker (1862–1863: 13). Gender: Neuter.

Remarks: See Regan (1923) for comments on this genus.

Exostoma bermorei Blyth, 1860

Exostoma Bermorei Blyth, 1860: 155. Type locality: Tenasserim [Burma]. Syntypes: ASB 597 (2), (now at ZSI). Possible syntype: ASB 600.

Distribution: Eastern Myanmar.

Exostoma labiatum (M'Clelland, 1842)

Glyptosternon labiatum M'Clelland, 1842: 588. Type locality: Mishmee Hills Upper Assam [India]. Holotype: BMNH 1860.3.19.97.

Distribution: Yaluzangbujiang [= upper Brahmaputra River], and Irrawaddy River (Chu *et al.*, 1999).

Species inquirendae, Exostoma

Glyptosternum chaudhuri Hora, 1923b: 41, fig. 7. Type locality: Putao Plains, northern frontier of Burma. Holotype: ZSI F9741/1. Treated as a synonym of either *E. labiatum* or *E. vinciguerrae*.

Glyptosternum stuarti Hora, 1923b: 39, pl. 2 (figs. 4–6). Type locality: Nam-Yak River at Tanja, on the northern frontier of Burma. Holotype: ZSI F9742/1. Treated either as valid or as a synonym of *E. labiatum*.

Exostoma Vinciguerrae Regan, 1905a: 184. Type locality: Khakhyen Hills, upper Burma. Holotype: BMNH 1893.2.16.17. Treated either as valid or as a synonym of *E. labiatum*. See Steinitz (1961) for comments on taxonomy.

GAGATA Bleeker, 1858

Gagata Bleeker, 1858b: 204, 206. Type species: *Pimelodus gagata* Hamilton, 1822. Type by absolute tautonymy. Gender: Feminine.

Callomystax Günther, 1864: 218. Type species: *Pimelodus gagata* Hamilton, 1822. Type by being a replacement name. Gender: Masculine. Unneeded replacement for *Gagata* Bleeker, 1858.

Revision: Hora & Law (1941); Roberts & Ferraris (1998).

Gagata cenia (Hamilton, 1822)

Pimelodus cenia Hamilton, 1822: 174, 376, pl. 31 (fig. 57). Type locality: Northern parts of Bengal, where it frequents rivers. No types known.

Distribution: Ganges, Indus and Mahanadi river basins (Roberts & Ferraris, 1998).

Gagata dolichonema He, 1996

Gagata dolichonema He, 1996a: 380, fig. 1. Type locality: Daojieba of Baoshan County, (24°41'N, 99°10'E), Yunnan Province, China. Holotype: IHASW 791.

Gagata gasawuyuh Roberts & Ferraris, 1998: 325, figs. 6–7. Type locality: Myanmar, Tenasserim River mainstream upstream from Kita (or Htee-tah). Holotype: CAS 95544.

Distribution: Upper Salween River basin, China and Irrawaddy, Salween and Tenasserim River basins, Myanmar (Roberts & Ferraris, 1998).

Remarks: Synonymy based on recent examination of specimens from the vicinity of the type locality of *Gagata dolichonema*, and photograph of the holotype.

Gagata gagata (Hamilton, 1822)

Pimelodus gagata Hamilton, 1822: 197, 379, pl. 39 (fig. 65). Type locality: Fresh water rivers and estuaries of Bengal. No types known.

Gagata typus Bleeker, 1863c: 90. Type locality: Fresh water rivers and estuaries of Bengal. No types known. Unneeded new name for *Pimelodus gagata* Hamilton, 1822.

Distribution: Ganges River basin, India and Bangladesh (Roberts & Ferraris, 1998).

Gagata itchkeea (Sykes, 1839)

Phractocephalus itchkeea Sykes, 1839: 164. Type locality: Deccan, India. Type(s): at BMNH. Also described as new in Sykes (1840: 61) Illustrated and described in more detail in Sykes (1841: 373, pl. 67, fig. 1).

Arius pumilus Valenciennes, 1840, in Jacquemont, 1835–44: pl. 18 (fig. 1). Type locality: Inde. Syntypes: MNHN 0000-1208 (8). Name made available from caption on plate.

Distribution: Narmada, Krishna and Cauvery River basins, India (Roberts & Ferraris, 1998).

Remarks: Synonymy of *Arius pumilus* based on examination of types; illustrated specimen of *A. pumilus* is arguably a holotype, but it could not be readily distinguished from remaining specimens.

Gagata melanoptera Roberts & Ferraris, 1998

Gagata melanopterus Roberts & Ferraris, 1998: 330, fig. 10. Type locality: Myanmar: Yangon Division, Hlaing River, 16°53'41"N, 96°05'28"E. Holotype: USNM 348852.

Distribution: Irrawaddy, Rangoon, Sittang and lower Salween River basins, Myanmar (Roberts & Ferraris, 1998).

Gagata pakistanica Mirza, Parveen & Javed, 1999

Gagata pakistanica Mirza, Parveen & Javed, 1999: 1, fig. 1. Type locality: River Indus near Ghazi, Pakistan. Holotype: Disposition not stated in publication, but presumably deposited at GCM.

Distribution: Indus River, Pakistan (Mirza, 2003).

Gagata sexualis Tilak, 1970

Gagata sexualis Tilak, 1970b: 207, fig. 1. Type locality: North Koel River at Daltonganj (Chotanagpur) [South Bihar, India]. Holotype: ZSI F5592/2.

Gagata youssoufi Aatur Rahman, 1976: 5, fig. 1. Type locality: river Meghna near Chandpur, Bangladesh. Holotype: at Museum of Freshwater Fisheries Research Station, Chandpur, Bangladesh.

Distribution: Ganges and Brahmaputra River basins (Roberts & Ferraris, 1998).

Remarks: Synonymy based on Heok Hee Ng (pers. comm., 2003).

GLARIDOGLANIS Norman, 1925

Glaridoglanis Norman, 1925b: 574. Type species: *Exostoma andersonii* Day, 1870. Type by monotypy. Gender: Masculine.

Glaridoglanis andersonii (Day, 1870)

Exostoma andersonii Day, 1870b: 524. Type locality: Hotham; and Pensee, China. Possible syntypes: ZSI F9173-74/1 [? = A.595] (2), ZSI A.596 (2, lost), AMS B.8081 (1).

Distribution: Yaluzangbujiang [= upper Brahmaputra River], and Irrawaddy River, China (Chu *et al.*, 1999).

GLYPTOSTERNON M'Clelland, 1842

Glyptosternon M'Clelland, 1842: 584. Type species: *Glyptosternon reticulatus* M'Clelland, 1842. Type by subsequent designation by Bleeker (1862–63: 12). Gender: Neuter

Glyptosternum Agassiz, 1846: 164. Type species: *Glyptosternon reticulatus* M'Clelland, 1842. Unjustified emendation of *Glyptosternon* M'Clelland, 1842. Gender: Neuter.

Parexostoma Regan, 1905a: 182. Type species: *Exostoma stoliczkae* Day, 1877. Type by subsequent designation, apparently by Jordan (1920: 515). Gender: Neuter.

Remarks: Blyth (1860: 154) restricted *Glyptosternon* to a single species, but did not, by that action, designate that species, *G. reticulatus*, as type. See Regan (1923) for comments on this genus.

Glyptosternon akhtari Silas, 1952

Glyptosternum akhtari Silas, in Hora & Silas, 1952a: 11, pl. 1 (figs. 4–6). Type locality: Bamian River, Oxus watershed, Afghanistan. Holotype: ZSI F643/2.

Distribution: Bamian River, Oxus watershed, Afghanistan (Hora & Silas, 1952a).

Glyptosternon maculatum (Regan, 1905)

Parexostoma maculatum Regan, 1905a: 183. Type locality: Lhasa, Tibet. Syntypes: BMNH 1904.12.28.87–88 (2).

Distribution: Yaluzangbujiang [= upper Brahmaputra River] (Chu *et al.*, 1999).

Glyptosternon malaisei Rendahl & Vestergren, 1941

Glyptosternon malaisei Rendahl & Vestergren, 1941: 213. Type locality: Kambaiti, Kachin State, Irrawaddy River drainage, Burma, 7000 ft. elev. Holotype: NRM 10721.

Distribution: Irrawaddy River drainage, northern Myanmar (Rendahl & Vestergren, 1941).

Glyptosternon reticulatum M'Clelland, 1842

Glyptosternon reticulatus M'Clelland, 1842: 584. Type locality: Sir-i-Chusma, at the source of the Cabul River [Afghanistan]. No types preserved. Name spelled *Glyptosternon retuculatus* and *Glyptosternon reticulatus* in original description; Kullander *et al.* (1999: 146) apparently serve as first revisers in selecting *reticulatus*.

Exostoma stoliczkae Day, 1877b: 782. Type locality: Upper waters of the Indus River. Possible syntypes: AMS I.122 (1), ZSI F497 (1), ZSI 1196–98 (3, lost).

Exostoma gracile Gratzianov, 1907: 58. Type locality: Naryn R. drainage, upper Syr-Darya R. basin, Namangan-skaya Obl., Uzbekistan. Holotype: ZMMU P-785.

Exostoma labrax Gratzianov, 1907: 59. Type locality: Garm dist., mountain spring Kartveng at kishlak Shulmak, Garmaskaya Obl., Tadzhikistan. Syntypes: ZMMU P-2034 (2).

Distribution: Upper Jhelum basin and Gilgit River, Indus River drainage, Pakistan and Kashmir (Kullander, 1999).

Remarks: See Steinitz (1961) for comments on taxonomy. Redescribed in Hora (1932).

GLYPTOTHORAX Blyth, 1860

Glyptothorax Blyth, 1860: 154. Type species: *Glyptosternon striatus* M'Clelland, 1842. Type by subsequent designation by Bleeker (1862–1863: 13). Gender: Masculine.

Aglyptosternon Bleeker, 1862 (in Bleeker, 1862–63): 12. Type species: *Silurus cous* Linnaeus, 1766. Type by original designation. Gender: Neuter.

Eucliptosternum Günther, 1864: 183. Type species: *Silurus cous* Linnaeus, 1766. Unjustified emendation of *Acliptosternon* [sic, *Aglyptosternon* Bleeker, 1862]. Gender: Neuter.

Pteroglanis Fowler, 1934a: 92. Type species: *Pteroglanis horai* Fowler, 1934. Type by original designation. Preoccupied by *Pteroglanis* Eigenmann & Pearson, 1924, in fishes, replaced by *Pteropsoglanis* Fowler, 1934. Gender: Masculine.

Pteropsoglanis Fowler, 1934b: 351. Type species: *Pteroglanis horai* Fowler, 1934. Type by being a replacement name. Replacement for *Pteroglanis* Fowler, 1934; preoccupied by *Pteroglanis* Eigenmann & Pearson, 1924. Gender: Masculine.

Sundagagata Boeseman, 1966: 243. Type species: *Sundagagata robusta* Boeseman, 1966. Type by original designation. Gender: Feminine.

Paraglyptothorax Li, 1986: 524. Type species: *Glyptosternum pallozonum* Lin, 1934. Type by original designation.

Gender: Masculine. Originally proposed as a subgenus of *Glyptothorax*.

Superglyptothorax Li, 1986: 524. Type species: *Glyptothorax coheni* Ganguly, Datta & Sen, 1972. Type by original designation. Gender: Masculine. Originally proposed as a subgenus of *Glyptothorax*.

Key: Mo & Chu (1986, Chinese species).

Review: Menon, M. A. S. (1955, India and Burma, with key), Sufi (1963, Pakistan).

Remarks: Extension of the eastern limit of the distribution of this genus into the Black Sea of Turkey noted by Coad & Delmastro (1985).

Glyptothorax alaknandi Tilak, 1969

Glyptothorax brevipinnis alaknandi Tilak, 1969: 42, figs. 8–11. Type locality: Alaknanda River, near Srinagar, dist. Pauri Garhwal, Uttar Pradesh, India. Holotype: ZSI F6154/2.

Distribution: Alaknanda River, Uttar Pradesh, India (Jayaram, 1999).

Glyptothorax anamalaiensis Silas, 1951

Glyptothorax anamalaiensis Silas, 1951b: 370. Type locality: Streams at base of Anamalai Hills, South India. Holotype: ZSI F629/2; illustrated in Silas (1951a: pl. 1, figs 1–3), as *Glyptothorax prox. madraspatanus* Day.

Distribution: Anamalai Hills, Kerala, India (Jayaram, 1999).

Glyptothorax annandalei Hora, 1923

Glyptothorax annandalei Hora, 1923b: 14, pl. 1 (fig. 3). Type locality: Nierolay stream, Bhavani River at the base of Nilgiri Hills [India]. Holotype: ZSI F10135/1.

Distribution: Yaluzanbujiang [= Brahmaputra River], China (Chu & Mo, 1999).

Glyptothorax armeniacus (Berg, 1918)

Glyptosternum armeniacum Berg, 1918: 146. Type locality: River Mukhlassi-darasi, headwaters of Euphrates. Syntypes (5): possibly ZSI F11319/1 (1), ZIN 20806 (4); ZIN syntype illustrated in Berg (1931: pl. 1, figs. 3–5; fig. 6).

Distribution: Tigris River basin, Iran (Coad, 1995); Euphrates River basin, Turkey (Berg, 1918).

Glyptothorax botius (Hamilton, 1822)

Pimelodus botius Hamilton, 1822: 192, 378. Type locality: Northern rivers of Bengal [now India: west Bengal: Hooghly River at Kalna, 23°13'30.0"N, 88°22'39.0"E by neotype designation]. Neotype: ZRC 50223; designated by, and illustrated in, Ng (2005e: 3, fig. 1).

Distribution: Hooghly River, India (Ng, 2005e: 8).

Remarks: Redescribed in Ng (2005e).

Glyptothorax brevipinnis Hora, 1923

Glyptothorax brevipinnis Hora, 1923b: 16, pl. 1 (fig. 4). Type locality: Unknown locality [probably India]. Syntypes: ZSI F10134/1 (4).

Distribution: Not known (Jayaram, 1999).

Glyptothorax buechanani Smith, 1945

Glyptothorax buechanani Smith, 1945: 402, fig. 89. Type locality: The Metum, a small swift affluent of the Mechem, tributary of the Meping, in northern Thailand. Holotype: USNM 117754.

Distribution: Me Ping, Chao Phraya Basin, Thailand (Smith, 1945).

Glyptothorax burmanicus Prashad & Mukerji, 1929

Glyptothorax burmanicus Prashad & Mukerji, 1929: 184, pl. 7 (fig. 3); fig. 5. Type locality: Sankha, a large hill-stream, midway between Kamaing and Mogaung, Myitkyina dist. [Burma]. Holotype: ZSI F10877/1.

Distribution: Irrawaddy and Salween Rivers (Chu & Mo, 1999).

Glyptothorax callopterus Smith, 1945

Glyptothorax callopterus Smith, 1945: 400, fig. 87. Type locality: Waterfall stream on Kao Chong, near Trang, in Peninsular Thailand. Holotype: USNM 109820.

Distribution: Peninsular Thailand.

Glyptothorax cavia (Hamilton, 1822)

Pimelodus cavia Hamilton, 1822: 188, 378. Type locality: Northern rivers of Bengal. No types known.

Euglyptosternum lineatum Day, 1877 (in Day, 1875–78): 500, pl. 116 (fig. 7). Type locality: Jumna, near Suddya in

upper Assam. Possible syntypes: AMS B.7509 (1), ZSI F1312 (1).

Distribution: Ganges River basin.

Glyptothorax coheni Ganguly, Datta & Sen, 1972

Glyptothorax coheni Ganguly, Datta & Sen, 1972: 342, figs. 3–4. Type locality: Subarnarekha River, Chotanagpur Plateau, Bihar, India. Holotype: USNM 205612.

Distribution: Subarnarekha River, Bihar, India (Jayaram, 1999).

Glyptothorax conirostris (Seindachner, 1867)

Glyptosternum conirostre Steindachner, 1867e: 532, pl. 6 (fig. 2). Type locality: Simla. Holotype: at NMW.

Glyptosternum modestum Day, 1872: 714. Type locality: upper portion of the Jumna. Possible syntypes: AMS B.7562 (1), AMS B.7564 (1), ZMB 2765 (1).

Distribution: Jamuna River, Mahananda River basin and Indus River basin (Jayaram, 1999).

Glyptothorax cous (Linnaeus, 1766)

Silurus cous Linnaeus, 1766: 504. Type locality: Syria. Possible syntype: BMNH 1955.6.25.2 (1).

Distribution: Tigris River basin, Iran (Coad, 1995).

Glyptothorax dakpathari Tilak & Husain, 1976

Glyptothorax dakpathari Tilak & Husain, 1976: 229, figs. 1–8. Type locality: Yamuna R., below Barrage, Dakpathar, District Dehra Dun, Uttar Pradesh, India. Holotype: ZSI NRS V-988.

Distribution: Yamuna River, Uttar Pradesh, India (Jayaram, 1999).

Remarks: Treated as a synonym of *Glyptothorax gracilis* by Menon (1999).

Glyptothorax davissinghi Manimekalan & Das, 1998

Glyptothorax davissinghi Manimekalan & Das, 1998: 87, unnumbered figure. Type locality: Karim Puzha, Maancheri, Nilambur Reserve Forest, Kerala, India. Holotype: ZSIC 6008.

Distribution: Kerala, India (Manimekalan & Das, 1998).

Glyptothorax deqinensis Mo & Chu, 1986

Glyptothorax deqinensis Mo & Chu, 1986: 345, 350, fig. 6. Type locality: Deqin county (28°30'N, 99°00'E) Yunnan [China]. Holotype: KIZ 748621.

Distribution: upper Lancangjiang [= Mekong River], China (Chu *et al.*, 1999).

Glyptothorax dorsalis Vinciguerra, 1890

Glyptothorax dorsalis Vinciguerra, 1890: 246, pl. 7 (fig. 4). Type locality: Meetan, Birmania [Myanmar]. Holotype: MSNG 14417.

Distribution: Upper Irrawaddy River basin (pers. obs.); Nujiang [= Salween River], China (Chu *et al.*, 1999).

Glyptothorax exodon Ng & Rachmatika, 2005

Glyptothorax exodon Ng & Rachmatika, 2005: 251, fig. 1. Type locality: Borneo: Kalimantan Barat, Sungai Tekelan. Holotype: MZB 9940.

Distribution: Kapuas River basin, western Borneo (Ng & Rachmatika, 2005).

Glyptothorax fokiensis (Rendahl, 1925)

Glyptosternum fokiensis Rendahl, 1925: 307. Type locality: Lan-Hao, Lien-Cheng-Hsien, Fokien, s. China. Syntypes: NRM 10018 (2).

Glyptosternon punctatum Nichols, 1941: 1, figs. 1–2. Type locality: Kiating (Loshan), Szechwan Prov., China, elev. 1100 ft. Holotype: AMNH 15218.

Distribution: Changjiang [= Yangtze River], rivers east of Yuanjiang (Chu *et al.*, 1999; as *Glyptothorax fukiensis fukiensis*).

Remarks: Redescribed as *Glyptothorax fukiensis* in Xie *et al.* (2001).

Glyptothorax fuscus Fowler, 1934

Glyptothorax fuscus Fowler, 1934a: 89, figs. 31–33. Type locality: Chantaboon, Southeast Siam. Holotype (59 mm): ANSP 59358.

Distribution: Mekong and Chao Phraya River basins (Kottelat, 2001b).

Glyptothorax garhwali Tilak, 1969

Glyptothorax garhwali Tilak, 1969: 37, figs. 1–4. Type locality: Alaknanda River, near Srinagar, dist. Pauri Garhwal, Uttar Pradesh, India. Holotype: ZSI F6152/2.

Distribution: Alaknanda River, Uttar Pradesh, India (Jayaram, 1999).

Glyptothorax gracilis (Günther, 1864)

Glyptosternum gracile Günther, 1864: 186. Type locality: Nepal. Holotype: BMNH 1845.1.9.846.

Distribution: Sikkim, India and Nepal (Jayaram, 1999).

Glyptothorax hainanensis (Nichols & Pope, 1927)

Glyptosternon hainanensis Nichols & Pope, 1927: 333, fig. 7. Type locality: Nodoo, Hainan [China]. Holotype: AMNH 8362.

Distribution: Hainan Island, China (Chu *et al.*, 1999, as *Glyptothorax fukiensis hainanensis*).

Glyptothorax honghensis Li, 1984

Glyptothorax fukiensis honghensis Li, 1984a: 66, fig. 1. Type locality: Hekou, Weishan, Nanjian, Hong River basin, Yunnan Province, China. Syntypes: KIZ 6440430 (1), KIZ 6440474 (1), KIZ 6507022 (1), KIZ 6507133 (1), KIZ 6507134 (1), KIZ 6507137 (1). Name spelled *Glyptothorax fukiensis honghensis* on p. 66 and *Glyptothorax fukiensis honghenensis* on p. 69; *G. honghensis* treated as the valid spelling here, based on presumed etymology of name.

Distribution: Northeastern Laos, and Red River basin of Vietnam and China (Kottelat, 2001b).

Glyptothorax horai (Fowler, 1934)

Pteroglanis horai Fowler, 1934a: 92, figs. 37–40. Type locality: Sop Lao, in Maun Luang, Southeast Shan States [Burma]. Holotype: ANSP 59462.

Distribution: Mekong River basin, Myanmar.

Glyptothorax housei Herre, 1942

Glyptothorax housei Herre, 1942: 117, fig. 1. Type locality: Rapids in a mountain stream in the Anamallai Hills, Puthototam Estate, four miles east of Valparai, Pollachi district, South India. Holotype: SU 36531.

Distribution: Kerala, India (Jayaram, 1999).

Glyptothorax indicus Talwar, 1991

Glyptothorax horai Shaw & Shebbeare, 1936: 188, unnumbered pl. Type locality: Streams of Terai, northern Bengal. Holotype: ZSI F11376/1. Preoccupied in *Glyptothorax* by *Pteroglanis horai* Fowler, 1934; replaced by *Glyptothorax indicus* Talwar, 1991.

Glyptothorax indicus Talwar, in Talwar & Jhingran, 1991: 654, fig. 210. Type locality: Streams of Terai, n. Bengal. Holotype: ZSI F11376/1. Replacement name for *Glyptothorax horai* Shaw & Shebbeare, 1936, preoccupied in *Glyptothorax* by *Pteroglanis horai* Fowler, 1934.

Distribution: Kosi River, Rihand River and rivers of the Vindhya Mountain range, India, as well as the Punjab and Nepal (Jayaram, 1999).

Glyptothorax interspinalus (Mai, 1978)

Glyptosternon interspinalum Mai, 1978: 271, fig. Type locality: Creeks in n. Vietnam. Syntypes: probably at DVZUT.

? *Glyptothorax merus* Li, 1984b: 79, fig. 2. Type locality: Jingdong Co., Yunnan, China. Holotype: KIZ 737159.

Distribution: Nam Ma Basin, Laos, and Red River basin of China and Vietnam (Kottelat, 2001b).

Glyptothorax jalalensis Balon & Hensel, 1970

Glyptothorax jalalensis Balon & Hensel, 1970: 160, fig. 1. Type locality: Kabul River tributary, near Jalal-Abad, Afghanistan. Holotype: SNMB RY 2176.

Distribution: Kabul River basin, Afghanistan (Balon & Hensel, 1970).

Glyptothorax kashmirensis Hora, 1923

Glyptothorax kashmirensis Hora, 1923b: 22, fig. 2. Type locality: Kashmir Valley. Syntypes: ZSI F10270/1 (2).

Distribution: Jhelum River, Kashmir (Kullander, 1999); NWFP, Azad Kashmir (Mirza, 2003).

Remarks: See Rashida *et al.* (1996) for comments on the taxonomic position of this species.

Glyptothorax kurdistanicus (Berg, 1931)

Glyptosternum kurdistanicum Berg, 1931: 1267, fig. 1; pl. 1 (fig. 2). Type locality: Kurdistan, at the village of Germau (or Germav), at the height of 1500 m, ... Germau is situated in latitude 36° southeast of Serdesht on the Western slope of the Sur-kei Range, in the basin of the river Bané, tributary to the Little Zab, which is a tributary to the Tigris R. Holotype: ZIN 20780.

Distribution: Tigris River basin, Iran (Coad, 1995).

Glyptothorax lampris Fowler, 1934

Glyptothorax lampris Fowler, 1934a: 91, figs. 34–36. Type locality: Chieng Mai, North Siam. Holotype: ANSP 59357.

Distribution: Mekong and Chao Phraya River basins, and rivers of southeastern Thailand (Kottelat, 2001b); in medium-sized upland rivers (Rainboth, 1996).

Glyptothorax laosensis Fowler, 1934

Glyptothorax laosensis Fowler, 1934a: 88, figs. 28–30. Type locality: Bua Yai, East Siam. Holotype: ANSP 59412.

Distribution: Mekong and Chao Phraya River basins (Kottelat, 2001b); in small to medium-sized streams (Rainboth, 1996).

Glyptothorax lonah (Sykes, 1839)

Bagrus lonah Sykes, 1839: 164. Type locality: Deccan, India. Holotype: BMNH 1860.3.19.756 or BMNH 1860.3.19.757. Also described as new in Sykes (1840: 61); illustrated and described in more detail in Sykes (1841: 371).

Glyptosternum dekkanense Günther, 1864: 187. Type locality: Dekkan. Holotype: BMNH 1860.3.19.757.

Distribution: Deccan, Godavari and Krishna River basins, India (Jayaram, 1999).

Remarks: Holotype of *Bagrus lonah* Sykes has not been clearly established; see Günther (1864: 187), and Day (1873d: 748) for comments.

Glyptothorax longicauda Li, 1984

Glyptothorax longicauda Li, 1984b: 82, fig. 3. Type locality: Tengchong, Yunnan, China. Holotype: KIZ 764126.

Distribution: Irrawaddy River basin, China (Chu *et al.*, 1999).

Glyptothorax longjiangensis Mo & Chu, 1986

Glyptothorax longjiangensis Mo & Chu, 1986: 344, 349, fig. 5. Type locality: Longjiang river (upper tributary of Irrawaddy river), Tengchong County (25°00'N, 98°30'E), Yunnan, China. Holotype: KIZ 764246.

Distribution: Irrawaddy River basin, Yunnan, China (Chu *et al.*, 1999).

Glyptothorax macromaculatus Li, 1984

Glyptothorax macromaculatus Li, 1984b: 82, fig. 7. Type locality: Yangbi Xian, Yunnan, China. Holotype: KIZ 748804.

Distribution: Mekong River basin (Chu *et al.*, 1999; Kottelat, 2001b).

Glyptothorax madraspatanus (Day, 1873)

Glyptosternum madraspatanum Day, 1873b: 526. Type locality: Bowany River, Neilgherries, Madras State, India. Possible syntypes: AMS B.7759 (1), AMS B.8004 (1), NMW 46582–83 (2), RMNH 2739 (1), ZMB 10798 (1), ZMB 10829 (1), ZMB 11208 (1), ZSI F1235 (1), ZSI F1313 (1).

Distribution: Western Ghats, Anaimalai Hills, Nilgiri Hills, and Cauvery River (Jayaram, 1999).

Glyptothorax major (Boulenger, 1894)

Akysis major Boulenger, 1894a: 246. Type locality: Senah, Tagora and Baram rivers, Sarawak. Syntypes: BMNH 1892.9.2.59 (1), BMNH 1892.10.7.26 (1), BMNH 1893.3.6.173–177 (5), BMNH 1893.3.6.178 (1, skeleton).

Glyptosternum kükenthali Steindachner, 1901: 448, pl. 18 (figs. 5, 5a). Type locality: Baram-Flusse, Borneo. Holotype: SMF 752.

Distribution: Malay Peninsula and western Borneo (Roberts, 1989a).

Glyptothorax manipurensis Menon, 1955

Glyptothorax manipurensis Menon (A. G. K.), 1955: 23, fig. 1. Type locality: Barak River at Karong, Naga Hills, Manipur State, India. Holotype: ZSI F738/2.

Distribution: Barak River, Manipur, India (Jayaram, 1999).

Remarks: Redescribed in Kosygin & Vishwanath (2005).

Glyptothorax minimaculatus Li, 1984

Glyptothorax minimaculatus Li, 1984b: 81, fig. 5. Type locality: Tengchong Xian, Yunnan, China. Holotype: KIZ 764336.

Distribution: Irrawaddy River basin, Yunnan, China (Chu *et al.*, 1999).

Glyptothorax minutus Hora, 1921

- Glyptothorax minutus* Hora, 1921a: 180, fig. 1. Type locality: Imphal stream near Karong [Kameng], Manipur Valley, India. Syntypes (4): lost (Hora, 1921a: 182).
Distribution: Manipur, India (Hora, 1921a).
- Glyptothorax naziri*** Mirza & Naik, 1969
Glyptothorax naziri Mirza & Naik, 1969: 123, figs. 1–2. Type locality: Zhob River, Baluchistan, Pakistan. Holotype: GCM 6.
Distribution: NWFP, Punjab, Balochistan, Azad Kashmir, Pakistan (Mirza, 2003).
- Glyptothorax nelsoni*** Ganguly, Datta & Sen, 1972
Glyptothorax nelsoni Ganguly, Datta & Sen, 1972: 341, fig. 1. Type locality: Subarnarekha River, Chotanagpur Plateau, Bihar, India. Holotype: USNM 205611.
Distribution: Subarnarekha River, Bihar, India (Jayaram, 1999).
- Glyptothorax nieuwenhuisi*** (Vaillant, 1902)
Glyptosternon Nieuwenhuisi Vaillant, 1902: 72, 162, figs. 14–15. Type locality: Le Blooeoe, Bornéo central. Syntypes: MNHN 1891-0484 (1), MNHN 1891-0485 (1), MNHN 1891-0486 (1), MNHN 1891-0487 (1), MNHN 1903-0189 (1).
Distribution: Bloeoe River, Borneo.
- Glyptothorax obscurus*** Li, 1984
Glyptothorax obscura Li, 1984b: 86, fig. 1. Type locality: Jingdon Xian, Yunnan, China. Holotype: KIZ 737197.
Distribution: Upper Red River basin, China (Li, 1984b).
- Glyptothorax pallozonus*** (Lin, 1934)
Glyptosternum pallozonum Lin, 1934: 228, figs. 7–8. Type locality: Loh Fau Shan, Poh-lo District, Kwangtung, China. Holotype: Fisheries Experiment Station, Canton G10.
Distribution: Dongjiang, Guandong, China (Chu *et al.*, 1999).
- Glyptothorax panda*** Ferraris & Britz, 2005
Glyptothorax panda Ferraris & Britz, 2005: 376, fig. 1. Type locality: Myanmar, Kachin State: Upper Irrawaddy River drainage, hill stream 8 miles from Kamaing on road to Tanai, vicinity of Myitkyina. Holotype: USNM 384824.
Distribution: Upper Irrawaddy River basin, Myanmar (Ferraris & Britz, 2005).
- Glyptothorax pectinopterus*** (M'Clelland, 1842)
Glyptosternon pectinopterus M'Clelland, 1842: 587. Type locality: The mountains of Simla. No types known.
Distribution: Ganges, Sutlej and upper Indus River basins, south Asia (Kullander, 1999).
- Glyptothorax platypogon*** (Valenciennes, 1840)
Pimelodus platypogon Valenciennes, in Cuvier & Valenciennes, 1840b: 152 (113 of Strasbourg deluxe edition). Type locality: Java. Possible syntypes: MNHN b-0196 (2), MNHN 0000-2903 (2), MNHN 0000-2904 (2); RMNH (not found); SMF 649 (2).
Pimelodus cyanochloros Bleeker, 1847b: 11. Type locality: Java. Syntypes: SMNS 10569 (6). Also described as new in Bleeker (1847a: 168).
Sundagagata robusta Boeseman, 1966: 243, fig. 1. Type locality: River near Buitenzorg, Java. Holotype: RMNH 25264.
Distribution: Java; western Borneo (Roberts, 1989a).
Remarks: *Sundagagata robusta* Boeseman, 1966, was considered by Kottelat *et al.* (1993: 76) to be an abnormal specimen of *Glyptothorax platypogon* (Valenciennes, 1840).
- Glyptothorax platypogonides*** (Bleeker, 1855)
Pimelodus platypogonides Bleeker, 1855a: 272. Type locality: Lahat, in fluviis. Syntypes (4, 70–85 mm TL): possibly BMNH 1863.12.4.154 (1), RMNH 6912 (4), RMNH 15289 (3).
Callomystax Schmidti Volz, 1904: 470. Type locality: Simbolon Gebirge, cent. Sumatra, Indonesia, elev. 1400 m. Syntypes (5): MHNG 683.22 (1), NMBA 2827 (1).
Distribution: Sumatra (Ng & Rachmatika, 2005).
Remarks: Register number of syntype of *Pimelodus platypogonides* incorrectly reported as BMNH 1863.12.11.154 in Eschmeyer *et al.* (1998). Name of species frequently cited as *Glyptothorax platypogonoides*.

Glyptothorax prashadi Mukerji, 1932

Glyptothorax prashadi Mukerji, 1932: 281, fig. 1. Type locality: Kyenchaung, Mergui District, Lower Burma. Holotype: ZSI F11334/1.

Distribution: Southeastern Myanmar and Peninsular Thailand (Jayaram, 1999).

Glyptothorax punjabensis Mirza & Kashmiri, 1971

Glyptothorax conirostris punjabensis Mirza & Kashmiri, 1971: 88, fig. 1. Type locality: Rawal Dam, Rawalpindi, Pakistan. Holotype: GCM 7.

Distribution: Soan River, Jhelum canal, Kabul River, and Siran River, Pakistan, and Kotli, Azad Kashmir (Jayaram, 1999).

Remarks: Treated as a possible synonym of *Glyptothorax kashmirensis* Hora, 1923, by Kullander (1999).

Glyptothorax quadriocellatus (Mai, 1978)

Glyptosternon quadriocellatum Mai, 1978: 272, fig. 121. Type locality: Fast-running creeks, n. Vietnam. possibly at DVZUT.

Glyptosternon minutum Mai, 1978: 274, fig. 122. Type locality: Fast-running creeks, n. Vietnam. Type (s): at DVZUT. Preoccupied in *Glyptothorax* by *Glyptothorax minutus* Hora, 1921; replaced by *Glyptothorax spectrum* Kottelat, 2001.

Glyptothorax spectrum Kottelat, 2001a: 55. Type locality: Fast-running creeks, n. Vietnam. Type (s): at DVZUT. Replacement name for *Glyptosternon minutum* Mai, 1978, preoccupied in *Glyptothorax* by *Glyptothorax minutus* Hora, 1921.

Distribution: Yuanjiang, China (Chu *et al.*, 1999); northern Viet Nam (Kottelat, 2001a).

Remarks: Kottelat (2001a: 54) synonymized *G. quadriocellatum* and *G. minutum* and selected *G. quadriocellatum* as the valid name.

Glyptothorax saisii (Jenkins, 1910)

Glyptosternum saisii Jenkins, 1910: 128, fig.; pl. 6 (fig. 6). Type locality: Sita Nullah stream, Paresnath Hills, Bihar, w. Bengal, elev. 2150 ft. Holotype: ZSI F2583/1.

Distribution: Bihar, Uttar Pradesh, and Maharashtra, India (Jayaram, 1999).

Remarks: Redescribed in Tilak & Husain (1978).

Glyptothorax siamensis Hora, 1923

Glyptothorax siamensis Hora, 1923a: 168, pl. 12 (figs. 1–3). Type locality: Nakon Sritamarat Hills, Siam. Holotype: ZSI F10548/1.

Distribution: Thailand and Peninsular Malaysia (Ng & Rachimatika, 2005).

Glyptothorax silviae Coad, 1981

Glyptothorax silviae Coad, 1981a: 291, figs. 1–3. Type locality: Iran, Khuzestan, stream 3 km south of Bagh-e Malek, tributary to Rud-e Zard or Ab-e Ala in the drainage of the Jarrahi River, 31°29'N, 49°54'30"E, elev. 660 m. Holotype: NMC 79-0390A.

Distribution: Tigris River and possibly Gulf basins (Coad, 1995).

Glyptothorax sinensis (Regan, 1908)

Glyptosternum sinense Regan, 1908a: 110, pl. 4 (fig. 3). Type locality: Tunting [=Tungting], China. Holotype: BMNH 1907.11.26.4.

Distribution: lower and middle Changjiang [= Yangtze River], China (Chu *et al.*, 1999); also reported from Manipur, India (Kosygin & Vishwanath, 2005).

Remarks: Redescribed as *Glyptothorax sinense* in Xie *et al.* (2001).

Glyptothorax steindachneri (Pietschmann, 1913)

Glyptosternum steindachneri Pietschmann, 1913a: 93. Type locality: dem Tigris, Mosul. Syntypes (2): at NMW.

Distribution: Tigris River basin (Coad, 1995).

Glyptothorax stocki Mirza & Nijssen, 1978

Glyptothorax stocki Mirza & Nijssen, 1978: 79, fig. 1. Type locality: Bhed Nullah, small stream on G.T. road to Rawalpindi, 7 mi. from Lahore, Pakistan. Holotype: ZMA 114763.

Distribution: NWFP, Punjab, Azad Kashmir, Pakistan (Mirza, 2003).

Glyptothorax stoliczkae (Steindachner, 1867)

Glyptosternum Stoličkae Steindachner, 1867e: 533, pl. 6 (fig. 1). Type locality: Simla. Syntypes: NMW 76606 (3).
Distribution: Western Himalaya, Shimla, Ganga, India (Jayaram, 1999).

Glyptothorax striatus (M'Clelland, 1842)

Glyptosternon Striatus M'Clelland, 1842: 587, pl. 6 (in part). Type locality: Kasyah mountains. Syntypes (3):
BMNH 1860.3.19.95 (1, 78 mm SL).

Distribution: Kashi and Garro Hills, India (Jayaram, 1999).

Glyptothorax sufii Bashir & Mirza, 1975

Glyptothorax telchitta sufii Bashir & Mirza, 1975: 96, fig. 1. Type locality: River Sutlej, Lahore District, Pakistan.
Holotype: GCM F-13.

Distribution: Indus River basin, Pakistan (Bashir & Mirza, 1975).

Glyptothorax sykesi (Day, 1873)

Glyptosternum sykesi Day, 1873d: 748. Type locality: Deccan, India. Holotype: BMNH 1860.3.19.756. Name proposed conditionally for specimen in Günther (1864: 187) identified as *Glyptosternum lonah*, which Day contended was not the holotype and, in fact, not even conspecific with *G. lonah*.

Distribution: Peninsular India.

Glyptothorax telchitta (Hamilton, 1822)

Pimelodus telchitta Hamilton, 1822: 185, 378. Type locality: Fresh water rivers of Bengal and Behar [now: India: west Bengal: Hooghly River at Kalna, 23°13'30.0"N, 88°22'39.0"E, by neotype designation]. Neotype: UMMZ 244946; designated by, and illustrated in, Ng (2005e:10, fig. 5). Unpublished Hamilton illustration reproduced in Hora (1929: pl. 21, fig. 3). Name spelled *Pimelodus telchita* on p. 378; first reviser may be Eschmeyer *et al.* (1998), but not yet clearly established to be earliest.

Distribution: Widely distributed in India (Jayaram, 1999).

Glyptothorax trewasasae Hora, 1938

Glyptothorax trewasasae Hora, 1938d: 373, pl. 7 (figs. 3–4). Type locality: Yenna Valley, Satara dist., Maharashtra, India. Holotype: ZSI F9723/1.

Distribution: Krishna River basin, Yenna, Kayana, and Tunga Rivers, India (Jayaram, 1999).

Glyptothorax trilineatus Blyth, 1860

Glyptothorax trilineatus Blyth, 1860: 154. Type locality: Tenasserim [Burma]. Syntypes: ZSI F10380/1 (2).

Glyptothorax trilineatoides Li, 1984b: 87, fig. 5. Type locality: Tengchong Xian, Yunnan, China. Holotype: KIZ 764336.

Distribution: Nujiang [=Salween River], Irrawaddy River (Chu *et al.*, 1999).

Glyptothorax ventrolineatus Vishwanath & Linthoingambi, 2005

Glyptothorax ventrolineatus Vishwanath & Linthoingambi, 2005: 201, fig. 1. Type locality: Iril river, Ukhrul district, Manipur, India. Holotype: MUMFL022I.

Distribution: Iril River, Chindwin River basin, Manipur, India (Vishwanath & Linthoingambi, 2005).

Glyptothorax zanaensis Wu, He & Chu, 1981

Glyptothorax zanaensis Wu, He & Chu, 1981: 74, fig. 1 (1-b). Type locality: Qinghai-Xizang plateau region, China. Syntypes: IHASW 606164–66 (3), IHASW 606168 (1), IHASW 606170–74 (5), IHASW 606178 (1), IHASW 6006651–53 (3).

Glyptothorax longinema Li, 1984b: 81, fig. 6. Type locality: Lushui Xian, Yunnan, China. Holotype: KIZ 741097.

Glyptothorax rubermentus Li, 1984b: 83, 88, fig. 8. Type locality: Baoshan Xian, Yunnan, China. Holotype: KIZ 749356.

Distribution: Mekong and Salween River basins, China (Chu *et al.*, 1999, as *Glyptothorax zainaensis*; Kottelat, 2001b).

Glyptothorax zhujiangensis Lin, 2003

Glyptothorax zhujiangensis Lin, 2003: 159, 161. Type locality: Baishuidai Streamin Yaxi Town (22°15'N, 112°59'25"E), Xinhui City, middle-southern Guandong, China. Holotype: ZX 970901 (housed in IHASW).

Distribution: Zhujiang [= Pearl River] China (Lin, 2003).

Species inquirendae, Glyptothorax

Glyptosternum laak Popta, 1904: 190. Type locality: le Howong, Bornéo central. Syntypes: RMNH 7562 (3); described in more detail, with an illustration of one of the syntypes, in Popta (1906: 71, pl. 4, figs. 15a, 15b).

Glyptosternum tiong Popta, 1904: 191. Type locality: le Kajan, Bornéo central. Syntypes: RMNH 7564 (2); described in more detail, with an illustration of one of the syntypes in Popta (1906: 75, pl. 4, fig. 16).

Glyptothorax conirostre poonaensis Hora, 1938d: 368, pl. 7 (figs. 5–6). Type locality: Mula Mutha R. at Poona, Maharashtra, Bombay State, India. Holotype: ZSI F12126/1. Originally as *Glyptothorax conirostre* var. *poonaensis*. Treated as valid or as a synonym of *Glyptothorax conirostris* (Steindachner, 1867).

GOGANGRA Roberts, 2001

Gangra Roberts & Ferraris, 1998: 333. Type species: *Pimelodus viridescens* Hamilton, 1822. Type by original designation. Gender: Feminine. Preoccupied by *Gangra* Walker, 1862; in Lepidoptera, replaced by *Gogangra* Roberts, 2001.

Gogangra Roberts, 2001: 83. Type species: *Pimelodus viridescens* Hamilton, 1822. Type by being a replacement name. Gender: Feminine. Replacement for *Gangra* Roberts & Ferraris, 1998; preoccupied by *Gangra* Walker, 1862, in Lepidoptera.

Gogangra laevis Ng, 2005

Gogangra laevis Ng, 2005c: 280, fig. 1. Type locality: Bangladesh: Gowain River and Khal at Gowainghat. Holotype: UMMZ 244603.

Distribution: Yamuna and Meghna Rivers, lower Brahmaputra River basin, Bangladesh (Ng, 2005c).

Gogangra viridescens (Hamilton, 1822)

Pimelodus viridescens Hamilton, 1822: 173, 377, pl. 11 (fig. 56). Type locality: Rivers in the northern parts of Bengal. No types known.

Nangra punctata Day, 1877 (in Day, 1875–78): 494, pl. 115 (fig. 8). Type locality: Sone River at Bheer Bhoom in Bengal, India. Syntype: AMS B.7566 (1).

Distribution: Ganges and Brahmaputra River basins (Roberts & Ferraris, 1998; Ng, 2005c).

HARA Blyth, 1860

Hara Blyth, 1860: 152. Type species: “*Hara buchanani* nobis; *Pimelodus hara*, B.H.” [= *Pimelodus hara* Hamilton, 1822]. Type by original designation. Gender: Feminine.

Laguvia Hora, 1921b: 739. Type species: *Pimelodus asperus* M’Clelland, 1844. Type by subsequent designation, by Jordan (1923: 148). Gender: Feminine.

Remarks: Jayaram (1973c, 1999) lists *Laguvia shawi* as the type species of *Laguvia*, by subsequent designation, but it is not stated where this designation was published. If published before 1923, it would have priority over the designation by Jordan (1923). Therefore, the type species as stated above must be considered tentative until the details of the designation of *L. shawi* are clarified. Synonymy of *Laguvia* in *Hara* follows Ng & Kottelat (2005: 20).

Hara filamentosa Blyth, 1860

Hara filamentosa Blyth, 1860: 152. Type locality: Tenasserim [Burma]. Syntypes: ZSI 585 (6).

Distribution: Widely distributed in Myanmar.

Hara hara (Hamilton, 1822)

Pimelodus hara Hamilton, 1822: 190, 378. Type locality: River Kosi [now Hooghly River south of Ranaghat, by neotype designation]. Neotype: UMMZ 244697, designated by, and illustrated in, Ng & Kottelat (2005: 20, fig. 5). Previously unpublished Hamilton illustration reproduced in Hora (1929: pl. 21, fig. 5) and reproduced in Ng & Kottelat (2005: 20, fig. 6).

Pimelodus asperus M’Clelland, 1844a: 404, pl. 24 (fig. 2). Type locality: Chusan, China [now Hooghly River south of Ranaghat, by neotype designation]. Neotype: UMMZ 244697, designated by, and illustrated in, Ng & Kottelat (2005: 19, fig. 5).

Hara buchanani Blyth, 1860: 152. Type locality: River Kosi [now Hooghly River south of Ranaghat, by neotype designation]. Neotype: UMMZ 244697, designated by, and illustrated in, Ng & Kottelat (2005: 20, fig. 5) as

neotype of *Pimelodus hara*. Unneeded new name for *Pimelodus hara* Hamilton, 1822.

Distribution: Bihar, Uttar Pradesh, Orissa, northern Bengal and Assam, India; Bangladesh and Myanmar [questionable] (Jayaram, 1979).

Remarks: Redescribed in Tilak (1978).

Hara horai Misra, 1976

Hara horai Misra, 1976: 245, pl. 9 (figs. 1–3). Type locality: Terai and Duars, n. Bengal. Syntype: ZSI FF955 (formerly ZSI F 11390/1), illustrated in Hora (1950: pl. 2, figs. 1–3) as *Hara hara*.

Distribution: Terai Duars, northern Bengal, India (Misra, 1976).

Remarks: Neotype designation by Tilak & Talwar (1976: 246) [ZSI FF955] invalid inasmuch as that specimen is apparently one of the original syntypes (M. Kottelat, pers. commum.). Redescribed in Tilak (1978).

Hara jerdoni Day, 1870

Hara jerdoni Day, 1870a: 39, pl. 4 (figs. 2a–c). Type locality: Sylhet district. Syntypes (2): ZSI 431 (1).

Distribution: Sylhet district, Bangladesh (Jayaram, 1979).

Remarks: Redescribed in Husain & Tilak (1978).

Hara sahasai Datta Munshi & Srivastava, 1988

Hara sahasai Datta Munshi & Srivastava, 1988: 265, fig. 5. Type locality: Kosi Belt, n. Bihar, India. Syntypes: Bhagalpur Univ., Dept. Zool. Mus. 67 (13). Also appeared as new in Srivastava (1989: 121, fig. 1).

Distribution: northern Bihar, India (Datta Munshi & Srivastava, 1988).

Hara serrata Vishwanath & Kosygin, 2000

Hara serratus Vishwanath & Kosygin, 2000: 143, figs. 2–5. Type locality: Jiri river at Jiribam, Manipur, India. Holotype: MUMF 2508.

Distribution: Barak and Jiri Rivers, Manipur, India (Vishwanath & Kosygin, 2000).

MYERSGLANIS Hora & Silas, 1952

Myersglanis Hora & Silas, 1952a: 19. Type species: *Exostoma blythii* Day, 1870. Type by original designation. Gender: Masculine.

Key: Vishwanath & Kosygin (1999: 296).

Myersglanis blythii (Day, 1870)

Exostoma Blythii Day, 1870b: 525. Type locality: not stated. Syntypes (2): Asiatic Society of Bengal 599 (2) [now at ZSI] (2), possibly ZSI 2361 (1).

Distribution: Possibly Pharping, Nepal (Regan, 1907c; Hora & Silas, 1952a).

Myersglanis jayarami Vishwanath & Kosygin, 1999

Myersglanis jayarami Vishwanath & Kosygin, 1999: 291, pl. 1. Type locality: Laniye river at Jessami, Manipur, India (94°32'E, 25°38'N). Holotype: MUMF 2138.

Distribution: Lainye River, Chindwin River basin, Manipur, India (Vishwanath & Kosygin, 1999).

NANGRA Day, 1877

Nangra Day, 1877 (in Day, 1875–78): 493. Type species: *Pimelodus nangra* Hamilton, 1822. Type by absolute tautonymy. Gender: Feminine.

Revision: Hora & Law (1941); Roberts & Ferraris (1998).

Remarks: See Jayaram (1972a) for comments on the validity of the genus.

Nangra assamensis Sen & Biswas, 1994

Nangra assamensis Sen & Biswas, 1994: 441, fig. 1; pl. 1. Type locality: Brahmaputra River at Neematighat, 14 kms. from Jorhat, Assam [India]. Holotype: ZSI V/F/ERS/53.

Nangra carcharhinoides Roberts & Ferraris, 1998: 338, fig. 16. Type locality: Ganges River at Patna, India. Holotype: CAS 95566.

Distribution: Ganges and Brahmaputra Rivers, India (Roberts & Ferraris, 1998).

Nangra bucculenta Roberts & Ferraris, 1998

Nangra bucculenta Roberts & Ferraris, 1998: 336, fig. 14. Type locality: Ganges River delta, Tangail District, North Central Region, Bangladesh. Holotype: CAS 95564.

Distribution: Ganges River delta, Bangladesh (Roberts & Ferraris, 1998).

Nangra nangra (Hamilton, 1822)

Pimelodus nangra Hamilton, 1822: 193, 378, pl. 11 (fig. 63). Type locality: Kosi River [now: Ganges River at Patna, India, by neotype designation]. Neotype: CAS 96626, designated by Roberts & Ferraris (1998: 341).

Nangra Buchananii Day, 1877 (in Day, 1875–78): 494, pl. 113 (fig. 3). Kosi River [now: Ganges River at Patna, India, by neotype designation]. Neotype: CAS 96626. Replacement for *Pimelodus nangra* Hamilton, 1822, to avoid tautonymy.

Distribution: Ganges and Indus River basins (Roberts & Ferraris, 1998).

Nangra ornata Roberts & Ferraris, 1998

Nangra ornata Roberts & Ferraris, 1998: 341, fig. 19. Type locality: Bangladesh: Gowain River and Khal at Gowainghat, northern Sylhet Province (Surma or Meghna watershed). Holotype: UMMZ 233236.

Distribution: Surma or Meghna watershed, Bangladesh (Roberts & Ferraris, 1998).

Nangra robusta Mirza & Awan, 1973

Nangra robusta Mirza & Awan, 1973: 145, fig. 1. Type locality: Indus River at Jinnah Barrage near Kalabagh, Pakistan. Holotype: GCM 9.

Distribution: Indus River, Pakistan (Mirza & Awan, 1973).

OREOGLANIS Smith, 1933

Oreoglanis Smith, 1933: 70. Type species: *Oreoglanis siamensis* Smith, 1933. Type by original designation. Gender: Masculine.

Paroreoglanis Pellegrin, 1936: 244. Type species: *Paroreoglanis delacouri* Pellegrin, 1936. Type by monotypy. Gender: Masculine.

Oreoglanis delacouri (Pellegrin, 1936)

Paroreoglanis delacouri Pellegrin, 1936b: 244. Type locality: Xieng Khouang in upper Laos. Lectotype: MNHN 1936-0031 (103.4 mm SL), designated by Ng & Kottelat (1999: 379).

Distribution: Nam Ngiap basin, Mekong drainage, Laos (Ng & Rainboth, 2001).

Oreoglanis frenatus Ng & Rainboth, 2001

Oreoglanis frenatus Ng & Rainboth, 2001: 7, fig. 6. Type locality: Laos: Xieng Khouang Province, Nam Ka basin, Houay Kheua at Hwy 7 bridge, 19°38'N, 103°28'E. Holotype: UMMZ 236811.

Distribution: Nam Ka Basin, Mekong drainage, Laos (Ng & Rainboth, 2001).

Oreoglanis hypsiurus Ng & Kottelat, 1999

Oreoglanis hypsiurus Ng & Kottelat, 1999: 376, fig. 1. Type locality: Upper Nam Theun, ca. 1 km upstream of confluence with Houay Nuok Lan, 18°04'09"N, 105°29'44"E, Kham-mouan Province, Laos. Holotype: ZRC 40440.

Distribution: Nam Kading basin, Mekong drainage, Laos (Kottelat, 2001b).

Oreoglanis infulatus Ng & Freyhof, 2001

Oreoglanis infulatus Ng & Freyhof, 2001b: 1165, figs. 1–3. Type locality: Vietnam: Ha Tinh Province, stream at Son Kim, a tributary of Song Lam (18°24'25"N, 105°11'10"E). Holotype: ZFMK 35719.

Distribution: Lam River headwaters, central Vietnam (Ng & Freyhof, 2001b).

Oreoglanis insignis Ng & Rainboth, 2001

Oreoglanis insignis Ng & Rainboth, 2001: 15, fig. 8. Type locality: China: Yunnan Province, Baoshan Prefecture, Longchuanjiang and Dajiang, near Qushi. Holotype: KIZ 9810191.

Distribution: Upper Irrawaddy River basin, China and Myanmar, possibly upper Salween basin (Ng & Rainboth, 2001).

Oreoglanis lepturus Ng & Rainboth, 2001

Oreoglanis lepturus Ng & Rainboth, 2001: 17, fig. 10. Type locality: Laos: Bolikamsai Province, Nam Phao about 2 km from Vietnam border, 18°23'N, 105°19'E. Holotype: UMMZ 236814.

Distribution: Nam Phao basin, Mekong drainage, northeastern Laos (Ng & Rainboth, 2001).

Oreoglanis macronemus Ng, 2004

Oreoglanis macronemus Ng, 2004e: 209, fig. 1. Type locality: Laos: Xieng Khouang. Holotype: BMNH 1933.8.19.51.

Distribution: Nam Ngiap or Nam Sen River basins, Xieng Khouang region, Laos (Ng, 2004e).

Oreoglanis macropterus (Vinciguerra, 1890)

Exostoma macropterus Vinciguerra, 1890: 253, pl. 8 (fig. 5). Type locality: Paese dei Catcin, Birmania [Myanmar].

Syntypes: BMNH 1893.2.16.18 (1), MSNG 14410 (3), NMW 46488 (1), RMNH 10236 (1), USNM 44805 (1)

Distribution: Irrawaddy River basin; Salween River, China (Ng & Rainboth, 2001).

Remarks: See Steinitz (1961) for comments on taxonomy.

Oreoglanis setiger Ng & Rainboth, 2001

Oreoglanis setiger Ng & Rainboth, 2001: 23, fig. 12. Type locality: Laos: Louang Namtha Province, Nam Ma Oun, 21°05'N, 101°04'E. Holotype: UMMZ 236813.

Distribution: Nam Oun basin, Mekong River drainage, Laos, and upper Mekong River southwestern China (Ng & Rainboth, 2001).

Oreoglanis siamensis Smith, 1933

Oreoglanis siamensis Smith, 1933: 72, pl. 3 (figs. 1–2); fig. 4. Type locality: Kang River near the base of Doi Angka, northern Siam. Holotype: KUMF 0172.

Distribution: Mae Nam Ping basin, Chao Phraya drainage, northern Thailand (Ng & Rainboth, 2001).

Remarks: Statements in Menon & Yazdani (1968) and Eschmeyer *et al.* (1998) which indicated that ZSI F12233/1 might be the holotype of *Oreoglanis siamensis* are in error. Smith (1933: 74) clearly stated that two specimens were examined, which he identified as the “type” and “topotype,” and that the specimen deposited in the Indian Museum (now ZSI) was the topotype.

PARACHILOGLANIS Wu, He & Chu, 1981

Parachiloglanis Wu, He & Chu, 1981: 76, 79. *Glyptosternum hodgarti* Hora, 1923. Type by original designation. Gender: Masculine.

Parachiloglanis hodgarti (Hora, 1923)

Glyptosternum hodgarti Hora, 1923b: 38, pl. 2 (figs. 1–3). Type locality: Pharping, Nepal. Holotype: ZSI F1553/1.

Distribution: Yaluzangbujiang [= upper Brahmaputra River] (Chu *et al.*, 1999); Abor Hills, Meghalaya, Darjeeling, Kali River, Teesta valley and Nepal (as *Euchiloglanis hodgarti*) (Jayaram, 1999).

PAREUCHILOGLANIS Pellegrin, 1936

Pareuchiloglanis Pellegrin, 1936b: 245. Type species: *Pareuchiloglanis poilanei* Pellegrin, 1936. Type by monotypy. Gender: Masculine.

Remarks: Included species follows He (1996b).

Review: Ding (2003, western China).

Pareuchiloglanis anteanalis Fang, Xu & Cui, 1984

Pareuchiloglanis anteanalis Fang, Xu & Cui, 1984: 209, fig. 1. Type locality: Wudu County, Gansu Province, China. Holotype: Shaanxi Inst. Zool. 82VI9565.

Distribution: Wudu County, Gansu Province, China (Fang, *et al.*, 1984).

Pareuchiloglanis feae (Vinciguerra, 1890)

Exostoma Feae Vinciguerra, 1890: 256, pl. 8 (fig. 6). Type locality: Taó, e Iadó, Birmania [Myanmar]. Syntypes: BMNH 1893.2.16.19–20 (2), BMNH 1893.2.16.21–22 (2), BMNH 1893.2.16.23 (1, skeleton), MSNG 14411 (4), MSNG 14412 (3), MSNM 38 (1), NMW 9064–65 (2), RMNH 10237 (3), USNM 44743 (3).

Distribution: Irrawaddy and Salween Rivers, China (Chu *et al.*, 1999).

Pareuchiloglanis gongshanensis Chu, 1981

Pareuchiloglanis gongshanensis Chu, 1981: 28, 31, fig. 2. Type locality: Gongshan Xian, Yunnan, China. Holotype: KIZ 731202.

Distribution: Upper Nujiang [= Salween River], China (Chu *et al.*, 1999).

Pareuchiloglanis gracilicaudatus (Wu & Chen, 1979)

Euchiloglanis gracilicaudata Wu & Chen, 1979: 294, fig. 4. Type locality: Za-Qu, upper Lancang Jiang, Nangqen, Qinghai, China. Syntypes: Qinghai Inst. Biol. (12).

Distribution: Lancangjiang [= Mekong River], China (Chu *et al.*, 1999).

Pareuchiloglanis kamengensis (Jayaram, 1966)

Euchiloglanis kamengensis Jayaram, 1966d: 85, fig. 1. Type locality: Norgum River at Kalaktang, 1370 m alt., Kameng Frontier Division, N.E.F.A. Holotype: ZSI F2105/2.

Distribution: Yaluzangbujiang [= upper Brahmaputra River], Irrawaddy, Nujiang [= Salween River], Lancangjiang [= Mekong River], China (Chu *et al.*, 1999).

Pareuchiloglanis longicauda (Yue, 1981)

Euchiloglanis longicauda Yue, in Zheng, 1981: 183, fig. 151. Type locality: Panyang R. (Hong-Shui R. system), Bama Co., Guangxi Prov., China. Holotype: ASIZB and Fish. Res. Inst., Guangxi Zhuangzu Autonomous Region 750443.

Distribution: Nanpanjiang, Beipaniang, Hongshuihe, China (Chu *et al.*, 1999).

Pareuchiloglanis macropterus Ng, 2004

Pareuchiloglanis macropterus Ng, 2004g: 3, fig. 1. Type locality: China, Yunnan province, Salween River (Nujiang) drainage; Laowo River, a tributary of Salween River (Nujiang), ca. 5 km to Liuku on Yongping–Liuku Road, 25°50'18.6"N 98°53'46.8"E; 900 m asl. Holotype: ZRC 49124.

Distribution: Salween and Irrawaddy River basins, southern China (Ng, 2004g).

Pareuchiloglanis macrotremus (Norman, 1925)

Euchiloglanis macrotrema Norman, 1925b: 570. Type locality: Ngoi-Tio, Col des Nuages, Tonkin, Vietnam, elev. 4500–6500 ft. Syntypes: BMNH 1925.2.19.5–6 (2).

Distribution: Yuanjiang, China (Chu *et al.*, 1999); Tonkin, Vietnam.

Pareuchiloglanis myzostomus (Norman, 1923)

Euchiloglanis myzostoma Norman, 1923a: 562. Type locality: Yunnan, China. Syntypes: BMNH 1923.2.21.40–49 (10).

Distribution: Lancangjiang [= Mekong River], China (Chu *et al.*, 1999).

Pareuchiloglanis nebulifer Ng & Kottelat, 2000

Pareuchiloglanis nebulifer Ng & Kottelat, 2000b: 11, fig. 4. Type locality: Small creek, trib. of Houai Siam, upstream of Ban Kangpabong, Houaphan Prov., Laos, 20°19'36"N, 104°25'01"E. Holotype: ZRC 45706.

Distribution: Nam Xam and Nam Ma basins, Ma River Drainage, Laos (Kottelat, 2001b).

Pareuchiloglanis poilanei Pellegrin, 1936

Pareuchiloglanis poilanei Pellegrin, 1936b: 246. Type locality: Annam [Vietnam]. Syntypes: MNHN 1936-0005 (1), MNHN 1936-0006 (1), MNHN 1936-0007 (1), MNHN 1936-0008 (1), MNHN 1936-0009 (1), MNHN 1936-0010 (1), MNHN 1936-0011 (1), MNHN 1936-0012 (1), MNHN 1936-0013 (1), MNHN 1936-0014 (1), MNHN 1936-0015 (1), MNHN 1935-0016 (1), MNHN 1936-0017 (1), MNHN 1936-0018 (1), MNHN 1936-0019 (1), MNHN 1936-0020 (4).

Distribution: Central Vietnam.

Pareuchiloglanis rhabdurus Ng, 2004

Pareuchiloglanis rhabdurus Ng, 2004g: 7, fig. 3. Type locality: Vietnam: Ha Giang province, Red River (Song Hong) drainage, Vi Xuyen district, Cao Bo stream (Bac Trao river) near camp 1, 22°45'18.0"N, 104°52'11'4"E. Holotype: AMNH 211153.

Distribution: Song Lo River, Red River basin, northern Vietnam (Ng, 2004g).

Pareuchiloglanis robustus Ding, Fu & Ye, 1991

Pareuchiloglanis robusta Ding, Fu & Ye, 1991: 369, fig. 1. Type locality: a stream (Qing Yijing), Sichuan, China. Holotype: SPNRI 8801.

Distribution: Yangtze River basin, China (Ding *et al.*, 1991).

Pareuchiloglanis sichuanensis Ding, Fu & Ye, 1991

Pareuchiloglanis sichuanensis Ding, Fu & Ye, 1991: 371, fig. 2. Type locality: Baoxing, Sichuan Province, China. Holotype: Sichuan Agric. Univ. 6-1481.

Distribution: Yangtze River basin, China (Ding *et al.*, 1991).

Pareuchiloglanis sinensis (Hora & Silas, 1952)

Euchiloglanis sinensis Hora & Silas, 1952a: 17, fig. 2. Type locality: presumably from some part of China, possibly Yunnan. Holotype: ZSI F12208/1.

Distribution: Jinshajiang, China (Chu *et al.*, 1999).

Pareuchiloglanis songdaensis Nguyen & Nguyen, 2001

Pareuchiloglanis songdaensis Nguyen & Nguyen, 2001: 67, fig. 1. Type locality: [Da River, Muong Te, Lai Chau Town and Phong Tho, Vietnam]. Holotype (115 mm SL): LM 2001.01 H.

Distribution: Da River, Vietnam (Nguyen & Nguyen, 2001).

Pareuchiloglanis songmaensis Nguyen & Nguyen, 2001

Pareuchiloglanis songmaensis Nguyen & Nguyen, 2001: 68, fig. 2. Type locality: [Ma River, Song Ma district, Son La Province, Vietnam]. Holotype (82 mm SL): LM 2001.02H.

Distribution: Ma River, Vietnam (Nguyen & Nguyen, 2001).

Pareuchiloglanis tianquanensis Ding & Fang, 1997

Pareuchiloglanis tianquanensis Ding & Fang, 1997: 17, fig. 1. Type locality: a stream (Upper Qing Yi River), altitude 2010 m., Tianquan County, Sichuan Province [China]. Holotype: SPNRI 920185.

Distribution: Upper Qing Yi River basin, Sichuan, China (Ding & Fang, 1997).

PSEUDECHENEIS Blyth, 1860

Pseudecheneis Blyth, 1860: 154. Type species: *Glyptosternon sulcatus* M'Clelland, 1842. Type by monotypy. Gender: Feminine.

Parapseudecheneis Hora, in Hora & Chabanaud, 1930: 216. Type species: *Pseudecheneis paviei* Vaillant, 1892. Type by monotypy. Gender: Feminine.

Propseudecheneis Hora, 1937d: 348. Type species: *Propseudecheneis tchangii* Hora, 1937. Type by original designation. Gender: Feminine.

Review: Hora (1952); Hora & Chabanaud (1930); Chu (1982), China.

Phylogeny: Chu (1982), Zhou & Zhou (2005).

Pseudecheneis crassicauda Ng & Edds, 2005

Pseudecheneis crassicauda Ng & Edds, 2005b: 2, fig. 1. Type locality: Nepal: Mewa Khola (River), Dhakuta District, 27°0'N, 87°20'E. Holotype: BMNH 1958.9.1.8.

Distribution: Tamur River basin, Kosi drainage, Nepal (Ng & Edds, 2005b).

Pseudecheneis immaculata Chu, 1982

Pseudecheneis immaculatus Chu, 1982: 428, 447, fig. 1. Type locality: Baijixun (upper Lancang River), Weixi County, Yunnan, China. Holotype: KIZ 748742.

Distribution: upper Langcangjiang [= Mekong River], China (Chu *et al.*, 1999).

Pseudecheneis paviei Vaillant, 1892

Pseudecheneis paviei Vaillant, 1892a: 126. Type locality: Near Lai Chau, Tonkin, northern Vietnam. Holotype: MNHN 1892-0049; redescribed and illustrated in Vaillant (1904: 464, pl. 22, fig. 3). Holotype illustrated in Hora & Chabanaud (1930: 217, fig. 2).

Pseudecheneis intermedius Chu, 1982: 430, 447, fig. 2. Type locality: Dongbao (a stream at upper reaches of Babian River, belonging to the Red River drainage), Jingdong County [Yunnan, China]. Holotype: KIZ 737173.

Distribution: Northern Vietnam and Yunnan, China (Kottelat, 2001a).

Remarks: Synonymy follows Ng & Edds (2005b: 12).

Pseudecheneis serracula Ng & Edds, 2005

Pseudecheneis serracula Ng & Edds, 2005b: 6, fig. 3. Type locality: Nepal: Mugu/Bajura, Jhugala, Karnali River, purchased at Jhugala, 29°31'18.0"N, 81°46'48.0"E. Holotype: KU 29554.

Distribution: Karnali and Gandaki River basins, Nepal (Ng & Edds, 2005).

Pseudecheneis sulcata (M'Clelland, 1842)

Glyptosternon sulcatus M'Clelland, 1842: 587, pl. 6 (in part). Type locality: Kasyah Hills. Holotype: BMNH 2005.5.17.5 (76 mm SL).

Distribution: Lancangjiang [= Mekong River], Nujiang [= Salween River], Yaluzangbujiang [= upper Brahmaputra River], Irrawaddy River, China (Chu *et al.*, 1999).

Pseudecheneis sulcatoides Zhou & Chu, 1992

Pseudecheneis sulcatoides Zhou & Chu, 1992: 111, 115, figs. 1–3. Type locality: Yangbi (25°40'N, 99°57'E), [Lan-

cangjiang River (=upper Mekong)] Yunnan Province, China. Holotype: KIZ 839059.

Distribution: Upper Mekong River basin, Yunnan, China (Zhou & Chu, 1992).

Pseudecheneis sympelvica Roberts, 1998

Pseudecheneis sympelvicus Roberts, 1998: 290, fig. 1. Type locality: Nam Veo, tributary of Nam Phao 25 km east of Lak Sao, Nam Theun watershed, Mekong Basin, central Laos. Holotype: ZRC 40359.

Distribution: Nam Theun watershed, Mekong River basin, Laos (Roberts, 1998).

Pseudecheneis tchangi Hora, 1937

Propseudecheneis tchangi Hora, 1937d: 348, fig. 11b. Type locality: Yunnan, China. Holotype: Zoological Museum of Fan Memorial Institute, Beijing, 12016.

Distribution: Red River, Yunnan, China (Hora, 1937d).

PSEUDEXOSTOMA Chu, 1979

Pseudexostoma Chu, 1979: 78, 81. Type species: *Glyptosternum yunnanensis* Tchang, 1935. Type by original designation. Gender: Neuter.

Pseudexostoma brachysoma Chu, 1979

Pseudexostoma yunnanensis brachysoma Chu, 1979: 78, 81, fig. 3. Type locality: Hill stream running into the Nu River, near Laowo, Yunlong Xian [Yunnan, China]. Holotype: KIZ 742093.

Distribution: Nujiang [= Salween River], China (Chu *et al.*, 1999).

Pseudexostoma yunnanense (Tchang, 1935)

Glyptosternum yunnanensis Tchang, 1935b: 174, fig. 1. Type locality: Yunnan, China. Holotype: ASIZB [= ZMFMIB] 12027.

Distribution: Irrawaddy River, China (Chu *et al.*, 1999).

PSEUDOLAGUVIA Misra, 1976

Pseudolaguvia Misra, 1976: 253. Type species: *Glyptothorax tuberculatus* Prashad & Mukerji, 1929. Type by original designation. Gender: Feminine.

Remarks: See Jayaram (1973c) for comments on this genus, but as *Laguvia*.

Pseudolaguvia foveolata Ng, 2005

Pseudolaguvia foveolata Ng, 2005b: 174, fig. 1. Type locality: India: West Bengal: Tista River at Tista barrage, 26°45'10"N, 88°34'11"E. Holotype: UMMZ 244867.

Distribution: Tista River, Brahmaputra River basin, India (Ng, 2005b).

Pseudolaguvia inornata Ng, 2005

Pseudolaguvia inornata Ng, 2005g: 36, fig. 1. Type locality: Bangladesh: Chittagong District, Koilla Khal (creek), 10 km E of Feni-Chittagong highway on road to Ramgarh, 22°55'N, 91°36'E. Holotype: UMMZ 245580.

Distribution: Feni River basin, Bangladesh (Ng, 2005g).

Pseudolaguvia kapuri (Tilak & Husain, 1975)

Laguvia ribeiroi kapuri Tilak & Husain, 1975: 1, figs. 1–3. Type locality: Padhoi river, near Kalsia Ghat, Saharanpur, (U. P.) [India]. Holotype: ZSI/NRS 836.

Distribution: Padhoi River and Dhamola River, Saharanpur, Uttar Pradesh (Jayaram, 1999).

Remarks: Redescribed in Gupta (1982).

Pseudolaguvia muricata Ng, 2005

Pseudolaguvia muricata Ng, 2005g: 41, fig. 3. Type locality: Bangladesh: Sylhet District, Rangapani Khal (creek), 6 km WNW of Sylhet-Shillong highway, 25°10'N, 92°6'E. Holotype: UMMZ 245581.

Distribution: Brahmaputra River basin, Bangladesh (Ng, 2005g).

Pseudolaguvia ribeiroi (Hora, 1921)

Laguvia ribeiroi Hora, 1921b: 741, pl. 29 (fig. 3). Type locality: Khoila River, tributary of Teesta at Jalpaiguri [India]. Holotype: ZSI F 10086/1.

Distribution: Teesta River system, north Bengal; Kosi River system Behar; Rihand River system, Uttar Pradesh, and rivers of Nepal (Jayaram, 1979, 1999).

Pseudolaguvia shawi (Hora, 1921)

Laguvia shawi Hora, 1921b: 740, pl. 29 (fig. 2). Type locality: Mahanadi River below Darjeeling, India. Holotype: ZSI F10085/1.

Distribution: North Bengal, India, and Bangladesh (Jayaram, 1999); Brahmaputra River basin, Assam, India (Arun-kumar, 2000).

***Pseudolaguvia tenebricosa* Britz & Ferraris, 2003**

Pseudolaguvia tenebricosa Britz & Ferraris, 2003: 2, fig. 1. Type locality: Myanmar, Kayin Division, Pathe Chaung, hill stream, 13 miles east of Taungoo, 19°01'11"N, 96°35'33"E. Holotype: USNM 373293.

Distribution: Sittang and upper Irrawaddy River basins, Myanmar (Britz & Ferraris, 2003).

***Pseudolaguvia tuberculata* (Prashad & Mukerji, 1929)**

Glyptothorax tuberculatus Prashad & Mukerji, 1929: 182, pl. 7 (fig. 2); fig. 4. Type locality: Sankha, a large hill-stream, midway between Kamaing and Mogaung, Myitkyina dist., Upper Burma. Holotype: ZSI F10876/1.

Distribution: Myitkyina District, Kachin State, Myanmar (Prashad & Mukerji, 1929).

***Sisor* Hamilton, 1822**

Sisor Hamilton, 1822: 208, 379. Type species: *Sisor rabdophorus* Hamilton, 1822. Type by monotypy. Gender: Masculine.

Revision: Ng (2003c).

***Sisor barakensis* Vishwanath & Darshan, 2005**

Sisor barakensis Vishwanath & Darshan, 2005: 1952, fig. 1a. Type locality: River Barak, Jiri, Manipur, India. Holotype: MUMF 3131. Holotype illustrated as Image 1 on web version of paper.

Distribution: Barak River, Brahmaputra River basin, India (Vishwanath & Darshan, 2005).

***Sisor chennuah* Ng & Lahkar, 2003**

Sisor chennuah Ng & Lahkar, in Ng, 2003c: 2876, fig. 5. Type locality: India, Assam State, Brahmaputra River drainage, Dibrugarh. Holotype: NRM 40420.

Distribution: Brahmaputra River basin, India and Bangladesh (Ng, 2003c).

***Sisor rabdophorus* Hamilton, 1822**

Sisor rabdophorus Hamilton, 1822: 208, 379. Type locality: Northern rivers of Bengal and Behar [now India: West Bengal State, Bhagirathi River at crossing point between Kalna (Bardhaman District) and Nisinghapur (Nadia District) (23°13'33" N, 88°32'41.4"E), by neotype designation]. Neotype: ZRC 45829, designated by Ng (2003c: 2873, 2881).

Distribution: Ganges River basin, West Bengal, India (Ng, 2003c).

Remarks: Name often misspelled *Sisor rhabdophorus*, following the incorrect subsequent spelling in Cuvier & Valenciennes (1840).

***Sisor rheophilus* Ng, 2003**

Sisor rheophilus Ng, 2003c: 2877, fig. 6. Type locality: India: Uttar Pradesh State, Kali Nadi River, near Muzaffarnagar. Holotype: UMMZ 189651.

Distribution: Upper and middle Ganges River basin, Bihar State and Uttar Pradesh, India (Ng, 2003c).

***Sisor tortosus* Ng, 2003**

Sisor tortosus Ng, 2003c: 2878, fig. 7. Type locality: India: Bihar State, Ganges River at Patna. Holotype: CAS 96629.

Distribution: Middle Ganges River basin, Bihar and Delhi States, India (Ng, 2003c).

***Species inquirenda*, Sisoridae**

Exostoma Oschanini Herzenstein, 1889a: 70. Upper Amu-Darya R., upper Syr-Darya R. basin (Ugam R, Tashkent), Uzbekistan. Syntypes: BMNH 1888.11.24.1 (1), ZIN 8055 (1), ZIN 8056 (1), ZIN 8057 (2). Also in Herzenstein (1889b:120).

TRICHOMYCTERIDAE Bleeker, 1858

Eremophilini Bonaparte, 1846: 5. Type genus: *Eremophilus* Humboldt, 1805.
Trichomycterini Bleeker, 1858b: 49, 250, 257. Type genus: *Trichomycterus* Valenciennes, 1832.
Vandelliini Bleeker, 1862 (in Bleeker, 1862–63): 17. Type genus: *Vandellia* Valenciennes, 1846.
Stegophilina Günther, 1864: 5, 12, 276. Type genus: *Stegophilus* Reinhardt, 1859.
Pareiodontinae Eigenmann, 1918c: 261. Type genus: *Pareiodon* Kner, 1855.
Tridentinae Eigenmann, 1918c: 275. Type genus: *Tridens* Eigenmann & Eigenmann, 1889.
Glanapteryginae Myers, 1944: 592. Type genus: *Glanapteryx* Myers, 1927.
Sarcoglanidinae Myers & Weitzman, 1966: 278. Type genus: *Sarcoglanis* Myers & Weitzman, 1966.
Trichogeninae Isbrücker, 1986: 276. Type genus: *Trichogenes* Britski & Ortega, 1983.
Copionodontinae de Pinna, 1992b: 179. Type genus: *Copionodon* de Pinna, 1992.
Taxonomic summary: de Pinna & Wosiacki (2003).
Biogeography: Arratia (1990).
Revision: Eigenmann (1918a); Tchernavin (1944, Trichomycterinae).
Phylogeny: Baskin (1973), de Pinna (1989b, Glanapteryginae); de Pinna (1992b); Costa (1994); Bockmann *et al.* (2004).
Review: Miranda Ribeiro (1946, 1951b, Brazilian Stegophilinae); Miranda Ribeiro (1947, Brazilian Vandelliinae);
Miranda Ribeiro (1949b, 1956, 1957, Brazilian Trichomycterinae).
41 genera, 207 species; no named fossil taxa (but see *Propygidium* in section below entitled “Names wrongly treated as Siluriformes”).

ACANTHOPOMA Lütken, 1892

Acanthopoma Lütken, 1892: 57. Type species: *Acanthopoma annectens* Lütken, 1892. Type by monotypy. Gender: Neuter.

Acanthopoma annectens Lütken, 1892

Acanthopoma annectens Lütken, 1892: 53, figures on p. 56. Type locality: Huallaga. Holotype: MTD F5245.
Distribution: Upper and middle Amazon River basin, Brazil and Peru (de Pinna & Wosiacki, 2003).

AMMOGLANIS Costa, 1994

Ammoglanis Costa, 1994: 208. Type species: *Ammoglanis diaphanus* Costa, 1994. Type by original designation.
Gender: Masculine.

Ammoglanis diaphanus Costa, 1994

Ammoglanis diaphanus Costa, 1994: 208, fig. 1. Type locality: Stream trib. to Rio Javaés, Rio Araguaia basin, ca. 40 km north of Araguaçu, 12°24'S, 49°58'W, Tocantin state, Brazil. Holotype: MNRJ 12442.
Distribution: Stream tributary to Javaés River, Araguaia River basin, Brazil (de Pinna & Wosiacki, 2003).

Ammoglanis pulex de Pinna & Winemiller, 2000

Ammoglanis pulex de Pinna & Winemiller, 2000: 257, fig. 1. Type locality: Venezuela: Estado Amazonas: Río Paria Grande at bridge on road between Pto. Ayacucho and Samariapo (5°23'N 67°37'W). Holotype: MBUCV V-29040.
Distribution: Paria Grande River, Pamoni River and Caño Garrapata, Venezuela (de Pinna & Wosiacki, 2003).

APOMATOCEROS Eigenmann, 1922

Apomatoceros Eigenmann, 1922a: 113. Type species: *Apomatoceros alleni* Eigenmann, 1922. Type by monotypy.
Gender: Masculine.

Apomatoceros alleni Eigenmann, 1922

Apomatoceros alleni Eigenmann, 1922a: 113, pls. 3 (figs. 1–4), 4 (fig. 9). Type locality: Río Morona, upper Amazon system, Peru. Holotype: CAS 56174.
Distribution: Amazon River basin, Peru (de Pinna & Wosiacki, 2003).

BULLOCKIA Arratia, Chang, Menu-Marque & Rojas, 1978

Bullockia Arratia, Chang, Menu-Marque & Rojas, 1978: 162, 187. Type species: *Hatcheria maldonadoi* Eigenmann, 1920. Type by monotypy. Gender: Feminine.

Bullockia maldonadoi (Eigenmann, 1920)

Hatcheria Maldonadoi Eigenmann, 1920c: 53. Type locality: lower course of the Rio Nonguen where it passes through the ground of the Agricultural School, at the outskirts of Concepción, Chile. Lectotype: CAS 63842. Illustrated and described in more detail in Eigenmann (1927: 39, pl. 8, figs. 2–2b); with the lectotype established in caption to pl. 8.

Hatcheria bullocki Fowler, 1940b: 180, figs. 14–15. Type locality: Angol, Chile. Holotype: ANSP 69145. Böhlke (1984: 163) noted that stated locality in the original description is Angol, but catalog and label say “El Vergal.” Distribution: Chile (de Pinna & Wosiacki, 2003).

Remarks: The description of *Hatcheria maldonadoi* stated that the Type (= Holotype) was illustrated. However, there was no illustration associated with that publication, so all of the examined specimens need to be treated as syntypes. The illustrated specimen in Eigenmann (1927) was labeled as the type, which is sufficient to be treated as a lectotype designation.

COPIONODON de Pinna, 1992

Copionodon de Pinna, 1992b: 181. Type species: *Copionodon pecten* de Pinna, 1992. Type by original designation. Gender: Masculine.

Copionodon lianae Campanario & de Pinna, 2000

Copionodon lianae Campanario & de Pinna, 2000: 370, figs. 1–2. Type locality: Brazil: Bahia: Rio Grisante (Rio Mucujê basin), approx. 13°08'S 41°17'W. Holotype: MZUSP 42469.

Distribution: Grisante River, tributary to Mucujê River, Paraguaçu River basin, Brazil (de Pinna & Wosiacki, 2003).

Copionodon orthiocarinatus de Pinna, 1992

Copionodon orthiocarinatus de Pinna, 1992b: 188, figs. 3–4. Type locality: Rio Mucujê, trib. of Rio Paraguaçu, Bahia, Brazil, ca. 13°00'S, 41°23'W, elev. 1200 m. Holotype: MZUSP 42463.

Distribution: Mucujê River, tributary of Paraguaçu River, Brazil (de Pinna & Wosiacki, 2003).

Copionodon pecten de Pinna, 1992

Copionodon pecten de Pinna, 1992b: 182, figs. 1–2. Type locality: Rio Mucujê, trib. of R. Paraguaçu, Bahia, Brazil, ca. 13°00'S, 41°23'W, elev. 1200 m. Holotype: MZUSP 42461.

Distribution: Mucujê River, tributary of Paraguaçu River, Brazil (de Pinna & Wosiacki, 2003).

EREMOPHILUS Humboldt, 1805

Eremophilus Humboldt, 1805a: 17. Type species: *Eremophilus mutisii* Humboldt, 1805. Type by monotypy. Gender: Masculine.

Thrichomycterus Humboldt, 1805a: 18. Type species: *Eremophilus mutisii* Humboldt, 1805. Type by monotypy. Gender: Masculine. Given as an alternative name, but never used subsequently, for *Eremophilus* Humboldt.

Trachypoma Giebel, 1871: 97. Type species: *Trachypoma marmoratum* Giebel, 1871. Type by original designation. Gender: Neuter. Preoccupied by *Trachypoma* Günther, 1859, in fishes; apparently not replaced.

Eremophilus mutisii Humboldt, 1805

Eremophilus mutisii Humboldt, 1805a: 18, pl. 6. Type locality: petite rivière de Bogota, qui forme la fameuse catarate de Tequendama, Colombia. No types known.

? *Trachypoma marmoratum* Giebel, 1871: 97. Type locality: obern Amazonenstrom. Type(s): Whereabouts unknown.

Distribution: Bogotá River basin; probably introduced to Ubaté, Chinquinquirá and Tundama valleys, Colombia (de Pinna & Wosiacki, 2003).

GLANAPTERYX Myers, 1927

Glanapteryx Myers, 1927: 128. Type species: *Glanapteryx anguilla* Myers, 1927. Type by original designation. Gender: Feminine.

Glanapteryx anguilla Myers, 1927

Glanapteryx anguilla Myers, 1927: 129. Type locality: Rapids of São Gabriel, Rio Negro system, Brazil. Holotype: CAS 56048.

Distribution: Negro and Orinoco River basins, Brazil and Venezuela (Nico & de Pinna, 1996; de Pinna & Wosiacki, 2003).

Remarks: Redescribed in de Pinna (1989b), with notes on distribution in Nico & de Pinna (1996).

Glanapteryx niobium de Pinna, 1998

Glanapteryx niobium de Pinna, 1998b: 36, fig. 1. Type locality: Brazil, State of Amazonas, Pico da Neblina National Park, Morro dos Seis Lagos (approx. 0°17'N 66°41'W), Lago Esperança. Holotype: INPA 12421.

Distribution: Morro dos Seis Lagos, Negro River basin, Brazil (de Pinna & Wosiacki, 2003).

GLAPHYROPOMA de Pinna, 1992

Glaphyropoma de Pinna, 1992b: 194. Type species: *Glaphyropoma rodriguesi* de Pinna, 1992. Type by original designation. Gender: Feminine.

Glaphyropoma rodriguesi de Pinna, 1992

Glaphyropoma rodriguesi, 1992b: 196, figs. 7–8. Type locality: Rio Mucujê, trib. of Rio Paraguaçu, Bahia, Brazil, ca. 13°00'S, 41°23'W, elev. 1200 m. Holotype: MZUSP 42465.

Distribution: Mucujê River, tributary of Paraguaçu River, Brazil (de Pinna & Wosiacki, 2003).

HAEMOMASTER Myers, 1927

Haemomaster Myers, 1927: 131. Type species: *Haemomaster venezuelae* Myers, 1927. Type by original designation. Gender: Masculine.

Haemomaster venezuelae Myers, 1927

Haemomaster venezuelae Myers, 1927: 131. Type locality: Venezuela, Playa Matepalma, Orinoco. Holotype: CAS 55882.

Distribution: Amazon and Orinoco River basins, Brazil and Venezuela (de Pinna & Wosiacki, 2003).

Remarks: Redescribed in Schmidt (1985).

HATCHERIA Eigenmann, 1909

Hatcheria Eigenmann, 1909b: 250. Type species: *Hatcheria patagoniensis* Eigenmann, 1909. Type by original designation. Gender: Feminine.

Revision: Arratia & Menu-Marque (1981).

Hatcheria macraei (Girard, 1855)

Thrichomycterus macraei Girard, 1855: 245. Type locality: Near Uspullata, east side of the Cordilleras, Argentina, elev. 7000 ft. Syntypes: MCZ 8298 (1), USNM 1546 (orig. 3, now 1).

Pygidium Burmeisteri Berg, 1895: 128, pl. 2 (fig. 1). Type locality: Provincia Mendoza (Río Mendoza), Argentina. Holotype: at MACN.

Hatcheria patagoniensis Eigenmann, 1909b: 250, pl. 33 (fig. 2), pl. 34 (fig. 1). Type locality: Río Blanco at base of Andes, Patagonia, Argentina, 47°30'S, 72°W. Holotype: Whereabouts unknown.

Hatcheria titcombi Eigenmann, 1918c: 692. Type locality: Rio Comajo; tributary of Lake Traftul, tributary to Rio Limay, Argentina. Holotype: CAS 28557; holotype illustrated in Eigenmann (1918a: 284, pl. 44, fig. 2).

Hatcheria pique MacDonagh, 1938: 171, figs. 23–24. Type locality: Río Colorado cerca de su desembocadura, vecino a la estación Pedro Luro del F. C. S., Argentina. Holotype: MLP 15.X.36.

Distribution: Cis-Andean rivers of Argentina, between 29° and 45°30'S (de Pinna & Wosiacki, 2003).

HENONEMUS Eigenmann & Ward, 1907

Henonemus Eigenmann & Ward, in Eigenmann, McAtee & Ward, 1907: 118. Type species: *Stegophilus intermedius* Eigenmann & Eigenmann, 1889. Type by original designation. Gender: Masculine.

Cobitiglanis Fowler, 1914: 268. Type species: *Ochmacanthus taxistigma* Fowler, 1914. Type by original designation. Gender: Masculine. Proposed originally as a subgenus of *Ochmacanthus*.

Henonemus intermedius (Eigenmann & Eigenmann, 1889)

Stegophilus intermedius Eigenmann & Eigenmann, 1889b: 54. Type locality: Goyaz [Brazil]. Holotype: MCZ 9842.

Distribution: Araguaia River basin, Brazil (de Pinna & Wosiacki, 2003).

Henonemus macrops (Steindachner, 1882)

Stegophilus macrops Steindachner, 1882b: 178. Type locality: Amazonenstrom. Holotype: at NMW. Species illustrated and described in more detail in Steindachner (1882c: 28, pl. 6, figs. 2, 2a).

Distribution: Amazon River basin, Brazil (de Pinna & Wosiacki, 2003).

Henonemus punctatus (Boulenger, 1887)

Stegophilus punctatus Boulenger, 1887c: 279, pl. 21 (fig. 4). Type locality: Canelos. Holotype: BMNH 1880.12.8.89.

Distribution: Amazon River basin of Brazil, Ecuador and Peru (de Pinna & Wosiacki, 2003).

Henonemus taxistigma (Fowler, 1914)

Ochmacanthus taxistigma Fowler, 1914: 268, fig. 16. Type locality: Rupununi River, British Guiana ... in the highlands of British Guiana, approximately secured in North Latitude 2° to 3°, and West Longitude 50°20'. Holotype: ANSP 39344.

Distribution: Rupununi River basin, Guyana (de Pinna & Wosiacki, 2003).

HOMODIAETUS Eigenmann & Ward, 1907

Homodiaetus Eigenmann & Ward, in Eigenmann, McAtee & Ward, 1907: 117. Type species: *Homodiaetus anisitsi* Eigenmann & Ward, 1907. Type by original designation. Gender: Masculine.

Revision: Koch (2002).

Homodiaetus anisitsi Eigenmann & Ward, 1907

Homodiaetus anisitsi Eigenmann & Ward, in Eigenmann, McAtee & Ward, 1907: 119, pl. 34 (figs. 2–3). Type locality: small creek at Villa Rica, Paraguay. Holotype: CAS 37276; holotype illustrated in Eigenmann (1918a: 351; pl. 56, fig. 3, 5).

Homodiaetus vazferreirai Devincenzi, in Devincenzi & Vaz-Ferreira, 1939: 168, figured. Type locality: río Uruguay, en las inmediaciones de la ciudad de Paysandú, Uruguay. Holotype: MHNM CI 345.

Distribution: Paraná-Paraguay River basin (Koch, 2002).

Homodiaetus banguela Koch, 2002

Homodiaetus banguela Koch, 2002: 42, fig. 4. Type locality: Brasil, Rio de Janeiro: Silva Jardim (rio São João, no cruzamento com a BR-101). Holotype: MCP 19619.

Distribution: São João River, State of Rio de Janeiro, southeastern Brazil (Koch, 2002).

Homodiaetus graciosa Koch, 2002

Homodiaetus graciosa Koch, 2002: 44, fig. 5. Type locality: Brasil, Paraná, Morretes (rio Sagrado, posto florestal). Holotype: MCP 19618.

Distribution: Coastal basins of southeastern Brazil in states of Paraná and São Paulo (Koch, 2002).

Homodiaetus passarellii (Miranda Ribeiro, 1944)

Stegophilus passarellii Miranda Ribeiro, 1944c: 1, fig. on p. 2. Type locality: Córrego do Barro Branco (conhecido atualmente como Roncador) com nascentes na Serra do Barro Branco e desaguando no canal Saracuruna— um dos formadores do rio Estrêla (hoje também conhecido como Canal), e que se lança no fundo de baía de Guanabara no local denominado “Boqueirão” estrada de Magé, Estado do Rio de Janeiro [Brazil]. Holotype: MNRJ 3783.

Distribution: Coastal basins of Rio de Janeiro State, southeastern Brazil (Koch, 2002).

ITUGLANIS Costa & Bockmann, 1993

Ituglanis Costa & Bockmann, 1993: 44. Type species: *Pygidium proops parahybae* Eigenmann, 1918. Type by original designation. Gender: Masculine.

Ituglanis amazonicus (Steindachner, 1882)

Trichomycterus amazonicus Steindachner, 1882b: 178. Type locality: Cudajas [Brazil]. Holotype: NMW 43306. Species illustrated and described in more detail in Steindachner (1882c: 29, pl. 6, figs. 4, 4a).

Distribution: Amazon River basin, Brazil, and rivers of French Guiana (de Pinna & Wosiacki, 2003).

Ituglanis bambui Bichuette & Trajano, 2004

Ituglanis bambui Bichuette & Trajano, 2004: 245, fig. 1. Type locality: Brazil: Goiás: São Domingos: Terra Ronca

State Park: Angélica Cave: upper tributary of main subterranean stream, formed by infiltration of epikarstic water, 13°31'W, 46°23'W. Holotype: MZUSP 79860.

Distribution: São Domingos karst area, Tocantins River basin, Brazil (Bichuette & Trajano, 2004).

Ituglanis eichorniarum (Miranda Ribeiro, 1912)

Trichomycterus eichorniarum Miranda Ribeiro, 1912: 27. Type locality: Cáceres, nas margens do Paraguay (M. Grosso) [Brazil]. Lectotype: MNRJ 780A, designated by Miranda Ribeiro (1953: 405).

Distribution: Upper Paraguay River basin, Brazil (de Pinna & Wosiacki, 2003).

Ituglanis epikarsticus Bichuette & Trajano, 2004

Ituglanis epikarsticus Bichuette & Trajano, 2004: 248, fig. 4. Type locality: Brazil: Goiás: São Domingos: Terra Ronca State Park: São Mateus Cave: rimstone dams (travertine basins) fed by infiltration of epikarstic water (13°40'S, 46°22'W). Holotype: MZUSP 79869.

Distribution: São Domingos karst area, Tocantins River basin, Brazil (Bichuette & Trajano, 2004).

Ituglanis gracilior (Eigenmann, 1912)

Pygidium gracilior Eigenmann, 1912b: 213. Type locality: Erukin, British Guiana. Holotype: FMNH 53264; holotype illustrated in Eigenmann (1918a: 326; pl. 50, fig. 3).

Distribution: Guyana (de Pinna & Wosiacki, 2003).

Ituglanis guayaberensis (Dahl, 1960)

Pygidium metae guayaberensis Dahl, 1960b: 307, fig. 2. Type locality: Small pond in a brook trib. to Río Guayabero, ca. 1 km from mouth of the brook In a brook approx. 1500 m. from Camp 1, same locality as the holotype of *Leyvaichthys castaneus*, Orinoco System, Colombia. Holotype: Whereabouts unknown (possibly at ICN-MHN).

Distribution: Guayabero River basin, Orinoco drainage, Colombia (de Pinna & Wosiacki, 2003).

Ituglanis herberti (Miranda Ribeiro, 1940)

Trichomycterus Herberti Miranda Ribeiro, 1940: 60, fig. Type locality: Rio Bodoquena, Pantanal, sur de Mato Grosso [Brazil]. Syntypes (7): MNRJ 1428 (2), MNRJ 1429 (5).

Distribution: Bodoquena River, Paraguay River basin, Brazil (de Pinna & Wosiacki, 2003).

Ituglanis laticeps (Kner, 1863)

Trichomycterus laticeps Kner, 1863: 228, fig. 17. Type locality: Fundort, wie die vorige Art [in reference to *Trichomycterus taenia*, from "Westabhänge der Andes im Staate Ecuador"]. Also described in Kner & Steindachner (1864: 54, pl. 6, fig. 2).

Distribution: Ecuador (de Pinna & Wosiacki, 2003).

Ituglanis macunaima Datovo & Landim, 2005

Ituglanis macunaima Datovo & Landim, 2005: 456, fig. 1. Type locality: Brazil, Mato Grosso, Cocalinho; rio Araguaia basin, Corixo da Saudade (Corixinho); 14°17'20.6"S 51°9'12.1"W. Holotype: MZUSP 88452.

Distribution: Araguaia River basin, Brazil (Datovo & Landim, 2005).

Ituglanis metae (Eigenmann, 1918)

Pygidium metae Eigenmann, 1918c: 694. Type locality: Barrigona, Colombia. Holotype: CAS 58138; holotype illustrated in Eigenmann (1918a: 312, pl. 47, fig. 5).

Distribution: Colombia (de Pinna & Wosiacki, 2003).

Ituglanis nebulosus de Pinna & Keith, 2003

Ituglanis nebulosus de Pinna & Keith, 2003: 874, figs. 1, 2. Type locality: French Guiana, Arataye river (Tributary of Approuague river), near the natural preserve "Reserve naturelle des Nouragues" (04°00'22"N, 52°36'34"W). Holotype: MNHN 2001-1128.

Distribution: Approuague River basin, French Guiana (de Pinna & Keith, 2003).

Ituglanis parahybae (Eigenmann, 1918)

Pygidium proops parahybae Eigenmann, 1918a: 332. Type locality: Rio Parahyba, Brazil. Holotype: FMNH 58576.

Distribution: Paraíba do Sul and São João River basins, Brazil (de Pinna & Wosiacki, 2003).

Ituglanis parkoi (Miranda Ribeiro, 1944)

Pygidium parkoi Miranda Ribeiro, 1944b: 1, fig. Type locality: rio Iticoaí (entre os rios das Pedras e Ituí) que deságua no Javari, afluente do Amazonas, Benjamin Constant, Estados do Amazonas [Brazil]. Holotype: MNRJ

3849.

Distribution: Amazon River basin, Brazil (de Pinna & Wosiacki, 2003).

Ituglanis passensis Fernández & Bichuette, 2002

Ituglanis passensis Fernández & Bichuette, 2002: 274, fig. 1. Type locality: Brazil: Goiás: São Domingos: Passa Três cave: subterranean stream in the Tocantins drainage, 13°36'S 46°23'W. Holotype: MCP 27382.

Distribution: Passa Três cave system in São Domingos, Goiás, Brazil (de Pinna & Wosiacki, 2003).

Ituglanis proops (Miranda Ribeiro, 1908)

Trichomycterus proops Miranda Ribeiro, 1908b: [3], fig. 4. Type locality: Rio Ribeira, Iguape, [Brazil]. Lectotype: MNRJ 781A, designated by Miranda Ribeiro (1953: 405).

Distribution: Ribeira de Iguape River basin, Brazil (de Pinna & Wosiacki, 2003).

Ituglanis ramiroi Bichuette & Trajano, 2004

Ituglanis ramiroi Bichuette & Trajano, 2004: 250, fig. 7. Type locality: Brazil: Goiás: São Domingos: Terra Ronca State Park: São Bernardo Cave: side pool fed by small water inlet (13°49'S, 46°21'W), for about 700 m from cave entrance. Holotype: MZUSP 79865.

Distribution: São Domingos karst area, Tocantins River basin, Brazil (Bichuette & Trajano, 2004).

LISTRURA de Pinna, 1988

Listrura de Pinna, 1988: 114. Type species: *Listrura nematopteryx* de Pinna, 1988. Type by original designation. Gender: Feminine.

Listrura boticario de Pinna & Wosiacki, 2002

Listrura boticario de Pinna & Wosiacki, 2002: 721, fig. 1. Type locality: Brazil, State of Paraná, Município de Guaraqueçaba, pool adjacent to Rio da Figueira (tributary of Rio Morato, itself tributary to Rio Guaraqueçaba, an isolated coastal basin that drains directly into the Baía das Laranjeiras), inside the nature preserve “Reserva Particular do Patrimônio Natural Salto Morato” (25°16'S, 48°12'W, UTM: 7.212.500–7.215.400). Holotype: MZUSP 69573.

Distribution: Da Figueira and Guaraqueçaba River basins, Paraná State, Brazil (de Pinna & Wosiacki, 2003).

Listrura camposi (Miranda Ribeiro, 1957)

Eremophilus camposi Miranda Ribeiro, 1957: 72, fig. Type locality: Rio Poço Grande, [trib. of the Rio Juquiá, Fazenda Poço Grande, Juquiá, ca. 24°15'S, 47°37'W, Sao Paulo State, Brazil]. Holotype: MZUSP 3426.

Distribution: Poço Grande River, tributary of the Juquiá River, São Paulo State, and Ribeirão da Ilha, Florianópolis, Santa Catarina State, Brazil (de Pinna & Wosiacki, 2003).

Listrura nematopteryx de Pinna, 1988

Listrura nematopteryx de Pinna, 1988: 115, figs. 1–2. Type locality: Small marsh which is source of creek later joining Ribeirão Imbariê, trib. of Rio Estrela, near 58 km mark of old road leading to Petrópolis (Antiga Rio-Petrópolis, also called “Estrada Automóvel Club”), Município de Magé, Localidade de Piabetá, Rio de Janeiro, Brazil (22°36'36"S 43°11'26"W). Holotype: MZUSP 36974.

Distribution: Imbariê Creek, basin, Estrela River system, Piabetá, Rio de Janeiro State, and Picinguaba, São Paulo State, Brazil (de Pinna & Wosiacki, 2003).

Listrura tetaradiata Landim & Costa, 2002

Listrura tetaradiata Landim & Costa, 2002: 152, fig. 1. Type locality: Brazil: Estado do Rio de Janeiro: Município de Saquarema, rio da Represa, a tributary of rio Bom Sucesso, rio Ibicuíba basin of the Lagoa de Araruama system, Palmital, approximately 5 km north from Bacaxá, about 22°50'S, 42°28'W. Holotype: MZUSP 52572.

Distribution: Ibicuíba River, Araruama Lagoon system, Brazil (de Pinna & Wosiacki, 2003).

MALACOGLANIS Myers & Weitzman, 1966

Malacoglanis Myers & Weitzman, 1966: 281. Type species: *Malacoglanis gelatinosus* Myers & Weitzman, 1966. Type by original designation. Gender: Masculine.

Malacoglanis gelatinosus Myers & Weitzman, 1966

Malacoglanis gelatinosus Myers & Weitzman, 1966: 282, figs. 3–4. Type locality: Small caño of the Río Orteguzza, a short distance above its junction with the Rio Caquetá, Caquetá Province, Colombia. Holotype: SU 50754.

Distribution: Caquetá River basin, Colombia (de Pinna & Wosiacki, 2003).

MEGALOCENTOR de Pinna & Britski, 1991

Megalocentor de Pinna & Britski, 1991: 115. Type species: *Megalocentor echthrus* de Pinna & Britski, 1991. Type by original designation. Gender: Masculine.

Megalocentor echthrus de Pinna & Britski, 1991

Megalocentor echthrus de Pinna & Britski, 1991: 116, figs. 3, 4 (a–b). Type locality: Rio Madeira, Calama, Praia do Caraparu, Estado do Amazonas, Brazil. Holotype: MZUSP 41879.

Distribution: Amazon and Orinoco River basins (de Pinna & Wosiacki, 2003).

MICROCAMBEVA Costa & Bockmann, 1994

Microcambeva Costa & Bockmann, 1994a: 718. Type species: *Microcambeva barbata* Costa & Bockmann, 1994. Type by original designation. Gender: Feminine.

Microcambeva barbata Costa & Bockman, 1994

Microcambeva barbata Costa & Bockmann, 1994a: 718, figs. 2–3. Type locality: Brazil: Estado do Rio de Janeiro: rio São João, near Gaviões, Município de Silva Jardim. Holotype: MZUSP 43678.

Distribution: Atlantic coastal drainages of Rio de Janeiro and Espírito Santo states, Brazil (de Pinna & Wosiacki, 2003).

Microcambeva ribeirae Costa, Lima & Bizerril, 2004

Microcambeva ribeirae Costa, Lima & Bizerril, 2004: 3, figs. 1, 2. Type locality: Brazil: Estado de São Paulo: Município de Pedro de Toledo, Rio São Lourençinho, no Bairro São Lourenço. Holotype: MZUSP 84301.

Distribution: Ribeira do Iguape River basin, SE Brazil (Costa *et al.*, 2004).

MIUROGLANIS Eigenmann & Eigenmann, 1889

Miuroglanis Eigenmann & Eigenmann, 1889b: 55. Type species: *Miuroglanis platycephalus* Eigenmann & Eigenmann, 1889. Type by original designation. Gender: Masculine.

Miuroglanis platycephalus Eigenmann & Eigenmann, 1889

Miuroglanis platycephalus Eigenmann & Eigenmann, 1889b: 56. Type locality: Jutahy [Brazil]. Holotype: MCZ 8172.

Distribution: upper Amazon River basin, Brazil (de Pinna & Wosiacki, 2003).

OCHMACANTHUS Eigenmann, 1912

Ochmacanthus Eigenmann, 1912: 213. Type species: *Ochmacanthus flabelliferus* Eigenmann, 1912. Type by original designation. Gender: Masculine.

Gyrinurus Miranda Ribeiro, 1912: 27. Type species: *Gyrinurus batrachostoma* Miranda Ribeiro, 1912. Type by monotypy. Gender: Masculine.

Ochmacanthus alternus Myers, 1927

Ochmacanthus alternus Myers, 1927: 129. Type locality: Venezuela: Caño de Quiribana, near Caicara. Lectotype: CAS 13522.

Distribution: Negro and Orinoco River basins, Brazil and Venezuela (de Pinna & Wosiacki, 2003).

Ochmacanthus batrachostoma (Miranda Ribeiro, 1912)

Gyrinurus batrachostoma Miranda Ribeiro, 1912: 28, pl. Type locality: rio Paraguay em S. Luiz de Cáceres [Mato Grosso, Brazil]. Holotype: MNRJ 786.

Distribution: Paraguay River basin, Brazil (de Pinna & Wosiacki, 2003); la Plata basin, Argentina (Casciotta & Almirón, 1996).

Ochmacanthus flabelliferus Eigenmann, 1912

Ochmacanthus flabelliferus Eigenmann, 1912b: 213. Type locality: Konawaruk, British Guiana. Holotype: FMNH 53263; holotype illustrated in Eigenmann (1918a: 357; pl. 55, fig. 5).

Distribution: River drainages in Guyana and Venezuela (de Pinna & Wosiacki, 2003).

Ochmacanthus orinoco Myers, 1927

Ochmacanthus orinoco Myers, 1927: 130. Type locality: Venezuela: Playa Matepalma, Orinoco. Holotype: CAS 76355.

Distribution: Negro and Orinoco River basins, Brazil and Venezuela (de Pinna & Wosiacki, 2003).

Ochmacanthus reinhardtii (Steindachner, 1882)

Stegophilus Reinhardtii Steindachner, 1882b: 178. Type locality: Amazonenstrom und Rio Iça. Syntypes: NMW 44735 (2), NMW 50603 (3). Species illustrated and described in more detail in Steindachner (1882c: 28, pl. 6, fig. 1).

Distribution: Amazon River basin, Brazil, and drainages in French Guyana (de Pinna & Wosiacki, 2003).

PARACANTHOPOMA Giltay, 1935

Paracanthopoma Giltay, 1935: 1. Type species: *Paracanthopoma parva* Giltay, 1935. Type by original designation. Gender: Neuter.

Phylogeny: Schmidt (1993).

Paracanthopoma parva Giltay, 1935

Paracanthopoma parva Giltay, 1935: 1, figs. 1–3. Type locality: Rio Catrymany supérieur [Brazil]. Holotype: IRSNB 43.

Distribution: Amazon basin, Brazil, and Essequibo River basin, Guyana (de Pinna & Wosiacki, 2003).

Remarks: Redescribed, with notes on biology, in Schmidt (1993).

PARASTEGOPHILUS Miranda Ribeiro, 1946

Parastegophilus Miranda Ribeiro, 1946: 12. Type species: *Stegophilus maculatus* Steindachner, 1879. Type by original designation. Gender: Masculine.

Parastegophilus maculatus (Steindachner, 1879)

Stegophilus maculatus Steindachner, 1879a: 32. Type locality: La Plata, Prov. of Buenos Aires, Argentina. Holotype: NMW 57222. Species illustrated and described in more detail in Steindachner (1879e: 25, pl. 4, fig. 2).

Distribution: Lower Paraná and Uruguay River basins, Argentina (de Pinna & Wosiacki, 2003).

Parastegophilus paulensis (Miranda Ribeiro, 1918)

Pseudostegophilus paulensis Miranda Ribeiro, 1918e: 727. Type locality: Avandava, Rio Tieté, Estado de São Paulo [Brazil]. Holotype: MZUSP 2272.

Pseudostegophilus scarificator Ihering, 1930: 100, pl. 13 (fig. 2). Type locality: São Paulo [Brazil]. Syntypes (2): Whereabouts unknown.

Distribution: Upper Paraná River basin, Brazil (de Pinna & Wosiacki, 2003).

PARAVANDELLIA Miranda Ribeiro, 1912

Paravandellia Miranda Ribeiro, 1912: 28. Type species: *Paravandellia oxyptera* Miranda Ribeiro, 1912. Type by monotypy. Gender: Feminine.

Branchioica Eigenmann, 1918c: 702. Type species: *Branchioica bertonii* Eigenmann, 1918. Type by original designation. Gender: Feminine.

Pleurophysus Miranda Ribeiro, 1918d: 636. Type species: *Pleurophysus hydrostaticus* Miranda Ribeiro, 1918. Type by monotypy. Gender: Masculine.

Parabranchioica Devincenzi & Vaz-Ferreira, 1939: 5. Type species: *Parabranchioica teaguei* Devincenzi & Vaz-Ferreira, 1939. Type by monotypy. Gender: Feminine.

Paravandellia oxyptera Miranda Ribeiro, 1912

Paravandellia oxyptera Miranda Ribeiro, 1912: 29. Type locality: Cáceres, margens do Rio Paraguai [Brazil]. Holotype: MNRJ 790.

Branchioica bertonii Eigenmann, 1918c: 703. Type locality: Asuncion, Paraguay. Holotype: CAS 63840; holotype illustrated in Eigenmann (1918a: 368, pl. 53, figs. 3–5) as *Branchioica bertonii*.

Pleurophysus hydrostaticus Miranda Ribeiro, 1918d: 636. Type locality: Rio Claro [Brazil]. Lectotype: MZUSP 2214, designated by Britski (1969: 206).

Vandellia hematophaga Guimarães, 1935: 300, figs. 1–4. Type locality: Ríó Tietê, Salto, São Paulo [Brazil]. Lecto-

type: SU 16766, designated by Böhlke (1953: 45).

Parabranchioica teaguei Devincenzi & Vaz-Ferreira, 1939: 5, unnumbered figure. Type locality: río Uruguay, en las inmediaciones de la ciudad de Paysandú [Uruguay]. Type(s): at MHNM.

Distribution: Paraná, Paraguay and Uruguay River basins, Brazil, Paraguay, and Uruguay (de Pinna & Wosiacki, 2003).

Paravandellia phaneronema (Miles, 1943)

Branchioica phaneronema Miles, 1943a: 32, fig. 8. Type locality: various points in the Upper Cauca valley. Holotype: lost (Román-Valencia, 1998). Described again in Miles (1943b: 367, figs. 1–3).

Branchioica magdalenae Miles, 1943a: 33. Type locality: Río Magdalena, Colombia. Holotype: lost (Román-Valencia, 1998). Described again in Miles (1943b: 368).

Distribution: Magdalena and Cauca River basins, Colombia (de Pinna & Wosiacki, 2003).

Remarks: Although both of these nominal species were described twice in 1943, the text of Miles (1943b) indicates that the names were first made available in Miles (1943a). Román-Valencia (1998) treated *Branchioica magdalenae* as a junior synonym of *Paravandellia phaneronema*, thereby acting as first reviser.

PAREIODON Kner, 1855

Pareiodon Kner, 1855a: 160. Type species: *Pareiodon microps* Kner, 1855. Type by monotypy. Gender: Masculine.

Centrophorus Kner, 1859: 167 (footnote). Type species: *Pareiodon microps* Kner, 1855. Type by being a replacement name. Gender: Masculine. Unneeded replacement for *Pareiodon* Kner, 1855, then considered preoccupied by *Parodon*. Preoccupied by *Centrophorus* Müller & Henle, 1837, in Elasmobranchs.

Astemomycterus Guichenot, 1860: 525. Type species: *Trichomycterus pusillus* Castelnau, 1855. Type by original designation. Gender: Masculine.

Pareiodon microps Kner, 1855

Pareiodon microps Kner, 1855a: 160, fig. 2. Type locality: Borba (?) [Río Madeira]. Syntypes: NMW 45486 (2).

Trichomycterus pusillus Castelnau, 1855: 50, pl. 24 (fig. 4). Type locality: l'Araguay et [...] l'Amazone. Syntypes: MNHN 0000-1210 (4).

Distribution: Amazon River basin, Brazil (de Pinna & Wosiacki, 2003).

Remarks: Priority of publication of the two included synonyms may not have yet been established, inasmuch as the precise dates of publication of the two works were not listed in Eschmeyer *et al.* (1998) or other relevant publications. If priority cannot be used to resolve this issue, precedence must be given to *Pareiodon microps* by first reviser action of Eigenmann & Eigenmann (1889: 346).

PLECTROCHILUS Miranda Ribeiro, 1917

Plectrochilus Miranda Ribeiro, 1917: 50. Type species: *Plectrochilus machadoi* Miranda Ribeiro, 1917. Type by monotypy. Gender: Masculine.

Plectrochilus diabolicus (Myers, 1927)

Urinophilus diabolicus Myers, 1927: 132. Type locality: Iquitos, Peru. Holotype: CAS 59940.

Distribution: Amazon River basin, Brazil and Peru (de Pinna & Wosiacki, 2003).

Plectrochilus machadoi Miranda Ribeiro, 1917

Plectrochilus machadoi Miranda Ribeiro, 1917: 50, three unnumbered figures. Type locality: Fluvio Solimões, [Brazil]. Holotype: MNRJ 978.

Vandellia hasemani Eigenmann, 1918a: 363, figs. 33–35, pl. 53 (fig. 3). Type locality: Río Mamoré, Alto Amazonas, Bolivia. Holotype: FMNH 58523.

Distribution: Amazon River basin, Brazil and Peru (de Pinna & Wosiacki, 2003).

Plectrochilus wieneri (Pellegrin, 1909)

Vandellia wieneri Pellegrin, 1909e: 199, unnumbered figure. Type locality: [Río Napo, near mouth of Río Misahuallí, Ecuador]. Holotype: MNHN a-9934.

Distribution: Napo River basin, Ecuador (de Pinna & Wosiacki, 2003).

PSEUDOSTEGOPHILUS Eigenmann & Eigenmann, 1889

Pseudostegophilus Eigenmann & Eigenmann, 1889b: 54. Type species: *Stegophilus nemurus* Günther, 1869. Type by original designation. Gender: Masculine.

Pseudostegophilus haemomyzon (Myers, 1942)

Homodiaetus haemomyzon Myers, 1942: 98, fig. 4. Type locality: Río Guarico at Calabozo, Venezuela. Holotype: SU 36500.

Distribution: Orinoco River basin, Venezuela (de Pinna & Wosiacki, 2003).

Pseudostegophilus nemurus (Günther, 1869)

Stegophilus nemurus Günther, 1869: 429. Type locality: Upper Amazon River, Peru. Holotype: BMNH 1869.5.21.9.

Distribution: Amazon River basin, Brazil and Peru (de Pinna & Wosiacki, 2003).

PYGIDIANOPS Myers, 1944

Pygidianops Myers, 1944: 592. Type species: *Pygidianops eigenmanni* Myers, 1944. Type by original designation. Gender: Masculine.

Key: Schaefer *et al.* (2005: 5).

Pygidianops cuao Schaefer, Provenzano, de Pinna & Baskin, 2005

Pygidianops cuao Schaefer, Provenzano, de Pinna & Baskin, 2005: 5, figs. 1, 2. Type locality: Venezuela, Estado Amazonas, Río Cuao at Raudal Guacamaya, 8.1 miles upstream from Raudal El Danto, 05°07.71'N, 67°31.53'W. Holotype: MBUCV V-30917.

Distribution: Cuao River, Orinoco basin, Venezuela (Schaefer *et al.*, 2005).

Pygidianops eigenmanni Myers, 1944

Pygidianops eigenmanni Myers, 1944: 592, pl. 52 (fig. 1), pl. 53 (figs. 3–5). Type locality: Rock pools below São Gabriel Rapids, Rio Negro, Brazil. Holotype: CAS 11120.

Distribution: Negro River basin, Brazil (de Pinna & Wosiacki, 2003).

Pygidianops magoi Schaefer, Provenzano, de Pinna & Baskin, 2005

Pygidianops magoi Schaefer, Provenzano, de Pinna & Baskin, 2005: 10, figs. 5, 6. Type locality: Venezuela, Estado Delta Amacuro, Río Orinoco at Puerto Cabrian, 8°34.8'N, 62°15.9'W. Holotype: MBUCV V-31035.

Distribution: Lower Orinoco River, between Ciudad Bolivar and Barrancas, Venezuela (Schaefer *et al.*, 2005).

RHIZOSOMICHTHYS Miles, 1943

Bathophilus Miles, 1942: 57. Type species: *Pygidium totae* Miles, 1942. Type by monotypy. Gender: Masculine. Preoccupied by *Bathophilus* Giglioli, 1882, in fishes; replaced by *Rhizosomichthys* Miles, 1943, and *Bathypygidium* Whitley, 1947.

Rhizosomichthys Miles, 1943b: 369. Type species: *Pygidium totae* Miles, 1942. Type by being a replacement name. Gender: Masculine. Replacement for *Bathophilus* Miles, 1942; preoccupied by *Bathophilus* Giglioli, 1882.

Bathypygidium Whitley, 1947: 150. Type species: *Pygidium totae* Miles, 1942. Type by being a replacement name. Gender: Neuter. Replacement for *Bathophilus* Miles, 1942; preoccupied by *Bathophilus* Giglioli, 1882.

Rhizosomichthys totae (Miles, 1942)

Pygidium totae Miles, 1942: 55, unnumbered figure. Type locality: Lago de Tota, Boyacá, Cordillera Oriental, Colombia, 3060 metros. Holotype: ICNMMNH 20 [? now ICNMHN 353].

Distribution: Lake Tota basin, Colombia (de Pinna & Wosiacki, 2003).

SARCOGLANIS Myers & Weitzman, 1966

Sarcoglanis Myers & Weitzman, 1966: 279. Type species: *Sarcoglanis simplex* Myers & Weitzman, 1966. Type by original designation. Gender: Masculine.

Sarcoglanis simplex Myers & Weitzman, 1966

Sarcoglanis simplex Myers & Weitzman, 1966: 279, figs. 1–2. Type locality: Rock pools below São Gabriel Rapids, of the Rio Negro (below the town of Uaupés, formerly São Gabriel), Estado de Amazonas, Brazil. Holotype: SU 50189.

Distribution: Upper Negro River basin, Brazil (de Pinna & Wosiacki, 2003).

SCHULTZICHTHYS Myers & Weitzman, 1966

Schultzichthys Dahl, 1960b: 312. Type species: *Schultzichthys gracilis* Dahl, 1960. Type by monotypy. Gender: Masculine.

Schultzichthys bondi (Myers, 1942)

Acanthopoma bondi Myers, 1942: 97, fig. 5. Type locality: Río Apuré at San Fernando de Apuré, Venezuela. Holotype: SU 36498.

Distribution: Amazon and Orinoco River basins (de Pinna & Wosiacki, 2003).

Schultzichthys gracilis Dahl, 1960

Schultzichthys gracilis Dahl, 1960b: 312, figs. 4–5. Type locality: foot of a rapid in Caño Lozada, about 15 km above its junction with the Guayabero River [Río Orinoco system, Colombia]. Holotype: Whereabouts unknown (possibly at ICNMHN).

Distribution: Guayabero River, Orinoco River basin, Colombia (de Pinna & Wosiacki, 2003).

SCLERONEMA Eigenmann, 1918

Scleronema Eigenmann, 1918c: 691. Type species: *Scleronema operculatum* Eigenmann, 1918. Type by original designation. Gender: Neuter.

Scleronema angustirostre (Devincenzi, 1942)

Pygidium angustirostris Devincenzi, in Devincenzi & Teague, 1942: 30, pl. 4 (fig. 3). Type locality: La Cañeda de las Piedras, Uruguay. Holotype: at MHNM (not found).

Distribution: Uruguay (de Pinna & Wosiacki, 2003).

Scleronema minutum (Boulenger, 1891)

Trichomycterus minutus Boulenger, 1891: 235, pl. 26 (fig. 3). Type locality: San Lorenzo district [= São Lourenço das Missões], Brazil. Syntypes: BMNH 1891.3.16.84–86 (3).

Distribution: Rio Grande do Sul State, Brazil (de Pinna & Wosiacki, 2003); la Plata basin, Argentina (Casciotta & Almirón, 1996).

Scleronema operculatum Eigenmann, 1918

Scleronema operculatum Eigenmann, 1918c: 691. Type locality: Cacequy, Brazil. Holotype: FMNH 58080; holotype illustrated in Eigenmann (1918a: 281, pl. 44, fig. 1).

Distribution: Rio Grande do Sul State, Brazil (de Pinna & Wosiacki, 2003).

SILVINICHTHYS Arratia, 1998

Silvinichthys Arratia, 1998: 356. Type species: *Trichomycterus mendozensis* Arratia, Chang, Menu-Marque & Rojas, 1978. Type by monotypy. Gender: Masculine.

Silvinichthys bortayro Fernández & de Pinna, 2005

Silvinichthys bortayro Fernández & de Pinna, 2005: 101, figs. 1–2. Type locality: Argentina, Provincia de Salta, Departamento Capital, artificial well near Río Arenales at San Luis, 1273 m elevation, 12 m depth, 24°50'S, 65°30'W. Holotype: FML 2590.

Distribution: Artificial wells in Salta Province, Argentina (Fernández & de Pinna, 2005).

Silvinichthys mendozensis (Arratia, Chang, Menu-Marque & Rojas, 1978)

Trichomycterus mendozensis Arratia, Chang, Menu-Marque & Rojas, 1978: 170, figs. 8–10. Type locality: freshwater of the preandean range of Mendoza, Argentina ..., where it occupies a restricted environment between 1,500 to 1,700 m above sea level. Holotype: FFSUC IC 118-27.

Distribution: Mendoza River basin, Argentina (de Pinna & Wosiacki, 2003).

STAUROGLANIS de Pinna, 1989

Stauroglanis de Pinna, 1989a: 6. Type species: *Stauroglanis gouldingi* de Pinna, 1989. Type by original designation. Gender: Masculine.

Stauroglanis gouldingi de Pinna, 1989

Stauroglanis gouldingi de Pinna, 1989a: 7, figs. 1–3. Type locality: Cachoeira do Aracu, R. Daraá (R. Negro drainage system), Estado do Amazonas, Brazil. Holotype: MZUSP 31088.

Distribution: Daraá River, Negro River basin, Brazil (de Pinna & Wosiacki, 2003).

STEGOPHILUS Reinhardt, 1859

Stegophilus Reinhardt, 1859: 5. Type species: *Stegophilus insidiosus* Reinhardt, 1859. Type by monotypy. Gender: Masculine.

Stegophilus insidiosus Reinhardt, 1859

Stegophilus insidiosus Reinhardt, 1859: 5, pl. 2. Type locality: Rio das Velhas, Rio São Francisco system, Brazil.

Syntypes: BMNH 1875.5.22.1 (1), ZMUC P 30152 (1), ZMUC P 30153 (1).

Distribution: São Francisco River basin, Brazil (de Pinna & Wosiacki, 2003).

Stegophilus panzeri (Ahl, 1931)

Henonemus panzeri Ahl, 1931: 210, fig. 3. Type locality: Rio Capim [Brazil]. Holotype: at ZMB (orig. no. 656).

Distribution: Lower Amazon River basin, Brazil (de Pinna & Wosiacki, 2003).

Stegophilus septentrionalis Myers, 1927

Stegophilus septentrionalis Myers, 1927: 130. Type locality: Venezuela: Santa Barbara, Orinoco. Holotype: CAS 64597.

Distribution: Orinoco River basin, Venezuela (de Pinna & Wosiacki, 2003).

STENOLICMUS de Pinna & Starnes, 1990

Stenolicmus de Pinna & Starnes, 1990: 77. Type species: *Stenolicmus sarmientoi* de Pinna & Starnes, 1990. Type by original designation. Gender: Masculine.

Stenolicmus sarmientoi de Pinna & Starnes, 1990

Stenolicmus sarmientoi de Pinna & Starnes, 1990: 77, fig. 1–2. Type locality: Río Matos, trib. of Río Apere, 48 km east of San Borja, Ballivia Prov., Depto. Beni, Bolivia, 14°55'S, 66°17'W. Holotype: USNM 301664.

Distribution: Upper Apere River basin, Bolivia (de Pinna & Wosiacki, 2003).

TRICHOGENES Britski & Ortega, 1983

Trichogenes Britski & Ortega, 1983: 211. Type species: *Trichogenes longipinnis* Britski & Ortega, 1983. Type by original designation. Gender: Masculine.

Trichogenes longipinnis Britski & Ortega, 1983

Trichogenes longipinnis Britski & Ortega, 1983: 212, figs. 1–2. Type locality: Cachoeira do Amor, km 3 da estrada Parati-Ubatuba, SP [Brazil] Holotype: MZUSP 16099.

Distribution: Atlantic coastal drainages, northern São Paulo State, Brazil (de Pinna & Wosiacki, 2003).

TRICHOMYCTERUS Valenciennes, 1832

Trichomycterus Valenciennes, 1832a: 348. Type species: *Trichomycterus nigricans* Valenciennes, 1832. Type by monotypy. Gender: Masculine.

Review: Fernández (1999, Argentina).

Trichomycterus albinotatus Costa, 1992

Trichomycterus albinotatus Costa, 1992: 102, figs. 1–2. Type locality: Estado do Rio de Janeiro: Visconde de Maua, 1 km O de la Ville de Maromba, rio Preto, bassin du rio Paraíba [22°30'S 44°15'], Brazil. Holotype: MZUSP 42312.

Distribution: Preto River, Paraíba do Sul River basin, Brazil (de Pinna & Wosiacki, 2003).

Trichomycterus alternatus (Eigenmann, 1918)

Pygidium alternatum Eigenmann, 1918c: 700. Type locality: Rio Doce, Brazil. Holotype: FMNH 58082; holotype illustrated in Eigenmann (1918a: 336, pl. 52, fig. 3).

Pygidium florense Miranda Ribeiro, 1943: 1, fig. Type locality: rio das Flores, próximo a Ipiabas (estação de Pandiá Calógeras), Estado do Rio de Janeiro [Brazil]. Holotype: MNRJ 3751.

Pygidium travassosi Miranda Ribeiro, 1949a: 145, fig. 2. Type locality: Rio das Pedras, Fazenda Penedo, Agulhas Negras, Estado do Rio, Rio de Janeiro, Brazil. Holotype: MNRJ 5424.

Distribution: Atlantic coastal river basins, Rio de Janeiro and Espírito Santo States, Brazil (de Pinna & Wosiacki,

2003), Jequitinhonha River basin, Minas Gerais (Triques & Vono, 2004).

Trichomycterus alterus (Marini, Nichols & La Monte, 1933)

Pygidium alterum Marini, Nichols & La Monte, 1933: 2, fig. 2. Type locality: Rio de los Sauces, La Rioja, Argentina. Holotype: AMNH 12241.

Distribution: Humahuaca, Los Sauces River and Valle Guanchin (La Rioja), Argentina (de Pinna & Wosiacki, 2003).

Trichomycterus areolatus Valenciennes, 1846

Trichomycterus areolatus Valenciennes, in Cuvier & Valenciennes, 1846: 492. Type locality: la rivière de San Jago, Santiago. Syntypes: MNHN 0000-3167 (3), MNHN a-6310 (2).

Trichomycterus maculatus Valenciennes, in Cuvier & Valenciennes, 1846: 493. Type locality: Santiago du Chili. Syntypes: MNHN 0000-3166 (1), MNHN 0000-4236 (10).

Trichomycterus marmoratus Philippi, 1866: 714. Type locality: Chile. No types known.

Trichomycterus palleus Philippi, 1866: 715. Type locality: Chile. No types known.

Trichomycterus tigrinus Philippi, 1866: 714. Type locality: Chile. No types known.

Distribution: Pacific draining rivers of Central Chile (de Pinna & Wosiacki, 2003).

Trichomycterus arleoi (Fernández-Yépez, 1972)

Pygidium arleoi Fernández-Yépez, 1972a: 21, pl. 34. Type locality: Estación -140 — de la Cuenca del Rio Yaracuy, Venezuela. Holotype: collection of author, whereabouts unknown.

Distribution: Yaracuy River basin, Venezuela (de Pinna & Wosiacki, 2003).

Trichomycterus auroguttatus Costa, 1992

Trichomycterus auroguttatus Costa, 1992: 105, fig. 6. Type locality: Rio de Janeiro Estado do Rio de Janeiro: 1 km à l'ouest de la ville de Visconde de Mauá, rio Marimbondo, affluent du rio Preto, bassin du rio Paraíba, Brazil. Holotype: MZUSP 43341.

Distribution: Marimbondo River, Preto River system, Paraíba do Sul River basin, Brazil (de Pinna & Wosiacki, 2003).

Trichomycterus bahianus Costa, 1992

Trichomycterus bahianus Costa, 1992: 105, fig. 5. Type locality: Estado da Bahia: Una, 6,5 km au sud-est de la ville de Sao José, dans un ruisseau affluent du ribeirão Caveira, bassin du rio Una, Bahia, Brazil. Holotype: MZUSP 43340.

Distribution: Ribeirão Caveira tributary, Una River basin, State of Bahia, Brazil (de Pinna & Wosiacki, 2003).

Trichomycterus banneai (Eigenmann, 1912)

Pygidium banneai Eigenmann, 1912a: 19. Type locality: Bernal Creek near Honda, Colombia. Holotype: FMNH 56025; holotype illustrated in Eigenmann (1918a: 318, pl. 48, fig. 1).

Distribution: River drainages of Tolima and Cundinamarca, Colombia (Maldonado-Ocampo *et al.*, 2005).

Remarks: Treated as a junior synonym of *Trichomycterus bogotensis* (Eigenmann, 1912), in de Pinna & Wosiacki (2003), who also apparently acted as first reviser, but treated as a valid species in Maldonado-Ocampo *et al.* (2005).

Trichomycterus barbouri (Eigenmann, 1911)

Pygidium barbouri Eigenmann, 1911: 214, pl. 32. Type locality: Río Beni, e. Bolivia. Holotype: MCZ 29313.

Distribution: Amazon River basin, Bolivia, and la Plata River basin, Argentina (Fernández, 2000b); Beni River basin, Bolivia (de Pinna & Wosiacki, 2003).

Remarks: Redescribed in Fernández (2000).

Trichomycterus belensis Fernández & Vari, 2002

Trichomycterus belensis Fernández & Vari, 2002: 739, fig. 1. Type locality: Argentina, Provincia de Catamarca, Departamento Belén, stream tributary to Laguna Blanca, 11 km northeast from Belén on provincial road 43 along route from Belén to Antogagasta de la Sierra, near Los Nacimientos de San Antonio (approximately 26°30'S, 67°03'W). Holotype: FML 2530.

Distribution: Laguna Blanca basin, Argentina (de Pinna & Wosiacki, 2003).

Trichomycterus bogotensis (Eigenmann, 1912)

Pygidium bogotense Eigenmann, 1912a: 18. Type locality: On the plains of Bogota, at an elevation of nearly nine thousand feet, ..., Chapinero, Colombia. Holotype: FMNH 56030; holotype illustrated in Eigenmann (1918a:

315, pl. 49, fig. 3).

Distribution: Upper Cauca, Calima and San Juan rivers, Colombia (Maldonado-Ocampo *et al.*, 2005).

Trichomycterus bomboizanus (Tortonese, 1942)

Pygidium bomboizanum Tortonese, 1942: 113, pl. 1. Type locality: Rio Bomboiza (Ecuador merid.) Ecuador. Holotype: MZUT 3553.

Distribution: Bomboiza River basin, Ecuador (de Pinna & Wosiacki, 2003).

Trichomycterus borellii Boulenger, 1897

Trichomycterus borellii Boulenger, 1897c: 3. Type locality: Mission d'Aguaienda, Tala, and Lesser, Argentina. Syntypes: BMNH 1897.1.27.26 (1), ZMUT 1396 (6), ZMUT 1397 (2), ZMUT 13998 (1).

Pygidium Schmidti Berg, 1897: 266. Type locality: Río de Belén (Provincia de Catamarca), Argentina. Syntypes: BMNH 1898.9.23.3 (1), MACN 2361 (1), MACN 4595 (1), MACN 5164 (2), MACN 5176 (1).

Distribution: Salta, Catamarca and Mendoza, Argentina; Aguaienda, Bolivia (de Pinna & Wosiacki, 2003).

Trichomycterus boylei Nichols, 1956

Pygidium boylei Nichols, 1956: 1, fig. 1. Type locality: dry country at Tilcara, Argentina, elevation 8000 feet, Argentina. Holotype: AMNH 20299.

Distribution: Grande River basin, Argentina (de Pinna & Wosiacki, 2003).

Trichomycterus brasiliensis Reinhardt, 1874

Trichomycterus brasiliensis Reinhardt, in Lütken, 1874c: 29. Type locality: in Rio das Velhas. Syntypes: NMW 85270 (3), SMNS 2021 (1), ZMB 9171 (2), ZMUC P 30154–ZMUC P 30166 (1 each).

Trichomycterus brasiliensis tristis Lütken, 1875: 137. Type locality: Rio das Velhas, Minas Gerais, Brazil. Holotype: ZMUC P 30167.

Distribution: Upper São Francisco River, State of Minas Gerais and in smaller adjoining basins in Southeastern Brazil (de Pinna & Wosiacki, 2003).

Trichomycterus caliense (Eigenmann, 1912)

Pygidium caliense Eigenmann, 1912a: 18. Type locality: Cali, Colombia. Holotype: FMNH 56029.

Distribution: Calima River basin, Colombia (de Pinna & Wosiacki, 2003).

Trichomycterus candidus (Miranda Ribeiro, 1949)

Eremophilus candidus Miranda Ribeiro, 1949b: 2, unnumbered plate. Type locality: pequeno córrego que cai no ribeirão Espírito Santo, afluente do Rio Claro e este do Sapucaí, que deságua no Rio Grande — Município de Conceição Aparecida, Estado de Minas Gerais, Brazil. Holotype: MNRJ 5209.

Distribution: Grande River basin, Minas Gerais State, Brazil (de Pinna & Wosiacki, 2003).

Remarks: Redescribed as *Eremophilus candidus* in Barbosa & Costa (2003a).

Trichomycterus castroi de Pinna, 1992

Trichomycterus castroi de Pinna, 1992a: 90, figs. 1–3. Type locality: Branch of the Rio Iguaçú, near the point crossed by Curitiba-Paranaguá Road, State of Paraná, Brazil, ca. 25°26'S, 49°06'W. Holotype: MZUSP 36964.

Distribution: Iguaçú River basin, Brazil (de Pinna & Wosiacki, 2003).

Trichomycterus catamarcensis Fernández & Vari, 2000

Trichomycterus catamarcensis Fernández & Vari, 2000: 990. Type locality: Provincia de Catamarca, Departamento Belén, stream tributary to Laguna Blanca, 11 km northeast from Belén on provincial road 43 along route from Belén to Antofagasta de la Sierra, near Los Nacimientos de San Antonio (approximately 26° 30'S, 67°03'W), elevation 3500m, Argentina. Holotype: FML 2507.

Distribution: Laguna Blanca basin in Catamarca Province, Argentina (de Pinna & Wosiacki, 2003).

Trichomycterus caudofasciatus Alencar & Costa, 2004

Trichomycterus caudofasciatus Alencar & Costa, 2004: 5, fig. 2. Type locality: Brazil: Estado de Minas Gerais: Município de Alto Caparaó, Rio Caparaó, Rio Itabapoana basin, Alto Caparaó, 20°25'53.9"S, 41°51'56.8"W. Holotype: UFRJ 6002.

Distribution: Upper Itabapoana River basin, southeastern Brazil (Alencar & Costa, 2004).

Trichomycterus celsae Lasso & Provenzano, 2003

Trichomycterus celsae Lasso & Provenzano, 2003: 1140, fig. 1. Type locality: Venezuela, Estado Bolívar, río Kukenán, cabeceras, valle entre los tepuyes Roraima y Kukenán, Gran Sabana (05°06'30"N, 60°49'48"O). Holo-

type: MHNLS 6453.

Distribution: Kukenán River, Caroní River basin, Venezuela; known only from type locality (Lasso & Provenzano, 2003).

Trichomycterus chaberti Durand, 1968

Trichomycterus chaberti Durand, 1968: 344, fig. 3. Type locality: Umayalanta [Cave], Bolivia. Holotype: MNHN 1968-0217.

Distribution: Umayalanta Cave system, Bolivia (de Pinna & Wosiacki, 2003).

Trichomycterus chapmani (Eigenmann, 1912)

Pygidium chapmani Eigenmann, 1912a: 18. Type locality: Boquia, Colombia. Holotype: FMNH 56027; holotype illustrated in Eigenmann (1918a: 309, fig. 13; pl. 47, fig. 2).

Distribution: Upper Cauca River basin, and Dagua, Calima and San Juan Rivers, Colombia (Maldonado-Ocampo *et al.*, 2005).

Trichomycterus chiltoni (Eigenmann, 1920)

Pygidium chiltoni Eigenmann, 1920c: 54. Type locality: lower course of the Rio Nonguen where it passes through the ground of the Agricultural School, at the outskirts of Concepción, Chile. Lectotype: CAS 57596. Also described as new in Eigenmann (1927: 40, pl. 8, figs. 1, 1a, and pl. 13, figs. 5–6), with lectotype indicated in caption of pl. 8: “Type: 15059 I. U. M., 168 mm.”

Distribution: Western drainages in central Chile (de Pinna & Wosiacki, 2003).

Trichomycterus chungaraensis Arratia, 1983

Trichomycterus chungaraensis Arratia, 1983: 67, fig. 2. Type locality: Streams of Vertiente de Mal Paso, Chungará Lake, 4500 m above sea level, North Chile, South America, Chile. Holotype: FFSUC IC 290878A.

Distribution: Streams of Chungará Lake, Chile (de Pinna & Wosiacki, 2003).

Trichomycterus concolor Costa, 1992

Trichomycterus concolor Costa, 1992: 107, fig. 9. Type locality: ruisseau 20 km au sud de la ville de Garapuava, bassin du rio São Francisco, Minas Gerais, Brazil. Holotype: MZUSP 43347.

Distribution: Upper São Francisco River basin, Brazil (de Pinna & Wosiacki, 2003).

Trichomycterus conradi (Eigenmann, 1912)

Pygidium conradi Eigenmann, 1912b: 212. Type locality: Amatuk, British Guiana. Holotype: FMNH 53721; holotype illustrated in Eigenmann (1918a: 325; pl. 50, fig. 2).

Distribution: River drainages in Guyana and Venezuela (de Pinna & Wosiacki, 2003).

Trichomycterus corduvenensis Weyenbergh, 1877

Trichomycterus corduvenensis Weyenbergh, 1877: 11, pl. 3 (figs. 1–2). Type locality: Rio Primero, y en las acequias de Córdoba, Argentina. Syntype: MSNG 9020 (1).

Distribution: Primeiro River basin, Argentina (de Pinna & Wosiacki, 2003).

Trichomycterus davisi (Haseman, 1911)

Pygidium davisi Haseman, 1911b: 380, pl. 77; fig. 1. Type locality: Serrinha Paraná, Rio Iguazu system, Brazil. Holotype: FMNH 60309; holotype illustrated in Eigenmann (1918a: 334; pl. 51, fig. 5).

Distribution: Iguazu and Ribeira de Iguape River basins, Brazil (de Pinna & Wosiacki, 2003).

Trichomycterus diabolus Bockmann, Casatti & de Pinna, 2004

Trichomycterus diabolus Bockmann, Casatti & de Pinna, 2004: 227, figs. 1–2. Type locality: Brazil: São Paulo: Rio Parapanema basin, município de Teodoro Sampaio, Morro do Diabo State Park, Cão Carlos (22°35'28.0"S, 52°14'38.1"W). Holotype: MZUSP 78860.

Distribution: Parapanema River basin, southeastern Brazil (Bockmann *et al.*, 2004).

Trichomycterus dispar (Tschudi, 1846)

Pygidium dispar Tschudi, 1846: 22, pl. 3. Type locality: ... meisten Flüssen der Cordillera; ich habe ein Exemplar ahf einer Höhe von mehr als 14000 Fussü. M. gefangen; aber immer nur auf dem Hochlande zwischen den beiden Gebirgsketten und am Ostabhange der Anden wie an dem der Cordillera, Peru. Syntype: MHNN 767 (1).

Distribution: Peruvian Andes (de Pinna & Wosiacki, 2003).

Trichomycterus dorsotriatus (Eigenmann, 1918)

Pygidium dorsotriatum Eigenmann, 1918c: 695. Type locality: Villavicencio, Colombia. Holotype: FMNH 58096;

holotype illustrated in Eigenmann (1918a: 320, pl. 48, fig. 3). Appeared only as *Pygidium dorsotriatum* in Eigenmann (1918c) but as *Pygidium dorsostriatum* in later Eigenmann publications (e. g., Eigenmann, 1918a: 320); *dorsotriatum* regarded as a typographical error in Eschmeyer *et al.* (1998) and de Pinna & Wosiacki (2003), but no corrigendum by Eigenmann has been reported.

Distribution: River drainages in Villavicencio, Colombia (de Pinna & Wosiacki, 2003).

Trichomycterus duellmani Arratia & Menu-Marque, 1984

Trichomycterus duellmani Arratia & Menu-Marque, 1984: 510, figs. 14–15. Type locality: Río Tupiza, 12.5 km SE Tupiza, Bolivia, ... 22°33'S, 65°45'W. Holotype: KU 20191.

Distribution: Tupiza River basin, Bolivia (de Pinna & Wosiacki, 2003).

Trichomycterus emanueli (Schultz, 1944)

Pygidium emanueli emanueli Schultz, 1944c: 259, pl. 5 (fig. c). Type locality: Río Chama at Estanques, Estado de Mérida, Venezuela. Holotype: USNM 121223.

Distribution: Chama River basin, Venezuela (de Pinna & Wosiacki, 2003).

Trichomycterus fassli (Steindachner, 1915)

Pygidium fassli Steindachner, 1915a: 200. Type locality: Rio Songo im Distrikt Nord-Yungas, Bolivia. Syntypes (4): NMW 44470 (1). Illustrated and described in more detail as *Pygidium fasslii* in Steindachner (1915e: 97, pl. 13, figs. 1–2).

Distribution: Songo River basin, Bolivia (de Pinna & Wosiacki, 2003).

Trichomycterus gabrieli (Myers, 1926)

Pygidium gabrieli Myers, 1926: 151. Type locality: São Gabriel rapids, Rio Negro, in rock-pools, Amazon system, Brazil. Syntypes: CAS 64583 (4), SU 36556 (1).

Distribution: Upper Negro River, Brazil (de Pinna & Wosiacki, 2003).

Trichomycterus giganteus Lima & Costa, 2004

Trichomycterus giganteus Lima & Costa, 2004: 1, fig. 1. Type locality: Brazil: Estado do Rio de Janeiro: Município do Rio de Janeiro, Campo Grande, Rio Guandu-Mirim, Rio Guandu basin. Holotype: UFRJ 5999.

Distribution: Upper Guandu River basin, southeastern Brazil (Lima & Costa, 2004).

Trichomycterus goeldii Boulenger, 1896

Trichomycterus goeldii Boulenger, 1896b: 154. Type locality: Colonia Alpina, Organ Mts in the Province Rio Janeiro, at an altitude of nearly 2600 feet, Brazil. Syntypes: BMNH 1896.4.4.7–8 (2).

Distribution: Mountain ranges of coastal basins of Rio de Janeiro State, Brazil (de Pinna & Wosiacki, 2003).

Trichomycterus gorgona Fernández & Schaefer, 2005

Trichomycterus gorgona Fernández & Schaefer, 2005: 69, figs. 1–3. Type locality: Colombia, Departamento Cauca, Isla Gorgona, freshwater stream near northeast end of island, 02°59'N, 78°11'30"W. Holotype: ANSP 149946.

Distribution: Gorgona Island, Pacific coast of Colombia (Fernández & Schaefer, 2005).

Trichomycterus guaraquessaba Wosiacki, 2005

Trichomycterus guaraquessaba Wosiacki, 2005: 51, fig. 2. Type locality: rio Bracinho, Fazenda Salto Dourado, Município de Guaraqueçaba, Paraná, Brazil. Holotype: MPEG 7916.

Distribution: Bracinho River, Atlantic coastal basin, southern Brazil (Wosiacki, 2005).

Trichomycterus guianensis (Eigenmann, 1909)

Pygidium guianensis Eigenmann, 1909a: 11. Type locality: Aruataima Falls, Upper Potaro, British Guiana. Holotype: FMNH 52676; holotype illustrated in Eigenmann (1918a: 325, pl. 50, fig. 1) as *Pygidium guianense*.

Distribution: Rivers of the Guianas and Venezuela (de Pinna & Wosiacki, 2003).

Trichomycterus hasemani (Eigenmann, 1914)

Pygidium hasemani Eigenmann, 1914a: 48. Type locality: Santarem, Pará, Brazil. Holotype: FMNH 56424; holotype illustrated in Eigenmann (1918a: 326, pl. 50, fig. 4).

Distribution: Amazon River basin (de Pinna & Wosiacki, 2003).

Trichomycterus heterodontus (Eigenmann, 1918)

Pygidium heterodontum Eigenmann, 1918c: 692. Type locality: Rio Mendoza, Palmira, Argentina, 900 m, Argentina. Holotype: CAS 58139; holotype illustrated in Eigenmann (1918a: 296, pl. 44, fig. 4).

Distribution: Mendoza River basin, Argentina (de Pinna & Wosiacki, 2003).

- Trichomycterus iheringi*** (Eigenmann, 1918)
Pygidium iheringi Eigenmann, 1918c: 697. Type locality: São Paulo in coastal streams and Parana basin, Brazil.
 Holotype: CAS 64585; holotype illustrated in Eigenmann (1918a: 330, pl. 50, fig. 5) and Wosiacki (2005: 58, fig. 3).
 Distribution: Ribeira do Iguape River basin, Brazil (de Pinna & Wosiacki, 2003).
 Remarks: Redescribed in Wosiacki (2005: 56).
- Trichomycterus immaculatus*** (Eigenmann & Eigenmann, 1889)
Pygidium immaculatum Eigenmann & Eigenmann, 1889b: 52. Type locality: Juiz de Fora, Rio Parahybuna, Sao Matheos, Goyaz [Brazil]. Syntypes (14): MCZ 8266 (1), MCZ 8300 (10), MCZ 8302 (1), MCZ 8305 (1), MCZ 8307 (1). Species illustrated in Eigenmann (1918a: 334, pl. 52, fig. 1).
 Distribution: Parahybuna River, Parahybuna do Sul River basin, Brazil (de Pinna & Wosiacki, 2003).
- Trichomycterus itacambirussu*** Triques & Vono, 2004
Trichomycterus itacambirussu Triques & Vono, 2004: 165, fig. 2. Type locality: Brazil: Minas Gerais: County of Grão Mogol, Rio Jequitinhonha basin: drainage of Rio Itacambiruçu: Córrego do Cambral, 42°45'W 16°33'S.
 Holotype: MZUSP 58493.
 Distribution: Jequitinhonha River basin, Minas Gerais, Brazil (Triques & Vono, 2004).
- Trichomycterus itacarambiensis*** Trajano & de Pinna, 1996
Trichomycterus itacarambiensis Trajano & de Pinna, 1996: 86, figs. 1–2. Type locality: Creek inside Olhos d'Água cave, Município de Itacarambi, Minas Gerais, Brazil, 15°06'06"S, 44°09'30"W. Holotype: MZUSP 42469.
 Distribution: Olhos d'Água Cave in State of Minas Gerais, Brazil (de Pinna & Wosiacki, 2003).
- Trichomycterus itatiayae*** Miranda Ribeiro, 1906
Trichomycterus brasiliensis itatiayae Miranda Ribeiro, 1906: 178, pl. 1 (figs. a–c). Type locality: ... do Itatiaya, ... em afluyente do Parahyba, Rio de Janeiro State, Brazil. Lectotype: MNRJ 792, designated by Caramaschi & Caramaschi (1991: 223).
 Distribution: Rivers in Itatiaia Mountains, upper reaches of Parahybuna do Sul River basin, Brazil (de Pinna & Wosiacki, 2003).
 Remarks: Type locality was interpreted by Caramaschi & Caramaschi (1991: 223) as: Ribeirão da Tapera (tributary of the Ribeirão Bonito, Rio Parahybuna do Sul drainage), Mont-Serrat, Itatiaia (ca. 22°27'S, 44°50'W, ca. 800 m a.s.l.), Rio de Janeiro State, Brazil.
- Trichomycterus jacupiranga*** Wosiacki & Oyakawa, 2005
Trichomycterus jacupiranga Wosiacki & Oyakawa, 2005: 469, figs. 5–6. Type locality: rio do Queimado, Parque Estadual de Jacupiranga, Cajati [São Paulo, Brazil]. Holotype: MZUSP 67818.
 Distribution: Queimado River, São Paulo, Brazil (Wosiacki & Oyakawa, 2005).
- Trichomycterus jequitinhonhae*** Triques & Vono, 2004
Trichomycterus jequitinhonhae Triques & Vono, 2004: 167, fig. 3. Type locality: Brazil: Minas Gerais: County of Coronel Murta: Rio Jequitinhonha basin: Córrego Laranjeiras, 42°18'W 16°45'S. Holotype: MZUSP 58497.
 Distribution: Jequitinhonha River basin, Minas Gerais, Brazil (Triques & Vono, 2004).
- Trichomycterus johnsoni*** (Fowler, 1932)
Pygidium johnsoni Fowler, 1932a: 367, figure on p. 364. Type locality: Descalvados, Matto Grosso, Brazil. Holotype: ANSP 53873.
 Distribution: Paraná River basin, Mato Grosso, Brazil, and Corrientes, Argentina (de Pinna & Wosiacki, 2003).
- Trichomycterus knerii*** Steindachner, 1882
Trichomycterus Knerii Steindachner, 1882a: 142. Type locality: Canelos [Ecuador]. Syntype: NMW 43328 (1). Species illustrated and described in more detail in Steindachner (1882d: 81, pl. 5, figs. 1, 1a).
 Distribution: Canelos, Ecuador (de Pinna & Wosiacki, 2003).
- Trichomycterus landinga*** Triques & Vono, 2004
Trichomycterus landinga Triques & Vono, 2004: 162, fig. 1. Type locality: Brazil: Minas Gerais: County of Coronel Murta: Rio Jequitinhonha basin: Córrego Moquém, 42°35'W 16°45'S. Holotype: MZUSP 58496.
 Distribution: Jequitinhonha River basin, Minas Gerais, Brazil (Triques & Vono, 2004).
- Trichomycterus latidens*** (Eigenmann, 1918)

Pygidium latidens Eigenmann, 1918c: 693. Type locality: Small creek near mouth of Rio Calima, Colombia. Holotype: IU 13801 (whereabouts unknown); holotype illustrated in Eigenmann (1918a: 312, pl. 47, fig. 4).

Distribution: Calima River basin, Colombia (de Pinna & Wosiacki, 2003).

Trichomycterus latistriatus (Eigenmann, 1918)

Pygidium latistriatum Eigenmann, 1918c: 696. Type locality: Quebrada de Pinchote, Santander, Colombia. Holotype: FMNH 58449; holotype illustrated in Eigenmann (1918a: 321, pl. 48, fig. 4).

Distribution: Gaira, Cesar and Ariguani rivers, Magdalena River basin, Colombia (Maldonado-Ocampo *et al.*, 2005).

Trichomycterus laucaensis Arratia, 1983

Trichomycterus laucaensis Arratia, 1983: 74, fig. 8. Type locality: System of Lauca River, Parinacota, 4,390 m above sea level, northern Chile. Holotype: FFSUC IC 160878A.

Distribution: Lauca River basin, Chile (de Pinna & Wosiacki, 2003).

Trichomycterus lewi Lasso & Provenzano, 2003

Trichomycterus lewi Lasso & Provenzano, 2003: 1144, fig. 7. Type locality: Venezuela, Estado Bolívar, río Kukenán, cabeceras, valle entre los tepuyes Roraima y Kukenán, Gran Sabana (05°06'30"N, 60°49'48"O). Holotype: MHNLS 6454.

Distribution: Kukenán River, Caroni River basin, Venezuela; known only from type locality (Lasso & Provenzano, 2003).

Trichomycterus longibarbatus Costa, 1992

*Trichomycterus longibarbatu*s Costa, 1992: 104, fig. 4. Type locality: près de la ville de Santa Tereza, Espirito Santo, Brazil. Holotype: MZUSP 43339.

Distribution: Near Santa Tereza, Espirito Santo State, Brazil (de Pinna & Wosiacki, 2003).

Trichomycterus maracaiboensis (Schultz, 1944)

Pygidium banneui maracaiboensis Schultz, 1944c: 262, pl. 6 (fig. b). Type locality: Río San Juan near bridge, south of Mene Grande, tributary to Río Motatán, Maracaibo basin, Venezuela. Holotype: USNM 121227.

Distribution: San Juan River, tributary to Motatán River, Lake Maracaibo basin, Venezuela (de Pinna & Wosiacki, 2003).

Trichomycterus mboycy Wosiacki & Garavello, 2004

*Trichomycterus mboy*cy Wosiacki & Garavello, 2004: 8, fig. 5. Type locality: Brazil: State of Paraná: município de Foz do Jordão, Jordão reservoir, rio Jordão near at its mouth, tributary of rio Iguazu (rio Paraná Basin), 25°45'S, 52°10'W. Holotype: MPEG 6695.

Distribution: Jordão River, Iguazu River basin, Brazil (Wosiacki & Garavello, 2004).

Trichomycterus meridae Regan, 1903

Trichomycterus meridae Regan, 1903b: 624. Type locality: Merida, Venezuela, and from the Rio Albireggas above Merida, altitude 3500 metres, Venezuela. Syntypes: BMNH 1903.4.28.35-38 (4), BMNH 1906.6.30.77-79 (3), USNM 133136 (1).

Distribution: Albirregas River basin, Venezuela (de Pinna & Wosiacki, 2003).

Trichomycterus migrans (Dahl, 1960)

Pygidium migrans Dahl, 1960b: 309, fig. 3. Type locality: in front of Camp 1, in the Guayabero River [Orinoco System, Colombia]. Holotype: ICNMFH 399.

Distribution: Guayabero River, Orinoco River basin, Colombia (de Pinna & Wosiacki, 2003).

Trichomycterus mimonha Costa, 1992

Trichomycterus mimonha Costa, 1992: 106, fig. 7. Type locality: 2 km au nord de la ville de Piquete, rio Benfica, bassin du rio Paraíba, Sao Paulo, Brazil. Holotype: MZUSP 43343.

Distribution: Benfica River, Paraíba do Sul River basin, Brazil (de Pinna & Wosiacki, 2003).

Trichomycterus mirissumba Costa, 1992

Trichomycterus mirissumba Costa, 1992: 107, fig. 8. Type locality: Visconde de Mauá, 1 km à l'est de la ville de Maromba, rio Preto, près du confluent avec le ruisseau Santa Clara, bassin du rio Paraíba, Rio de Janeiro, Brazil. Holotype: MZUSP 43345.

Distribution: Preto River, Paraíba do Sul River basin, Brazil (de Pinna & Wosiacki, 2003).

Trichomycterus mondolfi (Schultz, 1945)

Pygidium mondolfi Schultz, 1945: 29, fig. 1. Type locality: Quebrado Chacaito near Caracas but in Estado de Miranda, Río Tuy system, Venezuela. Holotype: USNM 120377.

Distribution: Tuy River basin, Caribbean Drainage, Venezuela (de Pinna & Wosiacki, 2003).

Trichomycterus motatanensis (Schultz, 1944)

Pygidium emanueli motatanensis Schultz, 1944c: 260, pl. 6 (fig. a). Type locality: Río San Juan at the bridge south of Mene Grande, Motatán system, Maracaibo basin Venezuela. Holotype: USNM 121232.

Distribution: San Juan River, Motatán drainage, Lake Maracaibo basin, Venezuela (de Pinna & Wosiacki, 2003).

Trichomycterus naipi Wosiacki & Garavello, 2004

Trichomycterus naipi Wosiacki & Garavello, 2004: 2, fig. 2. Type locality: Brazil: State of Paraná: município de Tijucas do Sul, rio São João, tributary of rio da Várzea (Iguaçu Basin), near Lagoinha, 25°55'S, 49°11'W. Holotype: MPEG 6699.

Distribution: da Várzea River, Iguaçu River basin, Brazil (Wosiacki & Garavello, 2004).

Trichomycterus nigricans Valenciennes, 1832

Trichomycterus nigricans Valenciennes, 1832a: 348. Type locality: ruisseaux de Sainte-Catherine du Brèsil, Santa Catarina, Brazil. Holotype: apparently MNHN b-0251.

Distribution: Coastal drainages in Santa Catarina State, Brazil (de Pinna & Wosiacki, 2003).

Remarks: Species redescribed by Arratia (1998) with MNHN b-0251 listed as the holotype.

Trichomycterus nigromaculatus Boulenger, 1887

Trichomycterus nigromaculatus Boulenger, 1887b: 349. Type locality: Andes of Columbia. Syntypes: BMNH 1880.2.26.16–17 (2).

Distribution: Colombian Andes (de Pinna & Wosiacki, 2003).

Trichomycterus pantherinus Alencar & Costa, 2004

Trichomycterus pantherinus Alencar & Costa, 2004: 2, fig. 1. Type locality: Brazil: Estado do Espírito Santo: Município de Sant Leopoldina, below waterfall near Fazenda Sete Quedas, Rio da Prata, Rio Santa Maria da Vitória basin, 20°03'15.9"S, 40°32'20.5"W. Holotype: UFRJ 6001.

Distribution: Santa Maria da Vitória River basin, Southeastern Brazil (Alencar & Costa, 2004).

Trichomycterus paolencis (Eigenmann, 1918)

Pygidium paolence Eigenmann, 1918c: 698. Type locality: São Paulo in the Parana basin and (?) in coastal streams. ... Alto da Serra, Rio Tieté, São Paulo. ... Mogy das Cruces, Rio Tieté, São Paulo, Brazil. Holotype: FMNH 58085; holotype illustrated in Eigenmann (1918a: 332, pl. 51, fig. 3).

Distribution: Paraná River basin, São Paulo State, Brazil (de Pinna & Wosiacki, 2003).

Trichomycterus papilliferus Wosiacki & Garavello, 2004

Trichomycterus papilliferus Wosiacki & Garavello, 2004: 5, figs. 3, 4. Type locality: Brazil: State of Paraná: município de Foz do Jordão, Jordão reservoir, rio Jordão near at its mouth, tributary of rio Iguaçu (rio Paraná Basin), 25°45'S, 52°10'W. Holotype: MPEG 6692.

Distribution: Jordão River, Iguaçu River basin, Brazil (Wosiacki & Garavello, 2004).

Trichomycterus paquequerensis (Miranda Ribeiro, 1943)

Pygidium paquequerense Miranda Ribeiro, 1943: 2, fig. Type locality: rio Paquequer Grande, Estado do Rio de Janeiro [Brazil]. Holotype: MNRJ 1159.

Distribution: Paquequer River, Paraíba do Sul River basin, Brazil (de Pinna & Wosiacki, 2003).

Trichomycterus piuræ (Eigenmann, 1922)

Pygidium punctulatum piuræ Eigenmann, 1922b: 63. Type locality: Piura, Peru. Holotype: CAS 58119.

Distribution: Piura River basin, Peru (de Pinna & Wosiacki, 2003).

Trichomycterus plumbeus Wosiacki & Garavello, 2004

Trichomycterus plumbeus Wosiacki & Garavello, 2004: 13, fig. 8. Type locality: Brazil: State of Paraná: município de Foz do Jordão, Jordão reservoir, rio Jordão near at its mouth, tributary of rio Iguaçu (rio Paraná Basin), 25°45'S, 52°10'W. Holotype: MPEG 6689.

Distribution: Jordão River, Iguaçu River basin, Brazil (Wosiacki & Garavello, 2004).

Trichomycterus potschi Barbosa & Costa, 2003

Trichomycterus potschi Barbosa & Costa, 2003b: 282, fig. 1. Type locality: Brazil: Estado do Rio de Janeiro: rio das Cachoeiras, serra do Matutu, Município de Mangaratiba. Holotype: MCP 29061.

Distribution: Coastal river basins between Mangaratiba and Itaguaí, Rio de Janeiro State, Brazil (Barbosa & Costa, 2003b).

Trichomycterus pradensis Sarmiento-Soares, Martins-Pinheiro, Aranda & Chamon, 2005

Trichomycterus pradensis Sarmiento-Soares, Martins-Pinheiro, Aranda & Chamon, 2005: 291, fig. 1. Type locality: Brazil: Bahia: Jucuruçu, rio Jucuruçu, 2 km before the city of Jucuruçu on road Itamaraju-Jucuruçu, middle of rio Jucuruçu basin, 16°50'10"S 40°08'40"W. Holotype: MNRJ 28483.

Distribution: Jucuruçu River, a coastal river basin of SE Brazil (Sarmiento-Soares *et al.*, 2005).

Trichomycterus pseudosilvinichthys Fernández & Vari, 2004

Trichomycterus pseudosilvinichthys Fernández & Vari, 2004: 876, figs. 1–2. Type locality: Argentina, Provincia de La Rioja, Departamento Chilecito, Río Amarillo at Famatina, a small assemblage of houses near Fundición de Oro Santa Florentina (28°55'S, 67°31'W), on east slope of Sierra de Famatina. Holotype: FML 2588.

Distribution: La Rioja province, Argentina (Fernández & Vari, 2004).

Trichomycterus punctatissimus Castelnau, 1855

Trichomycterus punctatissimus Castelnau, 1855: 49, pl. 24 (fig. 3). Type locality: De l'Araguay. Holotype: MNHN b-0610.

Distribution: Araguaia River basin, Brazil (de Pinna & Wosiacki, 2003).

Trichomycterus punctulatus Valenciennes, 1846

Trichomycterus punctulatus Valenciennes, in Cuvier & Valenciennes, 1846: 488, pl. 552. Type locality: la rivière de Lima, Peru. Syntypes: MNHN 0000-3168 (5).

Distribution: Western Peru (de Pinna & Wosiacki, 2003).

Trichomycterus ramosus Fernández, 2000

Trichomycterus ramosus Fernández, 2000a: 350, fig. 1. Type locality: Catamarca: Departamento Belém: Laguna Blanca, 3680 m elevation, approximately 26°30'S, 67°03'W, Argentina. Holotype: FML 2070.

Distribution: Laguna Blanca basin, Catamarca Province, Argentina (de Pinna & Wosiacki, 2003).

Trichomycterus regani (Eigenmann, 1918)

Pygidium regani Eigenmann, 1918c: 696. Type locality: Tado, Rio San Juan, Colombia. Holotype: CAS 64591; holotype illustrated in Eigenmann (1918a: 323, pl. 48, fig. 5).

Distribution: San Juan River basin, Colombia (de Pinna & Wosiacki, 2003).

Trichomycterus reinhardti (Eigenmann, 1918)

Pygidium reinhardti Eigenmann, 1918c: 699. Type locality: Burmier on the Rio Itabira, a tributary of the Rio das Velhas, Brazil. Holotype: FMNH 58081; holotype illustrated in Eigenmann (1918a: 333, pl. 51, fig. 4).

Distribution: Upper São Francisco River basin, Brazil (de Pinna & Wosiacki, 2003).

Trichomycterus retropinnis Regan, 1903

Trichomycterus retropinnis Regan, 1903b: 624. Type locality: St. Augustin, Andes of Colombia, elev. 5000 feet. Syntypes (2): BMNH 1899.8.21.12–13 (2).

Distribution: Upper Magdalena River basin, Colombia (Maldonado-Ocampo *et al.*, 2005).

Trichomycterus riojanus (Berg, 1897)

Pygidium riojanum Berg, 1897: 269. Type locality: un arroyo de la Cordillera de La Rioja, Argentina. Holotype: MACN 5175 (destroyed, Fernández & Schaefer, 2003: 357).

Distribution: La Rioja Range, Argentina (de Pinna & Wosiacki, 2003).

Trichomycterus rivulatus Valenciennes, 1846

Trichomycterus rivulatus Valenciennes, in Cuvier & Valenciennes, 1846: 495. Type locality: ruisseaux qui se jettent dans le lac de Titicaca, vaste mer alpine, peuplée par les Orestias sans ventrales, ou dans les affluents de l'Apurimac, l'une des sources de l'Amazone ... du Guasacona, Peru. Syntype: MNHN b-0586 (1).

Trichomycterus barbatula Valenciennes, in Cuvier & Valenciennes, 1846: 498. Type locality: Guasacona et du Rio de Pontezualo près coroico, par une hauteur de terize à quatorze milles pieds et à una latitude de seize à dix-sept degrés nord. Syntypes: MNHN 0000-4077 (1), MNHN 0000-4078 (5) and MNHN b-0587 (3).

Trichomycterus gracilis Valenciennes, in Cuvier & Valenciennes, 1846: 497. Type locality: Rio de Azangaro près de

Guasacona, dans le Rio de Pontezualo près de Coroico, et enfin dans le lac de la Compucila dans les Andes, à l'ouest de Cuzco, par la hautes de quatorze mille pieds, Peru. Syntypes: MNHN 0000-3129 (2), MNHN 0000-4063 (2), MNHN a-9766 (6), MNHN b-0588 (2).

Trichomycterus incae Valenciennes, in Cuvier & Valenciennes, 1846: 496. Type locality: Rio Guatanai à Cuzco, Peru. Syntype: MNHN a-8986 (1).

Trichomycterus pentlandi Castelnau, 1855: 49, pl. 24 (fig. 1). Type locality: lac situé près de la mission de Sarayacu, qui communiqué avec la riviér d'Ucayale, Peru. Holotype: MNHN b-0608.

Trichomycterus pictus Castelnau, 1855: 50, pl. 24 (fig. 2). Type locality: grand lac de Titicaca. Syntypes: MNHN b-0609 (3).

Trichomycterus pardus Cope, 1874b: 132. Type locality: Upper Amazon. Possible holotype: ANSP 22004.

Trichomycterus poeyanus Cope, 1877: 47. Type locality: Arequipa, Peru. Syntypes: ANSP 21382-83 (2).

Pygidium oroyae Eigenmann & Eigenmann, 1889b: 51. Type locality: Pochachara, Oroya River [Brazil]. Syntypes (8): MCZ 3955 (8).

Trichomycterus eigenmanni Boulenger, 1898c: 8. Type locality: Cumbaca [Brazil]. Holotype: MCZ 8301.

Pygidium quechuorum Steindachner, 1900: 207. Type locality: Arequipa, Río Chile, Südperu. Syntypes (5): at NMW.

Pygidium tiraquae Fowler, 1940c: 92, fig. 52. Type locality: Tiraque, Cochabamba Department, Bolivia. Holotype: ANSP 69126.

Pygidium atochae Allen, in Eigenmann & Allen, 1942: 156, pl. 13 (figs. 3–5). Type locality: Rio de Atocha, Atocha, Bolivia. Holotype: CAS 64576.

Distribution: High-altitude lakes and streams in the central Andean range (including Lakes Titicaca and Poopó), from Lake Junin in the north to Chilean region of Tarapacá in the south, spanning Western Bolivia, Peru and Northern Chile (de Pinna & Wosiacki, 2003).

Trichomycterus roigi Arratia & Menu-Marque, 1984

Trichomycterus roigi Arratia & Menu-Marque, 1984: 494, figs. 1–10. Type locality: Río Pastos Chicos, Jujuy, north of Argentina; 23°24'S —66°35'W. Holotype: MLP 29-8-83-1.

Distribution: Pastos Chicos River basin, Argentina (de Pinna & Wosiacki, 2003).

Trichomycterus romeroi (Fowler, 1941)

Pygidium romeroi Fowler, 1941c: 4, figs. 6–8. Type locality: Honda, Colombia. Holotype: ANSP 69331.

Distribution: Honda River basin, Colombia (de Pinna & Wosiacki, 2003).

Trichomycterus santaeritae (Eigenmann, 1918)

Pygidium santae-ritae Eigenmann, 1918a: 341, pl. 52 (fig. 5). Type locality: Santa Rita, Rio Preto, Brazil. Holotype: FMNH 58577.

Distribution: Preto River, Paraíba do Sul River basin, Brazil (de Pinna & Wosiacki, 2003).

Trichomycterus spegazzinii (Berg, 1897)

Pygidium Spegazzinii Berg, 1897: 267. Type locality: Río de Cachi (Provincia de Salta), ..., á una altura de 2500 á 2800 metros sobre el nivel del mar, Argentina. Syntypes: BMNH 1898.9.23.1–2 (2), MACN 4925 (19), MACN 5173 (2), SMF 831 (1).

Distribution: Provinces of Salta and Catamarca in Argentina (de Pinna & Wosiacki, 2003).

Trichomycterus spelaeus Do Nascimento, Villarreal & Provenzano, 2001

Trichomycterus spelaeus Do Nascimento, Villarreal & Provenzano, 2001: 21, fig. 1. Type locality: Cueva Punto Fijo, en el caserío Punto Fijo a 7,5 km al N. del Cerro Yolanda. 590 m.s.n.m., cuenca del Río Guasare, Edo. Zulia, Venezuela (10°57'10"N 72°28'06"O). Holotype: MBUCV V-29602.

Distribution: Punto Fijo Cave, upper Guasare River basin, Venezuela (de Pinna & Wosiacki, 2003).

Trichomycterus spilosoma (Regan, 1913)

Pygidium spilosoma Regan, 1913d: 468. Type locality: Rio Sipi and Rio Tamana, Colombia. Syntypes (3, 130–250 mm TL): BMNH 1910.7.11.106–107 (2), BMNH 1910.7.11.108 (1, skeleton), BMNH 1910.7.11.15 (1).

Distribution: Sipi and Tamana River basins, Colombia (de Pinna & Wosiacki, 2003).

Trichomycterus stawiarski (Miranda Ribeiro, 1968)

Pygidium stawiarski Miranda Ribeiro, 1968: 1. Type locality: Pequeno córrego pertencente á bacia do Rio Paraná —

localidade de Bituruna —Est. do Paraná, Paraná, Brazil. Holotype: MNRJ 9739.

Distribution: Iguaçu River basin, Brazil (de Pinna & Wosiacki, 2003).

Trichomycterus stellatus (Eigenmann, 1918)

Pygidium stellatum Eigenmann, 1918a: 308, pl. 47 (fig. 1). Type locality: Quebrada Sarjento, Colombia. Holotype: FMNH 58101.

Distribution: Rivers of Andean eastern cordillera, Colombia (de Pinna & Wosiacki, 2003).

Trichomycterus straminus (Eigenmann, 1918)

Pygidium straminium Eigenmann, 1918c: 694. Type locality: Quebrada del Mango, Santander, Colombia. Holotype: FMNH 58105; holotype illustrated in Eigenmann (1918a: 313, pl. 49, fig. 1) as *Pygidium stramineum*.

Distribution: Andean streams of Cundinamarca and Santander, Colombia (Maldonado-Ocampo *et al.*, 2005).

Trichomycterus striatus (Meek & Hildebrand, 1913)

Pygidium striatum Meek & Hildebrand, 1913: 78. Type locality: Río Cana at Cana, Panama. Holotype: FMNH 7579.

Pygidium septentrionale Behre, 1928: 309, pl. 18. Type locality: small streams tributary to Rio Chiriqui del Tire above Caldera, Pacific slope of Panama, altitude about 4,000 feet ... Quebrada Salão, Panama, ca. elev. 4000 ft. Holotype: FMNH 59522.

Distribution: Rivers of Panama and Costa Rica (de Pinna & Wosiacki, 2003); Catatumbo, Magdalena, Cauca and Dagua rivers, Colombia (Maldonado-Ocampo *et al.*, 2005).

Trichomycterus taczanowskii Steindachner, 1882

Trichomycterus Taczanowskii Steindachner, 1882b: 177. Type locality: Rio Huambo, Rio de Tortora [Peru]. Syntype: NMW 43387 (1). Species illustrated and described in more detail in Steindachner (1882c: 22, pl. 4, figs. 1, 1a, 1b).

Distribution: Peru (de Pinna & Wosiacki, 2003).

Trichomycterus taenia Kner, 1863

Trichomycterus taenia Kner, 1863: 228, fig. 16. Type locality: Vom Westabhange der Andes im Staate Ecuador, Ecuador. Holotype: at NMW. Also appeared in Kner & Steindachner (1864: 52, pl. 6, fig. 1).

Distribution: Ecuadorian Andes (de Pinna & Wosiacki, 2003); Magdalena and Patia River basins, Colombia (Maldonado-Ocampo *et al.*, 2005).

Trichomycterus taeniops Fowler, 1954

Pygidium tenue Fowler, 1945c: 6, figs. 7–9. Type locality: Acobamba, near Tarma at 2000 meters elevation, Rio Ucayali basin, Peru. Holotype: ANSP 71638. Preoccupied in *Trichomycterus* by *Trichomycterus tenuis* Weyenbergh, 1877; replaced by *Trichomycterus taeniops* Fowler, 1954.

Trichomycterus taeniops Fowler, 1954: 36, fig. 635. Type locality: Acobamba, near Tarma, at 2000 meters elevation, Rio Ucayali basin, Peru, elev. 2000 m, Peru. Replacement for *Pygidium tenue* Fowler, 1945; preoccupied in *Trichomycterus* by *Trichomycterus tenuis* Weyenburgh, 1877.

Distribution: Ucayali River basin (elevation 2000 m), Peru (de Pinna & Wosiacki, 2003).

Trichomycterus taroba Wosiacki & Garavello, 2004

Trichomycterus taroba Wosiacki & Garavello, 2004: 10, fig. 6. Type locality: Brazil: State of Paraná: município de Foz do Jordão, Jordão reservoir, rio Jordão near at its mouth, tributary of rio Iguaçu (rio Paraná Basin), 25°45'S, 52°10'W. Holotype: MPEG 6689.

Distribution: Jordão River, Iguaçu River basin, Brazil (Wosiacki & Garavello, 2004).

Trichomycterus tenuis Weyenbergh, 1877

Trichomycterus tenuis Weyenbergh, 1877: 12, pl. 3 (figs. a–c). Type locality: una pequeña laguna, en la Sierra de Córdoba, cerca de la Villa Cruz-del-eje, Argentina. Syntypes: MSNG 8852 (2).

Distribution: Córdoba Sierra, Argentina (de Pinna & Wosiacki, 2003).

Trichomycterus transandianus (Steindachner, 1915)

Pygidium taenia transandianum Steindachner, 1915e: 100, pl. 12 (fig. 6). Type locality: Gebirgsbach im Cañon del Gallo, einem rechten Seitentale des Rio Combeima in der Zentral-Cordillere, Columbien, in einer Höhe von 1800 m. Syntypes (2): NMW 44475. Originally as *Pygidium taenia* Var. nova *transandianum*.

Distribution: Combeima River basin, central Andean cordillera, Colombia (de Pinna & Wosiacki, 2003).

Trichomycterus trefauti Wosiacki, 2004

Trichomycterus trefauti Wosiacki, 2004: 3, fig. 2. Type locality: riacho Andrequicé, tributary of rio Paraúna, itself a tributary of rio das Velhas (rio São Francisco basin), approximately 18°30'S, 43°30'W, Município de Trinta Réis, Minas Gerais, Brazil. Holotype: MZUSP 79911.

Distribution: Upper São Francisco River basin, Brazil (Wosiacki, 2004).

Trichomycterus triguttatus (Eigenmann, 1918)

Pygidium triguttatum Eigenmann, 1918a: 339, pl. 52 (fig. 4). Type locality: Jacarehy, São Paulo, Brazil. Holotype: FMNH 58670.

Distribution: São Paulo State, Brazil (de Pinna & Wosiacki, 2003).

Trichomycterus tupinamba Wosiacki & Oyakawa, 2005

Trichomycterus tupinamba Wosiacki & Oyakawa, 2005: 466, figs. 2–4. Type locality: Brazil, São Paulo: rio Betari, tributary of rio Ribeira de Iguape, in front of the camping area of Núcleo Santana, Parque Estadual Turístico do Alto Ribeira. Holotype: MZUSP 62382.

Distribution: Betari and Iporanga rivers, Ribeira de Iguape River basin, Brazil (Wosiacki & Oyakawa, 2005).

Trichomycterus unicolor (Regan, 1913)

Pygidium unicolor Regan, 1913d: 468. Type locality: Condoto, Colombia. Syntypes: BMNH 1913.10.1.42–43 (2).

Distribution: San Juan River basin, Colombia (de Pinna & Wosiacki, 2003).

Trichomycterus variegatus Costa, 1992

Trichomycterus variegatus Costa, 1992: 103, fig. 3. Type locality: Estado de Minas Gerais: ville de São Roque de Minas, rio do Peixe, affluent du haut rio Sao Francisco [Brazil]. Holotype: MZUSP 42316.

Distribution: Upper São Francisco River basin, Brazil (de Pinna & Wosiacki, 2003).

Trichomycterus venulosus (Steindachner, 1915)

Pygidium venulosum Steindachner, 1915a: 199. Type locality: Paramo de Cruz verde, östliche Cordillere, Columbien, in 3000 m. Syntypes: NMW 44476 (2). Species illustrated and described in more detail in Steindachner (1915e: 85, pl. 121, figs. 3–4).

Distribution: Streams of eastern Andean cordillera, Colombia (Maldonado-Ocampo *et al.*, 2005).

Trichomycterus vermiculatus (Eigenmann, 1918)

Pygidium vermiculatum Eigenmann, 1918c: 699. Type locality: Juiz de Fora, Rio Parahyba, Brazil. Holotype: FMNH 58077; holotype illustrated in Eigenmann (1918a: 335, pl. 52, fig. 2).

Distribution: Paraíba do Sul River, State of Minas Gerais, Brazil (de Pinna & Wosiacki, 2003).

Trichomycterus vittatus Regan, 1903

Trichomycterus vittatus Regan, 1903b: 623. Type locality: Marcapata Valley, E. Peru. Holotype: BMNH 1902.5.29.210.

Distribution: Eastern Peru (de Pinna & Wosiacki, 2003).

Trichomycterus weyrauchi (Fowler, 1945)

Pygidium weyrauchi Fowler, 1945c: 7, figs. 10–12. Type locality: Acobamba, near Tarma, at 2200 meters elevation, Rio Ucayali drainage, Peru. Holotype: ANSP 71639.

Distribution: Ucayali River basin (elev. 2900 m), Peru (de Pinna & Wosiacki, 2003).

Trichomycterus yuska Fernández & Schaefer, 2003

Trichomycterus yuska Fernández & Schaefer, 2003: 355, figs. 1–2. Type locality: Argentina: Provincia de Catamarca, Departamento Tinogasta, Arroyo Aguas Calientes, 4050 m elevation. Holotype: FML 2535.

Distribution: Known only from the type locality, a high elevation stream in western Argentina (Fernández & Schaefer, 2003).

Trichomycterus zonatus (Eigenmann, 1918)

Pygidium zonatum Eigenmann, 1918a: 330, pl. 51 (fig. 1). Type locality: Agua Quente, São Paulo, Brazil. Holotype: FMNH 58573.

Trichomycterus cubataonis Bizerril, 1994: 618, figs. 1–3. Type locality: Rio Cubatão, Joinville, Estado de Santa Catarina [Brazil]. Holotype: MNRJ 12490.

Distribution: Coastal rivers from Santa Catarina to São Paulo States, Brazil (de Pinna & Wosiacki, 2003).

TRIDENS Eigenmann & Eigenmann, 1889

Tridens Eigenmann & Eigenmann, 1889b: 53. Type species: *Tridens melanops* Eigenmann & Eigenmann, 1889. Type by original designation. Gender: Masculine.

Tridens melanops Eigenmann & Eigenmann, 1889

Tridens melanops Eigenmann & Eigenmann, 1889b: 53. Type locality: Iça [Brazil]. Syntypes (27): CAS 64598 (1), BMNH 1889.11.14.73 (1), MCZ 8137 (1), MCZ 1566385 (6), MCZ 156639 (2, c&s), MZUSP uncat [ex. MCZ 156638] (1), USNM 41522 (1), USNM 120296 (3).

Distribution: Amazon River basin, Brazil (de Pinna & Wosiacki, 2003).

TRIDENSIMILIS Schultz, 1944

Tridensimilis Schultz, 1944c: 266. Type species: *Tridensimilis venezuelae* Schultz, 1944. Type by original designation. Gender: Masculine.

Tridensimilis brevis (Eigenmann & Eigenmann, 1889)

Tridens brevis Eigenmann & Eigenmann, 1889b: 54. Type locality: Tabatinga [Brazil]. Holotype: MCZ 8160.

Distribution: Amazon River basin, Brazil (de Pinna & Wosiacki, 2003).

Tridensimilis venezuelae Schultz, 1944

Tridensimilis venezuelae Schultz, 1944c: 267, pl. 6 (fig. c). Type locality: Río Negro, below the mouth of the Río Yasa, Maracaibo basin, Venezuela. Holotype: USNM 121290.

Distribution: Orinoco River basin, Venezuela (de Pinna & Wosiacki, 2003).

TRIDENTOPSIS Myers, 1925

Tridentopsis Myers, 1925b: 84. Type species: *Tridentopsis pearsoni* Myers, 1925. Type by original designation. Gender: Feminine.

Tridentopsis cahuali Azpelicueta, 1990

Tridentopsis cahuali Azpelicueta, 1990: 982, figs. 1–4. Type locality: Estancia El Bagual, Formosa Province, Argentina, 26°10'53"S, 58°56'39"W. Holotype: MLP 5-IX-89-1.

Distribution: Paraguay River basin, Argentina (de Pinna & Wosiacki, 2003).

Tridentopsis pearsoni Myers, 1925

Tridentopsis pearsoni Myers, 1925b: 84. Type locality: Lagoons at Lake Rogoagua, Bolivia. Holotype: CAS 28258. Distribution: Upper Amazon River basin, Bolivia (de Pinna & Wosiacki, 2003).

Tridentopsis tocantinsi La Monte, 1939

Tridentopsis tocantinsi La Monte, 1939: 1. Type locality: Rio Tocantins, northeastern Brazil. Holotype: AMNH 13967.

Distribution: Tocantins River basin, Brazil (de Pinna & Wosiacki, 2003).

TYPHLOBELUS Myers, 1944

Typhlobelus Myers, 1944: 593. Type species: *Typhlobelus ternetzi* Myers, 1944. Type by original designation. Gender: Masculine.

Key: Schaefer *et al.* (2005).

Typhlobelus guacamaya Schaefer, Provenzano, de Pinna & Baskin, 2005

Typhlobelus guacamaya Schaefer, Provenzano, de Pinna & Baskin, 2005: 14, figs. 7, 8. Type locality: Venezuela, Estado Amazonas, Río Cuao at Raudal Guacamaya, 8.1 miles upstream from Raudal El Danto, 05°07.71'N, 67°31.53'W. Holotype: MBUCV V-30936.

Distribution: Cuao River, Orinoco River basin, Venezuela (Schaefer *et al.*, 2005).

Typhlobelus lundbergi Schaefer, Provenzano, de Pinna & Baskin, 2005

Typhlobelus lundbergi Schaefer, Provenzano, de Pinna & Baskin, 2005: 10, figs. 5, 6. Type locality: Venezuela, Estado Delta Amacuro, Río Orinoco at Los Castillos, upstream of east end of Caño Limon, 8°31.2'N, 62°35.1'W. Holotype: MBUCV V-31040.

Distribution: Lower Orinoco River, between Ciudad Bolivar and Los Castillos, Venezuela (Schaefer *et al.*, 2005).

Typhlobelus macromycterus Costa & Bockmann, 1994

Typhlobelus macromycterus Costa & Bockmann, 1994b: 68, figs. 1–3. Type locality: Brazil: Estado do Pará, Rio Tocantins near Tucuruí. Holotype: MNRJ 12129.

Distribution: Tocantins River near Tucuruí, Pará State, Brazil (de Pinna & Wosiacki, 2003).

***Typhlobelus ternetzi* Myers, 1944**

Typhlobelus ternetzi Myers, 1944: 593, pl. 52 (fig. 2), pl. 53 (figs. 6–8). Type locality: Rock pools below São Gabriel Rapids, Rio Negro, Brazil. Holotype: CAS 11118.

Distribution: Upper Negro River basin, Brazil (de Pinna & Wosiacki, 2003).

VANDELLIA Valenciennes, 1846

Vandellia Valenciennes, in Cuvier & Valenciennes, 1846: 386. Type species: *Vandellia cirrhosa* Valenciennes, 1846. Type by monotypy. Gender: Feminine.

Urinophilus Eigenmann, 1918a: 358. Type species: *Vandellia sanguinea* Eigenmann, 1918. Type by subsequent designation by Eigenmann (1920d: 441). Gender: Masculine. Originally proposed without any included species; species first assigned, and a type species designated, in Eigenmann (1920d).

***Vandellia beccarii* Di Caporiacco, 1935**

Vandellia beccarii Di Caporiacco, 1935: 59. Type locality: Rockstone, in flumine Essequibo dicto, in Guiana Britannica. Holotype: MZUF 5506.

Distribution: Orinoco River basin and rivers of Guyana (de Pinna & Wosiacki, 2003).

Remarks: Redescribed in Schmidt (1987).

***Vandellia cirrhosa* Valenciennes, 1846**

Vandellia cirrhosa Valenciennes, in Cuvier & Valenciennes, 1846: 386, pl. 547. Type locality: [Probably from America]. Syntypes (2): MNHN a-6308.

Vandellia gigantea Cornalia, 1849: 15, figs. 4–5. Type locality: [Fl. Amazonum et Napo]. Type(s): lost (Cagnolaro & Violani, 1988).

Vandellia plazaii Castelnau, 1855: 51, pl. 28 (fig. 1). Type locality: rio Ucayale (Pérou). Holotype: MNHN a-6309.

Vandellia Balzanii Perugia, 1897: 23. Type locality: Rio Beni, Missioni Mosetenes, Bolivia. Holotype: MSNG 8848.

Urinophilus erythrurus Eigenmann, 1922b: 114, pls. 3 (figs. 5–7), 4 (10–16). Type locality: Río Morona, Peru. Holotype: CAS 64599.

Distribution: Amazon River basin (de Pinna & Wosiacki, 2003).

Remarks: *Vandellia gigantea* Cornalia, 1849, was treated as a *nomen oblitum* by Cagnolaro & Violani (1988), but considered to be available, albeit a junior synonym, in de Pinna & Wosiacki (2003).

***Vandellia sanguinea* Eigenmann, 1918**

Vandellia sanguinea Eigenmann, 1918c: 701. Type locality: San Antonio de Rio Madeira. Holotype: FMNH 58086; holotype illustrated in Eigenmann (1918a: 365, pl. 53, fig. 2).

Distribution: Amazon, Orinoco and Essequibo River basins (de Pinna & Wosiacki, 2003).

Genus *inquirendum*, Trichomycteridae

Pygidium Meyen, 1835, in Meyen, 1834–35: 475. Type species: *Pygidium fuscum* Meyen, 1835. Type by monotypy. Gender: Neuter. Familial assignment of this genus is uncertain (cf. Tchernavin, 1944).

Remarks: The family group name Pygidiidae was proposed in Eigenmann & Eigenmann (1888a: 649) on *Pygidium* Meyen, 1835.

Species *inquirenda*, Trichomycteridae

Pygidium fuscum Meyen, 1835, in Meyen, 1834–35: 369. Type locality: Peru. Holotype: Whereabouts unknown. Familial assignment of this species is uncertain (see Tchernavin, 1944).

UNPLACED NAMES

SILURIFORMES *Incertae sedis*

† **BACHMANNIA** Dolgopol de Saez, 1945

† *Bachmannia* Dolgopol de Saez, 1945: 453. Type species: † *Bachmannia chabutensis* Dolgopol de Saez, 1945. Type by Monotypy. Gender: Feminine.

† ***Bachmannia chabutensis*** Dolgopol de Saez, 1945

† *Bachmannia chabutensis* Dolgopol de Saez, 1945: 453, figure on p. 453. Type locality: de la laguna del Hunco y del Mirador de Chubut [Argentina]; Tertiary. Holotype: MLP 40-V-17-1a (impression).

† *Arius argentinus* Dolgopol de Saez, 1945: 455, figure on p. 455. Type locality: La Laguna del Huncho y del Niradorde, Chabut, Argentina; Tertiary. Holotype: MLP 40-V-17-3 (impression of cranium and partial vertebral column).

Distribution: Miocene of Argentina (Gayet & Meunier, 2003).

Remarks: Synonymy from Gayet & Meunier (2003), which appears to be based on Arratia & Cione (1996).

CONORHYNCHOS Bleeker, 1858

Conostome Duméril, 1856: 484. Type species: *Pimelodus conirostris* Cuvier, 1836. Type by original designation. Gender: Feminine. Possibly preoccupied by *Conostoma* Hodgson, 1842, in birds and not treated as valid in recent times. Considered a *nomen oblitum*.

Conorhynchos Bleeker, 1858: 191, 205, 209. Type species: *Pimelodus conirostris* Cuvier, 1836. Type by monotypy. Gender: Neuter. New name for *Conostome* Duméril, which is apparently preoccupied by *Conostoma* Hodgson, 1842, in birds. Name often misspelled *Conorhynchus* following the spelling in Bleeker (1862-63).

Conorhynchus Bleeker, 1863 (in Bleeker, 1862-63): 12. Type species: *Pimelodus conirostris* Cuvier, 1836. Type by original designation. New spelling for *Conorhynchos*. Preoccupied by *Conorhynchus* Motschousky, 1860, in Coleoptera.

Conorhynchichthys Regan, 1908, in Regan, 1906-08: 192. Type species: *Pimelodus conirostris* Cuvier, 1836. Type by being a replacement name. Gender: Masculine. Replacement for *Conorhynchus* Bleeker, 1863 [= *Conorhynchos* Bleeker, 1858], preoccupied by *Conorhynchus* Motschousky, 1860.

Remarks: Initially included in the Pimelodidae, but that placement questioned in Reis *et al.* (2003).

Conorhynchus conirostris (Cuvier, 1836)

Pimelodus conirostris Cuvier, 1836: 541, footnote 12. Type locality: rivière de Saint-François. Holotype: MNHN a-9413. Described and illustrated in Cuvier & Valenciennes (1840b: 204 (156 in Strasbourg deluxe edition), pl. 436).

Conorhynchus glaber Steindachner, 1877b: 637, pl. 8. Type locality: einem flusse bei Porto Seguro [apparently in error]. Holotype: at NMW.

Distribution: São Francisco River basin, Brazil.

† **EOPEYERIA** Whitley, 1947

† *Ariopsis* Peyer, 1928: 43. Type species: † *Ariopsis aegyptiacus* Peyer, 1928. Type by monotypy. Gender: Feminine. Preoccupied by *Ariopsis* Gill, 1861, in Recent fishes. Replaced by † *Peyeria* Whitley, 1940.

† *Peyeria* Whitley, 1940a: 242. Type species: † *Ariopsis aegyptiacus* Peyer, 1928. Type by being a replacement name. Gender: Feminine. Replacement for † *Ariopsis* Peyer, 1928, preoccupied by *Ariopsis* Gill, 1861, in Recent fishes. But, † *Peyeria* Whitley preoccupied by † *Peyeria* Weiler, 1935, in fossil Chondrichthyes.

† *Eopeyeria* Whitley, 1947: 150. Type species: † *Ariopsis aegyptiacus* Peyer, 1928. Type by being a replacement name. Gender: Feminine. Replacement for † *Peyeria* Whitley, 1940, preoccupied by † *Peyeria* Weiler, 1935, in fossil Chondrichthyes.

† ***Eopeyeria aegyptiaca*** (Peyer, 1928)

† *Ariopsis aegyptiacus* Peyer, 1928: 43, pl. 5, pl. 6 (fig. 1). Type locality: Qasr-es-Sagha-Stufe, Norden des Fajum. Ägyptens; Eocene. Holotype: at Bayerische Staatssammlung, München.

Distribution: Fajum, Egypt; Eocene.

† **FAJUMIA** Stromer, 1904

† *Fajumia* Stromer, 1904: 3. Type species: † *Fajumia schweinfurthi* Stromer, 1904. Type by monotypy. Gender:

Feminine.

Remarks: Placed by Jordan (1923) into the Bagridae, but placed in the Ariidae by Peyer (1928). Gayet & Meunier (2003) place this genus as Siluriformes *incertae sedis*, possibly belonging within the Arioida.

† ***Fajumia menoni*** Sahni & Mishra, 1975

† *Fajumia menoni* Sahni & Mishra, 1975: 7, pl. 1 (figs. 3 a–c). Type locality: Bluish-grey stage (Middle Eocene) at Gabhatad, Western India; Middle-Eocene. Holotype: LUVF 11140 (cranium).

Distribution: Western India, middle Eocene (Sahni & Mishra, 1975).

Remarks: Placed in the Bagridae by Sahni & Mishra (1975), following placement of genus in that family by Jordan (1923).

† ***Fajumia misrai*** Sahni & Mishra, 1975

† *Fajumia misrai* Sahni & Mishra, 1975: 8, pl. 1 (figs. 4–5). Type locality: Bluish-grey shales of Babia Stage (Middle Eocene) at Nareda, Western India. Holotype: LUVF 11142 (cranium).

Distribution: Western India; middle Eocene (Sahni & Mishra, 1975).

Remarks: Placed in the Bagridae by Sahni & Mishra (1975), following placement of genus in that family by Jordan (1923).

† ***Fajumia schweinfurthi*** Stromer, 1904

† *Fajumia Schweinfurthi* Stromer, 1904: 3, pl. 1 (figs. 1–2). Type locality: Mitteleocän am Nordrande des Fajûm, Aegypten. Holotype: in Munich (? at Bayerische Staatssammlung, München) (nearly complete cranium).

Distribution: Fajum, Egypt; middle Eocene.

† ***Fajumia stromeri*** Peyer, 1928

† *Fajumia Stromeri* Peyer, 1928: 33, fig. 3, pl. 4 (fig. 1). Type locality: Qasr-es-Sagha-Stufe, Norden des Fajum. Ägyptens; Eocene. Holotype: at Bayerische Staatssammlung, München.

Distribution: Fajum, Egypt; middle Eocene.

HORABAGRUS Jayaram, 1955

Horabagrus Jayaram, 1955b: 261. Type species: *Pseudobagrus brachysoma* Günther, 1864. Type by original designation. Gender: Masculine.

Remarks: *Horabagrus* was initially placed in the Bagridae and has subsequently been suggested to be more closely related to species of the Schilbidae (K. C. Jayaram, pers. comm.) or as a separate family that also includes some species currently placed in the Schilbidae (de Pinna, 1998a, Hardmann, 2005).

Horabagrus brachysoma (Günther, 1864)

Pseudobagrus brachysoma Günther, 1864: 86. Type locality: Cochinchina. Holotype: BMNH 1862.9.18.5 (skin).

Pseudobagrus chryseus Day, 1865b: 290. Type locality: Kurriavanoor River, Kurriapudnam or Cochin, India. Holotype: Possibly AMS B.7922 (1), BMNH 1865.7.17.5-6 (2), MCZ 4280 (1), NMW 44177 (1), RMNH 6870 (1), ZMB 9575 (1), ZSI 475 (1, lost). Also described and illustrated in Day (1865a: 185, pl. 13, fig. 2).

Distribution: Vernbanad Lake and estuaries of Kerala and southwestern Karnataka, India (Pethiyagoda & Kottelat, 1994).

Remarks: See Jayaram (1952) for taxonomic comments.

Horabagrus nigricollaris Pethiyagoda & Kottelat, 1994

Horabagrus nigricollaris Pethiyagoda & Kottelat, 1994: 110, fig. 13. Type locality: India: Kerala: Chalakudy River, 26 km upstream of Chalakudy town, near Vettilappara. Holotype: AMS I.34198-001.

Distribution: Chalakudy River, Kerala, India (Pethiyagoda & Kottelat, 1994).

PHREATOBIUS Goeldi, 1905

Phreatobius Goeldi, 1905: 549. Type species: *Phreatobius cisternarum* Goeldi, 1905. Type by monotypy. Gender: Masculine.

Remarks: Originally treated as a genus of the Trichomycteridae, in recent years this genus has been placed within the Heptapteridae (e. g., Bockmann & Guazzelli, 2003), following Buckup (1988) and the unpublished study by Bockmann (1998). However, Muriel-Cunha & de Pinna (2005) suggests that the placement of this genus and its single named species is unsettled. The family-group name Phreatobinae was proposed for this genus by Reichel

(1927: 383).

***Phreatobius cisternarum* Goeldi, 1905**

Phreatobius cisternarum Goeldi, 1905: 549. Type locality: Wasser einer Binnenlandzisterne tief im Innern der Mündung des Amazonenstromes vorgelagertern Rieseninsel Marajó [Brazil]. Syntypes (2): MHNG 2623.30 (1), plus one of the following: FMNH 58580 (1), MHNG 1213.97 (1), or MHNG 1505.91 (2 entire specimens plus one sectioned and mounted on microscopic preparations).

Distribution: Marajó island, mouth of the Amazon River, Brazil, in cisterns (Bockmann & Guazzelli, 2003).

Remarks: See Reichel (1927), Carvalho (1967) and Muriel-Cunha & de Pinna (2005) for further information on this enigmatic species.

† ***PLIOSILURUS* Weiler, 1956.**

† *Pliosilurus* Weiler, 1956: 180. Type species: † *Pliosilurus primus* Weiler, 1956. Type by monotypy. Gender: Masculine.

Remarks: Listed as † *Pliosilurus primus* gen. & sp. nov., which, if published before 1931, would have made the type designation by original designation, but not after 1930.

† ***Pliosilurus primus* Weiler, 1956**

† *Pliosilurus primus* Weiler, 1956: 180, figs. 1–2; pl. 11. Type locality: Willershausen bek Göttingen [Pliocene, Germany]. Holotype: Geologischen Instituts der Universität Göttingen 4836 (head, pectoral girdle, portion of vertebral column and anal fin).

Distribution: Germany; Pliocene.

† ***RHINEASTES* Cope, 1872**

† *Rhineastes* Cope, 1872b: 486. Type species: † *Rhineastes peltatus* Cope, 1872. Type by original designation. Gender: Masculine.

Remarks: † *Rhineastes* has generally been placed in the Ariidae, but Lundberg (1992: 396) considered that placement in error and, instead, treated the genus as *Incertae sedis* in the Siluriformes, which is followed here.

† ***Rhineastes peltatus* Cope, 1872**

† *Rhineastes peltatus* Cope, 1872b: 486. Type locality: Bridger Formation, South Bitter Creek, Wyoming. Holotype USNM 3984 (supraoccipital bone and dorsal spine); holotype illustrated in Cope (1884b: 63, pl. 5, figs. 1–2).

Distribution: Bridger Formation, Wyoming; known only from type locality (Lundberg, 1975).

† ***Rhineastes smithii* Cope, 1872**

† *Rhineastes smithii* Cope, 1872b: 486. Type locality: Bridger Formation, South Bitter Creek, Wyoming. Holotype: USMN 3978 (pectoral spine); holotype illustrated in Cope (1884b: 64, pl. 5, figs. 5–11).

Distribution: Bridger Formation, Wyoming (Lundberg, 1975).

Remarks: Inclusion in † *Rhineastes* considered tentative by Lundberg (1975).

Species inquirenda*, † *Rhineastes

† *Rhineastes radulus* Cope, 1873: 639. Type locality: Bridger Formation at Cottonwood Creek, Wyoming; Eocene. Holotype: USNM 4099 (fragments); holotype illustrated in Cope (1884b: 67, pl. 5, figs. 14–17). Identity uncertain (Lundberg, 1975).

† ***SOCNOPAEA* Stromer, 1904**

† *Socnopaea* Stromer, 1904: 6. Type species: † *Socnopaea grandis* Stromer, 1904. Type by monotypy. Gender: Feminine.

Remarks: Jordan (1923) placed this genus and † *Fajumia* into the Bagridae, but Peyer (1928) placed both genera in the Ariidae.

† ***Socnopaea grandis* Stromer, 1904**

† *Socnopaea grandis* Stromer, 1904: 6, pl. 1 (fig. 3). Type locality: Mitteleocän am Nordrande des Fajûm, Aegypten. Holotype: in Munich (partial cranium).

Distribution: Fajum, Egypt; middle Eocene.

† *Socnopaea horai* Sahni & Mishra, 1975

† *Socnopaea horai* Sahni & Mishra, 1975: 10, pl. 2 (fig. 1). Type locality: Ossiferous gypseous shales of Babia stage (Middle Eocene) at Harudi, Western India. Holotype: LUVF 11145 (cranium).

Genera inquirendae, Siluriformes

Tachysurus La Cèpède, 1803: 150. Type species: *Tachysurus sinensis* La Cèpède, 1803. Type by monotypy. Gender: Masculine. The type species is considered to be an unrecognizable siluriform by Wheeler & Baddockwaya (1981) and Taylor (1986a).

Laimumena Sauvage, 1884a: 147. Type species: *Laimumena barbonica* Sauvage, 1884. Type by monotypy. Gender: Feminine. Description of type species is not recognizable to genus or even family.

Trachymochlus Hoedeman, 1961: 137. Type species: *Trachymochlus cupido* Hoedeman, 1961. Type by monotypy. Gender: Masculine.

Species inquirendae, Siluriformes

Silurus undecimalis Linnaeus, 1758: 305. Type locality: Not stated. Type(s): originally part of collection at Museum Adolphi Friderici but whereabouts unknown, apparently not at NRM. Type locality stated as “Surinami” in Linnaeus (1764: 97).

Silurus luvur Molina, 1782: 346. Type locality: Chile. No types known.

Silurus schilby Sonnini, 1799: 256, pl. 23 (fig. 1). Type locality: Nil. On p. 295 there is note about *Silurus schilbe niloticus* of Hasselquist that suggests that this may not be intended to be the proposal of a new name.

Silurus gurgu Bloch & Schneider, 1801: 388. Type locality: in Nilo. No types known, based on literature account. Proposed conditionally.

Silurus minutus Schneider, in Bloch & Schneider, 1801: 389. Type locality: India. No types known, based on unpublished literature source. Proposed conditionally.

Tachysurus sinensis La Cèpède, 1803: 150, 151, pl. 5 (fig. 2). Type locality: China. No types known; based on a Chinese painting; illustration in La Cèpède reproduced in Wheeler & Baddockwaya (1981). Treated in many Chinese works as valid in *Arius*, but Wheeler & Baddockwaya (1981) and Taylor (1986a) indicate that it is an unrecognizable siluriform from the description and/or illustration.

Silurus ichneumon Hermann, 1804: 309. Type locality: Cairo. No types known.

Pimelodes fossor Lichtenstein, 1823: 112. Type locality: Cape of Good Hope, South Africa. Type(s): at ZMB.

Pimelodus octocirrhus Cuvier, 1829: 294. Type locality: not stated. Available from footnote as, “*Pim. octocirrhus*, N., Seb., III, xxix, 1” [= Seba (1734–65: pl. 29, fig. 1)].

Pimelodus javus Valenciennes, in Cuvier & Valenciennes, 1840b: 187 (139 in Strasbourg deluxe edition). Type locality: Java. Holotype (4 ½ pouces): at MNHN. Status uncertain (Roberts, 1993: 47).

Pimelodus tachisurus Valenciennes, in Cuvier & Valenciennes, 1840b: 163 (121 of Strasbourg deluxe edition). Type locality: China. No types known; based on a Chinese painting. Unneeded new name for *Tachisurus chinensis* [sic, for *sinensis*] La Cèpède.

Pimelodus Cantonensis Valenciennes, in Cuvier & Valenciennes, 1840b: 142 (106 of Strasbourg deluxe edition). Type locality: Canton [China]. No types known. Based solely on an illustration.

Bagrus chinta Valenciennes, in Cuvier & Valenciennes, 1840a: 445 (330 of Strasbourg deluxe edition). Type locality: [Vizagapatam]. No types known, based on account and illustration in Russell (1803: pl. 167).

Pimelodus pusillus Ranzani, 1842: 332, pl. 27. Type locality: Unknown [apparently Brazil, based on other species in publication]. Holotype: MZUB 933. Name appeared first in Ranzani (1841: 64) as a *nomen nudum*.

† *Pimelodus Sadleri* Heckel, 1849: 19. Type locality: Bihar Comitatus, Hungary; Miocene. Holotype ? (fin ray fragments). Illustrated and described in more detail in Heckel (1850: 213, pl. 16, fig. 3).

Silurus ferox Gronow, in Gray, 1854: 135. Type locality: not stated. No types known.

Rhamdia javanica Bleeker, 1858b: 139. Type locality: Java. Holotype: at MNHN. Unjustified emendation of *Pimelodus javus* Valenciennes, 1840.

- Laimumena barbonica* Sauvage, 1884a: 147. Type locality: Réunion. No types known. Not found in catalogs of MNHN (pers. obs.) and not seen on shelves.
- † *Silurus Serdicensis* Toula, 1889: 108, pl. 9. Type locality: im Westen von Sofia. Upper Tertiary. Syntypes: (fragmentary remains).
- † *Silurus gaudryi* Leriche, 1900: 181, pl. 1, figs. 7–12. Type locality: Cuis, Monthelon [Marne, Lower Eocene]. Types: at laboratoire de Géologie de l'Université de Lille (dorsal fin spines, pectoral fin spine). Originally *Silurus (?) gaudryi*. Remarks: As *Pimelodus gaudryi* in Leriche (1901:165).
- † *Silurus pliocaenicus* Leidenfrost, 1925, 121, text fig. 2 and pl. 6. Type locality: pannonisch-pontischen Tonen von Rákos bei Budapest [Hungary, Pliocene]. Holotype: at Samml. der Kön. ung. Geologischen Anstalt, Budapest, partial neurocranium. Remarks: Possibly a bagrid (S. L.), or a silurid (Gayet & Meunier, 2003: 503).
- † *Silurus stenocephalus* Leidenfrost, 1925, 122, pl. 7. Type locality: Pannonisch-pontischen Tonen von Rákos bei Budapest [Hungary, Pliocene]. Holotype: at Samml. der Kön. ung. Geologischen Anstalt, Budapest, partial neurocranium.
- † *Rhineastes grangeri* Hussakof, 1932: 17, fig. 26. Type locality: Tung Gur beds, 50 miles southeast of Iren Dabasu, Inner Mongolia; Pliocene. Holotype: at AMNH (right pectoral fin spine). Distribution: Known only from the type locality, in central Asia.
- Trachymochlus cupido* Hoedeman, 1961: 137, fig. 4. Type locality: Nickerie, entrance of Cupido creek into Maratakka River, Suriname. Holotype: ZMA 102236.
- † *Schmidelia graciliformis* Berry. [no other information; from Dolgopol de Saez (1945)].
- † *Clarias pliocaenicus* Sauvage (in Depéret, 1885). [no other information; from Gayet & Meunier (2003)]
- † *Ariopsis peyeria* Eocene, North Africa [no additional information, From Romer. Probably a mistake for *Ariopsis* Peyer]

Names wrongly treated as Siluriformes

- † *Arius lemoinei* of Eocene of France [No additional information]
Remarks: Considered an acipenserid by Gayet & Meunier (2003).
- † *BRACHYSPONDYLUS* Marck, in Marck & Schlüter, 1868: 283. Type species: † *Brachyspondylus cretaceus* Marck, 1868. Type by monotypy. Gender: Masculine.
Remarks: Listed by Jordan (1923: 643) as a cyprinid with † *Brachyspondylus saropterix* Marck, 1876, as orthotype. *Brachyspondylus saropterix* has been considered to be a siluriform taxon, most recently by Gayet & Meunier (2003), but † *Brachyspondylus* is actually available from Marck & Schlüter (1868: 283), with † *Brachyspondylus cretaceus* (283, pl. 43, fig. 2) as type by monotypy. This species is a scaly fish, probably a cyprinid, so that † *Brachyspondylus* is not a catfish name. See Sanders (1934: 30) for discussion of the taxonomic history of this name.
- † *BUCKLANDIUM* König, 1825
† *Bucklandium* König, 1825: 4. Type species: † *Bucklandium diluvii* König, 1825. Type by monotypy. Gender: Neuter.
- † *Glyptocephalus* Agassiz, 1843 (in Agassiz, 1833–43): 264. Type species: † *Glyptocephalus radiatus* Agassiz, 1843. Type by monotypy. Gender: Masculine. Preoccupied by *Glyptocephalus* Gottsche, 1834, in Recent fishes (Pleuronectidae).
- † *Glyptocara* Gill, 1888: 926. Replacement for † *Glyptocephalus* Agassiz, 1844, preoccupied by *Glyptocephalus* Gottsche, 1834.
Remarks: The name *Ephippus Owenii* appears in Agassiz (1843 (in Agassiz, 1833–43): 264) in the account of the newly proposed name *Glyptocephalus radiatus*. It is not treated as a valid name and is therefore not available from this usage. Gayet & Meunier (2003) place † *Bucklandium* as Siluriformes *incertae sedis*, possibly belonging within the Arioida, which appears to follow Woodward (1889b: 208), in which the name is treated as a siluriform fish near to *Auchenoglanis*. However, the illustration provided by Woodward is apparently not that of a

siluriform fish and after close examination of the type specimen, Ralf Britz (pers. commun.) concluded that the bones are definitely not those of a catfish.

† *Bucklandium diluvii* König, 1825

† *Bucklandium diluvii* König, 1825: 4, pl. 8, no. 91. Type locality: Isle of Sheppey, Lower Eocene, London Clay. Holotype: BMNH P.9230 (cranium and pectoral arch). Redescribed and illustrated in Woodward (1889b: 208, pl. 22).

† *Glyptocephalus radiatus* Agassiz, 1843 (in Agassiz, 1833–43): 264. Type locality: [Argiles de Londres] Sheppy. Holotype: BMNH P.9230 (cranium and pectoral arch).

Distribution: London Clay, Lower Eocene.

Remarks: † *Glyptocephalus radiatus* Agassiz, 1843, is an unneeded new name for † *Bucklandium diluvii* König, 1825, which Agassiz apparently did not associate with the examined specimen.

† *PROPYGIDIUM* Bocchino, 1964: 186. Type species: † *Propygidium primaevus* Bocchino, 1964. Type by original designation. Gender: Neuter.

Remarks: Although originally described as a member of the siluriform family Trichomycteridae, the material was reexamined and interpreted as a member of the Perciformes by Cione & Torno (1988).

† *Propygidium primaevus* Bocchino, 1964: 186, fig. on p. 189. Type locality: Serie Andesítica Lask Bayas, to the west of Rio Negro Province, Argentina; Eocene/Oligocene. [Corrected to: Cerro David, 0.5 km from the road from San Carlos de Bariloche to Chenqueniyeu, to the west of the Province of Rio Negro, from the middle levels of the Ñirihuau Formation (Upper Oligocene-Lower Miocene), by Cione & Torno (1988)]. Holotype: División de Paleontología Vertebrados del Museo de La Plata 21-871, partial skeletal impression.

† *TREWAVASIA* White & Moy Thomas, 1941

† *Xenopholis* Davis, 1887: 548. Type species: † *Xenopholis carinatus* Davis, 1887, by monotypy. Gender: Feminine. Preoccupied by *Xenopholis* Peters, 1869, in Reptiles; replaced by † *Trewavasia* White & Moy Thomas, 1941, and † *Xenopholoides* Fowler, 1958.

† *Trewavasia* White & Moy Thomas, 1941: 400. Type species: † *Xenopholis carinatus* Davis, 1887. Gender: Feminine. Type by being a replacement name. Replacement for † *Xenopholis* Davis, 1887; preoccupied by *Xenopholis* Peters, 1869, in Reptiles. Gender: Feminine.

† *Xenopholoides* Fowler, 1958: 13. Type species: † *Xenopholis carinatus* Davis, 1887. Gender: Feminine. Type by being a replacement name. Replacement for † *Xenopholis* Davis, 1887; preoccupied by *Xenopholis* Peters, 1869, in Reptiles.

Remarks: Described by Davis (1887) as probably showing a “closer connection with siluroids than with any other group” but clearly not a siluriform fish. Most likely an Acanthopterygian.

† *Trewavasia carinata* (Davis, 1887)

† *Xenopholis carinatus* Davis, 1887: 549, pl. 29, fig. 4. Type locality: Mt. Lebanon, Syria, Hard Chalk.

Appendix 1. Siluriform genera and species named from otoliths. Unless otherwise noted, all names were found in Weiler's (1968) catalogue of fish otoliths as belonging to catfishes

Generic names

- † *Claibornichthys* Frizzel & Dante, 1965: 697. Type species: † *Claibornichthys troelli* Frizzel & Dante, 1965. Type by original designation. Gender: Masculine.
Remarks: † *Otolithus (Sciaenidarum) decipiens* Koken, 1888, tentatively included as a second species of this genus by Frizzel & Dante (1965).
- † *Vorhisia* Frizzell, 1965: 179. Type species: † *Vorhisia vulpes* Frizzell, 1965. Type by original designation. Gender: Feminine.
Remarks: The family group name † Vorhisiidae was proposed in the same publication.

Species names

(Names listed by date of publication)

- † *Otolithus (incertae sedis) crassus* Koken, 1884: 559, pl. 12, fig. 13. Type locality: Heaton Hill, Isle of Wight. Holotype: at Roy. Mus. Nat. Hist. Berlin (otolith), but apparently lost (Stinton, 1977: 71).
Remarks: Placed in *Arius* by Weiler (1968). Treated as valid as † *Tachysurus crassus* by Stinton (1977: 71).
- † *Otolithus (Sciaenidarum) decipiens* Koken, 1888: 285, pl. 19 (figs. 5-6). Type locality: Calyborne-Schichten. Syntypes (2): Whereabouts unknown..
Remarks: Not listed among siluriform otolith based names in Weiler (1968), but treated a possible second species of † *Claibornichthys* (as † *Otolithus (Arius) decipiens*) in Frizzel & Dante (1965).
- † *Arius baroni* Newton, 1889: 207, pl. 21, fig. 7. Type locality: Ankoala, Madagascar; Eocene. Holotype: at BMNH, in the Baron collection (1 of 8 otoliths). Name available from figure caption, thus illustrated specimen is the holotype.
- † *Raja similis* Woodward, 1889a: 86, pl. 4, figs. 4-5. Type locality: Hampshire, England; Eocene. (Otoliths).
Remarks: Name corrected to † *Arius similis* on plate caption. Treated as a synonym of † *Tachysurus crassus* (Koken) by Stinton (1977: 71).
- † *Otolithus (Arius) danicus* Koken, 1891: 81, fig. 1. Type locality: Copenhagen; lower Eocene. Based on otolith identified as † *Otolithus* cf. *crassus* in Koken (1885: 116, pl. 5, fig. 29).
- † *Otolithus (Arius) germanicus* Koken, 1891: 81, pl. 1, fig. 3, and pl. 6, fig. 8. Type locality: Lattorf, Westeregeln, and Osterweddingen, Lower Oligocene; Sollingern, Weinheim, Waldboeckelheim, Middle Oligocene. (otoliths).
- † *Otolithus (Arius) vanigonis* Koken, 1891: 81, pl. 6, fig. 4. Type locality: Mitteloligocän, Waldböeckelheim.
- † *Otolithus (Arius) Lerichei* Priem, 1906: 277, figs. 46-47. Type locality: problemement du Thanétien ou Yprésien ? des environs de Reims, éocènes du bassin Parisien. Holotype (partial Lapillus): Collection Bourdot.
- † *Otolithus (Siluridarum ?) incertus* Priem, 1906: 277, figs. 48-49. Type locality: problemement d'Hérouval (Yprésien supérieur), éocènes du bassin Parisien. Holotype: ? MNHN.
- † *Otolithus (Arius ?) moravicus* Schubert, 1908: 106, abb. 3. Type locality: Marnes de Pausram (Lower Ologocene). Holotype: GBW 1908/01/4.
Remarks: Nolf (1981: 136) listed this name as a rejected species.
- † *Otolithus (Arius) angelicus* Bassoli, 1909: 41, fig. 1. Type locality: Headon Member, Solent formation, Brockenhurst, Hampshire, Britain. Holotype: (Lapillus).
Remarks: Treated as valid as † *Galeichthys angelicus* by Stinton (1977: 73).
- † *Otolithus (Arius) crassus bartonensis* Shepherd, 1916: 183, fig. 155 (5). Type locality: Ober- Eozän, England. Originally † *Otolithus (Arius) crassus* var. *bartonensis*.
Remarks: Treated as a synonym of † *Tachysurus crassus* (Koken) by Stinton (1977: 71).
- † *Otolithus (Arius) danicus bartonensis* Shepherd, 1916: 180, fig. 157 (11). Type locality: Upper Eocene, England. Originally † *Otolithus (Arius) danicus* var. *bartonensis*.
Remarks: Treated as a synonym of † *Tachysurus planus* (Frost), as well † *Tachysurus crassus* (Koken) as by Stinton

(1977: 70).

- † *Otolithus (Arius ?) parvus* Schubert, 1916: 287, pl. 7 (fig. 24). Type locality: Barton Formation (Upper Eocene) at Barton Cliff, England. Syntypes: GBW 1916/01/25, 25a.
Remarks: Treated as a synonym of † *Tachysurus crassus* (Koken) by Stinton (1977: 71). Nolf (1981: 136) listed this name as a rejected species.
- † *Otolithus (Arius) newtoni* Schubert, 1916: 286, pl. 7 (fig. 3). Type locality: Barton Formation (Upper Eocene) at Barton Cliff, England. Syntypes: GBW 1916/01/3 (or MGB 0427, see Stinton, 1977: 72).
Remarks: Treated as a synonym of † *Tachysurus crassus* (Koken) by Stinton (1977: 71). Nolf (1981: 136) treated this name as a synonym of † *Arius crassus* (Koken).
- † *Otolithus (Arius) tenuis* Frost, 1925: 28, pl. 2 (fig. 37). Type locality: Hoofdsossiel-zone, Al. Geureugah (Nisam), Sumatra; upper Tertiary (Neogene). Holotype: (? Lapillus).
Remarks: Name spelled † *Otolithus (Arius) tenius* on plate, which is treated here as an invalid name.
- † *Otolithus (Arius) africanus* Frost, 1926: 84, pl. 18, figs. 7–8. Type locality: Ameki, Nigeria; Eocene. Syntypes (5): (Lapillus).
- † *Otolithus (Arius) amekiensis* Frost, 1926: 84, pl. 18, fig. 10. Type locality: Ameki, Nigeria; Eocene. Holotype: (Lapillus).
- † *Otolithus (Arius) angulatus* Frost, 1926: 84, pl. 18, fig. 9. Type locality: Ameki, Nigeria; Eocene. Syntypes (3): (Lapillus).
- † *Otolithus (Arius ?) glaber* Voigt, 1926: 177, pl. 2, figs. 23–24. Type locality: Bavaria, Cretaceous.
- † *Otolithus (Arius) jaekeli* Richter 1928: 138, pl. 1, fig. 3. Type locality: Pomerania, Cretaceous.
- † *Otolithus (Arius) aequus* Frost, 1934: 504, pl. 14 (fig. 15). Type locality: Barton Formation, Barton, Hampshire; Upper Eocene. Holotype: BMNH P 22732 (Lapillus).
Remarks: Treated as valid as † *Galeichthys aequus* by Stinton (1977: 71).
- † *Otolithus (Arius) planus* Frost, 1934: 504, pl. 14 (fig. 14). Type locality: Barton Formation, Barton, Hampshire; Upper Eocene. Holotype: BMNH P 22730 (otolith).
Remarks: Treated as valid as † *Tachysurus planus* by Stinton (1977: 70).
- † *Arius rutschi* Casier, 1958: 22, pl. 2 (figs. 12, 15). Type locality: l'Île de la Barbade; formation de Scotland superieure. Holotype: TLLS 80. (Lapillus).
- † *Arius cavatus* Stinton, 1962: 82, pl. 19 (fig. 6). Type locality: Borneo, Lower Pliocene. Holotype: (Lapillus).
- † *Tachysurus oblongus* Stinton, 1962: 81, pl. 19 (fig. 3). Type locality: Borneo, Miocene–Pliocene. Type(s): Whereabouts unknown.
- † *Netuma radiata* Stinton, 1962: 81, pl. 1 (fig. 17). Type locality: Borneo, Pliocene.
- † *Netuma regularis* Stinton, 1962: 82, pl. 19 (fig. 5). Type locality: Borneo, Pliocene.
- † *Otolithus (Arius) rotundatus* Roedel, 1930: 52, pl. 1, fig. 17. Type locality: Köthen und Frankfurt [Germany], Eocene. Holotype: (Lapillus).
- † *Vorhisia vulpes* Frizzell, 1965: 180, figs. 2, 3. Type locality: Upper Cretaceous (Maestrichtian): along left bank of Grand River; Sec. 19, T20N, R20W; Corson County, South Dakota. Holotype: Frizzell personal collection, no number (otolith: left lapillus).
Distribution: Fox Hill Formation: Irish Creek lithofacies, Bullhead lithofacies, and Colgate lithofacies, South Dakota, USA; Upper Cretaceous (Frizzell & Koenig, 1973).
- † *Claibornichthys troelli* Frizzell & Dante, 1965: 697, pl. 86 (figs. 1, 2, 8, 17, 18, 19). Type locality: Stone City Beds: Brazos River, west of Bryan Texas. Holotype: USNM 23371 (otolith).
- † *Diplomystes rudis* Stinton, 1966: 423, pl. 66, fig. 12. Type locality: London Clay, England.
Distribution: London Clay, England, Lower Eocene (Weiler, 1968).

Appendix 2. Institutional codes

AFY	Personal collection of Agustín Fernández-Yépez; portions now at SCN and MBUCV, Venezuela.
AI	Asociación Ictiológica, La Plata, Argentina.
AMG	Albany Museum, Grahamstown, South Africa.
AMNH	American Museum of Natural History, New York, U.S.A.
AMS	Australian Museum, Sydney, N. S. W., Australia.
ANSP	Academy of Natural Sciences, Philadelphia, Pennsylvania, U.S.A.
ASIZB	Academia Sinica Institute of Zoology, Beijing, China.
BCUE	Department of Biology, Ch'ongju University of Education, Korea.
BKNU	Kunsan National University, Department of Biology, Korea.
BMNH	Natural History Museum, London. Formerly British Museum (Natural History), U.K.
BSMP	Department of Agriculture, Bureau of Science, Manila, Philippines. Evidently entire collection destroyed during World War II.
CAS	California Academy of Sciences, San Francisco, California, U.S.A.
CM	Carnegie Museum, Pittsburgh, Pennsylvania, U.S.A. Now at FMNH.
CPUC	Colecciones Paleontológicas, Departamento Ciencias de la Tierra, Universidad de Concepción, Concepción, Chile.
CSIRO	Commonwealth Science & Industrial Research Organization, Division of Marine Research, Hobart, Tasmania, Australia.
CU	Cornell University Museum of Vertebrates, Ithaca, New York, U.S.A.
DGM	Paleontological collection of the Setor de Paleontologia, Departamento Nacional de Produção Mineral, Universidade do Estado do Rio de Janeiro, Brazil.
DVZUT	Department of Vertebrate Zoology, University of Tông-Hop, Hanoi, Vietnam.
DZSASP	Departamento de Zoologia, Secretaria da Agricultura, São Paulo, Brazil. Formerly Museu Paulista.
ECO-SC	El Colegio de la Frontera Sur, San Cristóbal, Chiapas, Mexico.
EEBP	Estação Experimental de Biologia e Piscicultura de Pirassununga, Brazil.
FAKU	Kyoto University, Department of Fisheries, Faculty of Agriculture, Japan.
FFSUC	Faculty of Forestry Sciences, Universidad de Chile, Ichthyological Collection, Santiago, Chile.
F/GUZ	Department of Zoology, Gauhati University, Guwahati, Assam, India.
FML	Instituto Fundacion Miguel Lillo, Tucuman, Argentina.
FMNH	Field Museum of Natural History, Chicago, Illinois, U.S.A.
FRLM	Faculty of Fisheries, Mie University, Fisheries Research Laboratory, Mie-ken, Japan.
GBW	Collection du Gelogische Bundesanstalt, Vienna, Austria.
GCM	Government College, Department of Zoology, Lahore, Pakistan.
GSJ	Geological Society of Japan.
ICNMHN	Instituto de Ciencias Naturales, Museo de Historia Natural, Universidad Nacional de Colombia, Bogotá, Colombia. .
IHASW	Institute Hydrobiology Academy Sinica, Wuhan, China.
ILPLA	Museo de La Plata, Instituto de Limnologia, La Plata, Argentina.
IMCN	Natural Sciences Museum Federico Carlos Lehmann V.- INCIVA Cali, Colombia
INHS	Illinois Natural History Survey, Champaigne, Illinois, U.S.A.
INPA	Instituto Nacional de Pesquisas da Amazonia, Manaus, Amazonas, Brazil.
INVEMAR	Instituto de Investigaciones Marinas de Punta de Betin, Santa Marta, Colombia.
IRSNB	Institut Royal des Sciences Natureles de Belgique, Brussels, Belgium.
IU	Indiana University, Bloomington, Indiana, U.S.A. Now distributed among several institutions, primarily CAS, UMMZ and USNM; many IU types remain unaccounted for.
IUQ	Laboratorio de Ictiología, Departamento de Biología, Universidad del Quindío, Armenia, Colombia.
IZUA	Universidad Austral de Chile, Instituto de Zoologia, Valdivia, Chile.
JFBM	Bell Museum Fish Collection at the University of Minnesota.

JNU	Department of Biology, Ji Nan University, China.
KIZ	Kunming Institute of Zoology, Chinese Academy of Sciences, Kunming, Yunnan, China.
KU	University of Kansas, Museum of Natural History, Lawrence, Kansas, U.S.A.
KUMF	Kasetsart University Museum of Fisheries, Bangkok, Thailand.
LACM	Los Angeles County Museum of Natural History, Los Angeles, California, U.S.A.
LIVCM	World Museum Liverpool, U.K.
LUVP	Vertebrate Palaeontology Laboratory, Geology Department, Lucknow University, Lucknow, India.
MACN	Museo Argentino de Ciencias Naturales, Bernardino Rivadavia, Capital Federal, Argentina.
MB	Universidade de Lisboa, Museu Bocage, Lisboa, Portugal.
MBLUZ	Museo de Biología de la Universidad del Zulia, Venezuela.
MBUCV	Universidad Central de Venezuela, Museo de Biología, Caracas, Venezuela.
MCN.USB	Museo de Ciencias Naturales, Universidad Simón Bolívar, Caracas, Venezuela.
MCNG	Museo de Ciencias Naturales, Guanare, Venezuela.
MCP	Pontificia Universidade Católica do Rio Grande do Sul, Museu de Ciências, Rio Grande do Sul, Porto Alegre, Brazil.
MCZ	Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, U.S.A.
MD	Museo do Dundo, Dundo, Angola.
MEPN	Escuela Polytecnica Nacional, Quito, Ecuador.
MHNC	Museo de Historia Natural de Cochabamba, Bolivia.
MHNG	Museum d'Histoire Naturelle, Geneve, Switzerland.
MHNL	Musée d'Hisoire Naturelle du Luxembourg.
MHNLR	Museum d'Histoire Naturelle, La Rochelle, France.
MHNLS	Museo de Historia Natural de La Salle, Caracas, Venezuela.
MHNM	Museo de Historia Natural de Montevideo, Montevideo, Uruguay.
MHNN	Museum d'Histoire Naturelle, Neuchatel, Switzerland.
MHV	Musée de Haute Volta, Ouagadougou, Upper Volta.
MIKU	Marine Biological Institute, Kyoto University, Japan. Specimens now at FAKU.
MLP	Museo de La Plata, La Plata, Argentina.
MNHN	Muséum National d'Histoire Naturelle, Paris, France.
MNHNP	Museo Nacional de Historia Natural de Paraguay.
MNKP	Museo de Historia Natural Noel Kempff Mercado, Santa Cruz, Bolivia.
MNRJ	Universidade Federal do Rio de Janeiro, Museu Nacional, Rio de Janeiro, Brazil.
MNSB	Museum of Natural Sciences, Budapest, Hungary.
MPEG	Museu Paraense 'Emilio Goeldi', Para, Brazil.
MRAC	Musée Royal de l'Afrique Centrale, Tervuren, Belgium.
MRCN	Museu Rio-Grandense de Ciências Naturais, Brazil.
MSINR	Museum Sichuan Institute of Natural Resources, China.
MSNG	Museo Civico di Storia Naturale di Genova 'Giacomo Doria', Genova, Italy.
MSNM	Museo Civico di Storia Naturale, Milano, Italy.
MSUM	Michigan State University, University Museum, East Lansing, Michigan, U.S.A.
MTD	Staatliches Museum für Tierkunde, Dresden, Germany.
MUMF	Department of Life Sciences, Manipur University Museum of Fishes, Canchipur, Manipur, India.
MUSM	Museo de Historia Natural de la Universidad Nacional Mayor de San Marcos, Lima, Peru.
MZB	Museum Zoologicum Bogoriense, Bogor, Indonesia.
MZUF	Universita di Firenze, Museo Zoologico de la Specola, Firenze, Italy.
MZS	Universite de Strasbourg, Musée de Zoologie, Strasbourg, France.
MZUSP	Universidade de São Paulo, Museu de Zoologia, São Paulo, Brazil.
MZUT	Universita di Torino, Museo Zoologico, Torino, Italy.
NIFI	National Inland Fisheries Institute, Fish Taxonomy Division, Bangkok, Thailand.
NMBA	Naturhistorisches Museum Basel, Basel, Switzerland.

NMBE	Naturhistorisches Museum Bern, Bern, Switzerland.
NMC	National Museums of Canada, Ottawa, Canada.
NMK	National Museum, Nairobi, Kenya.
NMSL	National Museum, Sir Marcus Fernando Mawatha, Colombo, Sri Lanka.
NMSZ	National Museums of Scotland, Edinburgh, Scotland.
NMV	National Museum of Victoria, Melbourne, Victoria, Australia.
NMW	Naturhistorisches Museum, Vienna, Austria.
NRM	Swedish Museum of Natural History (Naturhistoriska Riksmuseet), Stockholm, Sweden.
NSMT	National Science Museum, Department of Zoology, Tokyo, Japan.
NTM	Northern Territory Museum of Arts & Sciences, Darwin, Northern Territory, Australia.
OSUS	Oklahoma State University, Department of Zoology, Stillwater, Oklahoma, U.S.A.
PEM	Port Elizabeth Museum, Port Elizabeth, South Africa.
QM	Queensland Museum, Brisbane, Queensland, Australia.
QVMS	Queen Victoria Museum, Harare, Zimbabwe.
RMNH	Rijksmuseum van Natuurlijke Historie, Leiden, Netherlands.
ROM	Royal Ontario Museum, Toronto, Ontario, Canada.
SAIAB	South African Institute for Aquatic Biodiversity; formerly J. L. B. Smith Institute of Ichthyology, Grahamstown, South Africa (RUSI).
SAM	South African Museum, Cape Town, South Africa.
SAMA	South Australian Museum, Adelaide, South Australia, Australia.
SBM	Sabah Museum, Sabah, East Malaysia.
SCNU	South China Normal University, Guangzhou, China.
SIUC	Southern Illinois University (Carbondale), University Museum, Carbondale, Illinois, U.S.A.
SMF	Natur-Museum und Forschungs-Institut Senckenberg, Frankfurt-am-Main, Germany.
SMK	Sarawak Museum, Kuching, Sarawak, Malaysia.
SMNS	Staatliches Museum für Naturkunde in Stuttgart, Ludwigsburg, Germany.
SNMB	Slovak National Museum, Bratislava, Czechoslovakia.
SPNRI	Sichuan Province, Natural Resources Institute, China.
SRS/ZSI	Southern Regional Station, Zoological Survey of India, Madras, India.
STRI	Smithsonian Tropical Research Institute, Panama.
SU	Stanford University, Palo Alto, California, U.S.A. Specimens on long term loan to CAS.
TM	Transvaal Museum, Pretoria, South Africa.
TU	Tulane University, Department of Zoology, New Orleans, Louisiana, U.S.A.
UAB	Universidad Autónoma de Barcelona, Departamento de Biología, Barcelona, Spain.
UBJTL	Universidad Bogotá Jorge Tadeo Lozano, Colombia.
UFRJ	Universidade Federal do Rio de Janeiro, Brazil.
UG/CSBD	University of Guyana, Center for the study of Biological Diversity, Georgetown, Guyana.
UMMP	University of Michigan Museum of Paleontology, Ann Arbor, Michigan, U.S.A.
UMMZ	University of Michigan Museum of Zoology, Ann Arbor, Michigan, U.S.A.
UNAM	Universidad Nacional Autónoma de México, Departamento de Zoología, Instituto de Biología, México, DF, México.
UO	University of Oregon, Corvallis, Oregon, U.S.A.
USNM	National Museum of Natural History, Washington, D.C., U.S.A. Formerly United States National Museum.
UW	University of Washington, College of Fisheries, Seattle, Washington, U.S.A.
WAM	Western Australian Museum, Perth, Western Australia, Australia.
ZFMK	Zoologisches Forschungsinstitut und Museum Alexander Koenig, Bonn, Germany.
ZIN	Zoological Institute, Academy of Sciences, St. Petersburg, Russia.
ZISP	Zoological Institute, Academy of Sciences, Leningrad, Russia.
ZMA	Universiteit van Amsterdam, Zoologisch Museum, Amsterdam, The Netherlands.
ZMB	Universität Humboldt, Museum für Naturkunde, Berlin, Germany.

ZMFMB	Zoological Museum Fan Memorial Institute of Biology, Tsing Hua University, Peiping, China.
ZMH	Universität Hamburg, Zoologisches Institut und Museum, Hamburg, Germany.
ZMMU	Zoological Museum, Moscow University, Russia.
ZMUB	Universitetet i Bergen, Zoologisk Museum, Bergen, Norway.
ZMUC	Københavns Universitet Zoologisk Museum (Zoological Museum, University of Copenhagen), Copenhagen, Denmark.
ZMUL	Universitetets Lund, Zoologiska Museet, Lund, Sweden.
ZMUO	Universitetets I Oslo, Zoologisk Museum, Oslo, Norway.
ZMUT	University of Tokyo, Department of Zoology, University Museum, Tokyo, Japan.
ZMUU	Zoologiska Museet, Uppsala Universitet, Uppsala, Sweden.
ZRC	Zoological Reference Collection, National University of Singapore, Singapore.
ZSI	Zoological Survey of India, Kolkata [Calcutta], India.
ZSIC	Zoological Survey of India, Chennai, India.
ZSI/NRS	Northern Regional Station, Zoological Survey of India, Dehradun, India.
ZSI/SRS	Southern Regional Station, Zoological Survey of India, Madras, India.
ZVC-P	Facultad de Ciencias, Universidad de la República, Montevideo, República Oriental del Uruguay
ZSM	Zoologische Museum Staatssammlung, München, Germany.
ZX	Zhuhai City Fisheries Science Research Institute, Guangdong Province, China.

Appendix 3. Taxonomic publications on Siluriformes issued in 2006

The following publications were issued in 2006, after the cutoff date for this Checklist. The publications are listed in alphabetical order of authorship, with an abbreviated summary of the taxonomic and nomenclatural actions taken, to make the checklist as up to date as possible. New names and other names that were subject to nomenclatural action have been noted and are included in the index. However, new names and any other proposed taxonomic changes were not incorporated into the statistics provided in Table 1.

Alencar, A.R. & Costa, W.J.E.M. (2006) *Trichomycterus pauciradiatus*, a new catfish species from the upper rio Paraná basin, southeastern Brazil (Siluriformes: Trichomycteridae). *Zootaxa*, 1269, 43–49.

Trichomycterus pauciradiatus Alencar & Wilson, 2006: 44, fig. 1. Type locality: Brazil: Estado de Minas Gerais: Município de Carrancas, córrego Debaixo da Serra, stream tributary of córrego Água Limba, rio Paraná basin, 21°26'40"S, 44°36'09"W. Holotype: UFRJ 5831.

Distribution: Upper Paraná River basin, southeastern Brazil.

Almirón, A., Azpelicueta, M. de las M., Casciotta, J. & Litz, T. (2006) A new species of *Hisonotus* (Siluriformes, Loricariidae, Otothyridae) from the Republica Oriental del Uruguay. *Revue suisse de Zoologie, Annales de la Société zoologique suisse et du Muséum d'Histoire naturelle de Genève*, 113, 87–94.

Hisonotus charrua Almirón Azpelicueta, Casciotta & Litz, 2006: 88, figs. 1–3. Type locality: República Oriental del Uruguay, Departamento Tacuarembó, río Uruguay basin, Cañada de Los Peña (31°39.09'S, 56°12.32'W). Holotype: ZVC-P 5639.

Distribution: Uruguay River and La Plata River mouth, Uruguay.

Betancur-R., R. & Acero P., A. (2006) A new species of *Notarius* (Siluriformes: Ariidae) from the Colombian Pacific. *Zootaxa*, 1249, 47–59.

Notarius armbrusteri Betancur-R. & Acero P., 2006: 50, figs. 2–3. Type locality: fish market of Buenaventura, Valle del Cauca, Colombia. Holotype: INVEMAR-PEC 6677.

Distribution: Eastern Pacific coast, at Valle del Cauca, Colombia.

Key: Species of *Notarius* of Eastern Pacific on p. 58.

Casciotta, J., Azpelicueta, M. de las M., Almirón, A. & Litz, T. (2006) *Hisonotus candombe*, a new species from the río Uruguay basin in the República Oriental del Uruguay (Siluriformes, Loricariidae, Otothyridae). *Spixiana*, 26 (2), 147–152.

Hisonotus candombe Casciotta, Azpelicueta, Almirón & Litz, 2006: 147, figs. 1–3. Type locality: República Oriental del Uruguay, Departamento Salto, río Uruguay basin, arroyo Palomas (31°04'43"S – 57°37'26"W). Holotype: ZVC-P 5595.

Distribution: lower Uruguay River basin, Uruguay.

Covain, R., Le Bail, P.Y., Sagnes, P. & Fisch-Muller, S. (2006) Species of the genus *Harttia* (Siluriformes: Loricariidae) in French Guiana: Morphology, taxonomy and distribution. *Cybium*, 30, 3–18.

Day, J. J. & Wilkinson, M. (2006) On the origin of the *Synodontis* catfish species flock from Lake Tanganyika. *Biology Letters*, doi:10.1098/rsbl.2006.0532, 1–5.

Diogo, R. & Bills, R. (2006) Osteology and myology of the cephalic region and pectoral girdle of the South African catfish *Austroglanis gilli*, with comments on the autapomorphies and phylogenetic relationships of the Austroglanidae (Teleostei: Siluriformes). *Animal Biology*, 56, 39–62.

Diogo, R., Chardon, M. & Vandewalle, P. (2006) Osteology and myology of the cephalic region and pectoral girdle of the *Cetopsis coecutiens* Spix & Agassiz, 1829, comparison with other cetopsids, and comments on the synapomorphies and phylogenetic relationships of the Cetopsidae (Teleostei: Siluriformes). *Belgian Journal of Zoology*, 136, 3–13.

Diogo, R., Chardon, M. & Vandewalle, P. (2006) Osteology and myology of the cephalic region and pectoral girdle of the *Nematogenys inermis* Guichenot, 1848, with comments on the autapomorphies and phylogenetic relationships of the Nematogenyidae (Teleostei: Siluriformes). *Belgian Journal of Zoology*, 136, 15–24.

Do Nascimento, C. & Provenzano, F. (2006) The genus *Henonemus* (Siluriformes: Trichomycteridae) with a description of a new species from Venezuela. *Copeia*, 2006, 198–205.

- Henonemus triacanthopomus* Do Nascimento & Provenzano, 2006: 199, fig. 1. Type locality: Venezuela, Estado Delta Amacuro, beach at Caño Macareo, 8°49'16"N, 62°00'00"W. Holotype: MBUCV-V 29526
Distribution: Apure and Arauca Rivers and in Caño Macareo in the Orinoco Delta, Venezuela.
- EGGE, J.J.D. & SIMONS, A.M. (2006) The challenge of truly cryptic diversity: diagnosis and description of a new madtom catfish (Ictaluridae: *Noturus*). *Zoologica Scripta*, 35, 581–595.
- Noturus maydeni* Egge, 2006: 588, fig. 7. Type locality: Strawberry River at Simstown Public Access, 4 mi N of Evening Shade, 1.7 mi off U.S. Hwy 167 on Simstown Road (036°05'52"N, 091°36'27"W), Sharp Co., AR [USA]. Holotype: JFBM 39465.
Distribution: Black and St. Francis river basins, Mississippi River drainage, Arkansas and Missouri, USA (Egge & Simons, 2006).
Remarks: Not distinguishable morphologically from *Noturus albater*; diagnosis based on karyotypes, allozyme variation, and DNA sequences.
- FERNÁNDEZ, L. & OSINAGA, K. (2006) A new *Trichomycterus* (Siluriformes: Trichomycteridae) from Aguarague National Park of the Bolivian preandean region, with comments on the relationships within the genus. *Environmental Biology of Fishes*, 75, 385–393.
- Trichomycterus aguarague* Fernández & Osinaga, 2006: 386, fig. 1. Type locality: Bolivia, Tarija, Province Gran Chaco, National Park Aguarague, Quebrada Timboycito, a Río Caiguami tributary, elevation 700–800 m, 21°30'S, 63°60'W. Holotype: MNKP 4012.
Distribution: Caiguami River tributaries, Pilcomayo River basin, Paraná River system, Bolivia.
- FRIEL, J.P. & VIGLIOTTA, T.R., (2006) *Synodontis acanthoperca*, a new species from the Ogôoué River system, Gabon with comments on spiny ornamentation and sexual dimorphism in mochokid catfishes (Siluriformes: Mochokidae). *Zootaxa*, 1125, 45–56.
- Synodontis acanthoperca* Friel & Vigliotta, 2006: 47, figs. 1–3. Type locality: Gabon, Haut-Ogôoué Province, Ogôoué River at and below the Rapids of Massoukou (Masuku), 1°39'30"S 13°32'14"E. Holotype: CU 89005.
Distribution: Louétsi and Ogôoué Rivers, Ogôoué River basin, Gabon.
- JAYARAM, K.C. (2006) *Catfishes of India*, Narenda Publishing House, Delhi, xxii +323 p., 11 pl.
- Pterocryptis barakensis* Vishwanath & Sharma, in Jayaram, 2006: 99, pl. 5, fig. 2. Type locality: India, Manipur, Tamenglong District, Barak River at Vanchengphai, village. Holotype: MUMF 4018.
Distribution: Barak River, Brahmaputra River basin, India.
- Horabagrinae new subfamily [Schilbiidae], Jayaram, 2006: 141. Type genus: *Horabagrus* Jayaram, 1955.
Horaglanidinae new subfamily [Clariidae], Jayaram, 2006: 309. Type genus: *Horaglanis* Menon, 1950.
- JANSSEN, G., DEVAERE, S., WEEKERS, P. & ADRIAENS, D. (2006) Phylogenetic and biogeographical analysis of African air-breathing catfish (Siluriformes: Clariidae): inferred from ribosomal genes and spacers sequences with emphasize on anguilliformity. *Molecular Phylogeny and Evolution* 38: 65–78.
- JEREP, F.C., SHIBATA, O.A., PEREIRA, E.H.L. & OYAKAWA, O.T. (2006) Two new species of *Isbrueckerichthys* Derijst, 1996 (Siluriformes: Loricariidae) from the rio Paranapanema basin, Brazil. *Zootaxa*, 1372, 53–68.
- Isbrueckerichthys calvus* Jerep, Shibatta, Pereira & Oyakawa, 2006: 60, fig. 2. Type locality: Brazil; Paraná State; Apucarana; rio Tibagi basin; córrego Juruba; 23°34'44.6"S/51°22'12.6"W. Holotype: MZUEL 3714. Distribution: Tributary streams of the Taquara River, Tibagi River basin, Paraná State, Brazil.
- Isbrueckerichthys saxicola* Jerep, Shibatta, Pereira & Oyakawa, 2006: 55, fig. 1. Type locality: Brazil; Paraná State; Londrina; rio Tibagi basin; ribeirão Jacutinga; 23°14'30S/51°13'05"W. Holotype: MZUEL 3716. Distribution: Ribeirão Jacutinga headwaters, Tibagi River basin, Paraná State, Brazil.
- KOBLMÜLLER, S., STURMBAUER C., VERHEYEN, E., MEYER, A. & SALZBURGER, W. (2006) Mitochondrial phylogeny and phylogeography of East African squeaker catfishes (Siluriformes: *Synodontis*). *BMC Evolutionary Biology*, 2006, 6 (49) (<http://www.biomedcentral.com/1471-2148/6/49>).
- MORI, H. & SHIBATA, O.A. (2006) A new species of *Microglanis* Eigenmann, 1912 (Siluriformes, Pseudopimelodidae) from rio São Francisco basin, Brazil. *Zootaxa*, 1302, 31–42.
- Microglanis leptostriatus* Mori & Shibatta, 2006: 33, fig. 1. Type locality: rio Verde Grande, 16° 39'S/46°11'57.8"W, Montes Claros, State of Minas Gerais, Brazil. Holotype: MZUSP 85985.
Distribution: São Francisco River basin, Brazil.

- Murdy, E.O. & Ferraris, C.J., Jr. (2006) A revision of the marine catfish genus *Euristhmus* (Teleostei: Siluriformes: Plotosidae). *The Beagle, Records of the Museums and Art Galleries of the Northern Territory*, 22, 77-90.
- Euristhmus micropthalmus* Murdy & Ferraris, 2006: 84, figs. 3, 6. Type locality: AUSTRALIA. Northern Territory. Woods Inlet, Darwin Harbour, 12°30'S, 130°45'E. Holotype: NTM S. 11242-001.
Distribution: Northern Territory, Australia and Irian Jaya, Indonesia, in nearshore habitats over soft bottoms.
- Euristhmus sandrae* Murdy & Ferraris, 2006: 88, figs 3, 9. Type locality: AUSTRALIA. Western Australia. Exmouth Gulf, 21°42'S, 114°48'E, 9 m. Holotype: WAM P.32730.001.
Distribution: Western Australia from south of Rowley Shoals and Exmouth Gulf, in waters as deep as 80m over soft bottoms.
- Cnidoglanis lepturus* Günther, 1864, Lectotype: BMNH 1864.1.17.33, designated on p. 82.
Key: species of *Euristhmus* on p. 80.
- Near, T. J. & Hardman, M. (2006) Phylogenetic relationships of *Noturus stanauli* and *N. crypticus* (Siluriformes: Ictaluridae), two imperiled freshwater fish species from the southeastern United States. *Copeia*, 2006, 378–383.
- Ng, H.H. (2006) A Phylogenetic Analysis of the Asian Catfish Family Sisoridae (Teleostei: Siluriformes), and the Evolution of Epidermal Characters in the Group. Unpublished Ph.D. dissertation, University of Michigan, Ann Arbor.
- Ng, H.H. (2006) *Erethistoides infuscatus*, a new species of catfish (Teleostei: Erethistidae) from South Asia. *Ichthyological Explorations of Freshwaters*, 17, 283–287.
- Erethistoides infuscatus* Ng, 2006: 284, fig. 1. Type locality: India: Meghalaya, East Khasi Hills, Umsing River. Holotype: UMMZ 245695.
Distribution: Brahmaputra and Meghna River drainages, northeast India and Bangladesh.
- Ng, H.H. (2006) The identity of *Batasio tengana* (Hamilton, 1822), with the description of two new species of *Batasio* from north-eastern India (Teleostei: Bagridae). *Journal of Fish Biology*, 68 (suppl. A), 101–118.
- Batasio tengana* Hamilton, 1822: Neotype designated by Ng, 2006: 103, fig. 1. Type locality: India: West Bengal: Tista River at Tista barrage; 26°45'10"N; 88°34'11"E. Neotype: UMMZ 244796.
Distribution: Ganges and Brahmaputra River basins.
- Batasio fasciolatus* Ng, 2006: 107, fig. 4. Type locality: India: West Bengal, market at Malbazar: 26°32'30"N; 88°44'17"E. Holotype: UMMZ 244798.
Distribution: Tista River basin, Brahmaputra River system.
- Batasio spilurus* Ng, 2006: 110, fig. 5. Type locality: India: Assam, Dibrugarh district, 27°29'N; 94°54'E. Holotype: ZRC 49133.
Distribution: Brahmaputra River basin (Ng, 2006).
- Ng, H.H. (2006) *Pseudecheneis suppaetula*, a new species of glyptosternine catfish (Teleostei: Sisoridae) from India. *Zootaxa*, 1267, 59–68.
- Pseudecheneis suppaetula* Ng, 2006: 60, fig. 1. Type locality: India: Himachal Pradesh, Ganges River drainage, upper reaches of Giri River, in Chhaila area (in the vicinity of Kotkhai), 31°6'15"N 77°25'56"E. Holotype: NRM 36977.
Distribution: Ganges River basin, Himachal Pradesh, India.
- Ng, H.H. (2006) *Akysis longifilis*, a new species of catfish (Teleostei: Akysidae) from Myanmar. *Zootaxa*, 1150, 19–30.
- Akysis longifilis* Ng, 2006: 20, fig. 1. Type locality: Myanmar: Bago division, Pyu township, Pyu stream (tributary of Sittang River) ca. 229 km from Yangon, 18°29'N, 96°26'E. Holotype: UMMZ 246172.
Distribution: Sittang River basin, Myanmar.
- Ng, H.H. (2006) The identity of *Pseudecheneis sulcata* (M'Clelland, 1842), with descriptions of two new species of rheophilic catfish (Teleostei: Sisoridae) from Nepal and China. *Zootaxa*, 1254, 45–68.
- Pseudecheneis eddsi* Ng, 2006: 51, fig. 4. Type locality: Nepal: Tanahun, Khairenitara, Seti River (Ganges River drainage), 28°2'0.0"N 84°4'0.0"E. Holotype: KU 36872.
Distribution: Gandaki River basin, Nepal.
- Pseudecheneis stenura* Ng, 2006: 57, fig. 5. Type locality: China: Yunnan, Baoshan Prefecture, Longchuanjiang at Lianmengjie bridge (Irrawaddy River drainage). Holotype: KIZ 199811999.
Distribution: Irrawaddy River basin, Yunnan, China.
- Ng, H.H. (2006) *Pseudolaguvia ferula*, a new species of sisoroid catfish (Teleostei: Erethistidae) from India. *Zootaxa*, 1229, 59–68.
- Pseudolaguvia ferula* Ng, 2006: 60, fig. 1. Type locality: India: West Bengal, Tista River at Tista Barrage, 26°45'10"N

88°34'11"E. Holotype: UMMZ 245985.
Distribution: Tista River, West Bengal, India.

Ng, H.H. & Bailey, R.M. (2006) *Chiloglanis productus*, a new species of suckermouth catfish (Siluriformes: Mochokidae) from Zambia. *Occasional Papers of the University of Michigan Museum of Zoology*, 738, 1–13.

Chiloglanis productus Ng, & Bailey, 2006: 2, figs. 1–3. Type locality: Zambia: Lunzua stream, 11.3 km SSE of Mpu-lungu, about 1 km N of bridge on Mbala–Mpulungu road, 8°49'S 31°10'E. Holotype: UMMZ 199816.
Distribution: Lunzua River basin, Lake Tanganyika drainage, Zambia.

Ng, H.H. & Lim, K.K.P. (2006) Two new species of *Leiocassis* (Teleostei: Bagridae), riverine catfishes from northeast Borneo. *Ichthyological Exploration of Freshwaters*, 17, 165–172.

Leiocassis collinus Ng & Lim, 2006: 166, fig. 1. Type locality: Borneo: Sabah: Danum Valley, Segama River drainage, Sungai Palum Tambun, tributary of Sungai Segama, upstream of Danum Valley Field Center. Holotype: ZRC 46154.
Distribution: Kalabakan and Segama River basins, Sabah, Borneo.

Leiocassis tenebricus Ng & Lim, 2006: 166, fig. 1. Type locality: Borneo: Kalimantan Timur: Kayan River drainage, Sungai Nah, tributary to Kayan River ca. 20 minutes upstream of confluence with Iwan River, 1°57'43.2"N 115°6'35.4"E at 550 m asl.; Holotype: MZB 10718.

Distribution: Kayan River basin, northeastern Borneo.

Ortega-Lara, A. & Lehmann A., P. (2006) *Cruciglanis*, a new genus of pseudopimelodid catfish (Ostariophysi: Siluriformes) with description of a new species from the Colombian Pacific coast. *Neotropical Ichthyology*, 4, 147–156.

Cruciglanis Ortega-Lara & Lehmann, 2006: 149. Type species: *Cruciglanis pacifici* Ortega-Lara & Lehmann, 2006, by original designation. Gender: Masculine.

Cruciglanis pacifici Ortega-Lara & Lehmann, 2006: 150, fig. 1. Type locality: Colombia, Valle del Cauca Department, near Buenaventura city, San Cipriano River where it crosses San Cipriano village, confluence of the La Sardina stream, approximately 500 m before the confluence with Dagua River, Dagua River basin, 03°50.543'N 76°54.068'W, 84 m of altitude. Holotype: IMCN 2359.

Distribution: Dagua River basin and Anchicayá River basin, Pacific versant, Colombia.

Parisi, B.M., Lundberg, J.G. & DoNascimento, C. (2006) *Propimelodus caesius* a new species of long-finned pimelodid catfish (Teleostei: Siluriformes) from the Amazon Basin, South America. *Proceedings of the Academy Of Natural Sciences, Philadelphia*, 155, 67–78.

Propimelodus caesius Parisi, Lundberg & DoNascimento, 2006: 68, figs. 1–2. Type locality: Brazil, Pará State, Rio Amazonas above Rio Trombetas, 20 km above Obidos, collected with 3 m bottom trawl in channel 4–7 m deep, 1°56'07.3"S, 55°41'18.5"W. Holotype: MZUSP 88582.

Distribution: Amazon River main stem and lower reaches of many tributary rivers, Brazil and Peru.

Peng, Z.-G., Ho, S.-W., Zhang, Y.-G. & He, S.-P. (2006) Uplift of the Tibetan plateau: Evidence from divergence times of glyptosternoid catfishes. *Molecular Phylogenetics and Evolution*, 39, 568–572.

Provenzano, F. & Milani, N. (2006) *Cordylancistrus nephelion* (Siluriformes, Loricariidae), a new and endangered species of suckermouth armored catfish from the Tuy River, north-central Venezuela. *Zootaxa*, 1116, 29–41.

Cordylancistrus nephelion Provenzano & Milani, 2006: 31, figs. 1–2. Type locality: Venezuela, Caribbean Sea basin, Tuy River system, Mesia River, tributary of the Guare River, near Village Corocito, approximately 10°12'N, 67°05'W. Holotype: MBUCV-V-21800.

Distribution: Tuy River basin, Venezuela (Provenzano & Milani, 2006).

Key: species of *Cordylancistrus* on p. 38.

Reis, R.E. & Borges, T.A.K. (2006) The South American catfish genus *Entomocorus* (Ostariophysi: Siluriformes: Auchenipteridae), with the description of a new species from the Paraguay River basin. *Copeia*, 2006, 412–422.

Entomocorus radiosus Reis & Borges, 2006: 416, figs. 6–7. Type locality: Brazil, Mato Grosso, Rio Paraguay at neighborhood of Cáceres, approx. 16°03'S, 057°42'W. Holotype: MCP 35902.

Distribution: Paraguay River basin (Reis & Borges, 2006).

Key: species of *Entomocorus* p. 419.

Reis, R.E., Pereira, E.H.L. & Armbruster, J.A.W. (2006) Delturinae, a new loricariid catfish subfamily (Teleostei, Siluriformes), with revisions of *Delturus* and *Hemipsilichthys*. *Zoological Journal of the Linnean Society*, 147, 277–299.

Delturus brevis Reis & Pereira, 2006: 295, fig. 12. Type locality: Rio Araçuaí upstream of its mouth on Rio Jequitinhonha, Araçuaí, Minas Gerais, Brazil. Holotype: MZUSP 69858.

- Distribution: Jequitinhonha River basin, Minas Gerais, Brazil.
- Delturinae new subfamily Armbruster, Reis & Pereira, 2006: 279. Type genus: *Delturus* Eigenmann & Eigenmann, 1889.
- Key: subfamilies of Loricariidae, p. 279.
- Key: *Hemipsilichthys* on p. 281.
- Delturus parahybae* Lectotype: MCZ 7726, designated on p. 293.
- Delturus angulicauda* Lectotype: NMW 44069, designated on p. 288.
- Hemipsilichthys papillatus* holotype illustrated on p. 285, fig. 6.
- Hemipsilichthys nimius* holotype illustrated on p. 287, fig. 8.
- Retzer, M. E. (2006) A new species of *Farlowella* Eigenmann and Eigenmann (Siluriformes: Loricariidae), a stick catfish from Bolivia. *Zootaxa*, 1282, 59–68.
- Farlowella altocorpus* Retzer, 2006: 60, figs. 1, 2. Type locality: Bolivia: La Paz State: Río Beni Basin: Río Coroico, Caranavi. Holotype: INHS 99773.
- Distribution: Coroico River, Beni River basin, Bolivia.
- Salcedo, N.J. (2006) New species of *Chaetostoma* (Siluriformes: Loricariidae) from central Peru. *Copeia*, 2006, 60–67.
- Chaetostoma changae*, Salcedo, 2006: 61, fig. 1. Type locality: Peru, Departamento de Huánuco, vicinity of Tingo María, back-water near Puerto Nuevo, flowing into Río Tullamayo, 09°18'S, 75°59'W, 649 m. Holotype: ANSP 179125.
- Distribution: Huallaga River basin at Tingo María, Peru.
- Salcedo, N.J. (2006) Two new species of *Chaetostoma* (Siluriformes: Loricariidae) from the Huallaga River in central Peru. *Ichthyological Exploration of Freshwaters*, 17, 207–220 [not seen].
- Chaetostoma daidalmatos* Salcedo, 2006
- Chaetostoma stroupoulos* Salcedo, 2006
- Sarmiento-Soares, L.M., Martins-Pinheiro, R.F., Aranda, A.T. & Chamon, C.C. (2006) *Microglanis pataxo*, a new catfish from southern Bahia coastal rivers, northeastern Brazil (Siluriformes: Pseudopimelodidae). *Neotropical Ichthyology*, 4, 157–166.
- Microglanis pataxo* Sarmiento-Soares, Martins-Pinheiro, Aranda & Chamon, 2006: 158, Fig. 1. Type locality: Brazil, Bahia: Itamarajú, Jundiá creek on road BR-101 after joint with road to Jucuruçu, in the neighbourhoods of the city of Itamaraju (17°01'35"S 39°35'57"W). Holotype: MNRJ 28397.
- Distribution: Peruípe, Jucuruçu and Cahy Rivers, northeastern Brazil.
- Sarmiento-Soares, L.M., Martins-Pinheiro, R.F., Aranda A.T. & Chamon, C.C. (2006) *Ituglanis cahyensis*, a new catfish from Bahia, Brazil (Siluriformes: Trichomycteridae). *Neotropical Ichthyology*, 4, 309–318.
- Ituglanis cahyensis* Sarmiento-Soares, Martins-Pinheiro, Aranda & Chamon, 2006: 310, fig. 1. Type locality: Brazil, Bahia: Prado, rio Palmares on road Guarany- Corumbau, in direction to Corumbau after the joint with the road to the mouth of rio Cahy, (16°57'48"S, 39°16'33"W). Holotype: MNRJ 28404.
- Distribution: Palmares River, Cahy River basin, Southeastern Bahia State, Brazil.
- Sullivan J.P., Lundberg, J.G. & Hardman, M. (2006) A phylogenetic analysis of the major groups of catfishes (Teleostei: Siluriformes) using *rag1* and *rag2* nuclear gene sequences. *Molecular Phylogenetics and Evolution*, 41, 636–662.
- Tamang, L., Chaudhury, S. & Chauhury, D. (2006) On a new record of freshwater fish, *Pseudolaguvia shawi* (Hora) from Arunachal Pradesh, India (Teleostomi, Erethistidae). *Zoos' Print Journal*, 21 (11), 2443–2446.
- Thomson, A.W. & Page, L.M. (2006) Genera of the Asian catfish families Sisoridae and Erethistidae (Teleostei: Siluriformes). *Zootaxa*, 1345, 1–90.
- Diagnoses and review of named taxa above species level.
- Synonymy of *Hara* and *Erethistes*.
- Vari, R. P. & Ferraris, C.J., Jr. (2006) The Catfish genus *Tetranematichthys* (Auchenipteridae). *Copeia*, 2006, 168–180.
- Tetranematichthys wallacei* Vari & Ferraris, 2006: 169, figs. 1a, 2, 4. Type locality: Brazil, Amazonas, upper Rio Negro, São Pedro, mouth of Igarapé do Ibará, approximately 0°15'S, 66°46'W. Holotype: MZUSP 31096,
- Distribution: Orinoco, Negro Amazon and Tocantins River basins.
- Villa-Verde, L. & Costa, W.J.E.M. (2006) A new glanapterygine catfish of the genus *Listrura* (Siluriformes: Trichomycteridae) from the southeastern Brazilian coastal plains. *Zootaxa*, 1142, 43–50.

- Listrura picinguabae* Villa-Verde & Costa, 2006: 44, figs. 1–3. Type locality: Brazil: Estado de São Paulo: Município de Ubatuba, serra do Mar, Picinguaba, small stream tributary to rio da Fazenda, on small road near Km 11 of the road BR-101, Parque Estadual da Serra do Mar, about 23°20'S 44°45'W. Holotype: UFRJ 6111, 48.6 mm SL. Distribution: da Fazenda River tributaries, São Paulo State, southeastern Brazil.
- Vishwanath, W. & Darshan, A. (2006) A new species of the genus *Batasio* Blyth (Teleostei: Bagridae) from Manipur, India. *Zoos' Print Journal*, 21, 2160–2163.
- Batasio niger* Vishwanath & Darshan, 2006: 2160, fig. 1. Type locality: Khujailok stream, Chandel district, Manipur, India. Holotype: MUMF 9028. Distribution: Chindwin River basin, Manipur, India. Remarks: Publication includes illustration of tooth plates only; illustration of holotype available only on web version of paper.
- Wright, J.J. & Page, L.M. (2006) Taxonomic revision of Lake Tanganyikan *Synodontis* (Siluriformes: Mochokidae). *Florida Museum of Natural History Bulletin*, 46, 99–154.
- Synodontis grandioops* Wright & Page, 2006: 109, figs. 3c, 8, 9, 10. Type locality: Mwakizega coastline, L. Tanganyika. Holotype: BMNH 1982.4.13.4785. Distribution: Lake Tanganyika.
- Synodontis ilebrevis* Wright & Page, 2006: 117, figs. 5d, 13, 14, 15. Type locality: Lake Tanganyika at Chaitika, Zambia. Holotype: UF 160942. Distribution: Lake Tanganyika, only from the Cape Chaitika area, Zambia.
- Synodontis lucipinnis* Wright & Page, 2006: 126, figs. 4a, 17, 18. Type locality: Zambia, Mpulungu, Musende Rocks, 08°46'00"S, 031°51'00"E. Holotype: SAIAB 39577. Distribution: Lake Tanganyika, only from the Musende Rocks area, Zambia. Key: *Synodontis* species of Lake Tanganyika.

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INDEX

Names in bold indicate valid taxa; page numbers in italics indicate primary entry for the name.

- 5-tentaculatus*, *Heterobranchus*, 197
6-tentaculatus, *Heterobranchus*, 197, 200
7-radiatus, *Silurus*, 122
9-radiatus, *Silurus*, 201
11-radiatus, *Silurus*, 335
12-radiatus, *Silurus*, 177
16-radiatus, *Silurus*, 44
38-radiatus, *Silurus*, 70
- A**
aaldereni, *Hemipimelodus*, 32
abbreviatus, *Bagrus*, 95
abbreviatus, *Clarias*, 148
abbreviatus, *Plotosus*, 351
aboinensis, *Clarias* (*Clarioides*), 144
Abron, 342
absconditus, *Pimelodus*, 336
abuelo, *Cheirocerus*, 332
abuelo, *Sovichthys*, 332
aburrense, *Chaetostoma*, 227
aburrensis, *Hypostomus*, 227
Acanthicini, 217
Acanthicus, 217, 218
acanthicus, *Rinelepis*, 218
Acanthicus adonis, 218
Acanthicus canensis, 266
Acanthicus hystrix, 218
Acanthobunocephalus, 57
Acanthobunocephalus nicoi, 57
acanthochiroides, *Batrochoglanis*, 352
acanthochiroides, *Pseudopimelodus*, 352
acanthochirus, *Pseudopimelodus*, 353
Acanthocleithron, 303
Acanthocleithron chapini, 303
Acanthodemus, 278
Acanthodoras, 167
Acanthodoras cataphractus, 167
Acanthodoras depressus, 167
Acanthodoras spinosissimus, 168
acanthomias, *Synodontis*, 311
Acanthonotus, 356
Acanthonotus Hardwickii, 356
acanthoperca, *Synodontis*, 441
Acanthopoma, 403
Acanthopoma annectens, 403
Acanthopoma bondi, 413
accipenser, *Loricaria*, 270
Acentronichthys, 180
Acentronichthys leptos, 180
Acestra, 217, 237
Acestra acus, 237
Acestra amazonum, 237
Acestra gladiolus, 237
Acestra gladius, 239
Acestra Knerii, 238
Acestra oxyrrhyncha, 239
Acestra oxyrrhyncha, 239
acestrichthys, *Farlowella*, 238
Acestridiinae, 217
Acestridium, 217, 218
Acestridium colombiense, 218
Acestridium colombiense, 218
Acestridium dichromum, 218
Acestridium discus, 218
Acestridium martini, 218
Acestrini, 217
acicularis, *Sperata*, 106
Acipenser plecostomus, 258, 259
acipenserinus, *Hemiodon*, 247
acipenserinus, *Hemiodontichthys*, 247
acipenserinus, *Leptodoras*, 172
acipenserinus, *Oxydoras*, 172
acrensis, *Corydoras*, 112
acrocephalus, *Arius*, 47
Acrochordonichthyini, 12
Acrochordonichthys, 12
Acrochordonichthys Büttikoferi, 13
Acrochordonichthys chamaeleon, 12
Acrochordonichthys falcifer, 12
Acrochordonichthys guttatus, 12
Acrochordonichthys gyrinus, 12
Acrochordonichthys ischnosoma, 12
Acrochordonichthys mahakamensis, 12
Acrochordonichthys melanogaster, 13
Acrochordonichthys obscurus, 13
Acrochordonichthys pachyderma, 13
Acrochordonichthys platycephalus, 13
Acrochordonichthys rugosus, 13
Acrochordonichthys septentrionalis, 13
Acrochordonichthys strigosus, 13
Acrochordonichthys varius, 13
Acrochordonichthys zonatus, 13
aculeatus, *Chaetostomus*, 272
aculeatus, *Leiocassis*, 92
aculeatus, *Plecostomus*, 224
aculeatus, *Pterygoplichthys*, 272
acus, *Acestra*, 237
acus, *Farlowella*, 237
acus venezuelensis, *Farlowella*, 239
acuta, *Loricaria*, 269
acuticeps, *Auchenoglanis*, 154
acutirostris, *Oxyropsis*, 276
acutirostris, *Arius*, 31
acutirostris, *Chrysichthys*, 158
acutirostris, *Neotropius*, 359
acutirostris, *Oxyropsis*, 276
acutirostris, *Pseudeutropius*, 359
acutivelis, *Arius*, 155, 158
acutus, *Arius*, 51
acutus, *Corydoras*, 112
acutus, *Loricariichthys*, 269
Adansonii, *Bagrus*, 365
Adelopeltis, 107
Adelopeltis angusticeps, 107
Adelopeltis laticeps, 107
adiposalis, *Pseudobagrus*, 101
adolfoi, *Corydoras*, 112
adonis, *Acanthicus*, 218
adpersus, *Callichthys*, 127
aegyptiaca, *Eopeyeria*, 428
aegyptiacus, *Ariopsis*, 428
Aelurichthys, 37
Aelurichthys isthmensis, 38
Aelurichthys longispinis, 38
Aelurichthys nuchalis, 38
Aelurichthys panamensis, 37, 38
Aelurichthys pinnimaculatus, 38
Aelurichthys scutatus, 38
aeneum, *Hoplosoma*, 112
aeneus, *Ariodes*, 49
aeneus, *Corydoras*, 112
aeneus, *Pimelodus*, 215
aequalicuspis, *Rineloricaria*, 293
aequibarbis, *Arius*, 55
aequilabialis, *Pangasius*, 327
aequinoctiale, *Chaetostoma*, 227
aequinoctialis, *Chaetostomus*, 227
aequus, *Otolithus* (*Arius*), 435
affine, *Platystoma*, 330
affinis, *Ailia*, 356
affinis, *Amblydoras*, 168
affinis, *Auchenipterus* (*Pseudauchenipterus*), 76
affinis, *Bagrus*, 107
affinis, *Batasio*, 85
affinis, *Callichthys*, 111
affinis, *Doras*, 168
affinis, *Hassar*, 171
affinis, *Hypostomus*, 251
affinis, *Macrotocinclus*, 271
affinis, *Malapterurus*, 301
affinis, *Otocinclus*, 271
affinis, *Oxydoras*, 171
affinis, *Pimelodus*, 208
affinis, *Plecostomus*, 251
affinis, *Pseudauchenipterus*, 76
affinis, *Silurus* (*Callichrus*), 374
afghana, *Silurus*, 376
africana, *Arius*, 31
africana, *Arius falcarius*, 31
africanus, *Otolithus* (*Arius*), 435

- afrofischeri*, *Synodontis*, 311
Afro-fischeri, *Synodontis*, 311
Agamyxis, 168
Agamyxis albomaculatus, 168
Agamyxis pectinifrons, 168
Agassizi, *Pseudopimelodus*, 353
agassizii, *Cathorops*, 39
agassizii, *Corydoras*, 112
Agassizii, *Pinirampus*, 339
Agassizii, *Rhinelepis*, 289
agassizii, *Tachisurus*, 39
agastor, *Paraloricaria*, 278
agboyiensis, *Clarias*, 139
agboyiensis, *Clarias* (*Clarioides*), 139
Agenciosus polystictus, 70
Ageneiosi, 68
Ageneiosus, 68
Ageneiosus (*Pseudogeneiosus*)
therezinae, 69
Ageneiosus armatus, 68, 69
Ageneiosus atronatus, 68
Ageneiosus barranquerensis, 69
Ageneiosus brevifilis, 68, 69
Ageneiosus brevis, 69
Ageneiosus caucanus, 70
Ageneiosus childreni, 366
Ageneiosus dentatus, 70
Ageneiosus freiei, 70
Ageneiosus gabardinii, 69
Ageneiosus guianensis, 70
Ageneiosus inermis, 69
Ageneiosus madeirensis, 69
Ageneiosus magoi, 69
Ageneiosus marmoratus, 69
Ageneiosus marquesi, 70
Ageneiosus melanopogon, 68
Ageneiosus militaris, 68, 69
Ageneiosus mino, 38
Ageneiosus ogilviei, 69
Ageneiosus pardalis, 70
Ageneiosus parnaguensis, 70
Ageneiosus piperatus, 70
Ageneiosus polystictus, 70
Ageneiosus quadrifilis, 78
Ageneiosus rondoni, 69
Ageneiosus sebae, 69
Ageneiosus ucayalensis, 70
Ageneiosus uruguayensis, 70
Ageneiosus valenciennesi, 69
Ageneiosus virgo, 70
Ageneiosus vittatus, 70
Ageneiosus polystictus, 70
Ageneiosus (*Silonia*) *diaphina*, 86
Ageneiosus (*Silonia*) *lurida*, 366
Ageneiosus axillaris, 69
Ageneiosus militaris, 69
Ageneiosus porphyreus, 70
ageneiosus, *Batrachocephalus*, 38
Agenius, 68
Aglyptosternon, 387
Agmus, 58
Agmus lyriformis, 60
agna, *Hypostomus*, 251
āgnā, *Plecostomus*, 251
agricolus, *Bagrus*, 107
aguaboensis, *Ancistrus*, 219
aguadulce, *Cathorops*, 39
aguadulce, *Galeichthys*, 39
aguanai, *Exallodontus*, 333
aguarague, *Trichomycterus*, 441
Aguarunichthys, 329
Aguarunichthys inpai, 329
Aguarunichthys tocantinsensis, 329
Aguarunichthys torosus, 329
aguilerae, *Silvaichthys*, 76
agustini, *Farlowella*, 240
ahli, *Auchenoglanis*, 162
ahli, *Parauchenoglanis*, 162
Ailia, 356
Ailia affinis, 356
Ailia coila, 356
Ailia occidentalis, 360
Ailia punctata, 356
Ailia somalensis, 360
Ailichthyoides, 356
Ailiichthys, 356
Ailiichthys punctata, 356
Ailurichthys, 37
ailurus, *Pimelodus*, 205
akamai, *Micromyzon*, 61
akhtari, *Glyptosternon*, 387
akhtari, *Glyptosternum*, 387
akiri, *Anaspidoglanis*, 154
akiri, *Auchenoglanis*, 154
aky, *Epactionotus*, 236
Akyses, 12
Akysidae, 12
Akysis, 12
Akysis alfredi, 16
Akysis armatus, 98
Akysis baramensis, 16
Akysis brachybarbatus, 13
Akysis clavulus, 14
Akysis clinatus, 14
Akysis ephippifer, 14
Akysis filifer, 16
Akysis fuliginatus, 14
Akysis fuscus, 16
Akysis hendricksoni, 14
Akysis heterurus, 14
Akysis inermis, 16
Akysis kurzii, 18
Akysis leucorhynchus, 16
Akysis longifilis, 442
Akysis macronema, 16, 17
Akysis maculipinnis, 14
Akysis major, 391
Akysis meridionalis, 17
Akysis microps, 14
Akysis nitidus, 17
Akysis pictus, 14
Akysis prashadi, 14
Akysis pseudobagarius, 16, 17
Akysis recavus, 14
Akysis similis, 17
Akysis sinensis, 17
Akysis sinesis, 17
Akysis variegatus, 15
Akysis variegatus variegatus, 14
Akysis varius, 15
Akysis vespa, 15
alalnandi, *Glyptothorax*, 388
alalnandi, *Glyptothorax brevipinnis*, 388
alansensis, *Mystus*, 94
alatus, *Arius*, 53
alatus, *Hypostomus*, 251
albater, *Aspidoras*, 108
albater, *Noturus*, 211, 441
alberti, *Synodontis*, 311
albescens, *Glanidium*, 75
albicans, *Arius*, 337
albicans, *Bagrus*, 54
albicans, *Pimelodus*, 337
albicollaris, *Leiocassis*, 104
albicrux, *Trachelyopterus*, 79
albicrux, *Trachycorystes*, 79
albidus, *Arius*, 337
albidus, *Callichthys*, 128
albidus, *Pimelodus*, 40, 204
albifasciatus, *Bunocephalus*, 62
albilabris, *Bagrus*, 95
albilabris, *Paraplotosus*, 349
albilabris, *Plotosus*, 349
albinotatus, *Trichomycterus*, 414
albobocinctus, *Hemiancistrus*, 223
albofasciatus, *Pimelodus*, 337
albolineata, *Synodontis*, 311
albolineatus, *Corydoras*, 112
albolineatus, *Mystus*, 94
albolineatus, *Synodontis*, 311
albomaculatus, *Agamyxis*, 168
albomaculatus, *Doras*, 168
albomaculatus, *Panaqolus*, 277
albomaculatus, *Panaque*, 277
albomarginatus, *Cephalosilurus*, 353
albomarginatus, *Leiocassis*, 101
albomarginatus, *Pseudobagrus*, 101
albomarginatus, *Pseudopimelodus*, 353
albobunctatus, *Clarias*, 139
albobunctatus, *Hypostomus*, 251
albobunctatus, *Plecostomus*, 251
aleppensis, *Macrones*, 97
aleuropsis, *Bunocephalus*, 58
alexandri, *Lophiosilurus*, 353
alfaroi, *Rhamdia*, 199

- alfredi*, Akysis, 16
alfredi, *Pseudobagarius*, 16
alga, *Chaetostomus*, 221
alikhunii, *Horaglanis*, 152
alipionis, *Hemipsilichthys*, 262
alipionis, *Isbrueckerichthys*, 262
Allabenchelys, 137
Allabenchelys attemsi, 137
Allabenchelys brevior, 137
Allabenchelys dhonti, 142
Allabenchelys engelseni, 142
Allabenchelys laticeps, 137
Allabenchelys longicauda, 137
Allabenchelys manyangae, 137
Allabenchelys pietschmanni, 138
alleni, *Apomatoceros*, 403
alluaudi, *Clarias*, 139
aloikae, *Bunocephalus amaurus*, 58
alta, *Tympanopleura*, 69
altae, *Centromochlus*, 73
altamazonicum, *Lepthoplosternum*, 128
alternatum, *Pygidium*, 414
alternatus, *Trichomycterus*, 414
alternifasciatum, *Chaetostoma*, 227
alternus, *Ochmacanthus*, 409
alterum, *Pygidium*, 415
alterus, *Trichomycterus*, 415
altifrons, *Pangasius*, 325
altipinnis, *Auchenoglanis*, 162
altipinnis, *Eutropius*, 365
altipinnis, *Hemiloricaria*, 245
altipinnis, *Liposarcus*, 291
altipinnis, *Loricaria*, 245
altipinnis, *Parauchenoglanis*, 162
altipinnis, *Pimelodella*, 189
altipinnis, *Pimelodus*, 189
altissimus, *Pimelodus*, 337
altocorpus, *Farlowella*, 444
altus, *Silurus*, 381
alula, *Doumea*, 24
aluuensis, *Chrysichthys*, 155
alvarezi, *Gymnallabes*, 150
amandajanea, *Corydoras*, 112
amapaensis, *Corydoras*, 113
Amaralia, 57
Amaralia hypsiura, 57
Amarginops, 153
Amarginops hildae, 153
Amarginops platus, 153
amatitlanensis, *Rhamdia*, 198
amaurus, *Bunocephalus* 58
amazona, *Farlowella*, 237
amazonae, *Helogenes*, 134
amazonensis, *Parotocinclus*, 281
amazonica, *Dekeyseria*, 118
amazonica, *Loricaria*, 270
amazonicus, *Bunocephalus*, 59
amazonicus, *Dysichthys*, 59
amazonicus, *Ituglanis*, 406
amazonicus, *Trichomycterus*, 406
amazonum, *Acesta*, 237
amazonum, *Loricaria apeltogaster*, 288
amazonum, *Rhinodoras*, 170
amazonus, *Pseudohemiodon*, 288
ambiatus, *Corydoras*, 113
amblops, *Felichthys*, 79
amblops, *Trachelyopterus*, 79
Amblycepinae, 17
Amblyceps, 17, 98
Amblyceps apangi, 17
Amblyceps arnunachalensis, 17
Amblyceps caecutiens, 17, 18
Amblyceps caecutiens, 18
Amblyceps carinatum, 18
Amblyceps deyi, 17
Amblyceps foratum, 18
Amblyceps horae, 99
Amblyceps inermis, 17
Amblyceps laticeps, 18
Amblyceps macropterus, 18
Amblyceps mangois, 18
Amblyceps marginatoides, 19
Amblyceps marginatus, 19
Amblyceps mucronatum, 18
Amblyceps murraystuarti, 18
Amblyceps murray-stuarti, 18
Amblyceps platycephalus, 18
Amblyceps serratum, 18
Amblyceps tenuispinis, 18
Amblyceps variegatum, 19
Amblycipitidae, 17
Amblydoras, 168, 179
Amblydoras affinis, 168
Amblydoras bolivarensis, 168
Amblydoras gonzalezi, 168
Amblydoras monitor, 169, 169
Amblydoras nauticus, 169
Amblydoras truncatus, 168
amblyurum, *Steindachneridion*, 343
amblyurus, *Steindachneria*, 343
amboinensis, *Cryptopterus*, 369
ambrosetii, *Liposarcus*, 291
ambrosetii, *Pterygoplichthys*, 291
ambyiacus, *Auchenipterus*, 71
Ameiurina, 203
Ameiurus, 203, 204
Ameiurus brunneus, 204
Ameiurus cancellatus, 211
Ameiurus catus, 204
Ameiurus hazenensis, 204
Ameiurus lavetti, 204
Ameiurus leidyi, 204
Ameiurus macgregwi, 204
Ameiurus maconnellii, 211
Ameiurus melas, 205
Ameiurus natalis, 205
Ameiurus nebulosus, 205
Ameiurus pectinatus, 206
Ameiurus platycephalus, 206
Ameiurus primaevus, 207
Ameiurus reticulatus, 206
Ameiurus sawrockensis, 206
Ameiurus serracanthus, 206
Ameiurus vespertinus, 206
amekiensis, *Otolithus (Arius)*, 435
amemiyae, *Aoria*, 91
amemiyai, *Aoria*, 91
americanus, *Cataphractus*, 167
Amisidens, 32
Amisidens hainesi, 32
Amiurus, 204
Amiurus australis, 208
Amiurus bolli, 205
Amiurus brachyacanthus, 205
Amiurus brunneus, 204
Amiurus cragini, 205
Amiurus decorus, 210
Amiurus dugèsii, 208
Amiurus erebennus, 205
Amiurus lophius, 204
Amiurus meeki, 209
Amiurus meridionalis, 208
Amiurus mexicanus, 209
Amiurus mississippiensis, 206
Amiurus natalis analis, 205
Amiurus niveiventris, 204
Amiurus obesus, 205
Amiurus prosthistius, 205
Ammoglanis, 403
Ammoglanis diaphanus, 403
Ammoglanis pulex, 403
ammophilus, *Aphanotorulus*, 225
amphibelus, *Corydoras*, 113
Amphiliidae, 20
Amphilius, 20, 21
Amphilius atesuensis, 21
Amphilius baudoni, 21
Amphilius baudoni uniformis, 21
Amphilius baudoni var. uniformis., 21
Amphilius brevidorsalis, 23
Amphilius brevis, 21
Amphilius cryptobullatus, 21
Amphilius grammatophorus, 22, 23
Amphilius grammatophorus brevipinna, 22
Amphilius grammatophorus inaequalis, 23
Amphilius grammatophorus marmoratus, 23
Amphilius grammatophorus var. brevipinna, 23
Amphilius grammatophorus var. inaequalis, 23
Amphilius grandis, 23
Amphilius hargeri, 23

- Amphilius jacksonii*, 21
Amphilius kakrimensis, 21
Amphilius kivuensis, 21
Amphilius krefftii, 23
Amphilius lamani, 22
Amphilius lampei, 22
Amphilius laticaudatus, 22
Amphilius lentiginosus, 22
Amphilius longirostris, 22
Amphilius maesii, 22
Amphilius natalensis, 22
Amphilius nigricaudatus, 21
Amphilius nigricaudatus
multipunctata, 21
Amphilius nigricaudatus var.
multipunctata, 21
Amphilius notatus, 27
Amphilius opisthophthalmus, 22
Amphilius oxyrhinus, 23
Amphilius pictus, 21
Amphilius platychir, 22
Amphilius platychir cubangoensis, 23
Amphilius platychir var. *cubangoensis*,
 23
Amphilius pulcher, 23
Amphilius pulcher ephippiata, 23
Amphilius rheophilus, 23
Amphilius transvaaliensis, 23
Amphilius uranoscopus, 23
Amphilius zairensis, 23
amphiloxa, *Cetopsis*, 131
amphiloxus, *Hemicetopsis*, 131
amplexicauda, *Clarias*, 148
Anacanthus, 301
Anadoras, 169, 179
Anadoras grypus, 169
Anadoras regani, 169
Anadoras weddellii, 169
anale, *Chaetostoma*, 227
analis, *Amiurus natalis*, 205
analis, *Hypocolpiterus*, 227
analis, *Leiocassis (Dermocassis)*, 101
analis, *Pseudobagrus*, 101
analis, *Trachycorystes*, 80
anamalaiensis, *Glyptothorax*, 388
ananas, *Physopyxis*, 176
Anaspidoglanis, 153
Anaspidoglanis akiri, 154
Anaspidoglanis boutchangai, 154
Anaspidoglanis macrostomus, 154
Anchariidae, 29
Ancharius, 29
Ancharius brevibarbis, 29
Ancharius fuscus, 29
Ancharius griseus, 29
Ancistomus, 283
Ancistri, 216
ancistroides, *Hypostomus*, 251
ancistroides, *Plecostomus*, 251
Ancistrus, 216, 219
Ancistrus (Hemiancistrus) yaravi, 273
Ancistrus (Pseudancistrus) coquenani,
 287
Ancistrus aguaboensis, 219
Ancistrus annectens, 242
Ancistrus barrae, 272
Ancistrus baudensis, 220
Ancistrus bodenhameri, 219
Ancistrus bolivianus, 219
Ancistrus Bovallii, 267
Ancistrus brachyurus, 234
Ancistrus brevifilis, 219
Ancistrus brevifilis bodenhameri, 219
Ancistrus brevipinnis, 219
Ancistrus bufonius, 219
Ancistrus caucanus, 219
Ancistrus centrolepis, 219
Ancistrus chagresi, 220, 222
Ancistrus cirrhosus, 220
Ancistrus cirrhosus dubius, 221
Ancistrus claro, 220
Ancistrus clementinae, 220
Ancistrus cryptophthalmus, 220
Ancistrus cuiabae, 220
Ancistrus damasceni, 220
Ancistrus dolichopterus, 220
Ancistrus dubius, 221
Ancistrus erinaceus, 221
Ancistrus eustictus, 221
Ancistrus formoso, 221
Ancistrus fulvus, 221
Ancistrus füsslii, 235
Ancistrus galani, 221
Ancistrus gibbiceps, 291
Ancistrus guacharote, 225
Ancistrus guentheri, 287
Ancistrus gymnorhynchus, 221
Ancistrus heterorhynchus, 221
Ancistrus hoplogenyis, 221
Ancistrus jataiensis, 222
Ancistrus jelskii, 222
Ancistrus latifrons, 222
Ancistrus leucostictus, 222
Ancistrus lineolatus, 222
Ancistrus lithurgicus, 222
Ancistrus lituratus, 290, 291
Ancistrus longimanus, 291
Ancistrus macrophthalmus, 222
Ancistrus maculatus, 222
Ancistrus malacops, 222
Ancistrus maracasae, 223
Ancistrus martini, 223
Ancistrus mattogrossensis, 300
Ancistrus mattogrossensis, 300
Ancistrus medians, 242, 243
Ancistrus megalostomus, 223
Ancistrus melas, 220
Ancistrus minutus, 223
Ancistrus montanus, 223
Ancistrus multiradiatus alternans, 291
Ancistrus multispinis, 223
Ancistrus multispinis, 265
Ancistrus mystacinus, 265
Ancistrus nationi, 223
Ancistrus nudiceps, 223
Ancistrus occidentalis, 223
Ancistrus occlioi, 223
Ancistrus parecis, 224
Ancistrus pictus, 234, 265
Ancistrus pirareta, 224
Ancistrus piriformis, 224
Ancistrus planiceps, 264
Ancistrus ranunculus, 224
Ancistrus reisi, 224
Ancistrus salgadae, 300
Ancistrus scaphirhynchus, 234
Ancistrus snethlageae, 283, 285
Ancistrus spinosus, 224
Ancistrus stigmaticus, 224
Ancistrus tamboensis, 224
Ancistrus taunayi, 224
Ancistrus temminckii, 224
Ancistrus tombador, 225
Ancistrus trinitatis, 225
Ancistrus triradiatus, 225
Ancistrus triradiatus martini, 223
Ancistrus variolus, 225
Ancistrus verecundus, 225
Ancistrus vittatus var. *vermiculata*, 285
Ancistrus vittatus vermiculata, 285
andamanensis, *Arius*, 56
andersoni, *Liobagrus*, 19
andersoni, *Corymbophanes*, 232
Andersonia, 23
Andersonia brevior, 24
Andersonia leptura, 24
Andersonia pellegrini, 24
andersonii, *Exostoma*, 386
andersonii, *Glaridoglanis*, 386
Andinichthyidae, 30
Andinichthys, 30
Andinichthys bolivianensis, 30
Anduzedoras, 169
Anduzedoras arleoi, 169
Anduzedoras copei, 172
Anduzedoras oxyrhynchus, 169
anduzei, *Ernstichthys*, 60
anduzei, *Trachelyopterichthys*, 78
Aneistrus (Hemiancistrus) pulcher,
 234
Anemanotus, 37
anfractus, *Clarias*, 139
angeli, *Pterodoras*, 177
angelica, *Synodontis*, 311
angelicus, *Otolithus (Arius)*, 434
angelicus zonatus, *Synodontis*, 311
angelis, *Pterodoras*, 178

- angipinnatus*, *Hypostomus*, 251
angipinnatus, *Plecostomus*, 251
angius, *Pimelodus*, 359
angolensis, *Chiloglanis*, 304
angolensis, *Clarias*, 139
angolensis, *Doumea*, 25
angolensis, *Eutropius*, 363
angolensis, *Schilbe*, 363
angolensis macronema, *Chlarias*, 141
angosturae, *Farlowella*, 240
anguilla, *Ictalurus*, 210
anguilla, *Glanapteryx*, 404
anguillaris, *Clarias*, 140, 144
anguillaris, *Platystacus*, 350, 351
anguillaris, *Silurus*, 138, 140, 143
anguillaris nigeriensis, *Clarias*, 140
anguillicauda, *Liobagrus*, 19
Anguilloclarias, 139
angulatus, *Arius*, 55
angulatus, *Otolithus* (*Arius*), 435
angulicauda, *Plecostomus*, 235
angulicauda, *Delturus*, 234, 444
angusticeps, *Adelopeltis*, 107
angustifrons, *Anoplopterus*, 27
angustifrons, *Tetracamphilius*, 27
angustirostre, *Scleronema*, 413
angustirostris, *Pygidium*, 413
anisitsi, *Liposarcus*, 291
anisitsi, *Pterygoplichthys*, 291
anisitsi, *Homodiaetus*, 406
anisura, *Phenacorhamdia*, 188
anisurus, *Bagrus*, 90
anisurus, *Heptapterus*, 188
anisurus, *Pimelodus*, 98
annae, *Chaetostomus*, 297
annae, *Plecostomus*, 297
annae, *Squaliforma*, 297
annandalei, *Glyptothorax*, 388
annectens, *Acanthopoma*, 403
annectens, *Ancistrus*, 242
annectens, *Hemiancistrus*, 242
annectens, *Synodontis*, 312
Anodontiglanis, 345
Anodontiglanis dahli, 345
anomala, *Herklotsella*, 375
anomala, *Pterocryptis*, 375
anomala sovichthys, *Chaetostoma*, 230
anomaloptyx, *Parakysis*, 15
anomalum, *Chaetostoma*, 227
anomalus, *Chastostomus*, 227
Anopleutropius, 165
Anopleutropius henrici, 165
Anoplopterus, 21
Anoplopterus angustifrons, 27
Anoplopterus longirostris, 22
Anoplopterus uranoscopus, 21, 23
anostomus, *Silurus*, 374
anoterus, *Chiloglanis*, 304
Ansorgia, 360
Ansorgia vitata, 360
Ansorgia vittata, 360, 361
Ansorgia vittata bistriata, 361
ansorgii, *Chrysichthys*, 155
ansorgii, *Eutropius*, 363
ansorgii, *Parauchenoglanis*, 154
ansorgii, *Phractura*, 26
ansorgii, *Physalia*, 360
ansorgii, *Synodontis*, 312
Ansorgiichthys, 360
anteanalis, *Pareuchiloglanis*, 398
anthrax, *Lasiancistrus*, 288
anthrax, *Pseudolithoxus*, 288
antiquus, *Astephus*, 207
antiquus, *Pimelodus*, 207
antoniensis, *Pimelodus*, 205
anus, *Loricaria*, 269
anus, *Loricariichthys*, 269
Anyperistius, 347
Anyperistius perugiae, 347
aor, *Pimelodus*, 106
aor, *Sperata*, 106
aor sarwari, *Aorichthys*, 107
aorella, *Sperata*, 107
aorellus, *Bagrus*, 107
Aoria, 106
Aoria amemyiae, 91
Aoria amemyiai, 91
Aoria henryi, 100
Aoria hoi, 107
Aoria lacus, 108
Aoria rendahli, 108
Aoria virgatus, 101
Aorichthys, 106
Aorichthys aor sarwari, 107
aorides, *Bagrus*, 106
aorinus, *Bagrus*, 107
apangi, *Amblyceps*, 17
apeltogaster, *Loricaria*, 268
apeltogaster amazonum, *Loricaria*, 288
apeltogaster var. *amazonum*, *Loricaria*, 288
Aphanotorulus, 225
Aphanotorulus ammophilus, 225
Aphanotorulus frankei, 225, 226
Aphanotorulus unicolor, 225
Apistoloricaria, 226
Apistoloricaria condei, 226
Apistoloricaria laani, 226
Apistoloricaria listrorrhinos, 226
Apistoloricaria ommation, 226
apithanos, *Pseudohemiodon*, 288
Apodoglanis, 375
Apodoglanis furnessi, 375, 376
apogon, *Phalacronotus*, 374
apogon, *Silurus*, 374
Apomatoceros, 403
Apomatoceros alleni, 403
Aposturisoma, 226
Aposturisoma myriodon, 226
aprouaguensis, *Corydoras*, 113
Apuredoras, 177
Apuredoras rivasi, 177
apurensis, *Cephalosilurus*, 353
apurensis, *Pseudopimelodus*, 353
apurensis, *Sachsdoras*, 177, 178
apus, *Channallabes*, 137
apus, *Gymnallabes*, 137
aquilus, *Lophiobagrus*, 161
arab, *Plotosus*, 351
arabi, *Synodontis*, 321
arafurensis, *Arius*, 49
araguaiaensis, *Corydoras*, 113
araguayensis, *Galeichthys*, 339
aralensis, *Silurus glanis*, 379
arcana, *Cetopsis*, 131
arcifer, *Callichthys*, 111
arcuatus, *Corydoras*, 113
arcuatus, *Gogo*, 29
arcuatus, *Rhineastes*, 207
areio, *Corydoras*, 113
arekaima, *Pimelodus*, 334
arenaria, *Peckoltia*, 284
arenarius, *Arius*, 34
arenarius, *Bagrus* (*Ariodes*), 34
arenarius, *Hemiancistrus*, 284
arenatus, *Arius*, 39
arenatus, *Cathorops*, 39
areolatus, *Trichomycterus*, 415
Argeini, 63
argentata, *Silurus* (*Clupisoma*), 357
argenteus, *Arius*, 56
argenteus, *Neosilurus*, 345
argenteus, *Pimelodus*, 53
argenteus, *Plotosus*, 345
argenteus, *Porochilus*, 345
argentina, *Corydoras punctatus*, 122
argentina, *Megalonema*, 335
argentina, *Perugia*, 335
argentinus, *Arius*, 428
argentinus, *Silurus*, 209
argentivittatus, *Macrones*, 100
argentivittatus, *Pelteobagrus*, 100
Arges, 63
Arges boulengeri, 63
Arges brachycephalus, 63
Arges chotae, 63
Arges cirratus, 64
Arges eigenmanni, 64
Arges festae, 64
Arges fissidens, 64
Arges heterodon, 64
Arges homodon, 64
Arges longifilis, 65
Arges marmoratus, 65
Arges orientalis, 65
Arges peruanus, 66

- Arges regani*, 66
Arges retropinna, 66
Arges sabalo, 63, 67
Arges simonsii, 67
Arges stübeli, 67
Arges taczanowskii, 67
Arges theresiae, 67
Arges vaillanti, 67
Arges whymperi, 68
argus, *Hypostomus*, 251
argus, *Plecostomus*, 251
argyropleuron, *Arius*, 51
argyropleuron, *Plicofollis*, 51
argyrus, *Pimelodus*, 209
Arii, 30
Ariidae, 30
Ariodes, 34
Ariodes aeneus, 49
Ariodes macrocephalus, 51
Arius tonggol, 52
Arioida, 429, 432
arioides, *Bagrus*, 40, 54
Ariopsis, 32
Ariopsis, 428
Ariopsis aegyptiacus, 428
Ariopsis assimilis, 33
Ariopsis bonillai, 33
Ariopsis felis, 33
Ariopsis guatemalensis, 33
Ariopsis lentiginosa, 33
Ariopsis robertsi, 48
Ariopsis seemanni, 33
Ariopsis peyeria, 432
aripuanensis, *Parotocinclus*, 281
Aristommata, 249
Aristommata inexpectata, 249, 250
Aristotelis, *Glanis*, 378
aristotelis, *Silurus*, 378
aristotelis, *Silurus (Parasilurus)*, 378
Arius, 30, 34
Arius (?) bartonensis, 56
Arius (Hemiaris) carinatus, 42
Arius (Hemiaris) danielsi, 42
Arius (Hemiaris) nudidens, 56
Arius acrocephalus, 47
Arius acutirostris, 31
Arius acutivelis, 155, 158
Arius acutus, 51
Arius aequibarbis, 55
Arius africana, 31
Arius alatus, 53
Arius albicans, 337
Arius albidus, 337
Arius andamanensis, 56
Arius angulatus, 55
Arius arafurensis, 49
Arius arenarius, 34
Arius arenatus, 39
Arius argenteus, 56
Arius argentinus, 428
Arius argyropleuron, 51
Arius arius, 34
Arius armiger, 46
Arius assimilis, 33, 434
Arius augustus, 46
Arius australis, 47
Arius baroni, 434
Arius Belangerii, 54
Arius bicolor, 34
Arius bleekeri, 46
Arius boakeii, 34
Arius bonneti, 36, 56
Arius borneënsis, 56
Arius Brandtii, 54
Arius brevirostris, 31
Arius brunellii, 31
Arius Buchanani, 34
Arius burmanicus, 42
Arius cacharioides, 166
Arius caelatooides, 55
Arius caelatus, 46
Arius Capellonis, 32
Arius cavatus, 435
Arius caerulescens, 33
Arius chondropterygioides, 55
Arius chondropterygius, 55
Arius clavispinosus, 36
Arius cleptolepis, 47
Arius clijpeaster, 55
Arius clypeastroides, 55
Arius coatesi, 47
Arius cochinchinensis, 34
Arius cookei, 50
Arius cous, 31
Arius crassus, 435
Arius crossocheilus, 52
Arius cruciger, 106
Arius curtisii, 47
Arius dasycephalus, 39
Arius dayi, 49
Arius despaxi, 36
Arius Dieperinki, 32
Arius digulensis, 47
Arius dioctes, 44
Arius dispar, 34
Arius doriae, 41
Arius dussumieri, 52
Arius Dutemplei, 56
Arius egertoni, 56
Arius egertoni belgicus, 56
Arius elatturus, 50
Arius equestris, 33
Arius falcarius, 34
Arius falcarius africana, 31
Arius falcarius var. africana, 31
Arius fangii, 34
Arius festae, 56
Arius festinus, 34
Arius fissus, 39
Arius Fraasi, 56
Arius froggatti, 42
Arius Fürthii, 39
Arius gagara, 34
Arius gagoroides, 35
Arius gigas, 31, 56
Arius goniaspis, 52
Arius graeffei, 47
Arius grandicassis, 49, 50
Arius grandoculis, 53
Arius granducolis, 53
Arius granosus, 54
Arius granulatus, 32
Arius guatemalensis, 33
Arius hainesi, 32
Arius hamiltoni, 51
Arius hardenbergi, 36
Arius hastatus, 105
Arius Heckelii, 55
Arius heudelotii, 31
Arius heward-belli, 56
Arius hypophthalmus, 39, 40
Arius iheringi, 343
Arius insculptus, 50
Arius insidiator, 45
Arius jella, 36
Arius kanganamanensis, 39
Arius Kessleri, 50
Arius kirkii, 52
Arius kitsoni, 56
Arius kutchensis, 56
Arius laeviceps, 55
Arius lagoensis, 31
Arius laticeps, 41
Arius latirostris, 47
Arius laticutatus, 31
Arius layardi, 51
Arius leiototocephalus, 52
Arius lemoinei, 432
Arius leptonotacanthus, 34
Arius longibarbis, 334
Arius luniscutis, 36
Arius macracanthus, 36
Arius macrocephalus, 51
Arius macronotacanthus, 47
Arius macruopterygius, 55
Arius maculatus, 34, 35
Arius madagascariensis, 35
Arius magatensis, 52
Arius malabaricus, 35
Arius manillensis, 35
Arius manjong, 55
Arius mastersi, 45
Arius melanochir, 41
Arius melanopterygius, 56
Arius melanopus, 40
Arius mercatoris, 31
Arius microcephalus, 35

- Arius microgastropterygius*, 55
Arius micronotacanthus, 55
Arius micropterus, 166
Arius microstomus, 39
Arius micruropterygius, 36
Arius midgleyi, 47
Arius militaris, 51
Arius molliceps, 55
Arius multiradiatus, 40
Arius nasutus, 49
Arius neogranatensis, 50
Arius nigricans, 54
Arius nox, 38, 39
Arius nuchalis, 41
Arius nucleus, 57
Arius obesus, 81
Arius oetik, 35
Arius oncina, 75
Arius oncinus, 75
Arius osculus, 50
Arius papillosus, 165
Arius parkii, 32
Arius parmocassis, 50
Arius parvipinnis, 47
Arius paucus, 48
Arius pavimentatus, 105
Arius pectoralis, 48
Arius phrygiatus, 32
Arius physacanthus, 36
Arius pidada, 55
Arius planiceps, 50
Arius platypogon, 54
Arius platystomus, 52
Arius pleurops, 39
Arius polystaphylodon, 52
Arius proximus, 48, 49
Arius pumilus, 386
Arius puncticulatus, 41
Arius quadriscutis, 37
Arius ritoides, 106
Arius robertsi, 48
Arius rostratus, 55
Arius rugispinis, 32
Arius russi, 57
Arius rutschi, 435
Arius sagoroides, 45
Arius satparanus, 56
Arius schlegeli, 56
Arius sciurus, 35
Arius seemanni, 33
Arius serratus, 49
Arius similis, 434
Arius sinensis, 55
Arius solidus, 39
Arius spatula, 42, 43
Arius squalus, 166
Arius stauroforus, 32
Arius stirlingi, 46
Arius stricticassis, 50
Arius subrostratus, 35
Arius sumatranus, 36
Arius synodon, 166
Arius taylori, 40, 48
Arius tenuispinis, 52, 56
Arius tonggol, 52
Arius truncatus, 43
Arius tuyra, 40
Arius uncinatus, 36
Arius utarus, 48
Arius utik, 35
Arius vandeli, 50
Arius variolosus, 41
Arius venosus, 36
Arius verrucosus, 45
Arius villosus, 166
Arius viviparus, 55
arleoi, *Anduzedoras*, 169
arleoi, *Pygidium*, 415
arleoi*, *Trichomycterus, 415
armatulus, *Doras*, 176
armatulus*, *Platydoras, 176
armatus, *Ageneiosus*, 68, 69
armatus, *Akysis*, 98
armatus, *Callichthys*, 113
armatus*, *Corydoras, 113
armatus, *Macrones*, 94
armatus*, *Microsynodontis, 309
armatus*, *Mystus, 94, 98
armatus*, *Nanobagrus, 98
armatus, *Silurus*, 177
armbrusteri*, *Notarius, 440
armeniacum, *Glyptosternum*, 388
armeniacus*, *Glyptothorax, 388
armiger, *Arius*, 46
armiger*, *Mystus, 94
armiger*, *Nemapteryx, 46
armillatus*, *Pariolius, 188
arnoldi, *Otocinclus*, 271
arnoulti*, *Synodontis, 312
arnunachalensis*, *Amblyceps, 17
artedii, *Platystoma*, 341
ascita*, *Erethistoides, 384
ascita, *Mystus*, 177
ascita, *Silurus*, 54
asopos*, *Mastiglanis, 187
asotus, *Parasilurus*, 379
asotus*, *Silurus, 378, 381
asotus longus, *Parasilurus*, 379
asper, *Callichthys*, 110, 167
aspera*, *Rhinelepis, 293
asperatus*, *Hypostomus, 251
asperispinis*, *Lophiobagrus, 161
asperus, *Pimelodus*, 395
Aspidobagrus, 395
aspidolepis, *Chaetostomus*, 242
aspidolepis*, *Hemiancistrus, 242
Aspidoradidi, 108
Aspidoras, 108
Aspidoras albater, 108
Aspidoras belenos, 108
Aspidoras brunneus, 109
Aspidoras carvalhoi, 109
Aspidoras depinnai, 109
Aspidoras eurycephalus, 109
Aspidoras fuscoguttatus, 109
Aspidoras lakoi, 109
Aspidoras maculosus, 109
Aspidoras menezesi, 109
Aspidoras microgalaeus, 109
Aspidoras pauciradiatus, 109
Aspidoras poecilus, 109
Aspidoras psammaites, 110
Aspidoras raimundi, 110
Aspidoras rochai, 110
Aspidoras spilolus, 110
Aspidoras taurus, 110
Aspidoras velites, 110
Aspidoras virgulatus, 110
aspilogaster*, *Hypostomus, 251
aspilogaster, *Plecostomus*, 251
Aspistor, 36
Aspistor hardenbergi, 36
Aspistor luniscutis, 36
Aspistor parkeri, 36
Aspistor quadriscutis, 37
Aspredinichthys, 57
Aspredinichthys filamentosus, 57
Aspredinichthys tibicen, 58
Aspredinidae, 57
aspredinoides*, *Myoglanis, 187
Aspredo, 57, 58
Aspredo aspredo, 58
Aspredo batrachus, 58
Aspredo filamentosus, 57
Aspredo gronovii, 58, 60
Aspredo sexcirrhis, 61
Aspredo sicuephorus, 58
Aspredo sicyeporus, 58
Aspredo spectrum, 61
Aspredo tibicen, 57, 58
Aspredo verrucosa, 60
aspredo*, *Aspredo, 58
aspredo, *Silurus*, 58
assamensis, *Clarias*, 148
assamensis*, *Nangra, 396
assimilis*, *Ariopsis, 33
assimilis, *Arius*, 33
astatodon, *Atopochilus*, 308
astatodon*, *Euchilichthys, 308
Astemomycterus, 411
Astephinae, 203
Astephus, 203, 207
Astephus antiquus, 207
Astephus resimus, 207
asterifrons*, *Astrodoras, 170
asterifrons, *Doras*, 169, 170
Asterophysis, 68

- Asterophysus*, 68, 70
Asterophysus batrachus, 70
Astroblepidae, 63
 Astroblepiformes, 63
Astroblepus, 63
Astroblepus boulengeri, 63
Astroblepus brachycephalus, 63
Astroblepus caquetae, 63
Astroblepus chapmani, 63
Astroblepus chimborazoi, 63
Astroblepus chotae, 63
Astroblepus cirratus, 64
Astroblepus cyclopus, 64
Astroblepus cyclopus santanderensis, 67
Astroblepus eigenmanni, 64
Astroblepus festae, 64
Astroblepus fissidens, 64
Astroblepus formosus, 64
Astroblepus frenatus, 64
Astroblepus grixalvii, 64
Astroblepus grixalvii micrescens, 65
Astroblepus guentheri, 64
Astroblepus heterodon, 64
Astroblepus homodon, 64
Astroblepus jurubidae, 65
Astroblepus labialis, 65
Astroblepus latidens, 65
Astroblepus longiceps, 65
Astroblepus longifilis, 65
Astroblepus mancoi, 65
Astroblepus mariae, 65
Astroblepus marmoratus, 65
Astroblepus micrescens, 65
Astroblepus mindoensis, 65
Astroblepus nicefori, 65
Astroblepus nicéfori, 65
Astroblepus orientalis, 65
Astroblepus peruanus, 66
Astroblepus phelpsi, 66
Astroblepus pholeter, 66
Astroblepus pirrensis, 66
Astroblepus praeliorum, 66
Astroblepus prenadillus, 66
Astroblepus regani, 66
Astroblepus rengifoii, 66
Astroblepus retropinnus, 66
Astroblepus riberiae, 66
Astroblepus rosei, 66
Astroblepus sabalo, 67
Astroblepus santanderensis, 67
Astroblepus simonsii, 67
Astroblepus stuebeli, 67
Astroblepus supramollis, 67
Astroblepus taczanowskii, 67
Astroblepus theresiae, 67
Astroblepus trifasciatus, 67
Astroblepus ubidiai, 67
Astroblepus unifasciatus, 67
Astroblepus vaillanti, 67
Astroblepus vanceae, 67
Astroblepus ventralis, 68
Astroblepus whymeri, 68
Astrodoras, 169
Astrodoras asterifrons, 170
 Astrophysi, 68
 Astrophysus, 70
asymetricaudalis, **Chiloglanis**, 304
atahualpa, **Paracetopsis**, 135
atavus, *Silurus glanis*, 382
ater, *Cossyphus*, 139, 148
ater, **Galeichthys**, 43
ater, **Microglanis**, 354
ater, **Neosilurus**, 347
ater sepikensis, *Lambertichthys*, 347
aterrima, **Synodontis**, 312
aterrimus, **Synodontis**, 312
atesuensis, **Amphilius**, 21
atherinoides, **Neotropius**, 359
atherinoides, *Silurus*, 359
atherinoides walkeri, *Pseudeutropius*, 359
athiensis, **Chiloglanis**, 304
athu, *Silurus*, 380
atochae, *Pygidium*, 423
Atopochilus, 303
Atopochilus astatodon, 308
Atopochilus chabanaudi, 303
Atopochilus christyi, 303
Atopochilus güntneri, 309
Atopochilus macrocephalus, 303
Atopochilus mandevillei, 304
Atopochilus pachychilus, 304
Atopochilus savorgnani, 304
Atopochilus vogti, 304
atra, *Lambertia*, 347
atrarius, *Pimelodus*, 205
atratoensis, **Dolichancistrus**, 235
atratoensis, **Spatuloricaria**, 296
atratoensis, *Pseudancistrus*, 235
atribranchus, **Dinopterus**, 148
atrifasciatus, **Mystus**, 94
atripes, *Trachydoras*, 179
atripinnis, *Hemipimelodus*, 34
atrizona, **Hoplomyzon**, 61
atrobrunneus, **Pimelodus**, 337
atronasus, **Ageneiosus**, 68
atropersonatus, **Corydoras**, 113
atropinnis, **Hypostomus**, 251
atropilumbeus, **Tachysurus**, 32
atrorus, *Schilbeodes marginatus*, 213
attemsi, *Allabenchelys*, 137
attemsi, **Clariallabes**, 137
attu, *Silurus*, 380
attu, **Wallago**, 380
attu, *Wallagonia*, 381
attu valeya, **Wallago**, 381
aubentoni, **Mystus**, 91
Auchenauglanis macrostom, 154
Auchenaspis, 154
Auchenipterichthys, 71
Auchenipterichthys coracoideus, 71
Auchenipterichthys dantei, 71
Auchenipterichthys longimanus, 71
Auchenipterichthys punctatus, 71
Auchenipterichthys thoracatus, 71
Auchenipteridae, 68
 Auchenipterini, 68
Auchenipterus, 68, 71
Auchenipterus (Pseudauchenipterus) affinis, 76
Auchenipterus (Pseudauchenipterus) Jequitinhonhae, 76
Auchenipterus (Pseudauchenipterus) striatulus, 80
Auchenipterus (Pseudepapterus) hasemani, 76
Auchenipterus ambyiacus, 71
Auchenipterus brachyurus, 72
Auchenipterus brevibarbis, 80
Auchenipterus brevior, 72
Auchenipterus britskii, 72
Auchenipterus ceratophysus, 79
Auchenipterus demerarae, 72
Auchenipterus dentatus, 72
Auchenipterus fordicei, 72
Auchenipterus furcatus, 76
Auchenipterus glaber, 80
Auchenipterus Heckelii, 73
Auchenipterus immaculatus, 80
Auchenipterus insignis, 79
Auchenipterus isacanthus, 80
Auchenipterus lacustris, 79
Auchenipterus longimanus, 71
Auchenipterus maculosus, 79
Auchenipterus Magdalena, 79
Auchenipterus menezesi, 72
Auchenipterus nigripinnis, 72
Auchenipterus nuchalis, 72
Auchenipterus obscurus, 81
Auchenipterus osteomystax, 72
Auchenipterus paysanduanus, 72
Auchenipterus punctatus, 71
Auchenipterus robustus, 80
Auchenipterus thoracatus, 71
Auchenipterus thoracicus, 71
Auchenipterus trachycorystes, 80, 81
 Auchenoglanidinae, 153
Auchenoglanis, 153, 154
Auchenoglanis acuticeps, 154
Auchenoglanis ahli, 162
Auchenoglanis akiri, 154
Auchenoglanis altipinnis, 162
Auchenoglanis ballayi, 162
Auchenoglanis ballayi gravoti, 162
Auchenoglanis ballayi var. gravoti, 162

- Auchenoglanis biscutatus*, 154
Auchenoglanis büttikoferi, 163
Auchenoglanis fasciatus, 163
Auchenoglanis grandis, 163
Auchenoglanis iturii, 163
Auchenoglanis longiceps, 163
Auchenoglanis macrostoma, 154
Auchenoglanis maculosus, 163
Auchenoglanis monkei, 163
Auchenoglanis ngamensis, 163
Auchenoglanis occidentalis, 154
Auchenoglanis occidentalis tanganicanus, 154
Auchenoglanis occidentalis tchadiensis, 154
Auchenoglanis occidentalis var. *tanganicanus*, 154
Auchenoglanis occidentalis var. *tchadiensis*, 154
Auchenoglanis pantherinus, 163
Auchenoglanis pietschmanni, 162
Auchenoglanis pulcher, 162
Auchenoglanis punctatus, 163
Auchenoglanis ubangensis, 162
Auchenoglanis Wittei, 154
Auchenopterus, 71
augierasi, *Synodontis*, 314
augusta, *Nemapteryx*, 46
augustus, *Arius*, 46
aulometopon, *Netuma*, 56
aulopygia, *Tatia*, 77
aulopygius, *Centromochlus*, 77
aurantiacus, *Bagrus*, 101
aurantiacus, *Hypostomus*, 278
aurantiacus, *Parancistrus*, 278
aurantiacus, *Pseudobagrus*, 101, 108
aurata, *Hemiloricaria*, 245
auratus, *Bagrus*, 155
auratus, *Chrysichthys*, 155, 158, 160
auratus, *Pimelodus*, 155
auratus, *Porcus*, 155
auratus, *Schilbe*, 364
aurea, *Loricaria*, 298
aureatus, *Scobinancistrus*, 296
aureum, *Sturisoma*, 298
auritus, *Siluranodon*, 366
auritus, *Silurus*, 366
aurofrenatus, *Corydoras*, 113
auroguttatus, *Hypostomus*, 251
auroguttatus, *Trichomycterus*, 415
australe, *Corydoras*, 60
australe, *Dysichthys*, 118
australis, *Amiurus*, 208
australis, *Arius*, 47
australis, *Ictalurus*, 208
australis, *Pimelodella*, 189
australis, *Neosilurus*, 347, 348
austriacus, *Heterobranchus*, 382
Austroglanididae, 81
Austroglanis, 81
Austroglanis barnardi, 81
Austroglanis gilli, 81
Austroglanis sclateri, 81
Autanadoras, 178
Autanadoras milesi, 178, 179
avanhandavae, *Pimelodella*, 189
axelrodi, *Corydoras*, 113
axillaris, *Ageniosus*, 69
Ayarnangra, 382
Ayarnangra estuarius, 382
aymarae, *Rhamdella*, 196
azureus, *Galeichthys*, 33
azygia, *Farlowella*, 238
azygolechis, *Hemipsilichthys*, 279
azygolechis, *Pareiorhaphis*, 279
B
bachi, *Chaetostomus*, 284
bachi, *Oxydoras*, 174
bachi, *Peckoltia*, 284
Bachmannia, 428
Bachmannia chabutensis, 428
baculum, *Encheloclarias*, 149
badeli, *Trachycorystes insignis*, 80
baderi, *Corydoras*, 113
Bagarina, 382
Bagarius, 382, 383
Bagarius bagarius, 383
Bagarius Buchanani, 383
Bagarius gigas, 383
Bagarius lica, 383
Bagarius Nieuwenhuisii, 383
Bagarius rutilus, 383
Bagarius suchus, 383
Bagarius yarrelli, 383
bagarius, *Bagarius*, 383
bagarius, *Pimelodus*, 383
Bagre, 30, 37
Bagre bagre, 37, 97
Bagre marinus, 37
Bagre panamensis, 38
Bagre pinnimaculatus, 38
bagre, *Bagre*, 37, 97
bagre, *Silurus*, 37, 38
bagre, *Stearopterus*, 37
Bagreidae, 30
Bagrichthyes, 81
Bagrichthyoidei, 81
Bagrichthys, 81, 82
Bagrichthys hypselopterus, 82
Bagrichthys macracanthus, 82
Bagrichthys macropterus, 82
Bagrichthys majusculus, 83
Bagrichthys micranodus, 83
Bagrichthys obscurus, 83
Bagrichthys vaillantii, 83
Bagridae, 81
Bagroides, 82, 83
Bagroides, 83
Bagroides macracanthus, 82
Bagroides macropterus, 82, 83
Bagroides melanopterus, 83
Bagroides melapterus, 83
Bagroides melapterus, 83
Bagroides Vaillantii, 83
Bagroidinae, 82
Bagropsis, 329
Bagropsis reinhardti, 329
Bagrus, 81, 83
Bagrus (Ariodes) arenarius, 34
Bagrus (Ariodes) Meyenii, 52
Bagrus (Bagrus) ramentosus, 108
Bagrus (Sciades) emphysetus, 53, 54
Bagrus (Sciades) pictus, 334
Bagrus abbreviatus, 95
Bagrus Adansonii, 365
Bagrus affinis, 85, 107
Bagrus agricolus, 107
Bagrus albicans, 54
Bagrus albilabris, 95
Bagrus anisurus, 90
Bagrus aorellus, 107
Bagrus aorides, 106
Bagrus aorinus, 107
Bagrus arioides, 40, 54
Bagrus aurantiacus, 101
Bagrus auratus, 155
Bagrus bajad, 83
Bagrus barbatus, 44
Bagrus bayad macropterus, 83
Bagrus bayad var. *macropterus*, 84
Bagrus bilineatus, 49
Bagrus Birmanus, 95
Bagrus bouderius, 165
Bagrus buchani, 361
Bagrus caeruleus, 84
Bagrus capensis, 43
Bagrus capito, 155
Bagrus carchariorhynchus, 49
Bagrus chinta, 431
Bagrus corsula, 89
Bagrus couma, 53
Bagrus crinalis, 55
Bagrus degeni, 84
Bagrus depressirostris, 364
Bagrus docmac niger, 84
Bagrus docmak, 84, 313
Bagrus doroides, 45
Bagrus exodon, 359
Bagrus filamentosus, 84
Bagrus flavicans, 344
Bagrus flavus, 90
Bagrus fuscus, 95
Bagrus gagarides, 35
Bagrus genidens, 43, 44
Bagrus goliath, 331
Bagrus gulioides, 95
Bagrus Halepensis, 93, 94, 96, 97

- Bagrus heterurus*, 97
Bagrus hoevenii, 88
Bagrus hypselopterus, 82
Bagrus Javensis, 45
Bagrus Keletius, 98
Bagrus koenigi, 84
Bagrus laevigatus, 49
Bagrus Lamarrii, 106, 107
Bagrus leucophasis, 96
Bagrus limbatus, 107
Bagrus lonah, 391
Bagrus lubosicus, 84
Bagrus macronemus, 37, 97
Bagrus macronemus, 93, 97
Bagrus Malabaricus, 96
Bagrus maurus, 158
Bagrus melas, 95
Bagrus meridionalis, 84
Bagrus mesops, 53
Bagrus micracanthus, 96
Bagrus micropogon, 92, 93
Bagrus montanus, 96
Bagrus nemurus, 87, 90
Bagrus netuma, 48, 49
Bagrus nigriceps, 96
Bagrus nigrita, 160
Bagrus nigropunctatus, 340
Bagrus oculatus, 96
Bagrus orientalis, 84
Bagrus passany, 54
Bagrus pemecus, 53
Bagrus planiceps, 90
Bagrus poecilopterus, 93
Bagrus proops, 54
Bagrus punctatus, 91
Bagrus punctulatus, 331, 339, 340
Bagrus reticulatus, 330, 331
Bagrus rhodonotus, 49
Bagrus rhodopterygius, 95
Bagrus rousseauxii, 331
Bagrus schilbeides, 362, 365
Bagrus Schlegelii, 36, 95
Bagrus shuwaicensis, 84
Bagrus Sieboldii, 90
Bagrus sinensis, 108
Bagrus singlarigan, 97
Bagrus sondaicus, 45
Bagrus stenomus, 103, 104
Bagrus sumatranus, 36
Bagrus temminckianus, 55
Bagrus Temminckii, 55
Bagrus thalassinus, 49
Bagrus trachacanthus, 89
Bagrus trachipomus, 55
Bagrus ubangensis, 84
Bagrus urostigma, 84
Bagrus ussuriensis, 92, 100
Bagrus vachellii, 101
Bagrus venaticus, 55
Bagrus vertagus, 55
Bagrus wolffii, 98
Bagrus Wyckii, 91
Bagrus Yarrelli, 383
bahianus, *Corymbophanes*, 279
bahianus, *Pareiorhaphis*, 279
bahianus, *Pimelodus*, 195
bahianus, *Trichomycterus*, 415
bahiensis, *Galeichthys*, 38
bahiensis, *Kalyptodoras*, 172
bahiensis, *Microlepidogaster*, 281
bahiensis, *Parotocinclus*, 281
bahuaja, *Crossoloricaria*, 232
baileyi, *Noturus*, 211
bajad, *Bagrus*, 83
bajad, *Silurus*, 83
balayi, *Parauchenoglanis*, 162
balayi, *Pimelodus*, 162
ballayi, *Auchenoglanis*, 162
ballayi gravoti, *Auchenoglanis*, 162
ballayi var. gravoti, *Auchenoglanis*, 162
balsanus, *Ictalurus*, 208
balsanus, *Istlarius*, 208
balsanus occidentalis, *Istlarius*, 208
Balzanii, *Vandellia*, 427
bambui, *Ituglanis*, 406
banguela, *Homodiaetus*, 406
banguelensis, *Eutropius*, 363
banguelensis, *Schilbe*, 363
bankae, *Chaca*, 135
bankanensis, *Chaca*, 135
banneai, *Pygidium*, 415
banneai, *Trichomycterus*, 415
banneai maracaiboensis, *Pygidium*, 420
barakensis, *Pterocryptis*, 441
barakensis, *Sisor*, 402
baramensis, *Akysis*, 16
baramensis, *Hemibagrus*, 87
baramensis, *Kryptopterus*, 369
baramensis, *Liocassis*, 93
baramensis, *Macrones*, 87
baramensis, *Pseudobagarius*, 16
barbancho, *Pimelodus*, 339
barbarmatus, *Dentectus*, 235
barbata, *Loricaria*, 298, 299
barbata, *Microcambeva*, 409
barbata, *Rhamdia*, 201
barbatula, *Trichomycterus*, 422
barbatum, *Sturisoma*, 299
barbatus, *Bagrus*, 44
barbatus, *Callichthys*, 129
barbatus, *Hypostomus*, 286, 287
barbatus, *Malapterurus*, 301
barbatus, *Platysilurus*, 340
barbatus, *Pseudancistrus*, 287
barbatus, *Scleromystax*, 129
barbatus, *Xyliphius*, 62
barbonica, *Laimumena*, 431, 432
barbouri, *Pygidium*, 415
barbouri, *Trichomycterus*, 415
barbus, *Genidens*, 44
barbus, *Pimelodus*, 44
barnardi, *Austroglanis*, 81
barnardi, *Gephyroglanis*, 81
baroni, *Arius*, 434
Baronis Mülleri, *Pimelodus* (*Rhamdia*), 201
barrae, *Ancistrus*, 272
barrae, *Megalancistrus*, 272
barranquerensis, *Ageneiosus*, 69
bartonensis, *Arius bartonensis*, 56
bartonensis, *Otolithus* (*Arius*) *crassus*, 434
bartonensis, *Otolithus* (*Arius*) *danicus*, 434
bartoni, *Neosilurus*, 347
Baryancistrus, 226
Baryancistrus demantoides, 226
Baryancistrus longipinnis, 227
Baryancistrus niveatus, 227
basilewskii, *Silurichthys*, 381
bastari, *Clupisoma*, 357
bastiani, *Synodontis*, 312
batarensis, *Pseudotropius murius*, 357
Batasinae, 81
Batasio, 81, 84
Batasio affinis, 85
Batasio batasio, 85, 86
Batasio buchanaui, 84, 85
Batasio dayi, 85
Batasio elongatus, 85
Batasio fasciolatus, 442
Batasio havmolleri, 85
Batasio macronotus, 85
Batasio merianiensis, 85
Batasio niger, 445
Batasio pakistanicus, 85
Batasio sharavatiensis, 86
Batasio spilurus, 442
Batasio tengana, 86, 442
Batasio tigrinus, 86
Batasio travancoria, 86
batasio, *Batasio*, 85, 86
batasio, *Pimelodus*, 85
batasius, *Pimelodus*, 85, 98
batensoda, *Brachysynodontis*, 304
batensoda, *Synodontis*, 304
Batesi longispinis, *Synodontis*, 316
Batesi var. longispinis, *Synodontis*, 316
batesii, *Chiloglanis*, 304
batesii, *Microsynodontis*, 309
batesii, *Synodontis*, 312
Bathophilus, 412
Bathybagrus, 154
Bathybagrus tetranema, 154, 155

Bathycetopsis, 131
Bathycetopsis oliveirai, 131, 132
Bathyclarias, 136, 148
Bathyclarias euryodon, 136
Bathyclarias filicibarbis, 148
Bathyclarias gigas, 149
Bathyclarias ileisi, 136
Bathyclarias longibarbis, 136
Bathyclarias loweae, 149
Bathyclarias rotundifrons, 136
Bathyclarias worthingtoni, 136
Bathypygidium, 412
bathyrurus, *Pimelodus*, 201
 Batrachocephalinae, 30
Batrachocephalus, 30, 38
Batrachocephalus ageneiosus, 38
Batrachocephalus micropogon, 38
Batrachocephalus mino, 38
Batrachoglanis, 352
batrachostoma, *Gyrinurus*, 409
batrachostoma, *Ochmacanthus*, 409
batrachus, *Aspredo*, 58
batrachus, *Asterophysus*, 70
batrachus, *Clarias*, 140
batrachus, *Silurus*, 140
Batrochoglanis, 352
Batrochoglanis acanthochiroides, 352
Batrochoglanis melanurus, 353
Batrochoglanis raninus, 353
Batrochoglanis transmontanus, 353
Batrochoglanis villosus, 353
batu, *Clarias*, 140
baudensis, *Ancistrus*, 220
baudoensis, *Cetopsis*, 131
baudoënsis, *Pseudocetopsis*, 131
baudoni, *Amphilius*, 21
baudoni uniformis, *Amphilius*, 21
baudoni var. *uniformis*, *Amphilius*, 21
bayad, *Porcus*, 83
bayad macropterus, *Porcus*, 83
bayad var. *macropterus*, *Porcus*, 84
Beadlei, *Synechoglanis*, 207, 210
beani, *Pangasius*, 328
beccarii, *Vandellia*, 427
bedado, *Pangasius*, 325
bedfordi, *Silurus*, 379
Belangerii, *Arius*, 54
beldti, *Cryptopterella*, 369, 371
belenos, *Aspidoras*, 108
belensis, *Trichomycterus*, 415
belgicus, *Arius egertoni*, 56
Belodontichthys, 368
Belodontichthys dinema, 368
Belodontichthys javanensis, 381
Belodontichthys macrochir, 368
Belodontichthys truncatus, 368
Belonoglanis, 24
Belonoglanis brieni, 24
Belonoglanis curvirostris, 24
Belonoglanis nudipectus, 24
Belonoglanis tenuis, 24
benderensis, *Ictalurus*, 206
benedettii, *Nannorhamdia*, 198
beninensis, *Malapterurus*, 301
bengalensis, *Malapterus (Ailia)*, 356
beni, *Hemiloricaria*, 245
beni, *Lepthoplosternum*, 128
beni, *Loricaria*, 245
benjamini, *Entomocorus*, 74
benuensis, *Chiloglanis*, 305
berdmorei, *Exostoma*, 385
berdmorei, *Pterocryptis*, 376, 377
Berdmorei, *Silurichthys*, 376
Bergiaria, 329
Bergiaria platana, 330
Bergiaria westermanni, 330
Bergiella, 329
Bergiella platana, 330
berneyi, *Nearius*, 47
berneyi, *Tachysurus (Pararius)*, 47
bernhardi, *Hemipimelodus*, 39
bertoni, *Branchioica*, 410
bertoni, *Corydoras*, 130
bertonii, *Branchioica*, 410
bicarinatus, *Chaenothorax*, 111, 125
bicirrhis, *Kryptopterus*, 369
bicirrhis, *Silurus*, 369
bicirrosus, *Plecostomus*, 259
bicolor, *Arius*, 34
bicolor, *Bunocephalus*, 59
bicolor, *Corydoras*, 114
bicolor, *Hemipimelodus*, 34
bicolor, *Leiocassis*, 104
bicolor, *Phractocephalus*, 336
bicolor, *Pirarara*, 336
bidentatus, *Parotocinclus*, 282
bidorsalis, *Clarotes*, 160
bidorsalis, *Heterobranchus*, 150
bifasciata, *Taunayia*, 203
bifasciatus, *Corydoras*, 114
bifasciatus, *Nannoglanis*, 203
biffi, *Notarius*, 49
bifidus, *Bunocephalus*, 59
bifurcus, *Chiloglanis*, 305
bilineata, *Netuma*, 49
bilineatus, *Bagrus*, 49
bilineatus, *Corydoras*, 114
bilineatus, *Epactionotus*, 236
bilineatus, *Pimelodus*, 107
bilobatum, *Hypoptopoma*, 250
bimaculatus, *Macrones*, 94
bimaculatus, *Mystus*, 94
bimaculatus, *Ompok*, 372
bimaculatus, *Silurus*, 372
binotata, *Synodontis notatus*, 318
binotatus, *Ompok*, 372
Birmannus, *Bagrus*, 95
biscutatus, *Auchenoglanis*, 154
biscutatus, *Pimelodus*, 154
biseriata, *Squaliforma*, 297
biseriatus, *Plecostomus*, 297
bistriata, *Ansorgia vittata*, 361
biwaensis, *Parasilurus*, 379
biwaensis, *Silurus*, 379
bleekeri, *Arius*, 46
bleekeri, *Cryptopterus*, 374
bleekeri, *Heptapterus*, 184
bleekeri, *Macrones*, 89, 94
bleekeri, *Micronema*, 374
bleekeri, *Mystus*, 94
bleekeri, *Nemapteryx*, 46
bleekeri, *Paracetopsis*, 134
bleekeri, *Phalacronotus*, 374
blochi, *Corydoras*, 114
blochi vittatus, *Corydoras*, 126
Blochii, *Cotylephorus*, 61
blochii, *Doras*, 167
Blochii, *Galeichthys*, 38
Blochii, *Osteogeneiosus*, 51
blochii, *Pimelodus*, 336, 337
blohmi, *Epapterus*, 74
Blythii, *Exostoma*, 396
Blythii, *Macrones*, 85
blythii, *Myersglanis*, 396
bo, *Macrones*, 88
boakeii, *Arius*, 34
boalis, *Silurus*, 380
bocagii, *Chrysichthys*, 155
Bocagii, *Eutropius*, 363
bocagii, *Schilbe*, 363
bockmanni, *Glanidium*, 75
bocourti, *Heterobagrus*, 94
bocourti, *Mystus*, 94
bocourti, *Pangasius*, 325
Bocourti, *Pangasius*
 (*Pseudopangasius*), 325
bodenhameri, *Ancistrus*, 219
boehlkei, *Corydoras*, 114
boehlkei, *Rhinodoras*, 178
boemia, *Tatia*, 77
boesemani, *Corydoras*, 114
bogotense, *Pygidium*, 415
bogotensis, *Trichomycterus*, 415
bokorensis, *Penesilurus*, 376
bokorensis, *Pterocryptis*, 376
bolivarensis, *Amblydoras*, 168
bolivarensis, *Hildadoras*, 168
boliviana, *Farlowella*, 238
boliviana, *Phenacorhamdia*, 188
boliviana, *Pimelodella*, 189
boliviana, *Xenocara*, 219
bolivianensis, *Andinichthys*, 30
bolivianus, *Ancistrus*, 219
bolivianus, *Corydoras*, 117
bolivianus, *Hypostomus*, 252
bolivianus, *Imparfinis*, 188
bolivianus, *Plecostomus*, 252

- bolli*, *Amiurus*, 205
bolteni, *Callichthys callichthys*, 111
bomae, *Eutropius*, 363
bomboides*, *Pseudomystus, 103
bomboizanum, *Pygidium*, 416
bomboizanus*, *Trichomycterus, 416
bondi, *Acanthopoma*, 413
bondi*, *Corydoras, 114
bondi*, *Schultzichthys, 413
bondi coppenamensis, *Corydoras*, 115
bongan*, *Hemibagrus, 87
bongan, *Macrones*, 87
bonillai*, *Ariopsis, 33
bonillai, *Galeichthys*, 33
bonneti, *Arius*, 36, 56
boquillae, *Cetopsorhamdia*, 181
borealis, *Silurus (Pimelodus)*, 210
borellii, *Hypostomus*, 252
borellii, *Plecostomus*, 252
borellii*, *Trichomycterus, 416
borneensis, *Callichrous (Silurodes)*, 372
borneensis*, *Cephalocassis, 41, 42
borneensis*, *Ompok, 372
borneënsis, *Arius*, 56
borneënsis, *Pimelodus*, 41
borodini*, *Imparfinis, 185
bororo*, *Otocinclus, 274
börressoni, *Chrysichthys*, 156
bortayro*, *Silvinichthys, 413
boschmai*, *Pimelodella, 190
bostocki*, *Tandanus, 352
bostockii, *Cnidoglanis*, 346
boticario*, *Listrura, 408
botius*, *Glyptothorax, 388
botius, *Pimelodus*, 388
Boucardi, *Pimelodus*, 201
bouderius, *Bagrus*, 165
bouderius*, *Cranoglanis, 165
bouillon, *Leptoglanis*, 164
boujardi*, *Lithoxus, 267
boulengeri, *Arges*, 63,
boulengeri, *Astroblepus*, 63
boulengeri, *Euchilichthys*, 309
boulengeri, *Hemidoras*, 175
boulengeri, *Hemidoras (Leptodoras)*, 175
boulengeri*, *Heterobranchus, 151
boulengeri*, *Hypostomus, 252
boulengeri*, *Opsodoras, 172, 175
boulengeri, *Plecostomus*, 252
bourguyi, *Microlepidogaster*, 300
boutchangai*, *Anaspidoglanis, 154
boutchangai, *Parauchenoglanis*, 154
bouvieri, *Schilbe*, 364
bovallii, *Ancistrus*, 267
bovallii*, *Lithoxus, 267
bovei, *Peltura*, 26
bovei*, *Phractura, 26
boylei, *Pygidium*, 416
boylei*, *Trichomycterus, 416
brachiatus*, *Centrodoras, 170
brachiatus, *Doras*, 170
Brachspondylus cretaceus, 432
brachyacanthus, *Amiurus*, 205
brachybarbatus*, *Akysis, 13
brachycephalus, *Arges*, 63
brachycephalus*, *Astroblepus, 63
brachycephalus, *Pimelodus*, 198
Brachyglanis, 180
Brachyglanis frenata, 180
Brachyglanis frenatus, 180
Brachyglanis magoi, 180
Brachyglanis melas, 181
Brachyglanis microphthalmus, 181
Brachyglanis nocturnus, 181
Brachyglanis phalacra, 181
Brachymystus, 87
brachynema*, *Chrysichthys, 155
brachynema, *Chasmocranus*, 182
brachynemus*, *Chasmocranus, 182
Brachyplatystoma, 329, 330
Brachyplatystoma capapretum, 330
Brachyplatystoma filamentosum, 330
Brachyplatystoma goeldii, 330
Brachyplatystoma juruense, 331
Brachyplatystoma paraense, 331
Brachyplatystoma parnahybae, 331
Brachyplatystoma platynema, 331
Brachyplatystoma platynemum, 331
Brachyplatystoma promagdalenae, 331
Brachyplatystoma rousseauxii, 331
Brachyplatystoma tigrinum, 331
Brachyplatystoma vaillantii, 331
Brachyplatystomatini, 329
brachypterus, *Eutropius*, 362
brachypterus*, *Pseudeutropius, 362
brachypterus, *Pimelodus (Rhamdia)*, 198
Brachyrhamdia, 181
Brachyrhamdia heteropleura, 181
Brachyrhamdia imitator, 181
Brachyrhamdia marthae, 181
Brachyrhamdia meesi, 181
Brachyrhamdia rambarrani, 181
brachyrhyncha*, *Pareiorhina, 281
brachysoma*, *Clarias, 140
brachysoma, *Horabagrus*, 429
brachysoma, *Pseudobagrus*, 429
brachysoma*, *Pseudexostoma, 401
Brachyspondylus, 432
Brachyspondylus indicus, 326
Brachyspondylus saropterix, 82
Brachystacus, 135
Brachysynodontis, 304
Brachysynodontis batensoda, 304
brachyura*, *Dekeyseria, 234
brachyurus, *Ancistrus*, 234
brachyurus*, *Auchenipterus, 72
brachyurus, *Euanemus*, 72
Branchioica, 410
Branchioica bertonii, 410
Branchioica bertonii, 410
Branchioica magdalenae, 411
Branchioica phaneronema, 411
Branchiosteus, 17
Brandtii, *Arius*, 54
branickii*, *Chaetostoma, 228
branickii, *Chaetostomus*, 228
branneri, *Rhamdia*, 201
branneri voulezi, *Rhamdia*, 201
bransfordi, *Loricaria*, 240
bransfordii, *Rhamdia*, 201
brashnikowi, *Leiocassis*, 100
brashnikowi, *Macrones (Leiocassis)*, 100
brashnikowi*, *Pelteobagrus, 100
brasiliensis, *Caecorhamdella*, 189, 190
brasiliensis*, *Pimelodella, 190, 192
brasiliensis, *Pimelodus (Pseudorhamdia)*, 192
brasiliensis, *Plecostomus*, 259
brasiliensis*, *Trichomycterus, 416
brasiliensis itaiyayae, *Trichomycterus*, 419
brasiliensis tristis, *Trichomycterus*, 416
braueri, *Hemiancistrus*, 284
braueri*, *Peckoltia, 284
breei*, *Corydoras, 114
Breitensteinia, 15
Breitensteinia cessator, 15
Breitensteinia hypselurus, 15
Breitensteinia insignis, 15
breve*, *Chaetostoma, 228
brevianalis, *Eutropius*, 363
brevianalis*, *Pseudobagrus, 101
brevianalis*, *Schilbe, 363
brevibarbis, *Ancharius*, 29
brevibarbis, *Auchenipterus*, 80
brevibarbis*, *Chiloglanis, 305
brevibarbis, *Chrysobagrus*, 155, 156
brevibarbis*, *Clariallabes, 137
brevibarbis*, *Gogo, 29
brevibarbus, *Plotosus*, 351
brevicauda*, *Hypostomus, 252
brevicauda*, *Phractura, 26
brevicauda, *Plecostomus*, 252
brevicaudatus, *Leiocassis*, 102
brevicaudatus*, *Pseudobagrus, 102
Brevicephaloides, 139
Breviceps, 37
breviceps, *Clarias*, 141
breviceps, *Liocassis*, 103
breviceps*, *Pimelodella, 190
breviceps, *Pimelodus*, 190

- breviceps*, *Pseudomystus*, 103
brevicorpus, *Coreobagrus*, 86
brevadorsalis, *Amphilius*, 23
brevadorsalis, *Copidoglanis*, 347
brevadorsalis, *Neosilurus*, 347
brevifilis, *Ageneiosus*, 68, 69
brevifilis, *Ancistrus*, 219
brevifilis bodenhameri, *Ancistrus*, 219
Breviglanis, 180
brevilabiatum, *Chaetostoma*, 228
brevilabiatum, *Chaetostomus*, 228
brevinuchalis, *Clarias*, 140
brevior, *Allabencheleys*, 137
brevior, *Andersonia*, 24
brevior, *Auchenipterus*, 72
brevior, *Chasmocranus*, 182
brevipinna, *Amphilius*
grammatophorus, 22
brevipinna, *Amphilius*
grammatophorus var., 23
brevipinnis, *Ancistrus*, 219
brevipinnis, *Glyptothorax*, 388
brevipinnis, *Xenocara*, 219
brevipinnis alaknandi, *Glyptothorax*,
388
brevirostre, *Sturisoma*, 299
brevirostris, *Arius*, 31
brevirostris, *Corydoras*, 114
brevirostris, *Loricaria*, 299
brevirostris, *Loricaria* (*Rineloricaria*),
298
brevis, *Ageneiosus*, 69
brevis, *Amphilius*, 21
brevis, *Chaetostomus*, 228
brevis, *Delturus*, 443
brevis, *Doras* (*Corydoras*), 179
brevis, *Hemiancistrus*, 284
brevis, *Hypostomus*, 252
brevis, *Leptoglanis*, 28
brevis, *Mochocus*, 310
brevis, *Mochokus*, 310
brevis, *Peckoltia*, 284
brevis, *Pimelodus*, 337
brevis, *Plecostomus*, 252
brevis, *Trachydoras*, 179
brevis, *Tridens*, 426
brevis, *Tridensimilis*, 426
brevis, *Zaireichthys*, 28
brevispinis, *Lasiancistrus*, 287
brevispinis, *Lophiobagrus*, 161
brevispinis, *Pseudancistrus*, 287
brevitentaculatus, *Hypostomus*, 291
brichardi, *Phyllonemus*, 164
brichardi, *Synodontis*, 312
brieni, *Belonoglanis*, 24
britskii, *Auchenipterus*, 72
britskii, *Brochis*, 114
britskii, *Corydoras*, 114
britskii, *Parotocinclus*, 282
broadbenti, *Tachysurus*, 51
Brochiloricaria, 227
Brochiloricaria chauliodon, 227
Brochiloricaria macrodon, 227
Brochis, 111
Brochis britskii, 114
Brochis coeruleus, 111, 125
Brochis dipterus, 111, 125
Brochis multiradiatus, 120
Brochis splendens, 125
Brontes, 63
Brontes prenadilla, 63, 66
brunellii, *Arius*, 31
brunnea, *Loricaria*, 269
brunnea, *Tatia*, 77
brunnescens, *Doras*, 168
brunneus, *Ameiurus*, 204
brunneus, *Amiurus*, 204
brunneus, *Aspidoras*, 109
brunneus, *Loricariichthys*, 269
Brustiarius, 38
Brustiarius nox, 38
Brustiarius solidus, 39
buccata, *Pterocryptis*, 376
bucculenta, *Nangra*, 396
Buchanani, *Arius*, 34
Buchanani, *Bagarius*, 383
buchanani, *Bagrus*, 361
Buchanani, *Batasio*, 84, 85
buchanani, *Chaca*, 136
buchanani, *Glyptothorax*, 388
buchanani, *Hara*, 395
Buchanani, *Nangra*, 397
Buchanani, *Pangasius*, 325, 327
buchanani, *Proeutropiichthys*, 361
buchanani, *Rama*, 105
Buchanani, *Rita*, 105, 106
Bucklandium, 432
Bucklandium diluvii, 432, 433
buckleyi, *Pimelodella*, 190
buckleyi, *Pimelodus*, 190
budgetti, *Clarias*, 140
budgetti, *Synodontis*, 312
buettikoferi, *Clarias*, 140
buettikoferi, *Parauchenoglanis*, 163
buffei, *Eutropiellus*, 361
buffei, *Pareutropius* 360
bufonia, *Xenocara*, 219
bufonius, *Ancistrus*, 219
bufonius, *Pimelodus*, 355
bufonius, *Pseudopimelodus*, 355
bufonius, *Xenocara*, 219
bullocki, *Hatcheria*, 404
Bullockia, 403
Bullockia maldonadoi, 404
bulumae, *Clarias*, 140
Bunocephalichthys, 58
Bunocephalichthys gronovii, 60
Bunocephalini, 57
Bunocephalus, 57, 58
Bunocephalus albifasciatus, 62
Bunocephalus aleuropsis, 58
Bunocephalus amaurus, 58
Bunocephalus amaurus aloikae, 58
Bunocephalus amaurus sipaliwini, 58
Bunocephalus amazonicus, 59
Bunocephalus bicolor, 59
Bunocephalus bifidus, 59
Bunocephalus carvalhoi, 59
Bunocephalus chamaizelus, 59
Bunocephalus colombianus, 59
Bunocephalus coracoideus, 59
Bunocephalus depressus, 62
Bunocephalus dolichurus, 62
Bunocephalus doriae, 59
Bunocephalus haggini, 59
Bunocephalus hypsiurus, 57
Bunocephalus iheringii, 59
Bunocephalus knerii, 59
Bunocephalus larai, 59
Bunocephalus melas, 58
Bunocephalus minutus, 59
Bunocephalus quadriradiatus, 60
Bunocephalus retropinnis, 59
Bunocephalus rugosus, 60
Bunocephalus salatheii, 59
Bunocephalus scabriceps, 58, 60
Bunocephalus verrucosus, 60
burgessi, *Corydoras*, 114
burgini, *Pangasius*, 326
burmanensis, *Pterocryptis*, 376
burmanensis, *Silurus*, 376
burmanica, *Cochlelefelis*, 42
burmanica, *Olyra*, 99
burmanicus, *Arius*, 42
burmanicus, *Glyptothorax*, 388
burmanicus, *Proeutropiichthys*
taakree, 362
burmannicus, *Eutropiichthys*, 358
Burmeisteri, *Pygidium*, 405
burmensis, *Chaca*, 135
butantanis, *Plecostomus margaritifer*,
256
butcheri, *Pseudopimelodus villosus*,
352
buthupogon, *Clarias*, 141
butleri, *Paraplotosus*, 349
Büttikoferi, *Acrochordonichthys*, 13
Büttikoferi, *Auchenoglanis*, 163
Büttikoferi, *Clarias*, 141
Büttikoferi, *Chrysiichthys*, 158
C
cabrerae, *Rhamdia*, 198
cacerensis, *Hemiloricaria*, 245
cacerensis, *Loricaria*, 245
cacharioides, *Arius*, 166
cadeae, *Loricaria*, 294
cadeae, *Rineloricaria*, 293

- Caecorhamdella*, 189
Caecorhamdella brasiliensis, 189, 192
Caecorhamdia, 197
Caecorhamdia urichi, 197, 202
caecutiens, *Amblyceps*, 17, 18
Caelatoglanis, 382, 383
Caelatoglanis zonatus, 383
caelata, *Nemapteryx*, 46
caelatus, *Arius*, 46
caelatoides, *Arius*, 55
caerulescens, *Pimelodus*, 81
caeruleus, *Bagrus*, 84
caerulorostri, *Platypogon*, 339, 340
caesius, *Plotosus*, 350
caesius, *Propimelodus*, 443
cahuali, *Tridentopsis*, 426
cahyensis, *Ituglanis*, 444
caiapo, *Cetopsis*, 131
Cainosilurus, 347
calamita, *Hypostomus*, 219
Calichthys, 110
caliense, *Pygidium*, 416
caliensis, *Trichomycterus*, 416
callarias, *Silurus*, 313
Callichrous, 371
Callichrous (Silurodes) borneensis, 372
Callichrous ceylonensis, 372
Callichrous egertonii, 374
Callichrous eugeneiatus, 369
Callichrous nigrescens, 374
Callichrous notatus, 374
Callichrous Sindensis, 373
Callichrous weberi, 373
Callichthini, 108
Callichthyidae, 108
Callichthys, 108, 110
Callichthys adspersus, 127
Callichthys affinis, 111
Callichthys albidus, 128
Callichthys arcifer, 111
Callichthys armatus, 113
Callichthys asper, 110, 167
Callichthys barbatus, 129
Callichthys callichthys, 110
Callichthys callichthys bolteni, 111
Callichthys callichthys demararae, 111
Callichthys chiquitos, 128
Callichthys exaratus, 129
Callichthys fabricioi, 111
Callichthys hemiphractus, 111
Callichthys kneri, 111
Callichthys laevigatus, 127
Callichthys littoralis, 127
Callichthys longifilis, 129
Callichthys loricatus, 111
Callichthys melampterus, 127, 128
Callichthys oibaensis, 111
Callichthys paleatus, 122
Callichthys pectoralis, 128
Callichthys pictus, 129
Callichthys serralabium, 111
Callichthys splendens, 125
Callichthys sulcatus, 129
Callichthys taiosh, 125
Callichthys tamoata, 111
Callichthys thoracatus, 129
callichthys, *Callichthys*, 110
callichthys bolteni, *Callichthys*, 111
callichthys demararae, *Callichthys*, 111
Callomystax, 385
Callomystax Schmidtii, 392
callopterus, *Glyptothorax*, 388
calmoni, *Hemipsilichthys*, 279
Calophysinae, 329
Calophysus, 329, 332
Calophysus macropterus, 332
calvarius, *Silurus*, 99, 100
calvus, *Isbrueckerichthys*, 441
calvus, *Rhineastes*, 207
camaronensis, *Chrysichthys*, 158
camelopardalis, *Synodontis*, 312
cameronensis, *Chiloglanis*, 305
cameronensis, *Chrysichthys*, 158
cameronensis, *Clarias*, 144
cameronensis, *Eutropius*, 365
cameroni, *Hemipsilichthys*, 279
cameroni, *Pareiorhaphis*, 279
cameroni, *Psilichthys*, 247, 279
camerunensis, *Clarias*, 139, 141, 144
camerunensis, *Leptoglanis*, 28
camerunensis, *Zaireichthys*, 28
camposensis, *Diplomystes*, 165
camposi, *Eremophilus*, 408
camposi, *Listrura*, 408
canaliferus, *Otothyris*, 275, 276
canarensis, *Mystus*, 96
cancellatus, *Ameiurus*, 211
candidus, *Eremophilus*, 416
candidus, *Trichomycterus*, 416
candiru, *Cetopsis*, 131
candombe, *Hisonotus*, 440
canensis, *Acanthicus*, 266
canensis, *Leptoancistrus*, 266
canio, *Silurus*, 373, 374
canius, *Plotosus*, 350
Canthopomus, 289
Canthopomus montebelloi, 263
Cantonensis, *Pimelodus*, 431
cantoris, *Osteogeneiosus*, 51
capapretum, *Brachyplatystoma*, 330
caparary, *Sorubim*, 341
Capellonis, *Arius*, 32
capensis, *Bagrus*, 43
capensis, *Clarias*, 143
capetensis, *Dasylicaria*, 233
capetensis, *Loricaria*, 233
capito, *Bagrus*, 155
capitulum, *Macrones fortis*, 88
caquetae, *Astroblepus*, 63
caquetae, *Corydoras*, 119
caquetae, *Euacanthagenys*, 296
caquetae, *Harttia*, 300
caquetae, *Hemiancistrus*, 265
caquetae, *Loricaria*, 296
caquetae, *Spatuloricaria*, 296
caquetae, *Sturisomaticthys*, 300
caracasensis, *Hemiloricaria*, 244, 245
caracassensis, *Hemiloricaria*, 245
carachama, *Monistancistrus*, 289
carcharhinoides, *Nangra*, 396
carchariorhynchus, *Bagrus*, 49
carcio, *Pimelodus*, 85, 98
carinata, *Farlowella*, 237
carinata, *Loricaria*, 268
carinata, *Oxyropsis*, 276
carinata, *Trewavasia*, 433
carinatum, *Amblyceps*, 18
carinatum, *Hypoptopoma*, 276
carinatus, *Arius (Hemiaris)*, 42
carinatus, *Cinetodus*, 42
carinatus, *Doras*, 171, 173
carinatus, *Hypostomus*, 252
carinatus, *Plecostomus*, 252
carinatus, *Silurus*, 170, 171
carinatus, *Xenopholis*, 433
Carinotus, 234
carinotus, *Delturus*, 235
carinotus, *Plecostomus (Carinotus)*, 234, 235
carlae, *Corydoras*, 115
Carnaticus, *Pimelodus*, 383
carnegiei, *Dolichancistrus*, 235
carnegiei, *Pseudancistrus*, 235
carnosus, *Chiloglanis*, 305
carnosus, *Pseudomystus*, 103
carolinensis, *Mystus*, 37
carrancas, *Pareiorhina*, 281
carrioni, *Lipoptericthys*, 266, 267
carsonii, *Clarias*, 145
carvalhoi, *Aspidoras*, 109
carvalhoi, *Bunocephalus*, 59
carvalhoi, *Harttia*, 240
carvalhoi, *Hypostomus*, 252
carvalhoi, *Plecostomus*, 252
Cascadura, 108, 127
Cascadura maculocephala, 127, 128
Cascaduridi, 108
cashibo, *Loricaria*, 270
cashibo, *Loricariichthys*, 270
castanea, *Loricaria*, 270
castaneoides, *Plotosus*, 351
castaneo-ventris, *Doras*, 168
castaneus, *Helogenes*, 134
castaneus, *Leyvaichthys*, 134, 407
castaneus, *Loricariichthys*, 270

- castaneus*, *Mystus*, 94
castaneus, *Plotosus*, 351
castelnaui, *Hemiloricaria*, 265
castroi, *Hemiloricaria*, 245
castroi, *Rineloricaria*, 245
castroi, *Trichomycterus*, 416
catamarcensis, *Loricaria*, 294
catamarcensis, *Rineloricaria*, 294
catamarcensis, *Trichomycterus*, 416
cataniai, *Leptodoras*, 172
cataphracta, *Loricaria*, 268, 270
Cataphractops, 127
Cataphractus, 110, 167
Cataphractus americanus, 167
Cataphractus callichthys, 111
Cataphractus depressus, 111
Cataphractus punctatus, 111, 123
cataphractus, *Plecostomus*, 270
cataphractus, *Silurus*, 167, 168
cataractus, *Clarias*, 141
cataractus, *Phagorus*, 141
Catastoma, 48
catharinensis, *Glanidium*, 75
Cathorops, 39
Cathorops agassizii, 39
Cathorops aguadulce, 39
Cathorops arenatus, 39
Cathorops dasycephalus, 39
Cathorops fuerthii, 39
Cathorops hypophthalmus, 40
Cathorops mapale, 40
Cathorops melanopus, 40
Cathorops multiradiatus, 40
Cathorops spixii, 40
Cathorops steindachneri, 40
Cathorops tuyra, 40
catulus, *Pimelodus*, 205
catus, *Ameiurus*, 204
catus, *Silurus*, 204
caucanus, *Ageneiosus*, 70
caucanus, *Ancistrus*, 219
caucanus, *Lasiancistrus*, 264
caudalis, *Synodontis*, 312
cauda-furcatus, *Pimelodus*, 209
caudimaculatus, *Corydoras*, 115
caudofasciatus, *Trichomycterus*, 416
caudivittatus, *Paradoxoglanis*, 302
caudovittata, *Synodontis*, 312
caudovittatus, *Synodontis*, 313
cavalliensis, *Malapterurus*, 301
cavasius, *Pimelodus*, 95
cavasius, *Mystus*, 95
cavatica, *Peckoltia*, 284
cavatura, *Erethistoides*, 384
cavatus, *Arius*, 435
caveatus, *Hemibagrus*, 87
cavernicola, *Clarias*, 141
cavia, *Glyptothorax*, 388
cavia, *Pimelodus*, 388
- caxarari*, *Otocinclus*, 274
cayennae, *Hoplosternum thoracatum*, 128
cæcutiens, *Amblyceps*, 18
cæcutiens, *Silurus*, 131
cælatus, *Arius*, 46
cælatus, *Callichthys*, 111
cærulescens, *Arius*, 33
cærulescens, *Pimelodus*, 81
cearensis, *Parotocinclus*, 282
celsae, *Trichomycterus*, 416
cenia, *Gagata*, 386
cenia, *Pimelodus*, 386
centralis, *Clariallabes*, 137
centralis, *Clarias*, 137
centralis, *Synodontis*, 313
centralus, *Hemibagrus*, 87
Centranodon japonicus, 379
Centrochir, 170
Centrochir crocodili, 170
Centrochirinae, 166
Centrodoras, 170
Centrodoras brachiatus, 170
Centrodoras hasemani, 170
centrolepis, *Ancistrus*, 219
Centromochli, 68
Centromochlus, 68, 73
Centromochlus (*Gephyromochlus*)
leopardus, 75
Centromochlus altae, 73
Centromochlus aulopygius, 77
Centromochlus concolor, 73
Centromochlus creutzbergi, 77
Centromochlus dunni, 77
Centromochlus existimatus, 73
Centromochlus gyrynus, 77
Centromochlus heckelii, 73
Centromochlus intermedius, 77
Centromochlus macracanthus, 73
Centromochlus megalops, 73
Centromochlus perugiae, 73
Centromochlus punctatus, 73
Centromochlus reticulatus, 73
Centromochlus romani, 73
Centromochlus schultzi, 73
Centromochlus Steindachneri, 73
Centrophorus, 411
cephalacanthus, *Otocinclus*, 276
cephalaspis, *Crossoloricaria*, 232
Cephalocassis, 41
Cephalocassis borneensis, 41, 42
Cephalocassis jatia, 41
Cephalocassis manillensis, 41
Cephalocassis melanochir, 41
Cephalocassis Stormii, 44, 45
Cephalosilurus, 353
Cephalosilurus albomarginatus, 353
Cephalosilurus apurensis, 353
Cephalosilurus fowleri, 353
- Cephalosilurus nigricaudus**, 353
Ceratocheilus, 71
Ceratocheilus osteomystax, 71, 72
Ceratoglanis, 368
Ceratoglanis pachynema, 368
Ceratoglanis pachynemus, 368
Ceratoglanis scleronemus, 368
ceratophysus, *Auchenipterus*, 79
ceratophysus, *Trachelyopterus*, 79
Ceratorhynchus, 68
cerosus, *Hemipsilichthys*, 279
cerosus, *Pareiorhaphis*, 279
Cerulescens, *Pimelodus*, 211
Cerulescens, *Silurus*, 207, 208, 211
cerulescens melanurus, *Silurus*, 209
cerulescens var. *melanurus*, *Silurus*, 209
cervinus, *Corydoras*, 115
cesarpintoi, *Glanidium*, 75
cesarpintoi, *Paraotocinclus*, 282
cesarpintoi, *Parotocinclus*, 282
cessator, *Breitensteinia*, 15
Cetopagansius, 324
Cetopangasius, 324
Cetopangasius chaetobranchus, 324
Cetopsidae, 130
Cetopsidium, 130
Cetopsidium ferreirai, 130
Cetopsidium minutum, 130
Cetopsidium morenoi, 130
Cetopsidium orientale, 130
Cetopsidium pemon, 131
Cetopsidium roae, 131
Cetopsini, 130
Cetopsis, 130, 131
Cetopsis amphiloza, 131
Cetopsis arcana, 131
Cetopsis baudoensis, 131
Cetopsis caiapo, 131
Cetopsis candiru, 131
Cetopsis chalmersi, 132
Cetopsis coecutiens, 131
Cetopsis fimbriata, 132
Cetopsis gobioides, 131, 132
Cetopsis jurubidae, 132
Cetopsis macroteronema, 133
Cetopsis montana, 132
Cetopsis motatanensis, 132
Cetopsis occidentalis, 134, 135
Cetopsis oliveirai, 132
Cetopsis orinoco, 132
Cetopsis othonops, 132
Cetopsis parma, 132
Cetopsis pearsoni, 132
Cetopsis plumbea, 133
Cetopsis plumbeus, 133
Cetopsis sandrae, 133
Cetopsis sarcodes, 133
Cetopsis Spixii, 131

- Cetopsis starnesi*, 133
Cetopsis umbrosa, 133
Cetopsis ventralis, 135
Cetopsogiton, 135
Cetopsorhamdia, 181
Cetopsorhamdia boquillae, 181
Cetopsorhamdia filamentosa, 182
Cetopsorhamdia iheringi, 182
Cetopsorhamdia insidiosa, 182
Cetopsorhamdia molinae, 182
Cetopsorhamdia nasus, 181, 182
Cetopsorhamdia orinoco, 182
Cetopsorhamdia phantasia, 182
Cetopsorhamdia picklei, 182
Cetopsorhamdia pijpersi, 186
Cetopsorhamdia shermani, 182
ceylonensis, *Callichrous*, 372
chabanaudi, *Atopochilus*, 303
chaberti, *Trichomycterus*, 417
chabutensis, *Bachmannia*, 428
Chaca, 135
Chaca bankae, 135
Chaca bankanensis, 135
Chaca burmensis, 135
Chaca chaca, 136
Chaca hamiltonii, 135, 136
Chaca lophioides, 135, 136
chaca, *Chaca*, 136
chaca, *Platystacus*, 135, 136
Chacidae, 135
Chacini, 135
Chaenothorax, 111
Chaenothorax bicarinatus, 111, 125
Chaenothorax eigenmanni, 125
Chaenothorax multiradiatus, 120
chaetobranchus, *Cetopangasius*, 324
Chaetostoma, 227
Chaetostoma aburrense, 227
Chaetostoma aequinoctiale, 227
Chaetostoma alternifasciatum, 227
Chaetostoma anale, 227
Chaetostoma anomala sovichthys, 230
Chaetostoma anomalum, 227
Chaetostoma branickii, 228
Chaetostoma breve, 228
Chaetostoma brevilabiatum, 228
Chaetostoma changae, 444
Chaetostoma daidalmatos, 444
Chaetostoma dermorhynchum, 228
Chaetostoma dorsale, 228
Chaetostoma dupouii, 228
Chaetostoma fischeri, 228
Chaetostoma greeni, 228
Chaetostoma guairense, 228
Chaetostoma jegui, 228
Chaetostoma lepturum, 229
Chaetostoma leucomelas, 229
Chaetostoma lineopunctata, 229
Chaetostoma lineopunctatum, 229
Chaetostoma loborhynchus, 227, 229
Chaetostoma machiquense, 229
Chaetostoma machiquensis, 229
Chaetostoma marcapatae, 229
Chaetostoma marginatum, 229
Chaetostoma marmorescens, 229
Chaetostoma microps, 229
Chaetostoma milesi, 229
Chaetostoma mollinasum, 230
Chaetostoma niveum, 230
Chaetostoma nudirostre, 230
Chaetostoma palmeri, 230
Chaetostoma patiae, 230
Chaetostoma paucispinis, 230
Chaetostoma pearsei, 230
Chaetostoma sericeum, 230
Chaetostoma sovichthys, 230
Chaetostoma stannii, 230
Chaetostoma stroumpoulos, 444
Chaetostoma tachiraense, 230
Chaetostoma tachiraensis, 230
Chaetostoma taczanowskii, 231
Chaetostoma thomsoni, 231
Chaetostoma vagum, 231
Chaetostoma vasquezi, 231
Chaetostoma venezuelae, 231
Chaetostoma yurubiense, 231
Chaetostomidi, 217
Chaetostomus, 217
Chaetostomus (Ancistrus) cirrhosus maculatus, 222
Chaetostomus (Ancistrus) cirrhosus punctata, 222
Chaetostomus (Ancistrus) cirrhosus var. maculatus, 222
Chaetostomus (Ancistrus) cirrhosus var. punctata, 222
Chaetostomus aculeatus, 272
Chaetostomus aequinoctialis, 227
Chaetostomus alga, 221
Chaetostomus annae, 297
Chaetostomus anomalus, 227
Chaetostomus aspidolepis, 242
Chaetostomus bachi, 284
Chaetostomus branickii, 228
Chaetostomus brevilabiatus, 228
Chaetostomus brevis, 228
Chaetostomus cirrhosus var. maculata, 228
Chaetostomus cochliodon, 278
Chaetostomus dentex, 277
Chaetostomus depressus, 287
Chaetostomus dermorhynchus, 228
Chaetostomus dorsalis, 228
Chaetostomus eptingi, 253
Chaetostomus Fischeri, 228
Chaetostomus Fordii, 286
Chaetostomus furcatus, 284
Chaetostomus gibbosus, 278
Chaetostomus gigas, 272
Chaetostomus guairensis, 228
Chaetostomus heteracanthus, 264, 265
Chaetostomus hoplogenyis, 221
Chaetostomus Jelskii, 222
Chaetostomus latifrons, 219, 222
Chaetostomus lepturus, 229
Chaetostomus leucomelas, 229
Chaetostomus leucostictus, 222
Chaetostomus macrops, 243
Chaetostomus maculatus, 228
Chaetostomus malacops, 222
Chaetostomus marcapatae, 229
Chaetostomus marginatus, 229
Chaetostomus megacephalus, 244
Chaetostomus microps, 229
Chaetostomus milesi, 229
Chaetostomus mollinasus, 230
Chaetostomus nigrolineatus, 277, 278
Chaetostomus nudirostris, 230
Chaetostomus oligospilus, 284
Chaetostomus palmeri, 230
Chaetostomus paucispinis, 230
Chaetostomus pearsei, 230
Chaetostomus platycephalus, 231
Chaetostomus punctatissimus, 274
Chaetostomus schomburgkii, 265
Chaetostomus sericeus, 230
Chaetostomus setosus, 235
Chaetostomus Stannii, 230
Chaetostomus Taczanowskii, 231
Chaetostomus tectirostris, 221
Chaetostomus thomsoni, 231
Chaetostomus trinitatis, 225
Chaetostomus undecimalis, 292
Chaetostomus vagus, 231
Chaetostomus variolus, 225
Chaetostomus vittatus, 283, 285
chagresi, *Ancistrus*, 220, 222
chagresi, *Pimelodella*, 190
Chagresi, *Pimelodus* (*Pseudorhamdia*), 190
chagresi odynea, *Pimelodella*, 193
chalmersi, *Cetopsis*, 132
chamaeleon, *Acrochordonichthys*, 12
chamaeleon, *Sosia*, 12
Chamaigenes, 57
chamaizelus, *Bunocephalus*, 59
Chandramara, 86
Chandramara chandramara, 86, 105
chandramara, *Chandramara*, 86, 105
chandramara, *Pimelodus*, 86
chandramara, *Rama*, 86
changae, *Chaetostoma*, 444
changae, *Panaqolus*, 277
changae, *Panaque*, 277
changi, *Pseudobagrus*, 103
chanjoo, *Loricariichthys*, 270
chanjoo, *Parahemiodon*, 270

- Channallabes*, 137
Channallabes apus, 137
chantrei, *Silurus*, 379
chaparae, *Pimelodella*, 190
chaparae, *Plecostomus*, 226
Chaperi, *Diastatomycter*, 368
chapini, *Acanthocleithron*, 303
chapmani, *Astroblepus*, 63
chapmani, *Cyclopium*, 63
chapmani, *Pygidium*, 417
chapmani, *Trichomycterus*, 417
chappuisi, *Doumea*, 25
chaquensis, *Epapterus*, 74
charmuth, *Macropteronotus*, 138, 148
charrua, *Hisonotus*, 440
charus, *Pimelodus*, 355
charus, *Pseudopimelodus*, 355
chaseni, *Leiocassis*, 93
Chasmocephalus, 182
Chasmocranes rosae, 183
Chasmocranus, 182
Chasmocranus brachynema, 182
Chasmocranus brachynemus, 182
Chasmocranus brevior, 182
Chasmocranus chimantanus, 183
Chasmocranus longior, 182, 183
Chasmocranus lopezi, 183
Chasmocranus peruanus, 183
Chasmocranus quadrizonatus, 183
Chasmocranus rosae, 183
Chasmocranus surinamensis, 183
Chasmocranus truncatorostris, 183
chaudhurii, *Glyptosternum*, 385
chauliodon, *Brochiloricaria*, 227
chechra, *Silurus*, 374
Cheiridodus, 250
Cheirocerus, 332
Cheirocerus abuelo, 332
Cheirocerus eques, 332
Cheirocerus goeldii, 332
chennuah, *Sisor*, 402
Cheveyi, *Cryptopterus*, 371
cheveyi, *Micronema*, 371
childreni, *Ageneiosus*, 366
childreni, *Silonia*, 366
chilensis, *Diplomystes*, 165
chilensis, *Silurus*, 165
Chiloglanidinae, 303
Chiloglanis, 303, 304
Chiloglanis angolensis, 304
Chiloglanis anoterus, 304
Chiloglanis asymetricaudalis, 304
Chiloglanis athiensis, 304
Chiloglanis batesii, 304
Chiloglanis benuensis, 305
Chiloglanis bifurcus, 305
Chiloglanis breviparbis, 305
Chiloglanis cameronensis, 305
Chiloglanis carnosus, 305
Chiloglanis congicus, 305
Chiloglanis deckenii, 304, 305
Chiloglanis disneyi, 305
Chiloglanis dybowskii, 309
Chiloglanis elisabethianus, 305
Chiloglanis emarginatus, 305
Chiloglanis engiops, 308
Chiloglanis fasciatus, 306
Chiloglanis harbinger, 306
Chiloglanis kalambo, 306
Chiloglanis lamottei, 306
Chiloglanis lufirae, 306
Chiloglanis lukugae, 306
Chiloglanis macropterus, 306
Chiloglanis marlieri, 306
Chiloglanis mbozi, 306
Chiloglanis micropogon, 305
Chiloglanis microps, 306
Chiloglanis modjensis, 306
Chiloglanis neumanni, 307
Chiloglanis niger, 307
Chiloglanis niloticus, 307
Chiloglanis niloticus waterloti, 307
Chiloglanis normani, 307
Chiloglanis occidentalis, 307
Chiloglanis paratus, 307
Chiloglanis pojeri, 307
Chiloglanis polyodon, 307
Chiloglanis polypogon, 307
Chiloglanis pretoriae, 307
Chiloglanis productus, 443
Chiloglanis pumilus, 307
Chiloglanis reticulatus, 307
Chiloglanis rukwaensis, 308
Chiloglanis ruziziensis, 308
Chiloglanis sanagaensis, 308
Chiloglanis sardinhai, 308
Chiloglanis somereni, 308
Chiloglanis swierstrai, 308
Chiloglanis trilobatus, 308
Chiloglanis voltae, 308
chiltoni, *Pygidium*, 417
chiltoni, *Trichomycterus*, 417
chimantanus, *Chasmocranus*, 183
Chimarrhoglanis, 21
Chimarrhoglanis Leroyi, 21, 23
Chimarrichthys, 385
Chimarrichthys Davidi, 385
chimborazoi, *Astroblepus*, 63
chimborazoi, *Cyclopium*, 63
chinensis, *Macrones*, 88
chinensis, *Pseudobagrus*, 101
chinensis, *Tachisurus*, 431
chinta, *Bagrus*, 431
chiquitos, *Callichthys*, 128
Chlarias, 138
Chlarias angolensis macronema, 141
Chlarias olivaceus, 146
chlorostictus, *Hemiancistrus*, 243
Choeroplotosus, 346
Choeroplotosus decemfilis, 346
Choeroplotosus limbatus, 346
chondropterygioides, *Arius*, 55
chondropterygius, *Arius*, 55
chotae, *Arges*, 63
chotae, *Astroblepus*, 63
christyi, *Atopochilus*, 303
Christyi, *Microsynodontis*, 309
chrysea, *Rita*, 105
chryseus, *Pseudobagrus*, 429
Chrysicthyinae, 153
Chrysicthys, 153, 155
Chrysicthys acutirostris, 158
Chrysicthys aluuensis, 155
Chrysicthys ansorgii, 155
Chrysicthys auratus, 155, 158, 160
Chrysicthys bocagii, 155
Chrysicthys bórressoni, 156
Chrysicthys brachynema, 155
Chrysicthys breviparbis, 156
Chrysicthys büttikoferi, 158
Chrysicthys camaronensis, 158
Chrysicthys cameronensis, 158
Chrysicthys coriscanus, 160
Chrysicthys cranchii, 156
Chrysicthys cyclurus, 161
Chrysicthys dageti, 156
Chrysicthys delhezi, 156
Chrysicthys delhezi thomasi, 156
Chrysicthys duttoni, 156
Chrysicthys eaglesomei, 160
Chrysicthys filamentosus, 155
Chrysicthys furcatus, 156
Chrysicthys grandis, 156
Chrysicthys graueri, 156
Chrysicthys habereri, 156
Chrysicthys helicophagus, 156
Chrysicthys hildae, 153
Chrysicthys johnelsi, 156
Chrysicthys kingsleyae, 160
Chrysicthys lagoensis, 160
Chrysicthys laticeps, 157
Chrysicthys levequei, 157
Chrysicthys longibarbis, 157
Chrysicthys longidorsalis, 157
Chrysicthys longidorsalis nyongensis, 158
Chrysicthys longifilis, 155
Chrysicthys longipinnis, 157
Chrysicthys mabusi, 157
Chrysicthys macropogon, 160
Chrysicthys macrops, 155
Chrysicthys macropterus, 157
Chrysicthys macrotis, 157
Chrysicthys magnus, 157
Chrysicthys mahengeensis, 157
Chrysicthys maurus, 157, 158, 160
Chrysicthys myriodon, 155

- Chrysichthys nigrodigitatus*, 158, 160
Chrysichthys nyongensis, 158
Chrysichthys ogoensis, 158
Chrysichthys ogowensis, 158
Chrysichthys okae, 158
Chrysichthys ornatus, 158
Chrysichthys persimilis, 158
Chrysichthys pitmani, 160
Chrysichthys platycephalus, 158
Chrysichthys polli, 159
Chrysichthys punctatus, 159
Chrysichthys rueppelli, 159
Chrysichthys sharpii, 159
Chrysichthys sianenna, 159
Chrysichthys stappersii, 159
Chrysichthys teugelsi, 159
Chrysichthys theobaldi, 105
Chrysichthys thonneri, 159
Chrysichthys thysi, 159
Chrysichthys uniformis, 159
Chrysichthys velifer, 157, 158
Chrysichthys wagenarii, 159
Chrysichthys walkeri, 159, 160
Chrysobagrus, 155
Chrysobagrus brevibarbis, 155, 156
Chrysobagrus longibarbis, 157
chrysops, *Hemibagrus*, 87
chungaraensis, *Trichomycterus*, 417
cibela, *Microglanis*, 354
cinerascens, *Pimelodella*, 201
cinerascens, *Pimelodus*, 200
cinereus, *Silurus*, 379
Cinetodus, 42
Cinetodus carinatus, 42
Cinetodus conorhynchus, 42
Cinetodus crassilabris, 42
Cinetodus froggatti, 42
cirratus, *Arges*, 64
cirratus, *Astroblepus*, 64
cirrhusa, *Loricaria*, 268, 296
cirrhusa, *Vandellia*, 427
cirrhusus, *Ancistrus*, 220
cirrhusus, *Hypostomus*, 219, 220
cirrhusus dubius, *Ancistrus*, 221
cirrhusus maculatus, *Chaetostomus*
 (*Ancistrus*), 222
cirrhusus punctata, *Chaetostomus*
 (*Ancistrus*), 222
cirrhusus var. *maculata*,
Chaetostomus, 228
cirrhusus var. *maculatus*,
Chaetostomus (*Ancistrus*), 222
cirrhusus var. *punctata*, *Chaetostomus*
 (*Ancistrus*), 222
cisternarum, *Phreatobius*, 429, 430
citatus, *Silurichthys*, 377
Citernii, *Synodontis*, 314
citurensis, *Oxyloricaria*, 300
citurensis, *Sturisomatichthys*, 300
Claibornichthys, 434
Claibornichthys troelli, 434, 435
clandestinus, *Tetracamphilius*, 27
Clariallabes, 137
Clariallabes attemsi, 137
Clariallabes brevibarbis, 137
Clariallabes centralis, 137
Clariallabes dumerili, 138
Clariallabes heterocephalus, 137
Clariallabes laticeps, 137
Clariallabes longicauda, 137
Clariallabes longicaudatus, 150
Clariallabes manyangae, 137
Clariallabes melas, 137
Clariallabes melas lembesseensis, 137
Clariallabes mutsindoziensis, 137
Clariallabes petricola, 138
Clariallabes pietschmanni, 138
Clariallabes platyprosopos, 138
Clariallabes simeonsi, 138
Clariallabes teugelsi, 138
Clariallabes uelensis, 138
Clariallabes variabilis, 138
Clarias, 136, 138
Clarias (*Allabenchelys*) *dumerili*
longibarbis, 138
Clarias (*Allabenchelys*) *submarginatus*
thysvillensis, 141
Clarias (*Allabenchelys*) *uelensis*, 138
Clarias (*Clarioides*) *aboinensis*, 144
Clarias (*Clarioides*) *agboyiensis*, 139
Clarias (*Clarioides*) *curtus*, 140
Clarias (*Clarioides*) *isheriensis*, 139
Clarias abbreviatus, 148
Clarias agboyiensis, 139
Clarias albopunctatus, 139
Clarias alluaudi, 139
Clarias amplexicauda, 148
Clarias anfractus, 139
Clarias angolensis, 139
Clarias anguillaris, 140, 144, 148
Clarias anguillaris nigeriensis, 140
Clarias Assamensis, 148
Clarias batrachus, 140
Clarias batu, 140
Clarias brachysoma, 140
Clarias breviceps, 141
Clarias brevinuchalis, 140
Clarias budgetti, 140
Clarias buettikoferi, 140
Clarias bulumae, 140
Clarias buthupogon, 141
Clarias büttikoferi, 141
Clarias cameronensis, 144
Clarias camerunensis, 139, 141, 144
Clarias capensis, 143
Clarias carsonii, 145
Clarias cataractus, 141
Clarias cavernicola, 141
Clarias centralis, 137
Clarias confluentus, 140
Clarias congcicus, 142
Clarias dahomeyensis, 142
Clarias dayi, 141
Clarias depressus, 143
Clarias dhonti, 142
Clarias dialonensis, 142
Clarias dolloi, 142
Clarias dorsimarmoratus, 141
Clarias duchaillui, 141
Clarias dumerilii, 142
Clarias dussumieri, 142
Clarias ebriensis, 142
Clarias ekibondo, 147
Clarias engelseni, 142
Clarias esamesae, 146
Clarias eupogon, 153
Clarias falconeri, 142
Clarias fouloni, 148
Clarias foveolatus, 149
Clarias fuscus, 142
Clarias gabonensis, 142
Clarias gariepinus, 140, 143, 148
Clarias gilli, 146
Clarias gracilis, 144
Clarias guentheri, 143
Clarias guineensis, 141
Clarias hasselquistii, 140
Clarias hilgendorfi, 139
Clarias hilli, 144
Clarias hollyi, 144, 147
Clarias insolitus, 144
Clarias intermedius, 144
Clarias jaensis, 144
Clarias kapuasensis, 144
Clarias kingsleyae, 144
Clarias laeviceps, 142, 144
Clarias laeviceps dialonensis, 142
Clarias lamottei, 144
Clarias lazera, 143
Clarias leiacanthus, 145
Clarias liacanthus, 145
Clarias liberiensis, 141
Clarias lindicus, 141
Clarias liocephalus, 145
Clarias loangwensis, 151
Clarias longibarbis, 136, 138
Clarias longiceps, 143
Clarias longior, 145
Clarias lualae, 142
Clarias maclareni, 145
Clarias macracanthus, 143
Clarias macrocephalus, 145
Clarias macromystax, 145
Clarias macrurus, 148
Clarias malaris, 143
Clarias marpus, 148
Clarias megapogon, 141

- Clarias meladerma*, 145
Clarias melanoderma, 146
Clarias melanopogon, 145
Clarias melas, 137
Clarias melasoma, 146
Clarias Mellandi, 146
Clarias microphthalmus, 143
Clarias microstomus, 146
Clarias monkei, 141
Clarias moorii, 143
Clarias mossambicus, 143
Clarias mülleri, 143
Clarias N'gamensis, 146
Clarias nebulosus, 148
Clarias neumanni, 145
Clarias ngamensis, 146
Clarias ngola, 142
Clarias nieuhoftii, 139, 146
Clarias nigeriae, 141
Clarias nigricans, 146
Clarias nigromarmoratus, 146
Clarias notozygurus, 143
Clarias nyasensis, 149
Clarias obscurus, 141
Clarias olivaceus, 146
Clarias ornatus, 145
Clarias orontis, 143
Clarias oxycephalus, 146
Clarias pachynema, 146
Clarias parvimanus, 140
Clarias pentapterus, 146
Clarias phillipsi, 145
Clarias planiceps, 147
Clarias platycephalus, 139, 147
Clarias pliocaenicus, 432
Clarias poensis, 141
Clarias pseudoleiacanthus, 147
Clarias pseudonieuhoftii, 147
Clarias pulcher, 147
Clarias pulicaris, 142
Clarias punctatus, 140
Clarias robecchii, 143
Clarias salae, 147
Clarias sauteri, 148
Clarias Senegalensis, 140
Clarias smithii, 143
Clarias stappersii, 147
Clarias submarginatus, 147
Clarias sulcatus, 147
Clarias Syriacus, 143
Clarias teijsmanni, 147
Clarias tenuis, 148
Clarias theodorae, 139, 147
Clarias thienemanni, 148
Clarias tsanensis, 143
Clarias vandenhoutei, 144
Clarias varispinis, 147
Clarias vinciguerrae, 143
Clarias walkeri, 141
- Clarias wernerii***, 148
Clarias xenodon, 143
Clarias youngicus, 145
Clarias zygouron, 141
clarias, *Silurus*, 311, 313, 321, 336, 337
clarias, *Pimelodus*, 320
clarias, *Pseudariodes*, 336
clarias, *Synodontis*, 313
clarias coprophagus, *Pimelodus*, 337
Clariidae, 136
Clariini, 136
Clarioides, 139
Clarisilurus, 151
Clarisilurus kemratensis, 151, 152
claro, *Ancistrus*, 220
Claroteidae, 153
Claroteini, 153
Clarotes, 153, 160
Clarotes bidorsalis, 160
Clarotes heuglini, 160
Clarotes laticeps, 160
Clarotes macrocephalus, 160
clauseni, *Phractura*, 26
clavipinna, *Loricaria*, 268
clavispinosus, *Arius*, 36
clavulus, *Akysis*, 14
clementinae, *Ancistrus*, 220
cleptolepis, *Arius*, 47
clijpeaster, *Arius*, 55
clinatus, *Akysis*, 14, 357
Clupisoma bastari, 357
Clupisoma garua, 357
Clupisoma longianalis, 357
Clupisoma montana, 357
Clupisoma naziri, 357
Clupisoma nujiangense, 357
Clupisoma prateri, 357
Clupisoma roosae, 357
Clupisoma sinense, 358
clypeastroides, *Arius*, 55
Cnidoglanis, 345
Cnidoglanis bostockii, 346
Cnidoglanis lepturus, 346, 442
Cnidoglanis macrocephalus, 346
Cnidoglanis microcephalus, 346
Cnidoglanis mülleri, 349
Cnidoglanis nudiceps, 346
coatesi, *Arius*, 47
coatesi, *Neoarius*, 47
coatesi, *Neosilurus*, 348
coatesi, *Tandanus*, 348
Cobitiglanis, 405
cobrensis, *Dolichancistrus*, 235
cobrensis, *Pseudancistrus pediculatus*, 235
cocama, *Otocinclus*, 274
cohabambae, *Imparfinis*, 185
cohabambae, *Pimelodella*, 185
- cochinchinensis*, *Arius*, 34
cochinchinensis, *Pterocryptis*, 376
cochinchinensis, *Silurus*, 376
cochlearis, *Hemipimelodus*, 43
Cochlefelis, 42
Cochlefelis burmanica, 42
Cochlefelis danielsi, 42
Cochlefelis spatula, 43
Cochliodon, 250
Cochliodon hypostomus, 252
Cochliodon plecostomoides, 258
Cochliodon pospisili, 254
Cochliodon pyrineusi, 259
Cochliodon taphorni, 261
cochliodon, *Chaetostomus*, 278
cochliodon, *Hypostomus*, 250, 252, 253-262
cochliodon, *Panaque*, 277
cochui, *Corydoras*, 115
coecutiens, *Cetopsis*, 131
coecutiens, *Silurus*, 131
coelestinus, *Bagrus* (*Bagrus*), 53
coerulescens, *Pimelodus*, 81
coeruleus, *Brochus*, 111, 125
coheni, *Glyptothorax*, 388, 389
coila, *Ailia*, 356
coila, *Malapterurus*, 356
colcloughi, *Hemipimelodus*, 51
Colletii, *Heptapterus*, 99
collinsae, *Parotocinclus*, 282
collinus, *Leiocassis*, 443
colombianus, *Bunocephalus*, 59
colombiense, *Acestridium*, 218
colombiensis, *Acestridium*, 218
colombiensis, *Farlowella*, 237
colvillii, *Macrones*, 97
colyeri, *Synodontis*, 318
colymbetes, *Euanemus*, 71, 72
commersoni, *Hypostomus*, 252
Commersonii, *Pimelodus*, 43, 44
commersonii scabriceps, *Plecostomus*, 260
commersonoides, *Loricaria*, 278
commersonoides, *Paraloricaria*, 278
commersonoides, *Plecostomus*, 255
comoensis, *Synodontis*, 313
conchophilus, *Pangasius*, 325
concolor, *Centromochlus*, 73
concolor, *Corydoras*, 115
concolor, *Tatia*, 73
concolor, *Trichomycterus*, 417
condei, *Apistoloricaria*, 226
condiscipulus, *Corydoras*, 115
confinis, *Pimelodus*, 205
confluentus, *Clarias*, 140
congensis, *Schilbe*, 363
congensis, *Silurus*, 362, 363
congica, *Parailia*, 360
congica, *Synodontis*, 313

- congicus**, *Chiloglanis*, 305
congicus, *Clarias*, 142
congicus, *Gephyroglanis*, 160, 161
congicus, *Synodontis*, 313
congolensis, *Eutropius*, 363
congolensis, *Schilbe*, 364
conirostre, *Glyptosternum*, 389
conirostre poonaensis, *Glyptothorax*, 395
conirostris, *Conorhynchos*, 428
conirostris, *Glyptothorax*, 389, 395
conirostris, *Pimelodus*, 428
conirostris punjabensis, *Glyptothorax*, 393
Conorhynchichthys, 428
Conorhynchos, 53, 428
Conorhynchos conirostris, 428
Conorhynchos nelsoni, 53
Conorhynchus, 428
conorhynchus, *Cinetodus*, 42
conorhynchus, *Tetranesodon*, 42
Conorhynchus glaber, 428
Conostome, 428
conquetaensis, *Pimelodella*, 190
conquistador, *Gladioglanis*, 183
conradi, *Pygidium*, 417
conradi, *Trichomycterus*, 417
Conta, 382, 383
Conta conta, 384
Conta pectinata, 384
conta, *Conta*, 384
conta, *Pimelodus*, 383, 384
Continae, 382
contracta, *Synodontis*, 313
contractus, *Synodontis*, 313
cookei, *Arius*, 50
cookei, *Notarius*, 50
cooperensis, *Neosiluroides*, 347
copei, *Anduzedoras*, 172
copei, *Corydoras*, 115
copei, *Leptodoras*, 172
copei, *Pimelodella*, 190
Copidoglanis, 351
Copidoglanis brevidorsalis, 347
Copidoglanis curtus, 345
Copidoglanis equinus, 348
Copidoglanis gjellerupi, 348
Copidoglanis glencoensis, 348
Copidoglanis idenburgi, 348
Copidoglanis labiosus, 345
Copidoglanis labrosus, 345
Copidoglanis levis, 345
Copidoglanis longifilis, 349
Copidoglanis meraukensis, 351
Copidoglanis novae-guineae niger, 349
Copidoglanis obscurus, 345, 350
Copidoglanis papuensis, 348
Copidoglanis rendahli, 345
Copionodon, 403, 404
Copionodon lianae, 404
Copionodon orthiocarinatus, 404
Copionodon pecten, 404
Copionodontinae, 403
coppenamensis, *Corydoras*, 115
coppenamensis, *Corydoras bondi*, 115
coppenamensis, *Hypostomus*, 253
coprophagus, *Pimelodus*, 337
coprophagus, *Pimelodus clarias*, 337
coquenani, *Ancistrus (Pseudancistrus)*, 287
coquenani, *Pseudancistrus*, 287
coracoideus, *Auchenipterichthys*, 71
coracoideus, *Bunocephalus*, 59
coracoideus, *Dysichthys*, 58, 59
coracoideus, *Trachycorystes*, 71
Coraglanis, 385
Coraglanis kishinouyei, 385
corantijni, *Hypostomus*, 253
cordobensis, *Leptoancistrus*, 266
Cordorinus, 111
cordovae, *Plecostomus*, 258
corduensis, *Trichomycterus*, 417
Cordylancistrus, 231, 443
Cordylancistrus daguae, 231
Cordylancistrus nephelion, 443
Cordylancistrus perijae, 231
Cordylancistrus platycephalus, 231
Cordylancistrus platyrhynchus, 232
Cordylancistrus torbesensis, 232
Coreobagrus, 86, 100
Coreobagrus brevicorpus, 86
Coreobagrus ichikawai, 86
Coreobagrus okadaei, 86
coriaceus, *Trachelyopterus*, 79
coriaceus maculosus, *Trachelyopterus*, 79
coriatae, *Corydoras*, 115
coriscanus, *Chrysichthys*, 160
coruscans, *Platystoma*, 341
coruscans, *Pseudoplatystoma*, 341
corsula, *Bagrus*, 89
corsula, *Macrones*, 90
corsula, *Mugil*, 89
corsula, *Pimelodus*, 89
cortesi, *Corydoras*, 124
Corumbataia, 232
Corumbataia cuestae, 232
Corumbataia tocantinensis, 232
coruscans, *Pimelodes*, 37
coruscans, *Platystoma*, 341
Corydoradinae, 108
Corydoras, 108, 111
Corydoras acrensis, 112
Corydoras acutus, 112
Corydoras adolfoi, 112
Corydoras aeneus, 112
Corydoras agassizii, 112
Corydoras albolineatus, 112
Corydoras amandajanea, 112
Corydoras amapaensis, 113
Corydoras ambiacus, 113
Corydoras amphibelus, 113
Corydoras approuaguensis, 113
Corydoras araguaiaensis, 113
Corydoras arcuatus, 113
Corydoras areio, 113
Corydoras armatus, 113
Corydoras atropersonatus, 113
Corydoras aurofrenatus, 113
Corydoras australe, 118
Corydoras axelrodi, 113
Corydoras baderi, 113
Corydoras bertoni, 130
Corydoras bicolor, 114
Corydoras bifasciatus, 114
Corydoras bilineatus, 114
Corydoras blochi, 114
Corydoras blochi vittatus, 126
Corydoras boehlkei, 114
Corydoras boesemani, 114
Corydoras bolivianus, 117
Corydoras bondi, 114
Corydoras bondi coppenamensis, 115
Corydoras breei, 114
Corydoras brevirostris, 114
Corydoras britskii, 114
Corydoras burgessi, 114
Corydoras caquetae, 119
Corydoras carlae, 115
Corydoras caudimaculatus, 115
Corydoras cervinus, 115
Corydoras cochui, 115
Corydoras concolor, 115
Corydoras condiscipulus, 115
Corydoras copei, 115
Corydoras coppenamensis, 115
Corydoras coriatae, 115
Corydoras cortesi, 124
Corydoras crimmeni, 115
Corydoras cruziensis, 115
Corydoras crypticus, 115
Corydoras davidsandsi, 116
Corydoras delphax, 116
Corydoras difluviatilis, 116
Corydoras diphyes, 116
Corydoras dubius, 126
Corydoras duplicareus, 116
Corydoras edentatus, 176
Corydoras ehrhardti, 116
Corydoras eigenmanni, 129
Corydoras elegans, 111, 116
Corydoras elegans nijsseni, 121
Corydoras ellisae, 116
Corydoras ephippifer, 116
Corydoras episcopi, 126
Corydoras eques, 112, 116

- Corydoras esperanzae*, 117
Corydoras evelynae, 117
Corydoras filamentosus, 117
Corydoras flaveolus, 117
Corydoras fowleri, 117
Corydoras funnelli, 119
Corydoras garbei, 117
Corydoras geoffroy, 111, 117
Corydoras geryi, 117
Corydoras gomezi, 117
Corydoras gossei, 118
Corydoras gracilis, 118
Corydoras grafi, 113
Corydoras griseus, 118
Corydoras guapore, 118
Corydoras guianensis, 118
Corydoras habrosus, 118
Corydoras haraldschultzi, 118
Corydoras hastatus, 112, 118
Corydoras heteromorphus, 118
Corydoras imitator, 118
Corydoras incolicana, 118
Corydoras isbrueckeri, 119
Corydoras julii, 119
Corydoras juquiaae, 121
Corydoras juquiae, 121
Corydoras kanei, 119
Corydoras kronei, 129
Corydoras lacerdai, 119
Corydoras lamberti, 119
Corydoras latus, 119
Corydoras leopardus, 119
Corydoras leucomelas, 119
Corydoras loretoensis, 119
Corydoras loxozonus, 119
Corydoras macropterus, 130
Corydoras macrosteus, 112
Corydoras maculatus, 122
Corydoras maculifer, 119
Corydoras mamore, 120
Corydoras mamoré, 120
Corydoras marmoratus, 122
Corydoras melanistius, 120
Corydoras melanistius brevirostris, 114
Corydoras melanistius longirostris, 113
Corydoras melanotaenia, 120
Corydoras melini, 120
Corydoras meridionalis, 116
Corydoras metae, 120
Corydoras micracanthus, 120
Corydoras microcephalus, 122
Corydoras microps, 112
Corydoras multimaculatus, 120
Corydoras multiradiatus, 120
Corydoras myersi, 123
Corydoras nanus, 120
Corydoras napoensis, 120
Corydoras narcissus, 120
Corydoras nattereri, 121
Corydoras nattereri triseriatus, 121
Corydoras negro, 121
Corydoras nijsseni, 121
Corydoras noelkempffi, 121
Corydoras octocirrus, 117
Corydoras oelemariensis, 114
Corydoras oiapoquensis, 121
Corydoras ornatus, 121
Corydoras orphnopterus, 121
Corydoras osteocarus, 121
Corydoras ourastigma, 121
Corydoras oxyrhynchus, 121
Corydoras paleatus, 122
Corydoras panda, 122
Corydoras pantanalensis, 122
Corydoras paraguay, 122
Corydoras parallelus, 122
Corydoras pastazensis, 122
Corydoras pastazensis orcesi, 122
Corydoras paucerna, 122
Corydoras pauciradiatus, 109
Corydoras pestai, 116
Corydoras pinheiroi, 122
Corydoras polystictus, 123
Corydoras potaroensis, 123
Corydoras prionotos, 130
Corydoras pulcher, 123
Corydoras punctatus, 123
Corydoras punctatus argentina, 122
Corydoras punctatus sipaliwini, 125
Corydoras pygmaeus, 123
Corydoras rabauti, 123
Corydoras raimundi, 110
Corydoras reticulatus, 123
Corydoras revelatus, 123
Corydoras reynoldsi, 123
Corydoras robineae, 124
Corydoras robustus, 124
Corydoras sanchesii, 124
Corydoras saramaccensis, 124
Corydoras sararensis, 124
Corydoras schultzei, 112
Corydoras schwartzi, 124
Corydoras schwartzi surinamensis, 126
Corydoras semiaquilus, 124
Corydoras semiscutatus, 125
Corydoras septentrionalis, 124
Corydoras serratus, 124
Corydoras seussi, 124
Corydoras similis, 124
Corydoras simulatus, 124
Corydoras sipaliwini, 125
Corydoras sodalis, 125
Corydoras solox, 125
Corydoras spectabilis, 125
Corydoras spilurus, 125
Corydoras splendens, 125
Corydoras steindachneri, 125
Corydoras stenocephalus, 125
Corydoras sterbai, 125
Corydoras surinamensis, 126
Corydoras sychri, 126
Corydoras treitlii, 126
Corydoras trilineatus, 126
Corydoras tukano, 126
Corydoras undulatus, 126
Corydoras venezuelanus, 112
Corydoras virescens, 123
Corydoras virginiae, 126
Corydoras vittatus, 126
Corydoras weitzmani, 126
Corydoras wotroi, 120
Corydoras xinguensis, 126
Corydoras zygatus, 126
Corymbophanes, 217, 232
Corymbophanes andersoni, 232
Corymbophanes bahianus, 279
Corymbophanes kaiei, 232
Corymbophanes venezuelae, 231
Cossyphus, 139
Cossyphus ater, 139, 148
costatus, **Platydoras**, 176
costatus, *Silurus*, 176
cottoides, **Microglanis**, 354
cottoides, *Pimelodus*
(Pseudopimelodus), 354
Cotylephorus, 61
Cotylephorus blochii, 61
cotylephorus, **Platystacus**, 61
couma, *Bagrus*, 53
couma, **Sciades**, 53
courteti, **Synodontis**, 313
cous, *Arius*, 31
cous, **Glyptothorax**, 31, 389
cous, *Silurus*, 31, 387, 389
cragini, *Amiurus*, 205
cranchii, **Chrysichthys**, 156
cranchii, *Pimelodus*, 156
Cranoglanididae, 164
Cranoglanidae, 164
Cranoglanis, 164
Cranoglanis boudierius, 165
Cranoglanis henrici, 165
Cranoglanis multiradiatus, 165
Cranoglanis sinensis, 164, 165
crassicauda, *Harttia*, 242
crassicauda, **Harttiella**, 242
crassicauda, **Hypostomus**, 253
crassicauda, **Pseudecheneis**, 400
crassilabris, **Cinetodus**, 42
crassilabris, *Hemipimelodus*, 42
crassilabris, **Leiocassis**, 92
crassilabris, *Liocassis*, 92
crassilabris macrops, *Leiocassis*, 92
crassirostris, **Leiocassis**, 92

crassirostris, *Liocassis*, 92
crassus, *Arius*, 435
crassus, *Otolithus* cf., 434
crassus, *Otolithus* (*incertae sedis*), 434
crassus, *Tachysurus*, 434, 435
cratensis, *Trachycorystes*, 80
crenula, *Pterocryptis*, 376
cretaceus, *Brachyspondylus*, 432
creutzbergi, *Centromochlus*, 77
creutzbergi, *Tatia*, 77
crimmeni, *Corydoras*, 115
crinalis, *Bagrus*, 55
cristata, *Pimelodella*, 190
cristata, *Physopyxis*, 176
cristatus, *Parotocinclus*, 282
cristatus, *Pimelodus*, 189, 190
crocodili, *Centrochir*, 170
Crocodili, *Doras*, 170
crossocheilos, *Arius*, 52
Crossoloricaria, 232
Crossoloricaria bahuaja, 232
Crossoloricaria cephalaspis, 232
Crossoloricaria rhami, 232
Crossoloricaria variegata, 233
Crossoloricaria venezuelae, 233
cruciger, *Arius*, 106
Cruciglanis, 443
Cruciglanis pacifici, 443
cruxenti, *Pimelodella*, 190
cruziensis, *Corydoras*, 115
Cryptarius, 43
Cryptarius daugueti, 43
Cryptarius truncatus, 43
crypticus, *Corydoras*, 115
crypticus, *Noturus*, 211, 442
cryptobullatus, *Amphilius*, 21
cryptodon, *Planiloricaria*, 285
cryptodon, *Pseudohemiodon*
(*Planiloricaria*), 285
cryptophthalmus, *Ancistrus*, 220
Cryptoptera, 369
Cryptoptera, *beldti*, 369, 371
Cryptoptera, 369
Cryptopterus, 369
Cryptopterus, *amboinensis*, 369
Cryptopterus, *bleekeri*, 374
Cryptopterus, *cheveyi*, 371
Cryptopterus, *latovittatus*, 374
Cryptopterus, *lumholtzi*, 370
Cryptopterus, *urbaini*, 373
cryptopterus, *Kryptopterus*, 369
cryptopterus, *Silurus*, 369
cryptus, *Paradoxoglanis*, 303
Cteniloricaria, 233
Cteniloricaria fowleri, 233
Cteniloricaria maculata, 233
Cteniloricaria platystoma, 233
ctenodus, *Pimelodus*, 332
cuangoana, *Synodontis*, 313
cuangoanus, *Synodontis*, 313

cuao, *Pygidianops*, 412
cubangoensis, *Amphilius platyichir*, 23
cubataonis, *Loricaria*, 294
cubataonis, *Rineloricaria*, 294
cubataonis, *Trichomycterus*, 425
cucphuongensis, *Pterocryptis*, 376
cucphuongensis, *Silurus*, 376
cucuhyensis, *Pseudepapterus*, 76
cuestae, *Corumbataia*, 232
cuiabae, *Ancistrus*, 220
cuivi, *Nematogenys*, 324
cultratus, *Pangasius*, 328
cunaguaro, *Ginesia*, 330, 331
cunningtoni, *Dinopterus*, 148
cupido, *Trachymochlus*, 431, 432
cuprea, *Pimelodus* (*Rhamdia*) *Queleni*,
201
cupreoides, *Pimelodus*, 205
cupreus, *Silurus*, 215
curtirostra, *Farlowella*, 237
curtisii, *Arius*, 47
curtisoma, *Encheloclarias*, 149
curtus, *Clarias* (*Clarioides*), 140
curtus, *Copidoglanis*, 345
curvirostris, *Belonoglanis*, 24
curvispina, *Loricaria*, 296
curvispina, *Spatuloricaria*, 296
cuspicaudus, *Sorubim*, 342
cuvieri, *Genidens*, 44
Cuvieri, *Silurus* (*Acanthonotus*), 356
Cuyabae, *Pimelodus* (*Rhamdia*), 201
cuyanus, *Diplomystes viedmensis*, 166
cuyanus, *Olivaichthys*, 166
cyanochloros, *Pimelodus*, 392
cyanostigma, *Pimelodella*, 190
cyanostigma, *Rhamdia*, 190
Cyclopidae, 63
Cyclopium, 63
Cyclopium chapmani, 63
Cyclopium chimborazoi, 63
Cyclopium humboldtii, 63, 64
Cyclopium mariae, 65
Cyclopium mindoense, 65
Cyclopium pirrense, 66
Cyclopium trifasciatum, 67
Cyclopium ubidiai, 67
Cyclopium unifasciatum, 67
Cyclopium vanceae, 67
Cyclopium ventrale, 68
cyclopium, *Pimelodus*, 64
cyclopium, *Pimelodus*, 64
cyclopus, *Astroblepus*, 64
cyclopus santanderensis, *Astroblepus*,
67
cyclurus, *Chrysichthys*, 161
cyclurus, *Lophiobagrus*, 161
D
dageti, *Chrysichthys*, 156
dageti, *Synodontis*, 312

daguae, *Cordylancistrus*, 231
daguae, *Hemiancistrus*, 231
dahli, *Anodontiglanis*, 345
dahomeyensis, *Clarias*, 142
daidalmatos, *Chaetostoma*, 444
daillyi, *Hoplosternum littorale*, 128
dakpathari, *Glyptothorax*, 389
dalungshanensis, *Mystus*, 95
damasceni, *Ancistrus*, 220
damasceni, *Xenocara*, 220
danicus, *Otolithus* (*Arius*), 434
danielsi, *Arius* (*Hemiaris*), 42
danielsi, *Cochlefelis*, 42
dantei, *Auchenipterichthys*, 71
dariense, *Sturisoma*, 299
dariensis, *Oxyloricaria*, 299
dasycephalus, *Arius*, 39
dasycephalus, *Cathorops*, 39
Dasylicaria, 233
Dasylicaria capetensis, 233
Dasylicaria filaentosa, 233
Dasylicaria latiura, 233
Dasylicaria seminuda, 234
Dasylicaria tuyrensis, 234
daugueti, *Cryptarius*, 43
Daugueti, *Hemipimelodus*, 43
dauuricus, *Silurus*, 379
Davalla, 68
Davalla Schomburgkii, 68, 69
davalla, *Hypothalmus*, 69
Davidi, *Chimarrichthys*, 385
davidi, *Euchiloglanis*, 385
davidi, *Synodontis*, 313
dauidsandsi, *Corydoras*, 116
davisi, *Pygidium*, 417
davisi, *Trichomycterus*, 417
davissinghi, *Glyptothorax*, 389
dawalla, *Hypothalmus*, 69
dayi, *Arius*, 49
dayi, *Batasio*, 85
dayi, *Clarias*, 141
dayi, *Hemipimelodus*, 46
Dayi, *Macrones*, 85
dayi, *Nedystoma*, 46
de Zwaani, *Pangasius*, 328
debauwi, *Eutropius*, 361
debauwi, *Pareutropius*, 361
Decapogon, 127
Decapogon urostriatum, 127
Decapogon urotriatum, 127
Decapogon verissimi, 127
decaradiatus, *Trachelyichthys*, 78
decemfilis, *Trachelyichthys*, 346
decipiens, *Otolithus* (*Sciaenidarum*),
434
deckenii, *Chiloglanis*, 304, 305
decolor, *Rhamdia guatemalensis*, 202
decora, *Synodontis*, 314
decorus, *Amiurus*, 210

- decorus*, *Synodontis*, 314
degeni, *Bagrus*, 84
deignani, *Kryptopterus*, 375
dekayi, *Pimelodus*, 206
Dekeyseria, 234
Dekeyseria amazonica, 234
Dekeyseria brachyura, 234
Dekeyseria niveata, 234
Dekeyseria picta, 234
Dekeyseria pulchra, 234
Dekeyseria scaphirhyncha, 234
dekimpei, *Synodontis*, 314
dekkanense, *Glyptosternum*, 391
delacouri, *Oreoglanis*, 397
delacouri, *Paroreoglanis*, 397
delhezi, *Chrysichthys*, 156
delhezi thomasi, *Chrysichthys*, 156
delicata, *Psammophiletria*, 27
delicatissimus, *Pangasius*, 328
delphax, *Corydoras*, 116
Deltadoras, 173
Deltadoras guayoensis, 173, 174
Delturinae, 444
Delturus, 234, 444
Delturus angulicauda, 234, 444
Delturus brevis, 443
Delturus carinotus, 235
Delturus parahybae, 234, 235, 444
demantoides, *Baryancistrus*, 226
demararae, *Callichthys callichthys*, 111
demerarae, *Auchenipterus*, 72
dendrophorus, *Rheoglanis*, 164
Dentata, *Loricaria*, 268
dentatus, *Ageneiosus*, 70
dentatus, *Auchenipterus*, 72
dentatus, *Doras*, 177
Dentectus, 235
Dentectus barbarmatus, 235
dentex, *Chaetostomus*, 277
dentex, *Panaqolus*, 277
dentex, *Panaque*, 277
Denticetopsis, 133
Denticetopsis epa, 133
Denticetopsis iwokrama, 133
Denticetopsis macilenta, 133
Denticetopsis praecox, 133
Denticetopsis royeri, 133
Denticetopsis sauli, 133, 134
Denticetopsis seducta, 134
depauwi, *Synodontis*, 314
depierrei, *Platyglanis*, 164
depinnai, *Aspidoras*, 109
Deportator, 350
Deppei, *Pimelodus*, 200
depressa, *Harttia*, 240
depressa, *Hemiodon*, 293
depressa, *Reganella*, 293
depressa, *Rhamdia*, 201
depressa, *Tocantinsia*, 78
depressicauda, *Hisonotus*, 248
depressicauda, *Otocinclus*, 248
depressinotus, *Hisonotus*, 248
depressinotus, *Microlepidogaster*, 248
depressirostris, *Bagrus*, 364
depressirostris, *Eutropius*, 364
depressus, *Acanthodoras*, 167
depressus, *Bunocephalus*, 62
depressus, *Cataphractus*, 111
depressus, *Chaetostomus*, 287
depressus, *Clarias*, 143
depressus, *Doras (Rhinodoras)*, 167
depressus, *Gnathobagrus*, 161
depressus, *Hemiodon*, 292, 293
depressus, *Pseudancistrus*, 287
depressus, *Pterobunocephalus*, 62
deqinensis, *Glyptothorax*, 389
derbyi, *Hypostomus*, 253
derbyi, *Loricariichthys*, 270
derbyi, *Plecotomus*, 253
Dermocassis, 92
dermorhynchum, *Chaetostoma*, 228
dermorhynchus, *Chaetostomus*, 228
despaxi, *Arius*, 36
devall, *Hypophthalmus*, 334
devincenzii, *Loricaria*, 288
devincenzii, *Pseudohemiodon*, 288
deyi, *Amblyceps*, 17
dhonti, *Allabenchelays*, 142
dhonti, *Clarias*, 142
dhonti, *Synodontis*, 314
diabolicus, *Plectrochilus*, 411
diabolicus, *Urinophilus*, 411
diabolus, *Trichomycterus*, 417
dialonensis, *Clarias*, 142
dialonensis, *Clarias laeviceps*, 142
Dianema, 108, 127
Dianema longibarbis, 127
Dianema urostriatum, 127
Dianemidi, 108
Diapeltoplites, 249
diaphanus, *Ammoglanis*, 403
diaphina, *Ageniosus (Silonia)*, 86
Diastatomycter, 368
Diastatomycter Chaperi, 368
Diasternum, 127
dibrugarensis, *Macrones montanus*, 96
dichromum, *Acestridium*, 218
dicra, *Scoloplax*, 367
Dieperinki, *Arius*, 32
difluviatilis, *Corydoras*, 116
digulensis, *Arius*, 47
diluvii, *Bucklandium*, 432, 433
dinema, *Belodontichthys*, 368
dinema, *Wallago*, 368
Dinotopteroideis, 139
Dinotopteroideis prentissgrayi, 139, 146
Dinotopterus, 148
Dinotopterus atribranchus, 148
Dinotopterus cunningtoni, 148
Dinotopterus euryodon, 136
Dinotopterus filicibarbis, 148
Dinotopterus foveolatus, 149
Dinotopterus gigas, 149
Dinotopterus ilesi, 136
Dinotopterus jacksoni, 149
Dinotopterus jallae, 146
Dinotopterus longibarbis, 136
Dinotopterus loweae, 149
Dinotopterus niasensis, 149
Dinotopterus rotundifrons, 136
Dinotopterus worthingtoni, 136
dioces, *Arius*, 44
dioces, *Hemiaris*, 44
diphyes, *Corydoras*, 116
Diplomystax, 165
Diplomyste, 165
Diplomystes, 165
Diplomystes camposensis, 165
Diplomystes chilensis, 165
Diplomystes mesembrinus, 166
Diplomystes nahuelbutaensis, 166
Diplomystes rudis, 435
Diplomystes viedmensis, 166
Diplomystes viedmensis cuyanus, 166
Diplomystes viedmensis mesembrinus, 166
Diplomystidae, 165
dipterus, *Brochus*, 111, 125
discus, *Acestridium*, 218
disjunctivus, *Liposarcus*, 291
disjunctivus, *Pterygoplichthys*, 291
disneyi, *Chiloglanis*, 305
dispar, *Arius*, 34
dispar, *Pygidium*, 417
dispar, *Trichomycterus*, 417
dispilurus, *Epapterus*, 74
dissidens, *Harttia*, 241
dissitus, *Kryptopterus*, 369
distolothrix, *Scoloplax*, 367
djambal, *Pangasius*, 325
djemer, *Eutropius*, 363
djemer, *Schilbe*, 363
dlouhyi, *Hypostomus*, 253
doceana, *Steindachneria*, 343
doceana, *Steindachneridion*, 343
doceanus, *Microlepidogaster*, 282
doceanus, *Parotocinclus*, 282
docmac niger, *Bagrus*, 84
docmak, *Bagrus*, 84, 313
docmak, *Silurus*, 84
Doiichthyidae, 30
Doiichthys, 30, 46
Doiichthys novaeguineae, 46
Doiichthys novae-guineae, 46
Dolichallabes, 149

- Dolichallabes microphthalmus*, 149
Dolichamphilius, 24
Dolichamphilius brieni, 24
Dolichamphilius longiceps, 24
Dolichancistrus, 235
Dolichancistrus atratoensis, 235
Dolichancistrus carnegei, 235
Dolichancistrus cobrensis, 235
Dolichancistrus fuesslii, 235
Dolichancistrus pediculatus, 235
Dolichancistrus setosus, 235
dolicholophia, *Scoloplax*, 367
dolichopterus, *Ancistrus*, 220
dolichurus, *Bunocephalus*, 62
dolichurus, *Pterobunocephalus*, 62
dolloi, *Clarias*, 142
Doradidae, 166
Doradini, 166
dorae, *Leptoglanis*, 28
dorae, *Zaireichthys*, 28
Doraops, 170
Doraops zuloagai, 170
Doras, 166, 170
Doras (*Agamyxis*) *flavopictus*, 168
Doras (*Corydoras*) *brevis*, 179
Doras (*Corydoras*) *ophthalmus*, 169
Doras (*Corydoras*) *punctatus*, 167
Doras (*Oxydoras*) *d'Orbignyi*, 178
Doras (*Oxydoras*) *lipophthalmus*, 169
Doras (*Oxydoras*) *niger*, 175
Doras (*Oxydoras*) *stenopeltis*, 171, 172
Doras (*Rhinodoras*) *depressus*, 167
Doras affinis, 168
Doras albomaculatus, 168
Doras armatulus, 176
Doras asterifrons, 169, 170
Doras Blochii, 167
Doras brachiatus, 170
Doras brunnescens, 168
Doras Calderonensis, 179
Doras carinatus, 171, 173
Doras castaneo-ventris, 168
Doras cataphractus, 168
Doras Crocodili, 170
Doras dentatus, 177
Doras dorsalis, 173
Doras fimbriatus, 167
Doras granulosus, 177
Doras grypus, 169
Doras Hancockii, 177
Doras Heckelii, 178
Doras helicophilus, 177
Doras humboldti, 176
Doras humeralis, 174
Doras insculptus, 179
Doras laevigatulus, 177
Doras lentiginosus, 177
Doras libertatis, 174
Doras lithogaster, 173
Doras longispinis, 170
Doras loricatus, 167
Doras maculatus, 177
Doras marmoratus, 171
Doras micropoeus, 171
Doras murica, 177
Doras nebulosus, 178
Doras niger, 175
Doras Oxyrhynchus, 169
Doras papilionatus, 173
Doras pectinifrons, 168
Doras polygramma, 168
Doras punctatus, 167
Doras regani, 169
Doras spinosissimus, 168
Doras uranoscopus, 173, 174
Doras weddellii, 169
d'Orbigny, *Doras* (*Oxydoras*), 178
d'Orbignyi, *Doras* (*Oxydoras*), 178
dorbignyi, *Doras* (*Oxydoras*), 178
dorbigny, *Rhinodoras*, 178
dorbignyi, *Rhinodoras*, 178
doriae, *Arius*, 41
doriae, *Bunocephalus*, 59
doriae, *Liocassis*, 93
doroides, *Bagrus*, 45
dorsale, *Chaetostoma*, 228
dorsalis, *Chaetostomus*, 228
dorsalis, *Doras*, 173
dorsalis, *Glyptothorax*, 389
dorsalis, *Lithodoras*, 173
dorsalis, *Rhamdia*, 201
dorseyi, *Pimelodella*, 190
dorsimarmoratus, *Clarias*, 141
dorsomaculata, *Synodontis*, 314
dorsomaculatus, *Synodontis*, 314
dorsostriatum, *Pygidium*, 417
dorsotriatum, *Pygidium*, 417
dorsotriatus, *Trichomycterus*, 417
Doumea, 20, 24
Doumea alula, 24
Doumea angolensis, 25
Doumea chappuisi, 25
Doumea scaphyrhynchura, 27
Doumea thysi, 25
Doumea typica, 24, 25
Doumeinae, 20
dowii, *Leptarius*, 53
dowii, *Sciades*, 53
Duanensis, 378
duanensis, *Silurus*, 379
dubia, *Netuma*, 54
dubius, *Ancistrus*, 221
dubius, *Corydoras*, 126
duchaillui, *Clarias*, 141
duda, *Silurus*, 374
duellmani, *Trichomycterus*, 418
dugesii, *Ictalurus*, 208, 209
dugèsi, *Amiurus*, 208
dukai, *Silurus*, 377
dumerili, *Clariallabes*, 138
dumerili, *Leiocassis*, 93
dumerili, *Rhinobagrus*, 92, 93
dumerili longibarbis, *Clarias* (*Allabenchelys*), 138
dumerilii, *Clarias*, 142
dumus, *Lasiancistrus*, 289
dumus, *Pseudolithoxus*, 289
dunni, *Centromochlus*, 77
dunni, *Tatia*, 77
duodecimalis, *Hypostomus*, 290, 291
Duopalatinus, 332
Duopalatinus emarginatus, 332
Duopalatinus olallae, 340
Duopalatinus peruanus, 332
Duoplatinus goeldii, 340
duplicareus, *Corydoras*, 116
dupouii, *Chaetostoma*, 228
Dupouyichthys, 60
Dupouyichthys sapito, 60
duquei, *Rhamdia*, 202
dura, *Loricaria*, 268
duriceps, *Ostophycephalus*, 346
durinii, *Eutropius*, 363
durinii, *Schilbe*, 363
duriventris, *Harttia*, 241
duseni, *Hemipsilichthys*, 262, 279
duseni, *Isbrueckerichthys*, 262
Dussumieri, *Arius*, 52
dussumieri, *Clarias*, 142
dussumieri, *Plicofollis*, 52
Dutemplei, *Arius*, 56
duttoni, *Chrysichthys*, 156
dybowskii, *Chiloglanis*, 309
dybowskii, *Euchilichthys*, 309
Dysichthys, 58
Dysichthys amazonicus, 59
Dysichthys australe, 60
Dysichthys coracoideus, 58, 59
Dysichthys quadriradiatus, 60
E
eaglesomei, *Eaglesomia*, 160
Eaglesomia, 160
Eaglesomia eaglesomei, 160
ebriensis, *Clarias*, 142
eburneensis, *Synodontis*, 312
echinatus, *Ictalurus*, 208
echthrus, *Megalocentor*, 409
eclipsis, *Eutropius*, 363
eddsi, *Pseudecheneis*, 442
edentatus, *Corydoras*, 176
edentatus, *Hypophthalmus*, 333
edentatus, *Loricariichthys*, 270
egertoni, *Arius*, 56
Egertoni, *Silurus*, 56
egertoni belgicus, *Arius*, 56
egertonii, *Callichrous*, 374
ehrharti, *Corydoras*, 116

- eichorniarum*, *Ituglanis*, 407
eichorniarum, *Trichomycterus*, 407
Eidouxii, *Galeichthys*, 38
eigenmanni, *Arges*, 64
eigenmanni, *Astroblepus*, 64
eigenmanni, *Chaenothorax*, 125
eigenmanni, *Corydoras*, 129
eigenmanni, *Galeichthys*, 33
eigenmanni, *Heptapterus*, 184
eigenmanni, *Hemiloricaria*, 245
Eigenmanni, *Loricaria*, 245
eigenmanni, *Orinocodoras*, 175
eigenmanni, *Oxydoras*, 167
eigenmanni, *Pimelodella*, 191, 340
eigenmanni, *Pimelodella*, 193
eigenmanni, *Pimelodus*, 340
eigenmanni, *Pimelodus* (*Pimelodella*), 191
eigenmanni, *Propimelodus*, 340
eigenmanni, *Pygidianops*, 412
eigenmanni, *Trichomycterus*, 423
eigenmanniorum, *Pimelodella*, 191
eigenmanniorum, *Rhamdia*, 191
ekibondoi, *Clarias*, 147
elassochir, *Noturus*, 212
elatturus, *Arius*, 50
electricus, *Malapterurus*, 301
electricus, *Silurus*, 301
electricus *ogooensis*, *Malapterurus*, 302
electricus *oguensis*, *Malapterurus*, 302
elegans, *Corydoras*, 111, 116
elegans, *Noturus*, 212
elegans *nijsseni*, *Corydoras*, 121
eletherus, *Noturus*, 212
elisabethianus, *Chiloglanis*, 305
Ellenriederii, *Leiocassis*, 104
Ellips, 207
ellisae, *Corydoras*, 116
Ellisichthys, 127
elongata, *Eumeda*, 347, 348
elongata, *Hara*, 384
elongata, *Olyra*, 99
elongata, *Pimelodella*, 191
elongatus, *Batasio*, 73
elongatus, *Macrones*, 89
elongatus, *Nemadoras*, 174
elongatus, *Oxydoras*, 174
elongatus, *Pangasius*, 326
elongatus, *Pimelodus*, 191
elongatus, *Plotosus*, 346
elongatus, *Sorubim*, 342
elongatus *hongus*, *Hemibagrus*, 89
emanueli, *Trichomycterus*, 418
emanueli *emanueli*, *Pygidium*, 418
emanueli *motatanensis*, *Pygidium*, 421
emarginata, *Microsynodontis*, 309
emarginata, *Squaliforma*, 297
emarginatum, *Platystoma*, 332
emarginatus, *Chiloglanis*, 305
emarginatus, *Duopalatinus*, 332
emarginatus, *Hypostomus*, 297
emarginatus, *Liocassis*, 102
emarginatus, *Microsynodontis*, 309
emarginatus, *Pseudobagrus*, 100
Emini, *Schilbe*, 364
emmelane, *Tachysurus*, 40
emphysetus, *Bagrus* (*Sciades*), 53, 54
empoussa, *Scoloplax*, 367
Encheloclaris, 149
Encheloclaris baculum, 149
Encheloclaris curtisoma, 149
Encheloclaris kelioides, 149
Encheloclaris prolatus, 150
Encheloclaris tapeinopterus, 150
Encheloclaris velatus, 150
Endorhis, 349
enfurnada, *Rhamdia*, 197
engelseni, *Allabenchelys*, 142
engelseni, *Clarias*, 142
engiops, *Chiloglanis*, 308
enigmatica, *Lacantunia*, 216
enochi, *Pimelodella*, 191
Entomocorus, 74
Entomocorus benjamini, 74
Entomocorus gameroi, 74
Entomocorus melaphareus, 74
Entomocorus radiosus, 443
Eobagrus, 87
Eobagrus *hoerdzanicus*, 87
Eomacrones, 87
Eomacrones wilsoni, 87
Eopeyeria, 428
Eopeyeria aegyptiaca, 428
epa, *Denticetopsis*, 133
Epactionotus, 236
Epactionotus aky, 236
Epactionotus bilineatus, 236
Epactionotus gracilis, 236
Epactionotus itaimbezinho, 236
Epactionotus yasi, 236
epakmos, *Isbrueckerichthys*, 262
Epapterus, 74
Epapterus blohmi, 74
Epapterus *chaquensis*, 74
Epapterus dispilurus, 74
ephippiata, *Amphilius pulcher*, 23
ephippifer, *Akysis*, 14
ephippifer, *Corydoras*, 116
epikarsticus, *Ituglanis*, 407
episcopi, *Corydoras*, 126
eppleyi, *Parotocinclus*, 282
eptingi, *Chaetostomus*, 253
eptingi, *Hypostomus*, 253
equatorialis, *Tachysurus*, 40
eques, *Cheirocerus*, 332
eques, *Corydoras*, 112, 116
eques, *Goeldiella*, 184
eques, *Pimelodus*, 184
equestris, *Arius*, 33
equinus, *Copidoglanis*, 348
equinus, *Neosilurus*, 348
erebennus, *Amiurus*, 205
Eremophilini, 403
Eremophilus, 403, 404
Eremophilus camposi, 408
Eremophilus candidus, 416
Eremophilus mutisii, 404
Erethistes, 382, 384, 444
Erethistes maesotensis, 384
Erethistes pusillus, 384
Erethistes pussilus, 384
Erethistidae, 382
Erethistides, 382
Erethistoides, 382
Erethistoides ascita, 384
Erethistoides cavatura, 384
Erethistoides infuscatus, 442
Erethistoides montana, 384
Erethistoides montana pipri, 384
Erethistoides pipri, 384
Erethistoides sicula, 384
eriarcha, *Rhamdella*, 196
eriarcha, *Rhamdia*, 196
ericae, *Hypostomus*, 253
ericius, *Hypostomus*, 253
erinaceus, *Ancistrus*, 221
erinaceus, *Hypostomus*, 221
Ernstichthys, 60
Ernstichthys anduzei, 60
Ernstichthys intonsus, 60
Ernstichthys megistus, 60
erythrogaster, *Silurus* (*Callichrus*), 373
Erythroptera, *Silurus maculatus*, 209
erythrurus, *Urinophilus*, 427
esamesae, *Clarias*, 146
esmeraldas, *Paracetopsis*, 135
esperanzae, *Corydoras*, 117
espiritasantensis, *Neoplecostomus*, 273
essequibensis, *Leptoglanis*, 187
essequibensis, *Leptorhamdia*, 187
estuarius, *Ayarnangra*, 382
etentaculatum, *Hypostoma*, 291
etentaculatus, *Pterygoplichthys*, 291
Euacanthagenys, 296
Euacanthagenys caquetae, 296
euacanthagenys, *Spatuloricaria*, 296
Euanemini, 68
Euanemus, 68, 71
Euanemus brachyurus, 72
Euanemus colymbetes, 71, 72
Euanemus longipinnis, 74
Euanemus nigripinnis, 72
Euchilichthys, 308
Euchilichthys astatodon, 308

- Euchilichthys boulengeri*, 309
Euchilichthys dybowskii, 309
Euchilichthys guentheri, 309
Euchilichthys habereri, 309
Euchilichthys royauxi, 309
Euchiloglanis, 384
Euchiloglanis davidi, 385
Euchiloglanis gracilicaudata, 398
Euchiloglanis hodgarti, 398
Euchiloglanis kamengensis, 399
Euchiloglanis kishinouyei, 385
Euchiloglanis longicauda, 399
Euchiloglanis macrotrema, 399
Euchiloglanis myzostoma, 399
Euchiloglanis sinensis, 399
Eucliptosternum, 387
eugeneiatus, *Callichrous*, 369
eugeneiatus, *Kryptopterus*, 369
Euglyptosternum lineatum, 388
Eumeda, 347
Eumeda elongata, 347, 348
eupogoides, *Pseudobagrus*, 107
eupogon, *Clarias*, 153
eupogon, *Pelteobagrus*, 100
eupogon, *Pseudobagrus*, 100
eupogon, *Xenoclaras*, 153
euptera, *Synodontis*, 314
eupterus, *Synodontis*, 314
Euristhmus, 346
Euristhmus lepturus, 346
Euristhmus microceps, 346
Euristhmus microphthalmus, 442
Euristhmus nudiceps, 346
Euristhmus sandrae, 442
eurycephalus, *Aspidoras*, 109
eurycephalus, *Hemipsilichthys*, 279
eurycephalus, *Pareiorhaphis*, 279
Eurycheilichthys, 236
Eurycheilichthys limulus, 236
Eurycheilichthys pantherinus, 236
Eurycheilus, 236
Eurycheilus pantherinus, 236
euryodon, *Bathyclarias*, 136
euryodon, *Dinotopterus*, 136
eurystoma, *Microglanis*, 354
eurystomus, *Satan*, 216
eurystomus, *Synodontis*, 305, 319
eustictus, *Ancistrus*, 221
eustictus, *Pristiancistrus*, 219, 221
eutaenia, *Pimelodella*, 191
Eutropiellus, 360
Eutropiellus buffei, 361
Eutropiellus kasai, 360, 361
Eutropiellus vandeweyeri, 361
Eutropiichthys, 358
Eutropiichthys burmannicus, 358
Eutropiichthys murius, 358
Eutropiichthys vacha, 358
Eutropius, 362
Eutropius altipinnis, 365
Eutropius angolensis, 363
Eutropius ansorgii, 363
Eutropius banguelensis, 363
Eutropius bocagii, 363
Eutropius bomae, 363
Eutropius brachypterus, 362
Eutropius brevianalis, 363
Eutropius cameronensis, 365
Eutropius congolensis, 363, 364
Eutropius debauwi, 361
Eutropius depressirostris, 364
Eutropius djemeri, 363
Eutropius durinii, 363
Eutropius eclipsis, 363
Eutropius gastratus, 363
Eutropius grenfelli, 363
Eutropius laticeps, 364
Eutropius lemairii, 364
Eutropius liberiensis, 364
Eutropius longifilis, 361
Eutropius macropthalmos, 361, 362
Eutropius mandibularis, 364
Eutropius mentalis, 364
Eutropius micropogon, 364
Eutropius möbiusii, 364, 365
Eutropius moebii, 365
Eutropius multilineatus, 365
Eutropius multitaeniatus, 365
Eutropius nasalis, 363
Eutropius nyongensis, 365
Eutropius obtusirostris, 365
Eutropius seraoi, 363
Eutropius tumbanus, 365
Eutropius yangambianus, 365
Evansii, *Loricaria*, 296
evansii, *Spatuloricaria*, 296
evelynae, *Corydoras*, 117
evermanni, *Tachysurus*, 40
Exallodontus, 333
Exallodontus aguanai, 333
exaratus, *Callichthys*, 129
Exastilithoxus, 236
Exastilithoxus fimbriatus, 237
Exastilithoxus hoedemani, 237
Exilichthys, 346
exilis, *Noturus*, 212
exilis, *Trachelyichthys*, 78
existimatus, *Centromochlus*, 73
exodon, *Bagrus*, 359
exodon, *Glyptothorax*, 389
Exostoma, 382, 385
Exostoma andersonii, 386
Exostoma bermorei, 385
Exostoma Blythii, 396
Exostoma Feae, 398
Exostoma gracile, 387
Exostoma labiatum, 385
Exostoma labrax, 387
Exostoma macropterum, 398
Exostoma Oschanini, 402
Exostoma stoliczkae, 387
Exostoma Vinciguerrae, 385
Exostomatina, 382
exsudans, *Pimelodus*, 196
exsudans, *Rhamdella*, 196
Eydouxii, *Galeichthys*, 38
F
fabricioi, *Callichthys*, 111
Fajumia, 428
Fajumia menoni, 429
Fajumia misrai, 429
Fajumia schweinfurthi, 428, 429
Fajumia stromeri, 429
falcarius, *Arius*, 34
falcarius, *Mystus*, 95
falcarius africana, *Arius*, 31
falcarius var. *africana*, *Arius*, 31
falcifer, *Acrochordonichthys*, 12
falconeri, *Clarias*, 143
fallax, *Hemiloricaria*, 245
fallax, *Loricaria* (*Loricariichthys*), 245
fangi, *Arius*, 34
fangi, *Pseudobagrus*, 101
Farlowella, 217, 237
Farlowella acestrichthys, 238
Farlowella acus, 237
Farlowella acus venezuelensis, 239
Farlowella agustini, 240
Farlowella altocorpus, 444
Farlowella amazona, 237
Farlowella amazonum, 237
Farlowella angosturae, 240
Farlowella azygia, 238
Farlowella boliviana, 238
Farlowella carinata, 237
Farlowella colombiensis, 237
Farlowella curtirostra, 237
Farlowella gladiolus, 237
Farlowella gracilis, 237
Farlowella guaricensis, 240
Farlowella hahni, 238
Farlowella hargreavesi, 238
Farlowella hasemani, 238
Farlowella henriquei, 238
Farlowella isbruckeri, 238
Farlowella jauruensis, 238
Farlowella jauruënsis, 238
Farlowella knerii, 238
Farlowella latisoma, 239
Farlowella mariaelenae, 238
Farlowella martini, 238
Farlowella nattereri, 238
Farlowella odontotumulus, 238
Farlowella oliveirae, 237
Farlowella oxyrryncha, 239
Farlowella paraguayensis, 239
Farlowella paranaënsis, 237

- Farlowella parvicarinata*, 239
Farlowella platorynchus, 239
Farlowella pleurotaenia, 237
Farlowella pseudogladidolus, 237
Farlowella reticulata, 239
Farlowella roncallii, 240
Farlowella rugosa, 239
Farlowella schreitmuelleri, 239
Farlowella schreitmuelleri, 239
Farlowella smithi, 239
Farlowella taphorni, 239
Farlowella venezuelensis, 239
Farlowella vittata, 239
 Farlowellidi, 217
farsonensis, *Hypsidoris*, 203
fasciata, *Phractura*, 26
fasciata, *Schilbe senegalensis*, 364
fasciatum, *Pseudoplatystoma*, 341
fasciatum brevefile, *Pseudoplatystoma*, 341
fasciatum intermedium, *Pseudoplatystoma*, 341
fasciatum nigricans, *Pseudoplatystoma*, 341
fasciatum reticulatum, *Pseudoplatystoma*, 341
fasciatus, *Auchenoglanis*, 163
fasciatus, *Chiloglanis*, 306
fasciatus, *Nannoglanis*, 187, 188
fasciatus, *Noturus*, 212
fasciatus, *Silurus*, 340, 341
fasciolatus, *Batasio*, 442
fascipinna, *Synodontis*, 314
fassli, *Pygidium*, 418
fassli, *Trichomycterus*, 418
fasslii, *Pygidium*, 418
faeae, *Exostoma*, 398
faeae, *Pareuchiloglanis*, 398
faliceps, *Galeichthys*, 43
Felichthys, 37
Felichthys amblops, 79
Felichthys filamentosus, 37
Felichthys flavescens, 76
Felichthys stauroforus, 32
felinus, *Pimelodus*, 205
felipponei, *Loricaria*, 294
felipponei, *Rineloricaria*, 294
felis, *Ariopsis*, 33
felis, *Pimelodus*, 206
felis, *Silurus*, 33
ferox, *Silurus*, 431
ferrarisii, *Niobichthys*, 274
ferreirai, *Cetopsidium*, 130
ferula, *Pseudolaguvia*, 442
festae, *Arges*, 64
festae, *Arius*, 56
festae, *Astroblepus*, 64
festae, *Plecostomus*, 263
festinus, *Arius*, 34
festivum, *Sturisoma*, 299
figueroai, *Pimelodella*, 191
filamentissima, *Harttia*, 264
filamentosa, *Cetopsorhamdia*, 182
filamentosa, *Dasylicaria*, 233
filamentosa, *Hara*, 395
filamentosa, *Harttia*, 263, 264
filamentosa, *Loricaria*, 233
filamentosa, *Synodontis*, 314
filamentosa latiura, *Loricaria*, 233
filamentosa seminuda, *Loricaria*, 234
filamentosum, *Brachyplatystoma*, 330
filamentosus, *Aspredinichthys*, 57
filamentosus, *Aspredo*, 57
filamentosus, *Bagrus*, 84
filamentosus, *Chrysichthys*, 155
filamentosus, *Corydoras*, 117
filamentosus, *Felichthys*, 37
filamentosus, *Lamontichthys*, 263
filamentosus, *Pimelodes*, 330
filamentosus, *Synodontis*, 314
filamentus, *Hemibagrus*, 88
filamentus, *Macrones (Hemibagrus)*, 88
filicaudata, *Peckoltia*, 284
filicaudatus, *Peckoltichthys*, 283, 284
filicibarbis, *Bathyclarias*, 148
filicibarbis, *Dinotopterus*, 148
filifer, *Akysis*, 16
filifer, *Pseudobagarius*, 16
filinemus, *Phyllonemus*, 164
fimbriata, *Cetopsis*, 132
fimbriata, *Loricaria*, 297
fimbriata, *Spatuloricaria*, 297
fimbriatus, *Doras*, 167
fimbriatus, *Exastilithoxus*, 237
fimbriatus, *Hypophthalmus*, 333
fimbriatus, *Otocinclus*, 271
fimbriatus, *Pseudacanthicus (Lithoxus)*, 236, 237
fimbriatus, *Pseudocanthicus (Lithoxus)*, 237
firestonei, *Paramphilius*, 25
fisadoha, *Plotosus*, 350
fischeri, *Chaetostoma*, 228
Fischeri, *Chaetostomus*, 228
fisheri, *Trachelyopterus*, 79
fisheri, *Trachycorystes*, 79
fissidens, *Arges*, 64
fissidens, *Astroblepus*, 64
fissipinnis, *Heptapterus*, 184
fissus, *Arius*, 39
flabelliferus, *Ochmacanthus*, 409
flagellaris, *Plecostomus*, 268
flava, *Loricaria*, 259
flavater, *Noturus*, 212
flaveolus, *Corydoras*, 117
flavescens, *Bagrus*, 54
flavescens, *Felichthys*, 76
flavescens, *Pseudauchenipterus*, 76
flavicans, *Bagrus*, 344
flavipinnis, *Noturus*, 212
flavipinnis, *Pimelodina*, 336
flavipinnis, *Pimelodus (Pimelodina)*, 336
flavipinnis, *Pseudomystus*, 103
flavitaeniata, *Synodontis*, 314
flavitaeniatus, *Synodontis*, 314
flavolineatus, *Plotosus*, 345
flavomaculatus, *Leptoglanis*, 28
flavomaculatus, *Zaireichthys*, 28
flavopictus, *Doras (Agamyxis)*, 168
flavus, *Bagrus*, 90
flavus, *Hyalobagrus*, 92
flavus, *Noturus*, 211, 212
flexilis, *Macrotocinclus*, 271
flexilis, *Otocinclus*, 271, 272
florense, *Pygidium*, 414
fluviatilis, *Hypostomus*, 253
fluviatilis, *Leiocassis*, 85
fluviatilis, *Mystus*, 164
fluviatilis, *Plecostomus*, 253
Fluvidraco, 101
foina, *Pimelodus*, 197
foina, *Rhamdia*, 197
fokiensis, *Glyptosternum*, 389
fokiensis, *Glyptothorax*, 389
fonchii, *Hypostomus*, 253
Fonchiüichthys, 240
Fonchiüichthys rupestris, 240
Fonchiüichthys uracanthus, 240
foratum, *Amblyceps*, 18
fordicei, *Auchenipterus*, 72
Fordii, *Chaetostomus*, 286
fordii, *Pseudacanthicus*, 286
forficulatus, *Hypodoras*, 172
formosa, *Hemiloricaria*, 245
formosa, *Rineloricaria*, 245
formosanus, *Liobagrus*, 19
formoso, *Ancistrus*, 221
formosus, *Astroblepus*, 64
fortis, *Hemibagrus*, 88
fortis, *Macrones*, 88
fortis capitulum, *Macrones*, 88
fortis var. capitulum, *Macrones*, 88
fossilis, *Heteropneustes*, 151
fossilis, *Silurus*, 151
fossor, *Pimelodes*, 431
Fouloni, *Clarias*, 148
foveolata, *Pseudolaguvia*, 401
foveolatus, *Clarias*, 149
foveolatus, *Dinotopterus*, 149
fowleri, *Cephalosilurus*, 353
fowleri, *Corydoras*, 117
fowleri, *Cteniloricaria*, 233
Fowleri, *Oxyloricaria*, 233
fowleri, *Pangasius*, 328
Fraasi, *Arius*, 56

- francirochai*, *Hisonotus*, 248
francirochai, *Otocinclus*, 248
francisci, *Hypostomus*, 254
francisci, *Plecostomus*, 254
Franciscodoras, 171
Franciscodoras marmoratus, 171
franciscoensis, *Neoplecostomus*, 273
frankei, *Aphanotorulus*, 225, 226
freiei, *Ageneiosus*, 70
frenata, *Brachyglanis*, 180
frenata, *Loricaria*, 299
frenatum, *Sturisoma*, 299
frenatus, *Astroblepus*, 64
frenatus, *Brachyglanis*, 180
frenatus, *Oreoglanis*, 397
frenatus, *Rhamdioglanis*, 202
froggatti, *Arius*, 42
froggatti, *Cinetodus*, 42
frontosa, *Synodontis*, 314
frontosus, *Synodontis*, 314
fuelleborni, *Synodontis*, 315
fuertthii, *Cathorops*, 39
fuesslii, *Dolichancistrus*, 235
fugleri, *Hemiancistrus*, 243
fui, *Pseudobagrus*, 107
fukiensis, *Glyptothorax*, 389
fukiensis fukiensis, *Glyptothorax*, 389
fukiensis hainanensis, *Glyptothorax*, 390
fukiensis honghensis, *Glyptothorax*, 390
fukiensis honghenensis, *Glyptothorax*, 390
fuliginatus, *Akysis*, 14
fuliginosus, *Hemiancistrus*, 243
fulva, *Xenocara*, 221
fulvidraco, *Pelteobagrus*, 100
fulvi-draco, *Pimelodus*, 100
fulvus, *Ancistrus*, 221
fumidus, *Ompok*, 372
fumosus, *Pseudomystus*, 103
funebri, *Noturus*, 212
funnelli, *Corydoras*, 119
fur, *Pimelodus*, 337
fur, *Pseudorhamdia*, 337
furcata, *Peckoltia*, 284
furcatus, *Auchenipterus*, 76
furcatus, *Chaetostomus*, 284
furcatus, *Chrysichthys*, 156
furcatus, *Hemibagrus*, 88
furcatus, *Ictalurus*, 208, 211
furcatus, *Nemasiluroides*, 361
furcatus, *Pimelodus*, 208, 209
furcifer, *Pimelodus*, 210
Furcodontichthys, 240
Furcodontichthys novaesi, 240
furiosus, *Noturus*, 211, 212
furnessi, *Apodoglanis*, 375, 376
furnessi, *Pterocryptis*, 376
- Fürthii*, *Arius*, 39
Fuscatus, *Silurus lividus*, 205
fuscoguttatus, *Aspidoras*, 109
fuscum, *Pygidium*, 427
fuscus, *Akysis*, 16
fuscus, *Ancharius*, 29
fuscus, *Bagrus*, 95
fuscus, *Clarias*, 142
fuscus, *Glyptothorax*, 389
fuscus, *Leiocassis*, 103
fuscus, *Macropteronotus*, 142
fuscus, *Neobagrus*, 19, 20
fuscus, *Pseudobagarius*, 16
fuscus, *Pseudomystus*, 103
Fusiloricaria, 268
füsslii, *Ancistrus*, 235
- G**
gabardinii, *Ageneiosus*, 69
gabonensis, *Clarias*, 142
gabrieli, *Pygidium*, 418
gabrieli, *Trichomycterus*, 418
gadense, *Nigerium*, 98
Gagata, 385
Gagata cenia, 386
Gagata dolichonema, 386
Gagata gagata, 386
Gagata gasawuyuh, 386
Gagata itchkeea, 386
Gagata melanoptera, 386
Gagata melanopterus, 386
Gagata pakistanica, 386
Gagata sexualis, 386
Gagata typus, 386
Gagata youssoufi, 386
gagata, *Gagata*, 385, 386
gagora, *Arius*, 34
gagora, *Pimelodus*, 34
gagorides, *Bagrus*, 35
gagoroides, *Arius*, 35
galani, *Ancistrus*, 221
galaxias, *Leporacanthicus*, 265
galaxias, *Tatia*, 77
galeatus, *Silurus*, 79
galeatus, *Trachelyopterus*, 79
Galeichthys, 43
Galeichthys aequus, 435
Galeichthys aguadulce, 39
Galeichthys angelicus, 434
Galeichthys araguayensis, 339
Galeichthys ater, 43
Galeichthys azureus, 33
Galeichthys bahiensis, 38
Galeichthys Blochii, 38
Galeichthys bonillai, 33
Galeichthys eigenmanni, 33
Galeichthys Eidouxii, 38
Galeichthys Eydouxii, 38
Galeichthys feliceps, 43
Galeichthys gilberti, 33
- Galeichthys Gronovii*, 37
Galeichthys guentheri, 33
Galeichthys ocellatus, 43
Galeichthys Parrae, 38
Galeichthys peruvianus, 43
Galeichthys simonsi, 33
Galeichthys stanneus, 49
Galeichthys xenauchen, 33
galinae, *Synodontis*, 323
gallowayi, *Schilbeodes*, 212
gambensis, *Pimelodus*, 54
gambiensis, *Synodontis*, 315
gambiensis latifrons, *Synodontis*, 315
gameroi, *Entomocorus*, 74
gangelica, *Pterocryptis*, 375, 376, 377
gangetica, *Silundia*, 366
Gangra, 395
garavello, *Harttia*, 241
garavello, *Microglanis*, 354
garbei, *Corydoras*, 117
garbei, *Hemipsilichthys*, 279
garbei, *Pareiorhaphis*, 279
garbei, *Pimelodela*, 189
garciaabarrigai, *Pimelodus*, 337
garcia-barrigai, *Pimelodus*, 337
garhwali, *Glyptothorax*, 389
garipepinus, *Clarias*, 140, 143, 148
garipepinus, *Silurus (Heterobranchus)*, 143
garmani, *Hypostomus*, 254
garmani, *Plecostomus*, 254
garua, *Clupisoma*, 357
garua, *Silurus*, 357
gasawuyuh, *Gagata*, 386
gastratus, *Eutropius*, 363
Gastrodermus, 111
gaudryi, *Silurus*, 432
Gelanoglanis, 73, 74
Gelanoglanis nanonotocolus, 74
Gelanoglanis stroudi, 74
gelatinosus, *Malacoglanis*, 408
geledensis, *Synodontis*, 315
geminus, *Kryptopterus*, 369
genibarbis, *Pseudorinelepis*, 289
genibarbis, *Rinelepis*, 289
Genidens, 32, 43
Genidens barbatus, 44
Genidens cuvieri, 44
Genidens genidens, 44
Genidens granulosus, 44
Genidens machadoi, 44
Genidens planifrons, 44
Genidens valenciennesii, 44
genidens, *Genidens*, 44
genidens, *Pimelodus*, 43, 44
genisetiger, *Pseudancistrus*, 287
geoffroy, *Corydoras*, 111, 117
Geoffroyi, *Heterobranchus*, 150
Gephyroglanidini, 153

- Gephyroglanis*, 153, 160
Gephyroglanis barnardi, 81
Gephyroglanis congicus, 160, 161
Gephyroglanis gigas, 157
Gephyroglanis gilli, 81
Gephyroglanis gymnorrhynchus, 161
Gephyroglanis habereri, 161
Gephyroglanis longipinnis, 157
Gephyroglanis lowei, 158
Gephyroglanis ogoensis, 158
Gephyroglanis ogoensis, 158
Gephyroglanis rotundiceps, 28
Gephyroglanis sclateri, 81
Gephyroglanis tilhoi, 155
Gephyroglanis velifer, 157
Gephyromochlus, 75
germanicus, *Otolithus* (*Arius*), 434
geryi, *Corydoras*, 117
geryi, *Pimelodella*, 191
gibbiceps, *Ancistrus*, 291
gibbiceps, *Pterygoplichthys*, 291
gibbiceps, *Silurichthys*, 377
gibbosa, *Lampiella*, 264
gibbosus, *Chaetostomus*, 278
gibbosus, *Otocinclus*, 264
gigantea, *Vandellia*, 427
giganteus, *Trichomycterus*, 418
gigas, *Arius*, 31, 56
gigas, *Bagarius*, 383
gigas, *Bathyclarias*, 149
gigas, *Chaetostomus*, 272
gigas, *Dinotopterus*, 149
gigas, *Gephyroglanis*, 157
gigas, *Pangasianodon*, 325
gigas, *Platystoma*, 330
gigas, *Xiurenbagrus*, 20
gilberti, *Galeichthys*, 33
gilberti, *Noturus*, 213
gilberti, *Silurus*, 376
gilli, *Austroglanis*, 81
gilli, *Clarias*, 146
gilli, *Gephyroglanis*, 81
gilli, *Rhamdella*, 196
gilli, *Rhamdia*, 196
Ginesia, 330
Ginesia cunaguaro, 330, 331
gjellerupi, *Copidoglanis*, 348
gjellerupi, *Neosilurus*, 348
glaber, *Auchenipterus*, 80
glaber, *Conorhynchus*, 28
glaber, *Otolithus* (*Arius* ?), 435
gladiator, *Noturus*, 213
Gladioglanis, 183
Gladioglanis conquistador, 183
Gladioglanis machadoi, 183
gladiolus, *Acestra*, 237
gladius, *Acestra*, 239
gladysae, *Phractura*, 26
Glanapteryginae, 403
Glanapteryx, 403, 404
Glanapteryx anguilla, 404
Glanapteryx niobium, 405
Glanidium, 75
Glanidium albescens, 75
Glanidium bockmanni, 75
Glanidium catharinensis, 75
Glanidium cesarpintoi, 75
Glanidium leopardum, 75
Glanidium melanopterum, 75
Glanidium neivai, 77
Glanidium piresi, 78
Glanidium ribeiroi, 75
Glanis, 37, 378
Glanis Aristotelis, 378
glanis aralensis, *Silurus*, 379
glanis, *Silurus*, 378, 379
Glyphyropoma, 405
Glyphyropoma rodriguessi, 405
Glaridoglanis, 386
Glaridoglanis andersonii, 386
glencoensis, *Copidoglanis*, 348
gloveri, *Neosilurus*, 348
Glyptocephalus, 432
Glyptocephalus radiatus, 432, 433
Glyptoperichthys, 290
Glyptoperichthys joselimaianus, 291
Glyptoperichthys parnaibae, 292
Glyptoperichthys xinguensis, 292
Glyptosterni, 382
Glyptosternon, 382, 387
Glyptosternon akhtari, 387
Glyptosternon hainanensis, 390
Glyptosternon interspinalum, 390
Glyptosternon labiatus, 385
Glyptosternon maculatum, 387
Glyptosternon malaisei, 387
Glyptosternon minutum, 393
Glyptosternon Nieuwenhuisi, 392
Glyptosternon pectinopterus, 392
Glyptosternon punctatum, 389
Glyptosternon quadriocellatum, 393
Glyptosternon reticulatum, 387
Glyptosternon reticulatus, 387
Glyptosternon retuculatus, 387
Glyptosternon striatus, 387, 394
Glyptosternon sulcatus, 400
Glyptosternum, 387
Glyptosternum akhtari, 387
Glyptosternum armeniacum, 388
Glyptosternum chaudhurii, 385
Glyptosternum conirostre, 389
Glyptosternum dekkanense, 391
Glyptosternum fokiensis, 389
Glyptosternum gracile, 390
Glyptosternum hodgarti, 398
Glyptosternum kükenthali, 391
Glyptosternum kurdistanicum, 390
Glyptosternum laak, 395
Glyptosternum madraspatanum, 391
Glyptosternum modestum, 389
Glyptosternum pallozonum, 388, 392
Glyptosternum saisii, 393
Glyptosternum sinense, 393
Glyptosternum Stoličkae, 393
Glyptosternum steindachneri, 393
Glyptosternum stuarti, 385
Glyptosternum sykesi, 394
Glyptosternum tong, 395
Glyptosternum yunnanensis, 401
Glyptothoracini, 382
Glyptothorax, 382, 387
Glyptothorax alaknandi, 388
Glyptothorax anamalaiensis, 388
Glyptothorax annandalei, 388
Glyptothorax armeniacus, 388
Glyptothorax botius, 388
Glyptothorax brevipinnis, 388
Glyptothorax brevipinnis alaknandi, 388
Glyptothorax buehneri, 388
Glyptothorax burmanicus, 388
Glyptothorax callopterus, 388
Glyptothorax cavia, 388
Glyptothorax coheni, 388, 389
Glyptothorax conirostre poonaensis, 395
Glyptothorax conirostris, 389, 395
Glyptothorax conirostris punjabensis, 393
Glyptothorax cous, 31, 389
Glyptothorax dakpathari, 389
Glyptothorax davissinghi, 389
Glyptothorax deqinensis, 389
Glyptothorax dorsalis, 389
Glyptothorax exodon, 389
Glyptothorax fokiensis, 389
Glyptothorax fukiensis fukiensis, 389
Glyptothorax fukiensis hainanensis, 390
Glyptothorax fukiensis honghensis, 390
Glyptothorax fukiensis honghenensis, 390
Glyptothorax fuscus, 389
Glyptothorax garhwali, 389
Glyptothorax gracilis, 389, 390
Glyptothorax hainanensis, 390
Glyptothorax honghensis, 390
Glyptothorax horai, 390
Glyptothorax housei, 390
Glyptothorax indicus, 390
Glyptothorax interspinalis, 390
Glyptothorax jalalensis, 390
Glyptothorax kashmirensis, 390, 393
Glyptothorax kurdistanicus, 390
Glyptothorax lampris, 391
Glyptothorax laosensis, 391

- Glyptothorax lonah*, 391, 394
Glyptothorax longicauda, 391
Glyptothorax longinema, 394
Glyptothorax longjiangensis, 391
Glyptothorax macromaculatus, 391
Glyptothorax madraspatanus, 391
Glyptothorax major, 391
Glyptothorax manipurensis, 391
Glyptothorax merus, 390
Glyptothorax minimaculatus, 391
Glyptothorax minutus, 391, 392, 393
Glyptothorax naziri, 392
Glyptothorax nelsoni, 392
Glyptothorax nieuwenhuisi, 392
Glyptothorax obscura, 392
Glyptothorax obscurus, 392
Glyptothorax pallozonus, 392
Glyptothorax panda, 392
Glyptothorax pectinopterus, 392
Glyptothorax platypogon, 392
Glyptothorax platypogonides, 392
Glyptothorax platypogonoides, 392
Glyptothorax prashadi, 393
Glyptothorax punjabensis, 393
Glyptothorax quadriocellatus, 393
Glyptothorax rubermentus, 394
Glyptothorax saisii, 393
Glyptothorax siamensis, 393
Glyptothorax silviae, 393
Glyptothorax sinensis, 393
Glyptothorax spectrum, 393
Glyptothorax steindachneri, 393
Glyptothorax stocki, 393
Glyptothorax stolickaе, 393
Glyptothorax striatus, 394
Glyptothorax sufii, 394
Glyptothorax sykesi, 394
Glyptothorax telchitta, 394
Glyptothorax telchitta sufii, 394
Glyptothorax trewavasae, 394
Glyptothorax trilineatoides, 394
Glyptothorax trilineatus, 394
Glyptothorax tuberculatus, 401, 402
Glyptothorax ventrolineatus, 394
Glyptothorax zainaensis, 394
Glyptothorax zanaensis, 394
Glyptothorax zhujiangensis, 394
Gnathobagrus, 161
Gnathobagrus depressus, 161
gnomus, *Panaqolus*, 277
gnomus, *Panaque*, 277
goae, *Silurus*, 374
Gobibagrus, 87
Gobibagrus hoerdzanicus, 87
gobio, *Hemipsilichthys*, 247
gobio, *Xenomystus*, 247
gobioides, *Cetopsis*, 131, 132
gobroni, *Synodontis*, 315
godavarii, *Pangasius pangasius*, 327
godfreyi, *Tachysurus (Pararius)*, 45
godmanni, *Pimelodus*, 200
Goeldiella, 184
Goeldiella eques, 184
goeldii, *Brachyplatystoma*, 330
goeldii, *Cheirocerus*, 332
goeldii, *Duoplatinus*, 340
goeldii, *Pimelodina*, 332
goeldii, *Trichomycterus*, 418
Gogangra, 395
Gogangra laevis, 395
Gogangra viridescens, 395
Gogo, 29
Gogo arcuatus, 29
Gogo brevibarbis, 29
Gogo ornatus, 29
gogra, *Phractocephalus*, 105
gogra, *Rita*, 105
Gogrius, 105
Gogrius sykesii, 105
Goliath, *Bagrus*, 331
gomesi, *Plecostomus*, 298
gomesi, *Squaliforma*, 298
gomezi, *Corydoras*, 117
gongshanensis, *Pareuchiloglanis*, 398
goniaspis, *Arius*, 52
Gonocephalus, 160
gonzalezi, *Amblydoras*, 168
gonzalezi, *Zathorax*, 168
goodi, *Paramphilius*, 25
goongwaree, *Hypophthalmus*, 362
goongwaree, *Proeutropiichthys*, 362
gorgona, *Trichomycterus*, 418
Goslinia, 330
gossei, *Corydoras*, 118
gossei, *Malapterurus*, 302
gouldingi, *Helogenes*, 134
gouldingi, *Stauroglanis*, 413
goyazensis, *Hypostomus*, 254
goyazensis, *Plecostomus*, 254
gracile, *Exostoma*, 387
gracile, *Glyptosternum*, 390
gracilicaudata, *Euchiloglanis*, 398
gracilicaudatus, *Pareuchiloglanis*, 398
graciliformis, *Schmidelia*, 432
gracilior, *Ituglanis*, 407
gracilior, *Pygidium*, 407
gracilis, *Clarias*, 144
gracilis, *Corydoras*, 118
gracilis, *Epactionotus*, 236
gracilis, *Farlowella*, 237
gracilis, *Glyptothorax*, 389, 390
gracilis, *Harttia*, 241
gracilis, *Hemibagrus*, 88
gracilis, *Pimelodella*, 191
gracilis, *Pimelodus*, 191, 196, 210
gracilis, *Osteogeneiosus*, 51
gracilis, *Pseudopapterus*, 76
gracilis, *Pseudobagrus*, 102
gracilis, *Schultzichthys*, 413
gracilis, *Trichomycterus*, 422
graciosa, *Homodiaetus*, 406
graciosus, *Pimelodus*, 210
Graeffei, *Arius*, 47
graeffei, *Neoarius*, 47
grafi, *Corydoras*, 113
grahami, *Silurus*, 379
grammatophorus, *Amphilius*, 22, 23
grammatophorus brevipinna, *Amphilius*, 22
grammatophorus inaequalis, *Amphilius*, 23
grammatophorus marmoratus, *Amphilius*, 23
grandicassis, *Arius*, 49, 50
grandicassis, *Notarius*, 50
grandiops, *Synodontis*, 445
grandis, *Amphilius*, 23
grandis, *Auchenoglanis*, 163
grandis, *Chrysichthys*, 156
grandis, *Parakysis*, 15
grandis, *Socnopaea*, 430
grandiscutata, *Rita*, 105
grandoculis, *Arius*, 53
grandoculis, *Potamarius*, 53
granducolis, *Arius*, 53
grangeri, *Rhineastes*, 432
granosus, *Arius*, 54
granosus, *Hypostomus*, 273
granosus, *Neoplecostomus*, 273
granulosa, *Synodontis*, 315
granulatus, *Arius*, 32
granulosus, *Doras*, 177
granulosus, *Genidens*, 44
granulosus, *Pterodoras*, 177
granulosus, *Synodontis*, 315
graueri, *Chrysichthys*, 156
gravoti, *Auchenoglanis ballayi*, 162
greeni, *Chaetostoma*, 228
grenfelli, *Eutropius*, 363
grenfelli, *Schilbe*, 363
greshoffi, *Synodontis*, 315
griffini, *Pimelodella*, 191
grisea, *Pimelodella*, 191
griseus, *Ancharius*, 29
griseus, *Corydoras*, 118
griseus, *Limatulichthys*, 266
griseus, *Loricaria*, 266
griseus, *Pimelodus (Pimelodella)*, 191
grixalvii, *Astroblepus*, 63, 64
grixalvii micrescens, *Astroblepus*, 65
Gronias, 204
Gronias nigrilabris, 204, 206
Gronovii, *Galeichthys*, 37
gronovii, *Aspredo*, 58, 60
grosskopfii, *Pimelodus*, 338

- grosskopfii*, *Pimelodus* (*Pimelodus*), 338
grosskopfii navarroi, *Pimelodus*, 338
grunniens, *Pimelodus*, 336
grypus, *Anadoras*, 169
grypus, *Doras*, 169
guacamaya, *Typhlobelus*, 426
guacari, *Hypostomus*, 250, 258
guacharote, *Ancistrus*, 225
guacharote, *Hypostomus*, 265
guacharote, *Lasiancistrus*, 265
guahiborum, *Hemiancistrus*, 243
guairense, *Chaetostoma*, 228
guairensis, *Chaetostomus*, 228
guairensis, *Rhamdia*, 198
guapore, *Corydoras*, 118
guapore, *Lasiancistrus*, 265
guaraquessaba, *Trichomycterus*, 418
guaricensis, *Farlowella*, 240
guasarensis, *Rhamdia*, 197
guatemalensis, *Ariopsis*, 33
guatemalensis, *Arius*, 33
guatemalensis, *Pimelodus*, 200
guatemalensis decolor, *Rhamdia*, 202
guatemalensis muriei, *Rhamdia*, 202
guatemalensis stygaea, *Rhamdia*, 202
guayaberensis, *Medemichthys*, 188
guayaberensis, *Ituglanis*, 407
guayaberensis, *Pygidium metae*, 407
guayoensis, *Deltadoras*, 173
guayoensis, *Megalodoras*, 173
guentheri, *Ancistrus*, 287
guentheri, *Astroblepus*, 64
guentheri, *Atopochilus*, 308
guentheri, *Clarias*, 143
guentheri, *Euchilichthys*, 309
guentheri, *Galeichthys*, 33
guentheri, *Hypoptopoma*, 250
guentheri, *Microlepidogaster*, 296
guentheri, *Pseudancistrus*, 287
guentheri, *Oxyloricaria*, 299
guentheri, *Sturisoma*, 299
guentheri, *Stygogenes*, 64
Guentheri, *Synodontis*, 309
guianense, *Hypoptopoma*, 250
guianense, *Pygidium*, 418
guianensis, *Ageneiosus* 70
guianensis, *Corydoras*, 118
guianensis, *Harttia*, 241
guianensis, *Pygidium*, 418
guianensis, *Trichomycterus*, 418
guineensis, *Clarias*, 141
Guirali, *Pimelodus*, 162
Guiritinga, 43
gulare, *Hypoptopoma*, 249, 250
gulio, *Bagrus*, 93
gulio, *Mystus*, 95
gulio, *Pimelodus*, 93, 95
gulioides, *Bagrus*, 95
gulosus, *Tachisurus*, 40
guntheri, *Microlepidogaster*, 295
guntheri, *Schizolecis*, 295
güntheri, *Atopochilus*, 309
güntheri, *Ancistrus*, 287
güntheri, *Microlepidogaster*, 296
guppyi, *Pseudauchenipterus*, 76
gurgu, *Silurus*, 431
guttata, *Synodontis*, 315
guttatus, *Acrochordonichthys*, 12
guttatus, *Hemibagrus*, 88
guttatus, *Hypostomus*, 287
guttatus, *Imparfinis*, 185
guttatus, *Nannorhamdia*, 185
guttatus, *Parauchenoglanis*, 163
guttatus, *Pimelodus*, 88, 162, 163
guttatus, *Synodontis*, 315
Guyanancistrus, 287
Gymnallabes, 137, 150
Gymnallabes alvarezi, 150
Gymnallabes apus, 137
Gymnallabes nops, 150
Gymnallabes tihoni, 152
Gymnallabes typus, 150
Gymnallabes typus forma *heterocercalis*, 150
Gymnallabes typus heterocercalis, 150
gymnogaster, *Loricaria*, 297
gymnogaster, *Spatuloricaria*, 297
gymnogaster lagoichthys, *Loricaria*, 297
gymnorhynchus, *Ancistrus*, 221
gymnorhynchus, *Gephyroglanis*, 161
gymnorhynchus, *Hypostomus*, 254
gymnorhynchus, *Plecostomus*, 254
gymnorhynchus occidentalis, *Hypostomus*, 257
gymnorhynchus tapanahoniensis, *Hypostomus*, 261
gyrina, *Tatia*, 77
Gyrinurus, 409
Gyrinurus batrachostoma, 409
gyrinus, *Acrochordonichthys* 12
gyrinus, *Centromochlus*, 77
gyrinus, *Noturus*, 213
gyrinus, *Silurus*, 211, 213, 214
H
habereri, *Chrysichthys*, 156
habereri, *Euchilichthys*, 309
habereri, *Gephyroglanis*, 161
habrosus, *Corydoras*, 118
Haemomaster, 405
Haemomaster venezuelae, 405
haemomyzon, *Homodiaetus*, 412
haemomyzon, *Pseudostegophilus*, 412
haggini, *Bunocephalus*, 59
hahni, *Farlowella*, 238
hainanensis, *Glyptosternon*, 390
hainanensis, *Glyptothorax*, 390
hainanensis, *Glyptothorax fukiensis*, 390
hainanensis, *Hemibagrus*, 88
hainanensis, *Leiocassis*, 88
hainesi, *Amisidens*, 32
hainesi, *Arius*, 32
Halepensis, *Bagrus*, 93, 94, 96, 97
hamiltonii, *Chaca*, 135, 136
hamiltonii, *Plotosus* (*Clarias*), 140
hamiltonis, *Arius*, 51
hammarlundi, *Hemiancistrus*, 243
Hammondii, *Pimelodus*, 210
Hancockii, *Doras*, 177
Haplodoras, 173
Hara, 382, 395, 444
Hara buchmanii, 395
Hara elongata, 384
Hara filamentosa, 395
Hara hara, 395, 396
Hara horai, 396
Hara jerdoni, 396
Hara Malabarica, 96
Hara saharai, 396
Hara serrata, 396
Hara serratus, 396
hara, ***Hara***, 396
hara, *Pimelodus*, 395, 396
haraldschultzi, *Corydoras*, 118
harbinger, *Chiloglanis*, 306
hardenbergi, *Arius*, 36
hardenbergi, *Aspistor*, 36
Hardwickii, *Acanthonotus*, 356
Hargerii, *Amphilius*, 23
hargreavesi, *Farlowella*, 238
Harmandi, *Hemiaris*, 31
haroldoi, *Parotocinclus*, 282
hartii, *Pimelodella*, 191
Hartii, *Pimelodus* (*Pseudorhamdia*), 191
Harttia, 217, 240, 440
Harttia caquetae, 300
Harttia carvalhoi, 240
Harttia crassicauda, 242
Harttia depressa, 240
Harttia dissidens, 241
Harttia duriventris, 241
Harttia filamentissima, 264
Harttia filamentosa, 263, 264
Harttia garavelloii, 241
Harttia gracilis, 241
Harttia guianensis, 241
Harttia kronei, 241
Harttia leiopleura, 240, 241
Harttia longipinna, 241
Harttia loricariformis, 240, 241
Harttia merevari, 241
Harttia microps, 290
Harttia nijsseni, 272
Harttia novalimensis, 241

- Harttia punctata*, 241
Harttia rhombocephala, 242
Harttia surinamensis, 242
Harttia torrenticola, 242
Harttia trombetensis, 242
Harttia uatumensis, 242
Harttiella, 242
Harttiella crassicauda, 242
Harttiinae, 217
hartwelli, *Pimelodella*, 192
hasemani, *Auchenipterus* (*Pseudepapterus*), 76
hasemani, *Centrodoras*, 170
hasemani, *Farlowella*, 238
hasemani, *Hemidoras*, 172
hasemani, *Hemiloricaria*, 245
hasemani, *Imparfinis*, 185
hasemani, *Leptodoras*, 172
hasemani, *Otocinclus*, 274
hasemani, *Oxydoras* (*Rhinodoras*) *amazonum*, 170
hasemani, *Pimelodella*, 192
hasemani, *Pseudepapterus* 76
hasemani, *Pygidium*, 418
hasemani, *Rineloricaria*, 245
hasemani, *Trichomycterus*, 418
hasemani, *Vandellia*, 411
Hassar, 171
Hassar affinis, 171
Hassar iheringi, 171
Hassar orestis, 171
Hassar praelongus, 173
Hassar ucayalensis, 171
Hassar wilderi, 171
Hassar woodi, 171
Hasselquistii, *Clarias*, 140
Hasselquistii, *Schilbe*, 365
hasseltii, *Silurichthys*, 377
hassleriana, *Netuma*, 56
hastatus, *Arius*, 105
hastatus, *Corydoras*, 112, 118
Hatcheria, 405
Hatcheria bullocki, 404
Hatcheria macraei, 405
Hatcheria Maldonadoi, 403, 404
Hatcheria patagoniensis, 405
Hatcheria pique, 405
Hatcheria titcombi, 405
haugi, *Synodontis*, 315
Haustor, 208
Haustor ochoterenai, 209
hauxwelli, *Loricariichthys*, 270
havmolleri, *Batasio*, 85
havmolleri, *Mystus*, 85
hazenensis, *Ameiurus*, 204
hazenensis, *Ictalurus* (*Amiurus*), 204
Heckelii, *Arius*, 55
heckelii, *Auchenipterus*, 73
heckelii, *Centromochlus*, 73
Heckelii, *Doras*, 178
heckelii, *Scorpiodoras*, 178
Helicophagus, 324
Helicophagus hypophthalmus, 325
Helicophagus leptorhynchus, 324
Helicophagus typus, 324, 325
Helicophagus waandersii, 325
helicophagus, *Chrysichthys* 156
helicophilus, *Doras*, 177
Helogenes, 130, 134
Helogenes amazonae, 134
Helogenes castaneus, 134
Helogenes gouldingi, 134
Helogenes marmoratus, 134
Helogenes marmoratus uruyensis, 134
Helogenes unidorsalis, 134
Helogenes uruyensis, 134
Helogenidae, 130
hematophaga, *Vandellia*, 410
Hemiancistrus, 218, 242
Hemiancistrus albocinctus, 223
Hemiancistrus annectens, 242
Hemiancistrus arenarius, 284
Hemiancistrus aspidolepis, 242
Hemiancistrus braueri, 284
Hemiancistrus brevis, 284
Hemiancistrus caquetae, 265
Hemiancistrus castelnaui, 265
Hemiancistrus chlorostictus, 243
Hemiancistrus daguae, 231
Hemiancistrus fugleri, 243
Hemiancistrus fuliginosus, 243
Hemiancistrus guahiborum, 243
Hemiancistrus hammarlundi, 243
Hemiancistrus holostictus, 243
Hemiancistrus landoni, 243
Hemiancistrus longipinnis, 227
Hemiancistrus macrops, 243
Hemiancistrus maracaiboensis, 243
Hemiancistrus mayoloi, 264
Hemiancistrus medians, 243
Hemiancistrus megacephalus, 244
Hemiancistrus megalopteryx, 244
Hemiancistrus meizospilos, 244
Hemiancistrus micrommatos, 244
Hemiancistrus niceforoi, 257
Hemiancistrus niger, 287
Hemiancistrus platyrhynchus, 232
Hemiancistrus punctulatus, 244
Hemiancistrus spilomma, 244
Hemiancistrus spinosissimus, 244
Hemiancistrus subviridis, 244
Hemiancistrus ucayalensis, 283, 285
Hemiancistrus votouro, 244
Hemiancistrus wilsoni, 244
Hemiarius, 44
Hemiarius dioctes, 44
Hemiarius harmandi, 31
Hemiarius insidiator, 44
Hemiarius sona, 44
Hemiarius stormi, 45
Hemiarius stormii, 45
Hemiarius verrucosus, 45
Hemibagrus, 87
Hemibagrus baramensis, 87
Hemibagrus bongan, 87
Hemibagrus caveatus, 87
Hemibagrus centralus, 87
Hemibagrus chrysops, 87
Hemibagrus elongatus hongus, 89
Hemibagrus filamentus, 88
Hemibagrus fortis, 88
Hemibagrus furcatus, 88
Hemibagrus gracilis, 88
Hemibagrus guttatus, 88
Hemibagrus hainanensis, 88
Hemibagrus hoevenii, 88
Hemibagrus hongus, 89
Hemibagrus imbrifer, 89
Hemibagrus johorensis, 89
Hemibagrus macropterus, 87, 89, 91
Hemibagrus major, 89
Hemibagrus maydelli, 89
Hemibagrus menoda, 89
Hemibagrus microphthalmus, 90
Hemibagrus nemurus, 90
Hemibagrus olyroides, 90
Hemibagrus peguensis, 90
Hemibagrus planiceps, 90
Hemibagrus pluriradiatus, 90
Hemibagrus punctatus, 91
Hemibagrus sabanus, 91
Hemibagrus spilopterus, 91
Hemibagrus taphrophilus, 108
Hemibagrus variegatus, 91
Hemibagrus velox, 91
Hemibagrus vietnamicus, 91
Hemibagrus vietnammicus, 91
Hemibagrus wyckii, 91
Hemibagrus wyckiioides, 91
Hemicetopsis, 131
Hemicetopsis amphioxus, 131
Hemicetopsis macilentus, 133
Hemicetopsis minutus, 130
Hemicetopsis morenoi, 130
Hemicetopsis othonops, 132
hemicochliodon, *Hypostomus*, 254
Hemidoradinae, 166
Hemidoras, 171
Hemidoras (*Leptodoras*) *boulengeri*, 175
Hemidoras boulengeri, 175
Hemidoras hasemani, 172
Hemidoras leporhinus, 174
Hemidoras micropoetus, 171
Hemidoras microstomus, 179
Hemidoras morrissi, 172
Hemidoras notospilus, 171

- Hemiodoras paraguayensis*, 179
Hemiodoras stenopeltis, 172
Hemileiocassis, 91
Hemileiocassis panjang, 91
Hemiloricaria, 244
Hemiloricaria altipinnis, 245
Hemiloricaria aurata, 245
Hemiloricaria beni, 245
Hemiloricaria cacerensis, 245
Hemiloricaria caracasensis, 244, 245
Hemiloricaria caracasensis, 245
Hemiloricaria castroi, 245
Hemiloricaria eigenmanni, 245
Hemiloricaria fallax, 245
Hemiloricaria formosa, 245
Hemiloricaria hasemani, 245
Hemiloricaria hoehnei, 245
Hemiloricaria jubata, 246
Hemiloricaria konopickyi, 246
Hemiloricaria lanceolata, 246
Hemiloricaria magdalenae, 246
Hemiloricaria melini, 246
Hemiloricaria morrowi, 246
Hemiloricaria nigricauda, 246
Hemiloricaria parva, 246
Hemiloricaria phoxocephala, 246
Hemiloricaria platyura, 246
Hemiloricaria sneiderni, 246
Hemiloricaria stewarti, 246
Hemiloricaria teffeana, 247
Hemiloricaria wolfei, 247
Hemiodon, 292
Hemiodon acipenserinus, 247
Hemiodon depressus, 292, 293
Hemiodon platycephalus, 288
Hemiodontichthyina, 217
Hemiodontichthys, 217, 247
Hemiodontichthys acipenserinus, 247
hemiolepterus, Phractocephalus, 336
hemiolepterus, Silurus, 336
hemipeltis, Nemadoras, 174
hemipeltis, Opsodoras, 174
hemiphractus, Callichthys, 111
Hemipimelodinae, 30
Hemipimelodus, 30, 41
Hemipimelodus aaldereni, 32
Hemipimelodus atripinnis, 34
Hemipimelodus bernhardi, 39
Hemipimelodus bicolor, 34
Hemipimelodus cochlearis, 43
Hemipimelodus colcloughi, 51
Hemipimelodus crassilabris, 42
Hemipimelodus daugueti, 43
Hemipimelodus dayi, 46
Hemipimelodus intermedius, 42
Hemipimelodus macrocephalus, 41
Hemipimelodus macrorhynchus, 32
Hemipimelodus papillifer, 48
Hemipimelodus siamensis, 41
Hemipimelodus sundanensis, 56
Hemipimelodus taylori, 48
Hemipimelodus velutinus, 48
Hemiplatystoma, 341
Hemipsilichthys, 247, 444
Hemipsilichthys azygolechis, 279
Hemipsilichthys calmoni, 279
Hemipsilichthys cameroni, 279
Hemipsilichthys cerosus, 279
Hemipsilichthys duseni, 262, 279
Hemipsilichthys eurycephalus, 279
Hemipsilichthys garbei, 279
Hemipsilichthys gobio, 247
Hemipsilichthys hypselurus, 280
Hemipsilichthys hystrix, 280
Hemipsilichthys mutuca, 280
Hemipsilichthys nimius, 247, 444
Hemipsilichthys nudulus, 280
Hemipsilichthys papillatus, 248, 444
Hemipsilichthys regani, 280
Hemipsilichthys splendens, 280
Hemipsilichthys steindachneri, 280
Hemipsilichthys stephanus, 280
Hemipsilichthys stomias, 281
Hemipsilichthys vestigipinnis, 281
Hemisilurus, 368
Hemisilurus heterorhynchus, 368
Hemisilurus mekongensis, 368
Hemisilurus moolenburghi, 369
Hemisilurus schilbeides, 371
Hemisilurus scleronema, 368
Hemisorubim, 333
Hemisorubim platyrhynchus, 333
Hemisynodontis, 309
Hemisynodontis membranacea, 309
hemiurus, Hypostomus, 254
hemiurus, Plecostomus, 254
hendricksoni, Akysis, 14
henni, Hexanematichthys, 56
Henonemus, 405
Henonemus intermedius, 405
Henonemus macrops, 406
Henonemus panzeri, 414
Henonemus punctatus, 406
Henonemus taxistigma, 406
Henonemus triacanthopomus, 440
henrici, Anopleutropius, 165
henrici, Cranoglanis, 165
henriquei, Farlowella, 238
henryi, Aoria, 100
henselii, Loricaria, 294
henselii, Rineloricaria, 294
Heptapteridae, 180
Heptapterinae, 180
Heptapterus, 180, 184
Heptapterus anisurus, 188
Heptapterus bleekeri, 184
Heptapterus collettii, 99
Heptapterus eigenmanni, 184
Heptapterus fissipinnis, 184
Heptapterus multiradiatus, 184
Heptapterus mustelinus, 184
Heptapterus ñssipinnis, 184
Heptapterus ornaticeps, 185
Heptapterus somnians, 189
Heptapterus stewarti, 184
Heptapterus surinamensis, 183
Heptapterus sympterygium, 184
Heptapterus tapanahoniensis, 184
Heptapterus tenuis, 184
heraldoi, Pimelodus, 338
herberti, Ituglanis, 407
Herberti, Trichomycterus, 407
Herklotsella, 375
Herklotsella anomala, 375
hermanni, Hypostomus, 254
Hermannii, Plecostomus, 254
herzbergii, Sciades, 53
Herzbergii, Silurus, 53
herzensteini, Leiocassis, 92
herzensteini, Macrones, 92
hesperius, Kryptopterus, 370
heteracantha, Rhamdia, 201
heteracanthus, Chaetostomus, 264, 265
heteracanthus, Lasiancistrus, 265
Heterobagrus, 94
Heterobagrus bocourti, 94
Heterobranchoides, 139
Heterobranchus, 136, 150
Heterobranchus 5-tentaculatus, 197
Heterobranchus 6-tentaculatus, 197, 200
Heterobranchus austriacus, 382
Heterobranchus bidorsalis, 150
Heterobranchus boulengeri, 151
Heterobranchus Geoffroyi, 150
Heterobranchus intermedius, 150
Heterobranchus isopterus, 151
Heterobranchus laticeps, 151
Heterobranchus longifilis, 151
Heterobranchus macronema, 151
Heterobranchus palaeindicus, 151
Heterobranchus platycephalus, 151
Heterobranchus Senegalensis, 150
Heterobranchus sextentaculatus, 197, 200
Heterobranchus tapeinopterus, 149, 150
heterocephalus, Clariallabes, 137
heterocercalis, Gymnallabes typus, 150
heterodon, Arges, 64
heterodon, Astroblepus, 64
heterodon, Leporacanthicus, 266
heterodontum, Pygidium, 418
heterodontus, Trichomycterus, 418
heteromorpus, Corydoras, 118

- heteropleura*, *Brachyrhamdia*, 181
heteropleurus, *Pimelodus*, 181
Heteropneustes, 136, 151
Heteropneustes fossilis, 151
Heteropneustes kemratensis, 152
Heteropneustes longipectoralis, 152
Heteropneustidae, 136
heteroptera, *Rineloricaria*, 293, 294
heterorhynchus, *Ancistrus*, 221
heterorhynchus, *Hemisilurus*, 368
heterorhynchus, *Wallago*, 368
heterorhynchus, *Xenocara*, 221
heterurus, *Akysis*, 14
heterurus, *Bagrus*, 97
heterurus, *Zaireichthys*, 28
Heudelotii, *Arius*, 31
heuglini, *Clarotes*, 160
heward-belli, *Arius*, 56
hexacacinnus, *Macropteronotus*, 148
hexadactylus, *Silurus*, 61
hexanema, *Laiides*, 358
hexanema, *Pangasius*, 358
hexanema, *Silurodon*, 380, 381
Hexanematchthys, 45
Hexanematchthys henni, 56
Hexanematchthys hymenorrhinos, 54
Hexanematchthys leptaspis, 47
Hexanematchthys leptocassis, 45
Hexanematchthys mastersi, 45
Hexanematchthys sagor, 45
Hexanematchthys sundaicus, 45
Hexanematchthys surinamensis, 33
hexapterus, *Micronema*, 371
hexapterus, *Silurus* 371
heylandi, *Kronichthys*, 263
heylandi, *Plecostomus*, 263
Hilarii, *Pimelodus*, 200
Hildadoras, 175
Hildadoras bolivarensis, 168
Hildadoras orinocensis, 175, 176
hildae, *Amarginops*, 153
hildae, *Chrysichthys*, 153
hildebrandi, *Noturus*, 213
hildebrandi, *Schilbeodes*, 213
hildebrandi lautus, *Noturus*, 213
hilgendorfi, *Clarias*, 139
hilli, *Clarias*, 144
hirsuta, *Microsynodontis*, 310
hirsutus, *Liocassis*, 107
hirsutus, *Microsynodontis*, 310
Hisonotus, 248
Hisonotus candombe, 440
Hisonotus charrua, 440
Hisonotus depressicauda, 248
Hisonotus depressinotus, 248
Hisonotus francirochai, 248
Hisonotus insperatus, 248
Hisonotus laevior, 248
Hisonotus leptochilus, 248
Hisonotus leucofrenatus, 248
Hisonotus maculipinnis, 248
Hisonotus nigricauda, 248
Hisonotus notatus, 248
Hisonotus paulinus, 249
Hisonotus ringueleti, 249
Hisonotus taimensis, 249
histris, *Pseudacanthicus*, 286
histris, *Rinelepis*, 218, 286
Hito, 375
Hito taytayensis, 375, 377
Hitoichthys, 375
Hitoichthys taytayensis, 375, 377
hodgarti, *Euchiloglanis*, 398
hodgarti, *Glyptosternum*, 398
hodgarti, *Parachiloglanis*, 398
hoedemani, *Exastilithoxus*, 237
hoehnei, *Hemiloricaria*, 245
hoehnei, *Loricaria*, 245
hoehnei, *Nannoglanis*, 188
hoehnei, *Phenacorhamdia*, 188
hoeksi, *Pangasius*, 328
hoerdzanicus, *Eobagrus*, 87
hoerdzanicus, *Gobibagrus*, 87
hoevenii, *Bagrus*, 88
hoevenii, *Hemibagrus*, 88
Hoffstetterichthys pucai, 30
hoi, *Aoria*, 107
holdeni, *Oxydoras*, 176
hollandi, *Imparfinis*, 185
Hollyi, *Clarias*, 144
hollyi, *Clarias*, 147
Hollyi, *Synodontis*, 323
Hollyi ntemensis, *Synodontis*, 322
holobranchus, *Xenoclaris*, 153
holomelas, *Pimelodus*, 199
holomelas rupununi, *Rhamdia*, 197
holopercnus, *Synodontis*, 315
holostictus, *Hemiancistrus*, 243
Homodiaetus, 406
Homodiaetus anisitsi, 406
Homodiaetus banguela, 406
Homodiaetus graciosa, 406
Homodiaetus haemomyzon, 412
Homodiaetus passarellii, 406
Homodiaetus vazferreirai, 406
homodon, *Arges*, 64
homodon, *Astroblepus*, 64
honda, *Hypostomus*, 254
honda, *Plecostomus*, 250, 254
honghenensis, *Glyptothorax fukiensis*, 390
honghensis, *Glyptothorax*, 390
honghensis, *Glyptothorax fukiensis*, 390
hongus, *Hemibagrus*, 89
hongus, *Hemibagrus elongatus*, 89
Hopladelus, 215
Hoplancistrini, 217
Hoplancistrus, 217, 249
Hoplancistrus tricornis, 249
Hoplisma, 111
Hoplodaras, 173
Hoplodoras, 173
Hoplodoras ramirezi, 174
hoplogenyis, *Ancistrus*, 221
hoplogenyis, *Chaetostomus*, 221
Hoplomizoninae, 57
Hoplomyzon, 57, 61
Hoplomyzon atrizona, 61
Hoplomyzon atrizona petroleus, 61
Hoplomyzon megistus, 60
Hoplomyzon papillatus, 61
Hoplomyzon sexpapilostoma, 61
Hoplomyzontinae, 57
hoplonites, *Hypostomus*, 254
Hoplosoma aeneum, 112
Hoplosterninae, 108
Hoplosternum, 108, 127
Hoplosternum littorale, 127
Hoplosternum littorale daillyi, 128
Hoplosternum magdalenae, 128
Hoplosternum oronocoi, 129
Hoplosternum punctatum, 127, 128
Hoplosternum schreineri, 128
Hoplosternum shirui, 128
Hoplosternum stevardii, 128
Hoplosternum thoracatum cayennae, 128
Hoplosternum thoracatum surinamensis, 129
hoppei, *Otocinclus*, 275
Horabagrinae, 441
Horabagrus, 356, 429, 441
Horabagrus brachysoma, 429
Horabagrus nigricollaris, 429
horae, *Amblyceps*, 99
horae, *Olyra*, 99
Horaglanidinae, 441
Horaglanis, 152, 441
Horaglanis alikunhii, 152
Horaglanis krishnai, 152
horai, *Glyptothorax*, 390
horai, *Glyptothorax*, 390
horai, *Hara*, 396
horai, *Mystus*, 95
horai, *Mystus (Mystus) vittatus*, 95
horai, *Olyra*, 99
horai, *Pteroglanis*, 387, 390
horai, *Socnopaea*, 431
Horiomyzon, 185
Horiomyzon retropinnatus, 185
horrida, *Squaliforma*, 298
horridus, *Hypostomus*, 297, 298
horridus, *Potosus*, 350
Hosii, *Liocassis*, 93
houghi, *Pimelodus*, 210
housei, *Glyptothorax*, 390

- howesi*, *Pimelodella*, 192
howong, *Macrones*, 88
hoysi, *Pimelodus*, 206
huaorani, *Otocinclus*, 275
huberi, *Oxydoras* (*Rhinodoras*), 174
humboldti, *Doras*, 176
Humboldtii, *Cyclopium*, 63, 64
humboldtii, *Zungaro*, 344
humeralis, *Doras*, 174
humeralis, *Nemadoras*, 174
humeralis, *Pangasius*, 326
humerratus, *Synodontis*, 321
humilis, *Pimelodus*, 198
humilis, *Rhamdia*, 198
hwanghoensis, *Leiocassis*, 107
Hyalobagrus, 92
Hyalobagrus flavus, 92
Hyalobagrus leiacanthus, 92
Hyalobagrus ornatus, 92
hydrostaticus, *Pleurophysus*, 410
hymenorrhinos, *Hexanematichthys*, 54
Hypancistrus, 249
Hypancistrus inspector, 249
Hypancistrus zebra, 249
Hypocolpiterus, 227
Hypocolpiterus analis, 227
Hypodoras, 172
Hypodoras forficulatus, 172
Hypophthalmiini, 329
Hypophthalmus, 329, 333
Hypophthalmus devall, 334
Hypophthalmus edentatus, 333
Hypophthalmus fimbriatus, 333
Hypophthalmus goongwaree, 362
Hypophthalmus longifilis, 334
Hypophthalmus marginatus, 333
Hypophthalmus niloticus, 362, 365
Hypophthalmus nuchalis, 71, 72
Hypophthalmus oremaculatus, 333
Hypophthalmus perporosus, 334
Hypophthalmus Spixii, 333
Hypophthalmus taakree, 362
hypophthalmus, *Helicophagus*, 325
hypophthalmus, *Arius*, 39, 40
hypophthalmus, *Cathorops*, 40
hypophthalmus, *Pangasianodon*, 325
hypophthalmus, *Ompok*, 371, 372
hypophthalmus, *Silurus*, 372
Hypoptopoma, 217, 249
Hypoptopoma bilobatum, 250
Hypoptopoma carinatum, 276
Hypoptopoma guentheri, 250
Hypoptopoma guianense, 250
Hypoptopoma gulare, 249, 250
Hypoptopoma inexpectata, 250
Hypoptopoma inexpectatum, 250
Hypoptopoma joberti, 250
Hypoptopoma psilogaster, 250
Hypoptopoma steindachneri, 250
Hypoptopoma thoracatum, 249, 250
Hypoptopomatinae, 217
Hypoptopominae, 217
Hypostoma etentaculatum, 291
Hypostoma punctatum, 220
Hypostoma squalinum, 298
Hypostomiden, 216
Hypostomus, 216, 217, 250
Hypostomus aburrensis, 227
Hypostomus affinis, 251
Hypostomus agna, 251
Hypostomus alatus, 251
Hypostomus albopunctatus, 251
Hypostomus ancistroides, 251
Hypostomus angipinnatus, 251
Hypostomus argus, 251
Hypostomus asperatus, 251
Hypostomus aspilogaster, 251
Hypostomus atropinnis, 251
Hypostomus aurantiacus, 278
Hypostomus auroguttatus, 251
Hypostomus barbatus, 286, 287
Hypostomus bolivianus, 252
Hypostomus borellii, 252
Hypostomus boulengeri, 252
Hypostomus brevicauda, 252
Hypostomus brevis, 252
Hypostomus brevitentaculatus, 291
Hypostomus bufonius, 219
Hypostomus calamita, 219
Hypostomus carinatus, 252
Hypostomus carvalhoi, 252
Hypostomus cirrhosus, 219, 220
Hypostomus cochliodon, 250, 252, 253-262
Hypostomus commersoni, 252
Hypostomus copenamensis, 253
Hypostomus corantijni, 253
Hypostomus crassicauda, 253
Hypostomus derbyi, 253
Hypostomus dlouhyi, 253
Hypostomus duodecimalis, 290, 291
Hypostomus emarginatus, 297
Hypostomus eptingi, 253
Hypostomus ericae, 253
Hypostomus ericius, 253
Hypostomus erinaceus, 221
Hypostomus fluvialtilis, 253
Hypostomus fonchii, 253
Hypostomus francisci, 254
Hypostomus garmani, 254
Hypostomus goyazensis, 254
Hypostomus granosus, 273
Hypostomus guacari, 250, 258, 259
Hypostomus guacharote, 265
Hypostomus guttatus, 287
Hypostomus gymnorhynchus, 254
Hypostomus gymnorhynchus occidentalis, 257
Hypostomus gymnorhynchus tapanahoniensis, 261
Hypostomus hemicochliodon, 254
Hypostomus hemiurus, 254
Hypostomus hermanni, 254
Hypostomus hondae, 254
Hypostomus hoplonites, 254
Hypostomus horridus, 297, 298
Hypostomus iheringii, 255
Hypostomus interruptus, 255
Hypostomus isbrueckeri, 255
Hypostomus itacua, 217
Hypostomus jaguribensis, 255
Hypostomus johnnii, 255
Hypostomus laplatae, 255
Hypostomus latifrons, 255
Hypostomus latirostris, 255
Hypostomus levis, 255
Hypostomus lexi, 255
Hypostomus lima, 256
Hypostomus longiradiatus, 256
Hypostomus luteomaculatus, 256
Hypostomus luteus, 256
Hypostomus macrophthalmus, 256
Hypostomus macrops, 256
Hypostomus macushi, 256
Hypostomus margaritifera, 256
Hypostomus meleagris, 256
Hypostomus micromaculatus, 256
Hypostomus microstomus, 250, 257
Hypostomus multiradiatus, 290, 291
Hypostomus mutuae, 257
Hypostomus myersi, 257
Hypostomus nematopterus, 257
Hypostomus niceforoi, 257
Hypostomus nickeriensis, 257
Hypostomus niger, 257
Hypostomus nigricans, 278
Hypostomus nigromaculatus, 257
Hypostomus niveatus, 226, 227
Hypostomus nudiceps, 223
Hypostomus nudiventris, 257
Hypostomus occidentalis, 257
Hypostomus oculus, 257
Hypostomus pagei, 257
Hypostomus pantherinus, 258
Hypostomus papariae, 258
Hypostomus paranensis, 258
Hypostomus pardalis, 292
Hypostomus paucimaculatus, 258
Hypostomus paucipunctatus, 258
Hypostomus paulinus, 258
Hypostomus pictus, 265
Hypostomus piratatu, 258
Hypostomus plecostomoides, 258
Hypostomus plecostomus, 258
Hypostomus pseudohemiurus, 259
Hypostomus pseudohemiurus macrophthalmus, 256

- Hypostomus punctatus*, 220, 259
Hypostomus puserum, 259
Hypostomus pyrinesei, 259
Hypostomus regani, 259
Hypostomus robinii, 259
Hypostomus rondoni, 259
Hypostomus roseopunctatus, 259
Hypostomus saramaccensis, 259
Hypostomus scabriceps, 260
Hypostomus scaphyiceps, 260
Hypostomus sculpodon, 260
Hypostomus seminudus, 260
Hypostomus serratus, 286
Hypostomus simios, 260
Hypostomus sipaliwinii, 260
Hypostomus soniae, 260
Hypostomus spinosus, 286
Hypostomus strigaticeps, 260
Hypostomus subcarinatus, 260
Hypostomus surinamensis, 260
Hypostomus tapanahoniensis, 260
Hypostomus taphorni, 261
Hypostomus tapijara, 261
Hypostomus Temminckii, 224
Hypostomus tenuis, 298
Hypostomus ternetzi, 261
Hypostomus tietensis, 261
Hypostomus topavae, 261
Hypostomus unae, 261
Hypostomus uruguayensis, 261
Hypostomus vaillanti, 261
Hypostomus variipictus, 261
Hypostomus varimaculosus, 261
Hypostomus variostictus, 261
Hypostomus ventromaculatus, 262
Hypostomus vermicularis, 262
Hypostomus verres, 262
Hypostomus vicinus, 278
Hypostomus waiampi, 262
Hypostomus watwata, 262
Hypostomus winzi, 262
Hypostomus wuchereri, 262
Hypothalmus dawalla, 69
Hypselobagrus, 93
Hypselobagrus macronema, 97
hypselopterus, *Bagrichthys*, 82
hypselopterus, *Bagrus*, 82
hypselurus, *Breitensteinia*, 15
hypselurus, *Hemipsilichthys*, 280
hypselurus, *Pareiorhaphis*, 280
hypselurus, *Pimelodus*, 198
Hypsidoridae, 203
Hypsidoris, 203
Hypsidoris farsonensis, 203
Hypsidoris oregonensis, 203
hypsiura, *Amaralia*, 57
hypsiurus, *Bunocephalus*, 57
hypsiurus, *Oreoglanis*, 397
hyrtlii, *Neosilurus*, 347, 348
hystrix, *Acanthicus*, 218
hystrix, *Hemipsilichthys*, 280
hystrix, *Pareiorhaphis*, 280
I
ichikawai, *Coreobagrus*, 86
ichikawai, *Pseudobagrus*, 86
ichneumon, *Coreobagrus*, 431
Ichthaelurinae, 203
Ichthaelurus, 203, 208
Ichthaelurus Kevinskii, 204
Ichthaelurus McCaskei, 204
Ichthaelurus robustus, 210
Ichthyaelurus, 208
Ictaluri, 203
Ictaluridae, 203
Ictalurus, 203, 207
Ictalurus (Amiurus) hazenensis, 204
Ictalurus anguilla, 210
Ictalurus australis, 208
Ictalurus balsanus, 208
Ictalurus benderensis, 206
Ictalurus dugesii, 208, 209
Ictalurus echinatus, 208
Ictalurus furcatus, 208, 211
Ictalurus lambda, 209
Ictalurus lavetti, 204
Ictalurus leidyi, 204
Ictalurus lupus, 209, 211
Ictalurus macgrewi, 205
Ictalurus mexicanus, 209
Ictalurus nebulosus pannonicus, 206
Ictalurus ochoterenai, 209
Ictalurus okeechobeensis, 210
Ictalurus pectinatus, 206
Ictalurus peregrinus, 207
Ictalurus pricei, 209
Ictalurus punctatus, 208, 209, 211
Ictalurus rhaeas, 210
Ictalurus sawrockensis, 206
Ictalurus serracanthus, 206
Ictalurus simpsonii, 210
Ictalurus spodioides, 211
Ictalurus vespertinus, 206
idenburgi, *Copidoglanis*, 348
idenburgi, *Neosilurus*, 348
ignobilis, *Rhandella*, 196
iheringi, *Arius*, 343
iheringi, *Cetopsorhamdia*, 182
iheringi, *Hassar*, 171
iheringi, *Microglanis*, 354
iheringi, *Plecostomus*, 298
iheringi, *Pygidium*, 419
iheringi, *Steindachneridion*, 343
iheringi, *Trichomycterus*, 419
Iheringichthys, 334
Iheringichthys labrosus, 334
Iheringichthys megalops, 334
iheringii, *Bunocephalus*, 59
iheringii, *Hypostomus*, 255
iheringii, *Plecostomus*, 255, 298
ikapor, *Plotoseus*, 350
ikiensis, *Pseudobagrus*, 102
ilebrevis, *Synodontis*, 445
ilesi, *Bathyclarias*, 136
ilesi, *Dinotopterus*, 136
Ilictis, 215
imberbis, *Silurus*, 70, 379
imbrifer, *Hemibagrus*, 89
imitator, *Brachyrhamdia*, 181
imitator, *Corydoras*, 118
immaculata, *Pseudecheneis*, 400
immaculatum, *Pygidium*, 419
immaculatus, *Auchenipterus*, 80
immaculatus, *Pseudecheneis*, 400
immaculatus, *Silurus (Callichrus)*, 374
immaculatus, *Trichomycterus*, 419
Imparales, 180, 188
Imparales mariaei, 188
Imparales panamensis, 180
Imparfinis, 185
Imparfinis bolivianus, 188
Imparfinis borodini, 185
Imparfinis cochabambae, 185
Imparfinis guttatus, 185
Imparfinis hasemani, 185
Imparfinis hollandi, 185
Imparfinis insidiosus, 182
Imparfinis lineatus, 185
Imparfinis longicauda, 185
Imparfinis longicauda, 185
Imparfinis microps, 186
Imparfinis minutus, 186
Imparfinis mirini, 186
Imparfinis nemacheir, 186
Imparfinis pijpersi, 186
Imparfinis piperatus, 185, 186
Imparfinis pristos, 186
Imparfinis pseudonemacheir, 186
Imparfinis schubarti, 186
Imparfinis spurrellii, 186
Imparfinis stictonotus, 186
Imparfinis tenebrosus, 189
impluviatus, *Mystus*, 95
inaequalis, *Amphilius*
grammatophorus, 23
incae, *Trichomycterus*, 423
Incaichthys suarezi, 30
incolicana, *Corydoras*, 118
indicus, *Brachyspondylus*, 326
indicus, *Glyptothorax*, 390
indicus, *Kryptopterus*, 367
indicus, *Pangasius*, 326
indicus, *Pimelodus*, 19
indicus, *Silurus*, 374
indragiriensis, *Silurichthys*, 378
ineac, *Phractura*, 28
ineac, *Trachyglanis*, 28
inermis, *Ageneiosus*, 69

- inermis*, *Akysis*, 16
inermis, *Amblyceps*, 17
inermis, *Nematogenys*, 324
inermis, *Pseudobagarius*, 16
inermis, *Silurus*, 69, 379
inermis, *Trichomycterus*, 324
inexpectata, *Aristommata*, 249, 250
inexpectata, *Hypoptopoma*, 250
inexpectatum, *Hypoptopoma*, 250
infraoculare, *Sorubim*, 342
infulatus, *Oreoglanis*, 397
infuscatus, *Erethistoides*, 442
ingluvies, *Osteogeneiosus*, 51
inornata, *Pseudolaguvia*, 401
inornatus, *Liocassis*, 103
inornatus, *Pseudomystus*, 103
inpai, *Aguarunichthys*, 329
insculptus, *Arius*, 50
insculptus, *Doras*, 179
insculptus, *Notarius*, 50
insidiator, *Arius*, 45
insidiator, *Hemiaris*, 44
insidiosa, *Cetopsorhamdia*, 182
insidiosus, *Imparfinis*, 182
insidiosus, *Stegophilus*, 414
insignarius, *Pimelodon*, 211, 213
insigne, *Pimelodus*, 213
insignis, *Auchenipterus*, 79
insignis, *Breitensteinia*, 15
insignis, *Noturus*, 213
insignis, *Oreoglanis*, 397
insignis, *Pimelodella*, 190
insignis, *Pimelodus*, 339
insignis, *Trachelyopterus*, 79
insignis badeli, *Trachycorystes*, 80
insignis peloichthys, *Trachycorystes*, 80
insolitus, *Clarias*, 144
inspector, *Hypancistrus*, 249
insperatus, *Hisonotus*, 248
insularum, *Netuma*, 50
intermedia, *Phractura*, 26
intermedia, *Tatia*, 77
intermedium, *Pseudoplatystoma fasciatum*, 341
intermedius, *Centromochlus*, 77
intermedius, *Clarias*, 144
intermedius, *Hemipimelodus*, 42
intermedius, *Henonemus*, 405
intermedius, *Heterobranchus*, 150
intermedius, *Pelteobagrus*, 100
intermedius, *Pseudecheneis*, 400
intermedius, *Pseudobagrus*, 100
intermedius, *Pseudotocinclus*, 290
intermedius, *Schilbe*, 363
intermedius, *Stegophilus*, 405
intermedius, *Trachyglanis*, 28
interruptus, *Hypostomus*, 255
interruptus, *Plecotomus*, 255
interspinalum, *Glyptosternon*, 390
interspinalus, *Glyptothorax*, 390
intonsus, *Ernstichthys*, 60
inuitata, *Pterocryptis*, 377
irsacae, *Synodontis*, 314
Irvineia, 358
Irvineia orientalis, 358
Irvineia voltae, 358
irwini, *Megalodoras*, 173, 174
isacanthus, *Auchenipterus*, 80
isbrueckeri, *Farlowella*, 238
isbrueckeri, *Corydoras*, 119
isbrueckeri, *Farlowella*, 238
isbrueckeri, *Hypostomus*, 255
Isbrueckerichthys, 262, 441
Isbrueckerichthys alipionis, 262
Isbrueckerichthys calvus, 441
Isbrueckerichthys duseni, 262
Isbrueckerichthys epakmos, 262
Isbrueckerichthys saxicola, 441
ischnosoma, *Acrochordonichthys*, 12
isheriensis, *Clarias (Clarioides)*, 139
Isidori, *Schilbe*, 365
isopterus, *Heterobranchus*, 151
Isorineloricaria, 263
Isorineloricaria spinosissima, 263
isthmensis, *Aelurichthys*, 38
Istlarius, 208
Istlarius balsanus, 208
Istlarius balsanus occidentalis, 208
itacaiunas, *Rhamdia*, 198
itacambirussu, *Trichomycterus*, 419
itacarambiensis, *Trichomycterus*, 419
itacua, *Hypostomus*, 217
itaimbezinho, *Epactionotus*, 236
itapicuruensis, *Pimelodella*, 192
itatiayae, *Trichomycterus*, 419
itchkeea, *Gagata*, 386
itchkeea, *Phractocephalus*, 386
Ituglanis, 406
Ituglanis amazonicus, 406
Ituglanis bambui, 406
Ituglanis cahyensis, 444
Ituglanis eichhorniarum, 407
Ituglanis epikarsticus, 407
Ituglanis gracilior, 407
Ituglanis guayaberensis, 407
Ituglanis herberti, 407
Ituglanis laticeps, 407
Ituglanis macunaima, 407
Ituglanis metuae, 407
Ituglanis nebulosus, 407
Ituglanis parahybae, 407
Ituglanis parkoi, 407
Ituglanis passensis, 408
Ituglanis proops, 408
Ituglanis ramiroi, 408
ituriensis, *Synodontis*, 315
iturii, *Auchenoglanis*, 163
iturii, *Synodontis*, 315
iwokrama, *Denticetopsis*, 133
Ixinandria, 263
Ixinandria montebelloi, 263
Ixinandria steinbachi, 263
izabalensis, *Potamarius*, 53
J
jacksonensis, *Netuma thalassina*, 49
jacksoni, *Dinotroterus*, 149
jacksonii, *Amphilius*, 21
jacupiranga, *Trichomycterus*, 419
jaekeli, *Otolithus (Arius)*, 435
jaensis, *Clarias*, 144
jagur, *Macropteronotus*, 140
jaguribensis, *Hypostomus*, 255
jaguribensis, *Plecotomus*, 255
jahu, *Paulicea*, 344
jahu, *Zungaro*, 344
jalalensis, *Glyptothorax*, 390
jallae, *Dinotroterus*, 146
jallae, *Synodontis*, 316
jandia, *Sorubim*, 342, 343
janeirensis, *Pseudotothyris*, 290
japonicus, *Centranodon*, 379
japonicus, *Silurus*, 378, 379
jaraguensis, *Loricaria*, 294
jaraguensis, *Rineloricaria*, 294
jataiensis, *Ancistrus*, 222
jatia, *Cephalocassis*, 41
jatius, *Pimelodus*, 41
jauruensis, *Farlowella*, 238
jauruensis, *Farlowella*, 238
javanensis, *Belodontichthys*, 381
javanica, *Rhamdia*, 431
Javensis, *Bagrus*, 45
javus, *Pimelodus*, 431
jayarami, *Myersglanis*, 396
jaynei, *Ompok*, 372
jeanesianus, *Liposarcus*, 292
jegui, *Chaetostoma*, 228
jella, *Arius*, 36
jelskii, *Ancistrus*, 222
Jelskii, *Chaetostomus*, 222
jenynsii, *Pimelodus*, 196
jenynsii, *Rhamdella*, 196
jequitinhonha, *Rhamdia*, 198
Jequitinhonhae, *Auchenipterus (Pseudauchenipterus)*, 76
jequitinhonhae, *Pseudauchenipterus*, 76
jequitinhonhae, *Trichomycterus*, 419
jerdoni, *Hara*, 396
jimi, *Parotocinclus*, 282
jivaro, *Pimelodus*, 338
joberti, *Hypoptopoma*, 250
joberti, *Otocinclus*, 250
johanna, *Septobranchus*, 42
johnelsi, *Chrysichthys*, 156
johnii, *Hypostomus*, 255

- Johnii*, *Plecostomus*, 255
johnsoni, *Pygidium*, 419
johnsoni, *Trichomycterus*, 419
johorensis, *Hemibagrus*, 89
johorensis, *Mystus*, 89
jokeannae, *Trachycorystes*, 80
jordani, *Tachisurus*, 33
joselimai, *Leporacanthicus*, 266
joselimaianus, *Glyptoperichthys*, 291
joselimaianus, *Pterygoplichthys*, 291
juaro, *Pangasius*, 327
jubata, *Hemiloricaria*, 246
jubata, *Loricaria*, 246
julii, *Corydoras*, 119
jumbo, *Parotocinclus*, 282
juquiaae, *Corydoras*, 121
juquiae, *Corydoras*, 121
juquiae, *Otothyris*, 276
juquiae, *Pseudotocinclus*, 290
jurubidae, *Astroblepus*, 65
jurubidae, *Cetopsis*, 132
jurubidae, *Pseudocetopsis*, 132
juruese, *Brachyplatystoma*, 331
juruese, *Platystoma*, 331
juruisis, *Leptodoras*, 172
juvens, *Pterygoplichthys*, 291
- K**
kaiei, *Corymbophanes*, 232
kaifenensis, *Leiocassis*, 107
kajan, *Macrones*, 88
kakrimensis, *Amphilius*, 21
kalambo, *Chiloglanis*, 306
Kalyptodoras, 172
Kalyptodoras bahiensis, 172
kamengensis, *Euchiloglanis*, 399
kamengensis, *Pareuchiloglanis*, 399
kanei, *Corydoras*, 119
kanganamanensis, *Arius*, 39
kanpurensis, *Pinniwallago*, 375
kapuasensis, *Clarias*, 144
kapuri, *Laguvia ribeiroi*, 401
kapuri, *Pseudolaguvia*, 401
kasai, *Eutropiellus*, 360, 361
kashmirensis, *Glyptothorax*, 390, 393
katangae, *Synodontis*, 315
Keletius, *Bagrus*, 98
kelioides, *Encheloclarias*, 149
kempi, *Olyra*, 99
kemratensis, *Clarisilurus*, 151, 152
kemratensis, *Heteropneustes*, 152
kessleri, *Arius*, 50
kessleri, *Notarius*, 50
Ketengus, 45
Ketengus typus, 45
Kevinskii, *Ichthaelurus*, 204
khartoumensis, *Synodontis*, 316
khavalchor, *Neotropius*, 359
kinabatanganensis, *Pangasius*, 326
kingi, *Liobagrus*, 19
kingsleyae, *Clarias*, 144
kingsleyae, *Chrysichthys*, 160
kirkii, *Arius*, 52
kishinouyei, *Coraglanis*, 385
kishinouyei, *Euchiloglanis*, 385
kitsoni, *Arius*, 56
kivuensis, *Amphilius*, 21
kneri, *Callichthys*, 111
kneri, *Loricaria*, 299
kneri, *Oxydoras*, 175
kneri, *Sturisoma*, 299
Knerii, *Acestra*, 238
knerii, *Bunocephalus*, 59
knerii, *Farlowella*, 238
knerii, *Pimelodus (Rhamdia)*, 199
knerii, *Trichomycterus*, 419
koenigi, *Bagrus*, 84
koensis, *Synodontis*, 316
koepcke, *Myoglanis*, 187
konopickyi, *Hemiloricaria*, 246
konopickyi, *Loricaria*, 246
koreanus, *Pseudobagrus*, 102
krattensis, *Wallago*, 374
krefftii, *Amphilius*, 23
krempfi, *Pangasius*, 326
krishnai, *Horaglanis*, 152
krishnensis, *Mystus*, 89
kronei, *Corydoras*, 129
kronei, *Harttia*, 241
kronei, *Loricaria*, 294
kronei, *Pimelodella*, 192
kronei, *Rineloricaria*, 294
kronei, *Typhlobagrus*, 189, 192
Kronichthys, 263
Kronichthys heylandi, 263
Kronichthys lacerta, 263
Kronichthys subteres, 263
Kryptoperichthys, 369
Kryptoperichthys macrocephalus, 370
Kryptoperini, 367
Kryptopterus, 367, 369
Kryptopterus baramensis, 369
Kryptopterus bicirrhis, 369
Kryptopterus cheveyi, 371
Kryptopterus kryptopterus, 369
Kryptopterus deignani, 375
Kryptopterus dissitus, 369
Kryptopterus eugeneiatus, 369
Kryptopterus geminus, 369
Kryptopterus hesperius, 370
Kryptopterus indicus, 367
Kryptopterus lais, 370
Kryptopterus limpok, 370
Kryptopterus lumholtzi, 370
Kryptopterus macrocephalus, 370
Kryptopterus micropus, 369
Kryptopterus minimus, 370
Kryptopterus minor, 370
Kryptopterus mononema, 370
Kryptopterus moorei, 371
Kryptopterus palembangensis, 370
Kryptopterus paraschilbeides, 370
Kryptopterus parvanalis, 375
Kryptopterus piperatus, 370
Kryptopterus platypogon, 371
Kryptopterus sabanus, 370
Kryptopterus schilbeides, 371
kryptos, *Xiliphius*, 62
kuhlmanni, *Peckoltia*, 284
kuhlmanni, *Peckoltichthys*, 284
kükenthali, *Glyptosternum*, 391
kunyt, *Pangasius*, 326
kurdistanicum, *Glyptosternum*, 390
kurdistanicum, *Glyptothorax*, 390
kurzii, *Akysis*, 18
kutchensis, *Arius*, 56
kuturnee, *Phractocephalus*, 105
kuturnee, *Rita*, 105
kyphus, *Pelteobagrus*, 82
kyphus, *Pseudobagrus*, 82
- L**
laak, *Glyptosternum*, 395
laani, *Apistoloricaria*, 226
labeo, *Synodontis*, 323
labialis, *Astroblepus*, 65
labialis, *Loricaria*, 270
labialis, *Loricariichthys*, 270
labiatum, *Exostoma*, 385
labiatus, *Glyptosternon*, 385
labiosus, *Copidoglanis*, 345
labrax, *Exostoma*, 387
labrosus, *Copidoglanis*, 345
labrosus, *Iheringichthys*, 334
labrosus, *Pimelodus*, 334
labrosus, *Xyliphius*, 62
Lacantunia, 216
Lacantunia enigmatica, 216
Lacantuniidae, 216
lacerdai, *Corydoras*, 119
lacerta, *Kronichthys*, 263
lacerta, *Plecostomus*, 263
lachneri, *Noturus*, 213
lacus, *Aoria*, 108
lacustricolus, *Synodontis*, 322
lacustris, *Auchenipterus*, 79
lacustris, *Trachelyopterus*, 79
lacustris, *Gadus*, 208
laessoei, *Synodontis*, 316
laeviceps, *Arius*, 55
laeviceps, *Clarias*, 144
laeviceps dialonensis, *Clarias*, 142
laevigata, *Microsynodontis*, 310
laevigatulus, *Doras*, 177
laevigatus, *Bagrus*, 49
laevigatus, *Callichthys*, 127
laevigatus, *Microsynodontis*, 310
laevior, *Hisonotus*, 248
laevis, *Gogangra*, 395

laevis, *Platystacus*, 58
laeviuscula, *Loricaria*, 289
laeviuscula*, *Pseudoloricaria, 289
lagoensis, *Arius*, 31
lagoensis, *Chrysichthys*, 160
lagoichthys, *Loricaria gymnogaster*, 297
lagoichthys*, *Spatuloricaria, 297
Laguvia, 382, 395
Laguvia manipurensis, 382
Laguvia ribeiroi, 401
Laguvia ribeiroi kapuri, 401
Laguvia shawi, 395, 402
Laguviini, 382
Laides, 358
Laides hexanema, 358
Laides longibarbis, 359
Laimumena, 431
Laimumena barbonica, 431, 432
Lais, 358
lais*, *Kryptopterus, 370
Laïs, 358
laïs, *Silurus*, 370
lakoi*, *Aspidoras, 109
laluchensis*, *Rhamdia, 198
lamani*, *Amphilius, 22
Lamarrii, *Bagrus*, 106, 107
lambda*, *Ictalurus, 209
lamberti*, *Corydoras, 119
lamberti*, *Microsynodontis, 310
Lambertia, 347
Lambertia atra, 347
Lambertichthys, 347
Lambertichthys ater sepikensis, 347
lamghur, *Silurus*, 373
lamina, *Loricaria*, 288
laminus*, *Pseudohemiodon, 288
Lamontichthys, 263
Lamontichthys filamentosus, 263
Lamontichthys llanero, 264
Lamontichthys maracaibero, 264
Lamontichthys stibaros, 264
lamottei*, *Chiloglanis, 306
lamottei*, *Clarias, 144
lampei*, *Amphilius, 22
Lampiella, 217, 264
Lampiella gibbosa, 264
Lampiellini, 217
lampris*, *Glyptothorax, 391
lanceolata*, *Hemiloricaria, 246
lanceolata, *Loricaria*, 246
lanceolata, *Rineloricaria*, 246
lanceolatus*, *Nemuroglanis, 188
landanensis, *Tachysurus*, 57
landinga*, *Trichomycterus, 419
landoni*, *Hemiancistrus, 243
lanzhouensis*, *Silurus, 380
laosensis*, *Glyptothorax, 391
laplatae*, *Hypostomus, 255
laplatae, *Plecostomus*, 255
larai*, *Bunocephalus, 59
larnaudii*, *Pangasius, 326
Lasiancistrus, 264
Lasiancistrus anthrax, 288
Lasiancistrus brevispinis, 287
Lasiancistrus caucanus, 264
Lasiancistrus dumus, 289
Lasiancistrus guacharote, 265
Lasiancistrus guapore, 265
Lasiancistrus heteracanthus, 265
Lasiancistrus longispinis, 287
Lasiancistrus maracaiboensis, 265
Lasiancistrus mayoloi, 265
Lasiancistrus nationi, 223
Lasiancistrus nicoi, 289
Lasiancistrus saetiger, 265
Lasiancistrus schomburgkii, 265
Lasiancistrus scolymus, 265
Lasiancistrus tentaculatus, 265
Lasiancistrus tigris, 288, 289
Lasiancistrus volcanensis, 264
lata*, *Loricaria, 268
lateralis, *Pimeletropis*, 332
Lateralis, *Pimelodus pallidus* var., 210
Lateralis, *Silurus pallidus*, 210
lateristriga*, *Pimelodella, 192
lateristrigus, *Pimelodes*, 192
lateristrigus, *Pimelodus*, 192
laticauda*, *Rhamdia, 198, 199, 202
laticauda typhla, *Rhamdia*, 198
laticaudatus*, *Amphilius, 22
laticaudus, *Pimelodus*, 198
laticeps, *Adelopeltis*, 107
laticeps, *Allabenchelys*, 137
laticeps*, *Amblyceps, 17
laticeps, *Arius*, 41
laticeps*, *Chrysichthys, 157
laticeps*, *Clariallabes, 137
laticeps*, *Clarotes, 160
laticeps, *Eutropius*, 364
laticeps, *Heterobranchus*, 151
laticeps*, *Ituglanis, 407
laticeps, *Loricaria*, 288
laticeps, *Olyra*, 17, 18
laticeps*, *Pimelodella, 192
laticeps, *Pimelodus*, 160
laticeps, *Plotosus*, 345
laticeps*, *Pseudohemiodon, 288
laticeps*, *Schilbe, 364
laticeps, *Silurus*, 151
laticeps, *Trichomycterus*, 407
laticeps australis, *Pimelodella*, 189
latidens*, *Astroblepus, 65
latidens, *Pygidium*, 420
latidens*, *Trichomycterus, 419
latifrons*, *Ancistrus, 222
latifrons, *Chaetostomus*, 219, 222
latifrons*, *Hypostomus, 255
latifrons, *Noturus*, 211
latifrons, *Synodontis gambiensis*, 315
latirostris, *Arius*, 47
latirostris*, *Hypostomus, 255
latirostris, *Loricaria*, 294
latirostris*, *Neoarius, 47
latirostris, *Plecostomus*, 255
latirostris*, *Rineloricaria, 294
latirostris, *Sorubim*, 342
laticutatus, *Arius*, 31
latisoma, *Farlowella*, 239
latistriatum, *Pygidium*, 420
latistriatus*, *Trichomycterus, 420
latiura*, *Dasylicaria, 233
latiura, *Loricaria filamentosa*, 233
latovittatus, *Cryptopterus*, 374
latus*, *Corydoras, 119
laucaensis*, *Trichomycterus, 420
laukidi*, *Rhamdia, 199
laurenti*, *Pimelodella, 192
lautus, *Noturus hildebrandi*, 213
lavetti*, *Ameiurus, 204
lavetti, *Ictalurus*, 204
layardi, *Arius*, 51
lazera, *Clarias*, 143
laeviuscula, *Loricaria*, 289
leerii*, *Wallago, 380, 381
lehmanni, *Rhamdia*, 202
leiacanthus*, *Clarias, 145
leiacanthus*, *Hyalobagrus, 92
leiacanthus, *Leiocassis*, 104
leiacanthus*, *Ompok, 371, 372
leiacanthus*, *Pseudomystus, 104
leiacanthus, *Wallago*, 371, 372
Leiarius, 334
Leiarius marmoratus, 334
Leiarius pictus, 334
leidy*, *Ameiurus, 204
leidy, *Ictalurus*, 204
leightoni, *Oxyloricaria*, 300
leightoni*, *Sturisomatichthys, 300
Leiocassis, 92
Leiocassis (Dermocassis) analis, 101
Leiocassis aculeatus, 92
Leiocassis albicollaris, 104
Leiocassis albomarginatus, 101
Leiocassis bicolor, 104
Leiocassis brashnikowi, 100
Leiocassis brevicaudatus, 102
Leiocassis chaseni, 93
Leiocassis collinus, 443
Leiocassis crassilabris, 92
Leiocassis crassilabris macrops, 92
Leiocassis crassirostris, 92
Leiocassis ellenriederii, 104
Leiocassis fluviatilis, 85
Leiocassis fuscus, 103
Leiocassis hainanensis, 88
Leiocassis herzensteini, 92

- Leiocassis hwanghoensis*, 107
Leiocassis kaifanensis, 107
Leiocassis leiacanthus, 104
Leiocassis longibarbus, 92
Leiocassis longirostris, 93
Leiocassis lui, 102
Leiocassis macropterus, 83
Leiocassis mahakamensis, 104
Leiocassis micropogon, 93
Leiocassis microps, 100
Leiocassis moeschii, 105
Leiocassis myersi, 104
Leiocassis nitidus, 82
Leiocassis omeihensis, 102
Leiocassis poecilopterus, 93
Leiocassis regani, 93
Leiocassis robustus, 104
Leiocassis saravacensis, 93
Leiocassis similis, 108
Leiocassis sinyanensis, 108
Leiocassis tenebricus, 443
Leiocassis tenuifurcatus, 93
Leiocassis trilineatus, 103
Leiocassis ussuriensis, 101
Leiocassis virgatus, 101
leiopleura, ***Harttia***, 240, 241
Leiosynodontis, 311
leiotetocephalus, Arius, 52
Leliella, 293, 294
lemai, *Rhamdella*, 196
lemairii, *Eutropius*, 364
lembesseensis, *Clariallabes melas*, 137
lemniscatus, *Pimelodus*, 213
lemoinei, Arius, 432
lentiginosa, ***Ariopsis***, 33
lentiginosa, *Loricaria prolixa*, 286
lentiginosa, ***Proloricaria***, 286
lentiginosus, ***Amphilius***, 22
lentiginosus, *Doras*, 177
lentiginosus, *Tachisurus*, 33
leonensis, ***Malapterurus***, 301
leoparda, ***Synodontis***, 316
leopardina, ***Synodontis***, 316
leopardinus, *Synodontis*, 316
leopardinus, ***Trachelyopterus***, 80
leopardinus, *Trachycorystes*, 80
leopardum, ***Glanidium***, 75
leopardus, *Centromochlus*
 (*Gephyromochlus*), 75
leopardus, ***Corydoras***, 119
leopardus, ***Pseudacanthicus***, 286
leopardus, *Stoneiella*, 286
leopardus, *Synodontis*, 316
Leporacanthicus, 265
Leporacanthicus galaxias, 265
Leporacanthicus heterodon, 266
Leporacanthicus joselimai, 266
Leporacanthicus triactis, 266
leporhinus, *Hemidoras*, 174
leporhinus, ***Nemadoras***, 174
leptacanthus, ***Noturus***, 213
Leptarius, 53
Leptarius dowii, 53
leptaspis, *Hexanematischthys*, 47
leptaspis, ***Neoarius***, 47
Leptoplosternum, 128
Leptoplosternum altamazonicum,
 128
Leptoplosternum beni, 128
Leptoplosternum pectorale, 128
Leptoplosternum stellatum, 128
Leptoplosternum tordilho, 129
Leptoplosternum ucamara, 129
Leptoancistrus, 266
Leptoancistrus canensis, 266
Leptoancistrus cordobensis, 266
leptocassis, *Hexanematischthys*, 45
leptochilus, ***Hisonotus***, 248
Leptodoras, 172
Leptodoras acipenserinus, 172
Leptodoras cataniai, 172
Leptodoras copei, 172
Leptodoras hasemani, 172
Leptodoras juruensis, 172
Leptodoras linnelli, 173
Leptodoras myersi, 173
Leptodoras nelsoni, 173
Leptodoras praelongus, 173
Leptodoras rogersae, 173
Leptodoras trimaculatus, 174
 Leptoglaninae, 20
 Leptoglaninae, 20
Leptoglanis, 20, 25
Leptoglanis, 187
Leptoglanis bouillonii, 164
Leptoglanis brevis, 28
Leptoglanis brienii, 24
Leptoglanis camerunensis, 28
Leptoglanis doriae, 28
Leptoglanis essequibensis, 187
Leptoglanis flavomaculatus, 28
Leptoglanis mandevillei, 28
Leptoglanis wamiensis, 29
Leptoglanis xenognathus, 25
leptonema, *Silurus*, 374
leptonotacanthus, ***Arius***, 34
Leptops, 215
Leptorhamdia, 187
Leptorhamdia essequibensis, 187
Leptorhamdia marmorata, 187
Leptorhamdia schultzi, 187
leptorhynchus, ***Helicophagus***, 324
leptos, ***Acentronichthys***, 180
leptosoma, ***Rhamdella***, 196
leptostriatus, ***Microglanis***, 441
leptura, ***Andersonia***, 24
lepturum, ***Chaetostoma***, 229
lepturus, *Chaetostomus*, 229
lepturus, *Cnidoglanis*, 346, 442
lepturus, ***Euristhmus***, 346
lepturus, ***Oreoglanis***, 397
lepturus, ***Xyliphius***, 62
leptus, *Pimelodus*, 332
Lerichei, *Otolithus* (*Arius*), 434
leroyi, *Chimarrhoglanis*, 21, 23
lestradei, *Lophiobagrus*, 161, 162
leucofrenatus, ***Hisonotus***, 248
leucofrenatus, *Otocinclus*, 248
leucomelas, ***Chaetostoma***, 229
leucomelas, *Chaetostomus*, 229
leucomelas, ***Corydoras***, 119
leucophasis, *Bagrus*, 96
leucophasis, ***Mystus***, 96
leucopodus, *Silurichthys*, 378
Leucoptera, *Pimelodus pallidus*, 210
Leucoptera, *Silurus pallidus*, 210
leucorhynchus, *Akysis*, 16
leucorhynchus, ***Pseudobagarius***, 16
leucostictus, ***Ancistrus***, 222
leucostictus, *Chaetostomus*, 222
levequei, ***Chrysichthys***, 157
levequei, ***Synodontis***, 316
levis, *Copidoglanis*, 345
levis, ***Hypostomus***, 255
levis, *Rhinelepis*, 255
lewi, ***Trichomycterus***, 420
lexi, ***Hypostomus***, 255
lexi, *Plecostomus*, 255
Leyvaichthys, 134
Leyvaichthys, 134
Leyvaichthys castaneus, 134, 407
liacanthus, *Clarias*, 145
lianae, ***Copionodon***, 404
Liauchenoglanis, 161
Liauchenoglanis maculatus, 161
liberiensis, *Clarias*, 141
liberiensis, *Eutropius*, 364
libertatis, *Doras*, 174
lica, *Bagarius*, 383
lima, ***Hypostomus***, 256
lima, *Loricaria*, 294
lima, *Plecostomus*, 256
lima, ***Rineloricaria***, 294
lima, *Silurus*, 342
lima, ***Sorubim***, 342
lima atropinnis, *Plecostomus*, 251
lima microlepidota, *Loricaria*, 295
lima var. *microlepidota*, *Loricaria*, 295
Limatulichthys, 266
Limatulichthys griseus, 266
Limatulichthys petleyi, 266
limbatus, *Bagrus*, 107
limbatus, *Choeroplotosus*, 346
limbatus, ***Plotosus***, 108, 346, 350
limosus, *Pimelodus*, 215
limosus, *Plecostomus*, 253
limosus, *Pyloodictis*, 215

- limosus*, *Silurus*, 215
limpok, *Kryptopterus*, 370
limpok, *Silurus*, 370
limulus, *Eurycheilichthys*, 236
linami, *Pimelodella*, 192
lindica, *Phractura*, 26
lindicus, *Clarias*, 141
lineata, *Nannorhamdia*, 185
lineatum, *Euglyptosternum*, 388
lineatus, *Imparfinis*, 185
lineatus, *Plotosus*, 350
lineatus, *Plotosus*, 351, 352
lineatus, *Silurus*, 350
lineolatus, *Ancistrus*, 222
lineopunctata, *Chaetostoma*, 229
lineopunctatum, *Chaetostoma*, 229
linelli, *Leptodoras* 173
Liobagrus, 19
Liobagrus andersoni, 19
Liobagrus anguillicauda, 19
Liobagrus formosanus, 19
Liobagrus kingi, 19
Liobagrus marginatoides, 19
Liobagrus marginatus, 19
Liobagrus mediadiposalis, 19
Liobagrus nantoensis, 19
Liobagrus nantoënsis, 19
Liobagrus nigricauda, 20
Liobagrus obesus, 20
Liobagrus reinii, 19, 20
Liobagrus styani, 20
Liobagrus sugubii, 20
Liobagrus xiurenensis, 20
Liocassis, 92
Liocassis baramensis, 93
Liocassis breviceps, 103
Liocassis crassilabris, 92
Liocassis crassirostris, 92
Liocassis doriae, 93
Liocassis emarginatus, 102
Liocassis hosii, 93
Liocassis inornatus, 103
Liocassis longirostris, 92, 93
Liocassis merabensis, 93
Liocassis moeschii, 104
Liocassis naso, 108
Liocassis rugosus, 104
Liocassis saravacensis, 93
Liocassis siamensis, 104
Liocassis torosilabris, 108
Liocassis truncatus, 103
Liocassis vaillanti, 105
Liocassis hirsutus, 107
liocephalus, *Clarias*, 145
Liosomadoras, 75
Liosomadoras morrowi, 75
Liosomadoras oncinus, 75
lipophthalmus, *Doras* (*Oxydoras*), 169
Lipopterichthys, 266
Lipopterichthys carrioni, 266, 267
Liposarcus, 290
Liposarcus altipinnis, 291
Liposarcus ambrosettii, 291
Liposarcus anisitsi, 291
Liposarcus disjunctivus, 291
Liposarcus jeanesianus, 292
Liposarcus scrophus, 292
Liposarcus varius, 292
liropus, *Tachysurus*, 41
listrorhinos, *Apistoloricaria*, 226
Listrura, 408
Listrura boticario, 408
Listrura camposi, 408
Listrura nematopteryx, 408
Listrura picinguabae, 444
Listrura tetraradiata, 408
Lithodoradinae, 166
Lithodoras, 173
Lithodoras dorsalis, 173
lithogaster, *Doras*, 173
Lithogeneinae, 217
Lithogenes, 217, 267
Lithogenes valencia, 267
Lithogenes villosus, 267
lithoides, *Lithoxus*, 267
lithophilus, *Parasilurus*, 380
lithophilus, *Silurus*, 380
lithostoma, *Pangasius*, 326
Lithoxancistrus, 286
Lithoxancistrus orinoco, 286, 287
Lithoxina, 217
Lithoxus, 217, 267
Lithoxus (*Paralithoxus*)
pallidimaculatus, 267
Lithoxus (*Paralithoxus*) *planquettei*,
267
Lithoxus (*Paralithoxus*) *surinamensis*,
268
Lithoxus boujardi, 267
Lithoxus bovallii, 267
Lithoxus lithoides, 267
Lithoxus pallidimaculatus, 267
Lithoxus planquettei, 267
Lithoxus stocki, 268
Lithoxus surinamensis, 268
lithurgicus, *Ancistrus*, 222
littorale, *Hoplosternum*, 127
littorale daillyi, *Hoplosternum*, 128
littoralis, *Callichthys*, 127
litratus, *Ancistrus*, 290, 291
lituratus, *Pterygoplichthys*, 291
lividus, *Silurus*, 204, 205
lividus *Fuscatus*, *Silurus*, 205
lividus var. *Fuscatus*, *Silurus*, 205
livrée, *Pimélode*, 213
llanero, *Lamontichthys*, 264
loangwensis, *Clarias*, 151
loborhynchus, *Chaetostoma*, 227, 229
lombarderoi, *Xyliphius*, 62
lonah, *Bagrus*, 391
lonah, *Glyptothorax*, 391, 394
longianalis, *Clupisoma*, 357
longianalis, *Platytrapius*, 357
longibarbatu, *Trichomycterus*, 420
longibarbis, *Arius*, 334
longibarbis, *Bathyclarias*, 136
longibarbis, *Chrysichthys*, 157
longibarbis, *Chrysobagrus*, 157
longibarbis, *Clarias*, 136, 138
longibarbis, *Clarias* (*Allabenchelys*)
dumerili, 138
longibarbis, *Dianema*, 127
longibarbis, *Dinotropterus*, 136
longibarbis, *Laides*, 359
longibarbis, *Pangasius*, 359
longibarbus, *Leiocassis*, 92
longicauda, *Allabenchelys*, 137
longicauda, *Clariallabes*, 137
longicauda, *Euchiloglanis*, 399
longicauda, *Glyptothorax*, 391
longicauda, *Imparfinis*, 185
longicauda, *Pareuchiloglanis*, 399
longicauda, *Phractura*, 26
longicauda, *Pimelodus* (*Rhamdia*), 185
longicauda, *Rineloricaria*, 294
longicaudata, *Olyra*, 99
longicaudatus, *Olyra*, 99
longicaudatus, *Clariallabes*, 150
longicephalus, *Tachisurus*, 39
longicephalus, *Tachisurus*, 39
longiceps, *Astroblepus*, 65
longiceps, *Auchenoglanis*, 163
longiceps, *Clarias*, 143
longiceps, *Dolichamphilius*, 24
longiceps, *Osteogeneiosus*, 51
longiceps, *Parauchenoglanis*, 163
longidorsalis, *Chrysichthys*, 157
longidorsalis nyongensis,
Chrysichthys, 158
longifilis, *Akysis*, 442
longifilis, *Arges*, 65
longifilis, *Astroblepus*, 65
longifilis, *Callichthys*, 129
longifilis, *Chrysichthys*, 155
longifilis, *Copidoglanis*, 349
longifilis, *Eutropius*, 361
longifilis, *Heterobranchus*, 151
longifilis, *Hypophthalmus*, 334
longifilis, *Parailia*, 360
longifilis, *Pareutropius*, 361
longifilis, *Pimelodus*, 338
longimanus, *Ancistrus*, 291
longimanus, *Auchenipterichthys*, 71
longimanus, *Auchenipterus*, 71
longimanus, *Pseudeutropius*, 362
longinema, *Glyptothorax*, 394
longior, *Chasmocranus*, 182, 183

- longior*, *Clarias*, 145
longipectoralis, *Heteropneustes*, 152
longipinna, *Harttia*, 241
longipinnis, *Bariancistrus*, 227
longipinnis, *Chrysichthys*, 157
longipinnis, *Euanemus*, 74
longipinnis, *Gephyroglanis*, 157
longipinnis, *Hemiancistrus*, 227
longipinnis, *Rhamdella*, 196
longipinnis, *Trichogenes*, 414
longiradiatus, *Hypostomus*, 256
longiradiatus, *Plecostomus*, 256
longirostris, *Amphilius*, 22
longirostris, *Anoplopterus*, 22
longirostris, *Corydoras melanistius*, 113
longirostris, *Leiocassis*, 93
longirostris, *Liocassis*, 92, 93
longirostris, *Parakysis*, 16
longirostris, *Parotocinclus*, 282
longirostris, *Synodontis*, 316
longispinis, *Ælurichthys*, 38
longispinis, *Doras*, 170
longispinis, *Lasiancistrus*, 287
longispinis, *Pseudancistrus*, 287
longispinis, *Synodontis*, 316
longispinis, *Synodontis Batesi*, 316
longisrostris, *Nkondobagrus*, 99
longiuscula, *Rhamdella*, 196
longjiangensis, *Glyptothorax*, 391
longus, *Parasilurus asotus*, 379
lopezi, *Chasmocranus*, 183
Lophiobagrus, 161
Lophiobagrus aquilus, 161
Lophiobagrus asperispinis, 161
Lophiobagrus brevispinis, 161
Lophiobagrus cyclurus, 161
Lophiobagrus lestradei, 161, 162
lophoides, *Chaca*, 135, 136
Lophiosilurus, 353
Lophiosilurus alexandri, 353
lophius, *Amiurus*, 204
lophophanes, *Otothyris*, 276
lophophanes, *Rhinelepis*, 276
loppei, *Synodontis*, 318
loretoensis, *Corydoras*, 119
Loricaria, 216, 268
Loricaria (*Loricariichthys*) *fallax*, 245
Loricaria accipenser, 270
Loricaria acuta, 269
Loricaria altipinnis, 245
Loricaria amazonica, 270
Loricaria anus, 269
Loricaria apeltogaster, 268
Loricaria apeltogaster amazonum, 288
Loricaria apeltogaster var. *amazonum*, 288
Loricaria aurea, 298
Loricaria barbata, 298, 299
Loricaria beni, 245
Loricaria bransfordi, 240
Loricaria brevirostris, 299
Loricaria brunnea, 269
Loricaria cacerensis, 245
Loricaria cadeae, 294
Loricaria capetensis, 233
Loricaria caquetae, 296
Loricaria carinata, 268
Loricaria cashibo, 270
Loricaria castanea, 270
Loricaria catamarcensis, 294
Loricaria cataphracta, 268, 270
Loricaria cirrhosa, 268, 296
Loricaria clavipinna, 268
Loricaria commersonoides, 278
Loricaria cubataonis, 294
Loricaria curvispina, 296
Loricaria Dentata, 268
Loricaria devincenzii, 288
Loricaria dura, 268
Loricaria Eigenmanni, 245
Loricaria Evansii, 296
Loricaria felipponei, 294
Loricaria filamentosa, 233, 234
Loricaria filamentosa latiura, 233
Loricaria filamentosa seminuda, 234
Loricaria fimbriata, 297
Loricaria flava, 259
Loricaria frenata, 299
Loricaria griseus, 266
Loricaria gymnogaster, 297
Loricaria gymnogaster lagoichthys, 297
Loricaria henselii, 294
Loricaria hoehnei, 245
Loricaria jaraguensis, 294
Loricaria jubata, 246
Loricaria kneri, 299
Loricaria konopickyi, 246
Loricaria kronoi, 294
Loricaria labialis, 270
Loricaria laeviuscula, 289
Loricaria laeviuscula, 289
Loricaria lamina, 288
Loricaria lanceolata, 246
Loricaria lata, 268
Loricaria laticeps, 288
Loricaria latirostris, 294
Loricaria lima, 293, 294
Loricaria lima microlepidota, 295
Loricaria lima var. *microlepidota*, 295
Loricaria macrodon, 227
Loricaria macromystax, 293
Loricaria macrops, 293
Loricaria maculata, 269, 270
Loricaria magdalenae, 246
Loricaria melanoptera, 252
Loricaria microdon, 271
Loricaria microlepidogaster, 295
Loricaria nickeriensis, 269
Loricaria nigricauda, 246
Loricaria nudirostris, 271
Loricaria nudiventris, 297
Loricaria panamensis, 299
Loricaria parahemiodon, 270
Loricaria pareiacantha, 295
Loricaria parnahybae, 269
Loricaria parva, 246
Loricaria paulina, 294
Loricaria phoxocephala, 246
Loricaria piauhiae, 269
Loricaria piracicabae, 269
Loricaria platystoma, 233
Loricaria platyura, 246
Loricaria proluxa, 286
Loricaria proluxa lentiginosa, 286
Loricaria pujanensis, 297
Loricaria punctata, 266, 292
Loricaria rostrata, 245, 298, 300
Loricaria scolopacina, 237
Loricaria setifera, 268
Loricaria simillima, 269
Loricaria sneiderni, 246
Loricaria spinosae, 286
Loricaria Spixii, 270
Loricaria Steinbachi, 263
Loricaria steindachneri, 295
Loricaria stewarti, 247
Loricaria strigilata, 295
Loricaria Stübelii, 271
Loricaria submarginatus, 246
Loricaria teffeana, 247
Loricaria thrissoceps, 295
Loricaria tucumanensis, 269
Loricaria tuyrensis, 234
Loricaria uracantha, 240
Loricaria uracantha rupestre, 240
Loricaria Valenciennesii, 247
Loricaria variegata, 232, 233
Loricaria variegata venezuelae, 233
Loricaria vetula, 278
loricariformis, *Harttia*, 240, 241
Loricariichthys, 217
Loricariichthys, 217, 269
Loricariichthys acutus, 269
Loricariichthys anus, 269
Loricariichthys brunneus, 269
Loricariichthys cashibo, 270
Loricariichthys castaneus, 270
Loricariichthys chanjoo, 270
Loricariichthys derbyi, 270
Loricariichthys edentatus, 270
Loricariichthys hauxwelli, 270
Loricariichthys labialis, 270
Loricariichthys maculatus, 270
Loricariichthys melanocheilus, 271
Loricariichthys melini, 246

- Loricariichthys microdon*, 271
Loricariichthys nudirostris, 271
Loricariichthys parnahybae, 266
Loricariichthys platymetopon, 271
Loricariichthys rostratus, 271
Loricariichthys stuebelii, 271
Loricariichthys ucayalensis, 271
Loricariidae, 216
loricatus, *Callichthys*, 111
loricatus, *Doras*, 167
loweae, *Bathyclarias*, 149
loweae, *Dinotoperus*, 149
lowei, *Gephyroglanis*, 158
loxozonus, *Corydoras*, 119
luae, *Clarias*, 142
lubosicus, *Bagrus*, 84
lucenai, *Trachelyopterus*, 80
Luceri, *Platystoma*, 342
Luciopimelodinae, 329
Luciopimelodus, 329, 334
Luciopimelodus pati, 334
lucipinnis, *Synodontis*, 445
luderwaldti, *Pseudancistrus*, 280
lufirae, *Chiloglanis*, 306
lufirae, *Synodontis*, 316
lui, *Leiocassis*, 102
luigiana, *Rhamdia*, 199
lukugae, *Chiloglanis*, 306
lukugae, *Phractura*, 26
lumholtzi, *Cryptopterus*, 370
lumholtzi, *Kryptopterus*, 370
lundbergi, *Prietella*, 215
lundbergi, *Typhlobelus*, 426
luniscutis, *Arius*, 36
luniscutis, *Aspistor*, 36
lupus, *Ictalurus*, 209, 211
lupus, *Pimelodus*, 209
lurida, *Ageniosus (Silonia)*, 366
luridus, *Macrones*, 90
luridus, *Pachypterus*, 327
luteomaculatus, *Hypostomus*, 256
luteomaculatus, *Plecostomus*, 256
lutescens, *Pimelodus*, 215
luteus, *Hypostomus*, 256
luteus, *Noturus*, 212
luteus, *Oloplotosus*, 349
luteus, *Plecostomus*, 256
Lütkeni, *Platystoma*, 344
Lütkeni, *Plecostomus*, 251
luvur, *Silurus*, 431
lynx, *Pimelodus*, 204
lyra, *Oxyloricaria*, 299
lyra, *Physopyxis*, 176
lyra, *Sturisoma*, 299
lyrifformis, *Agmus*, 60
- M**
mabusi, *Chrysichthys*, 157
macarenensis, *Phenacorhamdia*, 188,
189
maccus, *Panaqolus*, 277
maccus, *Panaque*, 277
macgregwi, *Ameiurus*, 204
macgregwi, *Ictalurus*, 205
machadoi, *Genidens*, 44
machadoi, *Gladioglanis*, 183
machadoi, *Platyclarias*, 152
machadoi, *Plectrochilus*, 411
machadoi, *Tachysurus*, 44
machiquense, *Chaetostoma*, 229
machiquensis, *Chaetostoma*, 229
macilenta, *Denticetopsis*, 133
macilentus, *Hemicetopsis*, 133
maclareni, *Clarias*, 145
macconnellii, *Ameiurus*, 211
macracanthus, *Arius*, 36
macracanthus, *Bagrichthys*, 82
macracanthus, *Bagroides*, 82
macracanthus, *Centromochlus*, 73
macracanthus, *Clarias*, 143
macracanthus, *Pseudobagrighthys*, 82
macracanthus, *Rita*, 106
macraei, *Hatcheria*, 405
macraei, *Thrichomycterus*, 405
macrepipterus, *Synodontis*, 314
macrocephala, *Nannorhamdia*, 192
macrocephala, *Pimelodella*, 192
macrocephalus, *Ariodes*, 51
macrocephalus, *Arius*, 51
macrocephalus, *Atopochilus*, 303
macrocephalus, *Clarias*, 145
macrocephalus, *Clarotes*, 160
macrocephalus, *Cnidoglanis*, 346
macrocephalus, *Hemipimelodus*, 41
macrocephalus, *Kryptoptericthys*,
370
macrocephalus, *Kryptopterus*, 370
macrocephalus, *Osteogeneiosus*, 51
macrocephalus, *Plotosus*, 346
macrocephalus, *Silurus*, 341
macrochir, *Belodontichthys*, 368
macrodon, *Brochiloricaria*, 227
macrodon, *Loricaria*, 227
macrodon, *Synodontis*, 313
macromaculatus, *Glyptothorax*, 391
macromycterus, *Typhlobelus*, 426
macromystax, *Clarias*, 145
macromystax, *Loricaria*, 293
macromystax, *Rhadinoloricaria*, 293
macronema, *Akysis*, 16
macronema, *Chlarias angolensis*, 141
macronema, *Heterobranchus*, 151
macronema, *Hypselobagrus*, 97
macronema, *Pangasius*, 327
macronema, *Pseudorhamdia*, 337
macronema, *Silurodes*, 372
macronema, *Silurus*, 371, 372
macronemus, *Bagrus*, 37, 97
macronemus, *Bagrus*, 93, 97
macronemus, *Oreoglanis*, 397
macronemus, *Pseudobagarius*, 16
Macrones, 85, 106
Macrones (Hemibagrus) filamentus, 88
Macrones (Hemibagrus) wyckioides,
91
Macrones (Leiocassis) brashnikowi,
100
Macrones (Leiocassis) taeniatus, 102
Macrones (Pseudobagrus) tenuis, 103
Macrones aleppensis, 97
Macrones argentivittatus, 100
Macrones armatus, 94
Macrones baramensis, 87
Macrones bimaculatus, 94
Macrones bleekeri, 89, 94
Macrones Blythii, 85
Macrones bo, 88
Macrones bongan, 87
Macrones chinensis, 88
Macrones colvillii, 97
Macrones corsula, 90
Macrones Dayi, 85
Macrones elongatus, 88
Macrones fortis, 88
Macrones fortis capitulum, 88
Macrones fortis var. capitulum, 88
Macrones herzensteini, 92
Macrones howong, 88
Macrones kajan, 88
Macrones luridus, 90
Macrones medianalis, 102
Macrones merianiensis, 85
Macrones micropthalmus, 90
Macrones montanus dibrugarensis, 96
Macrones montanus var.
dibrugarensis, 96
Macrones peguensis, 90
Macrones pluriradiatus, 90
Macrones pratti, 102
Macrones pulcher, 97
Macrones rufescens, 94, 97
Macrones sinensis, 165
Macrones vittata, 106
Macronichthys, 106
Macronoides, 85, 87
Macronoides wilsoni, 87
macronotacanthus, *Arius*, 47
macronotus, *Batasio*, 85
macrophthalma, *Synodontis*, 316
macrophthalma, *Xenocara*, 222
macrophthalmus, *Ancistrus*, 222
macrophthalmus, *Hypostomus*, 256
macrophthalmus, *Hypostomus*
pseudohemiurus, 256
macrophthalmus, *Plotosus*, 349
macrophthalmus, *Synodontis*, 316
macropogon, *Chrysichthys*, 160
macrops, *Chaetostomus*, 243

- macrops*, *Chrysichthys*, 155
macrops, *Hemiancistrus*, 243
macrops, *Henonemus*, 406
macrops, *Hypostomus*, 256
macrops, *Leiocassis crassilabris*, 92
macrops, *Loricaria*, 293
macrops, *Plecostomus*, 256
macrops, *Ricola*, 293
macrops, *Stegophilus*, 406
macrops, *Synodontis*, 316
Macropterobagrus, 87
Macropteronotus, 138
Macropteronotus charmuth, 138, 148
Macropteronotus fuscus, 142
Macropteronotus hexacircinnus, 148
Macropteronotus jagur, 140
Macropteronotus magur, 140
macropterum, *Exostoma*, 398
macropterus, *Amblyceps*, 18
macropterus, *Bagrichthys*, 82
macropterus, *Bagroides*, 82, 83
macropterus, *Bagroides*, 82
macropterus, *Bagrus bayad*, 83
macropterus, *Calophysus*, 332
macropterus, *Chiloglanis*, 306
macropterus, *Chrysichthys*, 157
macropterus, *Corydoras*, 130
macropterus, *Hemibagrus*, 87, 89, 91
macropterus, *Leiocassis*, 83
macropterus, *Pareuchiloglanis*, 399
macropterus, *Pimelodes*, 332
macropterus, *Porcus bayad*, 83
macropterus, *Oreoglanis*, 398
macropterus, *Scleromystax*, 130
macrophthalmos, *Eutropius*, 361, 362
macrophthalmos, *Proeutropiichthys*, 362
macrophthalmos, *Pseudosilurus*, 374
macrohynchus, *Hemipimelodus*, 32
macrospila, *Piramutana*, 339
macrospilus, *Otocinclus*, 275
macrosteus, *Corydoras*, 112
macrostigma, *Synodontis*, 317
macrostoma, *Auchenoglanis*, 154
macrostoma, *Synodontis*, 317
macrostomus, *Anaspidoglanis*, 154
macrostomus, *Silurus (Callichrus)*, 381
macroteronema, *Cetopsis*, 133
macrotyphlops, *Chrysichthys*, 157
Macrotoconclus, 271
Macrotoconclus affinis, 271
Macrotoconclus flexilis, 271
macrotrema, *Euchiloglanis*, 399
macrotrema, *Pareuchiloglanis*, 399
macrura, *Phractura*, 27
macruropterygius, *Arius*, 55
macrurus, *Clarias*, 148
macturki, *Pimelodella*, 192
maculata, *Cteniloricaria*, 233
maculata, *Loricaria*, 269, 270
maculata, *Parasturisoma*, 233
maculata, *Wertheimeria*, 179
maculatum, *Glyptosternon*, 387
maculatum, *Parexostoma*, 387
maculatus, *Ancistrus*, 222
maculatus, *Arius*, 34, 35
maculatus, *Chaetostomus*, 228
maculatus, *Chaetostomus (Ancistrus)*
cirrhosus, 222, 228
maculatus, *Chaetostomus (Ancistrus)*
cirrhosus var., 222, 228
maculatus, *Corydoras*, 122
maculatus, *Doras*, 177
maculatus, *Liauchenoglanis*, 161
maculatus, *Loricariichthys*, 270
maculatus, *Nothoglanidium*, 161
maculatus, *Parastegophilus*, 410
maculatus, *Pimelodus*, 336, 338, 345
maculatus, *Pimelodus*, 209
maculatus, *Pimelodus (Bagrus)*, 345
maculatus, *Silurus*, 35, 207, 209
maculatus, *Stegophilus*, 410
maculatus, *Synodontis*, 318
maculatus, *Trichomycterus*, 415
maculatus, *Wallago*, 381
maculatus *Erythroptera*, *Silurus*, 209
maculatus var. *Erythroptera*, *Silurus*, 209
maculicauda, *Otocinclus*, 281, 283
maculicauda, *Parotocinclus*, 283
maculifer, *Corydoras*, 119
maculipinna, *Synodontis*, 320
maculipinnis, *Akysis*, 14
maculipinnis, *Hisonotus*, 248
maculipinnis, *Otocinclus*, 248
maculocephala, *Cascadura*, 127, 128
maculosus, *Aspidoras*, 109
maculosus, *Auchenipterus*, 79
maculosus, *Auchenoglanis*, 163
maculosus, *Synodontis*, 311, 318, 321
maculosus, *Trachelyopterus coriaceus*, 79
macunaima, *Ituglanis*, 407
macushi, *Hypostomus*, 256
macuspanensis, *Rhamdia*, 199
madagascariensis, *Arius*, 35
madeiræ, *Plecostomus*, 225
madeirensis, *Ageneiosus*, 69
madraspatanum, *Glyptosternum*, 391
madraspatanus, *Glyptothorax*, 388, 391
maesii, *Amphilius*, 22
maesotensis, *Erethistes*, 384
magatensis, *Arius*, 52
Magdalena, *Auchenipterus*, 79
magdalena, *Branchioica*, 411
magdalena, *Hemiloricaria*, 246
magdalena, *Hoplosternum*, 128
Magdalena, *Loricaria*, 246
magdalena, *Trachycorystes*, 79
magdalena, *Xyliphius*, 62
magnus, *Chrysichthys*, 157
magoi, *Ageneiosus*, 69
magoi, *Brachyglanis*, 180
magoi, *Pygidianops*, 412
magur, *Macropteronotus*, 140
mahakamensis, *Acrochordonichthys*, 12
mahakamensis, *Leiocassis*, 104
mahakamensis, *Pangasius*, 327
mahakamensis, *Pseudomystus*, 104
mahengeensis, *Chrysichthys*, 157
major, *Akysis*, 391
major, *Glyptothorax*, 391
major, *Hemibagrus*, 89
majusculus, *Bagrichthys*, 83
malabarbai, *Microglanis*, 354
Malabarica, *Hara*, 96
malabaricus, *Arius*, 35
Malabaricus, *Bagrus*, 96
malabaricus, *Mystus*, 96
malabaricus, *Ompok*, 372
malabaricus, *Silurus*, 372
Malacobagrus, 330
Malacoglanis, 408
Malacoglanis gelatinosus, 408
malacops, *Ancistrus*, 222
malacops, *Chaetostomus*, 222
Malacopterus, 301
malaisei, *Glyptosternon*, 387
Malapteruridae, 300
Malapterurini, 300
Malapterurus, 300, 301
Malapterurus affinis, 301
Malapterurus barbatus, 301
Malapterurus beninensis, 301
Malapterurus cavalliensis, 301
Malapterurus coila, 356
Malapterurus electricus, 301
Malapterurus electricus oguensis, 302
Malapterurus electricus, var. *ogooensis*, 302
Malapterurus electricus var. *oguenis*, 302
Malapterurus gossei, 302
Malapterurus leonensis, 301
Malapterurus melanochir, 301
Malapterurus microstoma, 301
Malapterurus microstomus, 301
Malapterurus minjiriya, 302
Malapterurus monsembeensis, 302
Malapterurus murrayi, 302
Malapterurus occidentalis, 302
Malapterurus oguensis, 302
Malapterurus polli, 302
Malapterurus punctatus, 302
Malapterurus shirensis, 302

- Malapterurus stiasnyae*, 301
Malapterurus tanganyikaensis, 302
Malapterurus tanoensis, 302
Malapterurus teugelsi, 302
Malapterurus thysi, 301
Malapterurus zambeziensis, 302
Malapterus, 301
Malapterus, 301, 356
Malapterus (Ailia) bengalensis, 356
Malapturus, 301
malaris, *Clarias*, 143
malarmo, *Platysilurus*, 340
maldonadoi, *Bullockia*, 404
Maldonadoi, *Hatcheria*, 403, 404
malignus, *Plotosus*, 351
Malopterurus, 301
mamore, *Corydoras*, 120
mamoré, *Corydoras*, 120
managuensis, *Pimelodus*, 199
mancoi, *Astroblepus*, 65
mandevillei, *Atopochilus*, 304
mandevillei, *Leptoglanis*, 28
mandevillei, *Pareutropius*, 361
mandevillei, *Zaireichthys*, 28
mandibularis, *Eutropius*, 364
mandibularis, *Schilbe*, 364
mangois, *Amblyceps*, 18
mangois, *Pimelodus*, 18
mangrullo, *Silurus*, 341
mangurus, *Pimelodus*, 355
mangurus, *Pseudopimelodus*, 355
manillensis, *Arius*, 35
manillensis, *Cephalocassis*, 41
Manillensis, *Pimelodus*, 41
manipurensis, *Glyptothorax*, 391
manipurensis, *Laguvia*, 382
maniradii, *Sorubim*, 342
manjong, *Arius*, 55
manni, *Pteroglanis*, 343
manni, *Synodontis*, 317
manyangae, *Allabenchelys*, 137
manyangae, *Clariallabes*, 137
mapale, *Cathorops*, 40
maquinensis, *Rineloricaria*, 294
maracaibero, *Lamontichthys*, 264
maracaiboensis, *Hemiancistrus*, 243
maracaiboensis, *Lasiancistrus*, 265
maracaiboensis, *Pygidium banneau*, 420
maracaiboensis, *Trichomycterus*, 420
maracasae, *Ancistrus*, 223
marapoama, *Otothyropsis*, 276
marcapatae, *Chaetostoma*, 229
marcapatae, *Chaetostomus*, 229
margaritififer, *Hypostomus*, 256
margaritififer, *Plecostomus*, 256
margaritififer butantanis, *Plecostomus*, 256
marginata, *Pimelodus pallidus* var., 210
marginata, *Taunayia*, 203
marginatoides, *Amblyceps*, 19
marginatoides, *Liobagrus*, 19
marginatum, *Chaetostoma*, 229
marginatus, *Amblyceps*, 19
marginatus, *Chaetostomus*, 229
marginatus, *Hypophthalmus*, 333
marginatus, *Liobagrus*, 19
marginatus, *Noturus*, 213
marginatus, *Pimelodus*, 206
marginatus, *Plotosus*, 350
marginatus, *Silurus pallidus*, 210
marginatus, *Silurus pallidus* var., 210
marginatus atrorus, *Schilbeodes*, 213
mariae, *Astroblepus*, 65
mariae, *Cyclopium*, 65
mariae, *Oloplotosus*, 349
mariae, *Otocinclus*, 275
mariaelenae, *Farlowella*, 238
mariai, *Imparaes*, 188
mariai, *Nemuroglanis*, 188
marinus, *Bagre*, 37
marinus, *Silurus*, 37, 38, 44
marlieri, *Chiloglanis*, 306
marmorata, *Leptorhamdia*, 187
marmorata, *Synodontis*, 317
marmoratum, *Trachypoma*, 404
marmoratus, *Ageneiosus*, 69
marmoratus, *Amphilius grammatophorus*, 23
marmoratus, *Arges*, 65
marmoratus, *Astroblepus*, 65
marmoratus, *Corydoras*, 122
marmoratus, *Helogenes*, 134
marmoratus, *Doras*, 171
marmoratus, *Franciscodoras*, 171
marmoratus, *Leiarius*, 334
marmoratus, *Pimelodus*, 206
marmoratus, *Schilbe*, 364
marmoratus, *Sciades*, 334
marmoratus, *Silurichthys*, 378
marmoratus, *Synodontis*, 317
marmoratus, *Trichomycterus*, 415
marmoratus truncatus, *Synodontis*, 317
marmorescens, *Chaetostoma*, 229
marpus, *Clarias*, 148
marquesi, *Ageneiosus*, 70
marthae, *Brachyrhamdia*, 181
marthae, *Rhamdia*, 181
martinezi, *Pimelodella*, 193
martini, *Acestridium*, 218
martini, *Ancistrus*, 223
martini, *Ancistrus triradiatus*, 223
martini, *Farlowella*, 238
Martyi, *Rhamdia sebae*, 202
mastersi, *Arius*, 45
mastersi, *Hexanematchthys*, 45
Mastiglanis, 187
Mastiglanis asopos, 187
mathisoni, *Zungaro*, 356
mathesi, *Synodontis*, 317
matogrossensis, *Ancistrus*, 300
matogrossensis, *Ancistrus*, 300
maurus, *Bagrus*, 158
maurus, *Chrysichthys*, 157, 158, 160
maydelli, *Hemibagrus*, 89
maydelli, *Mystus (Mystus)*, 89
maydeni, *Noturus*, 441
mayoloi, *Hemiancistrus*, 264
mayoloi, *Lasiancistrus*, 265
mazatlana, *Netuma*, 54
mboycy, *Trichomycterus*, 420
mbozi, *Chiloglanis*, 306
McCaskei, *Ichthaelurus*, 204
Medemichthys, 188
Medemichthys guayaberensis, 188
mediadiposalis, *Liobagrus*, 19
medianalis, *Macrones*, 102
medianalis, *Pseudobagrus*, 102
medians, *Ancistrus*, 242, 243
medians, *Hemincistrus*, 243
mediobarbis, *Neosilurus*, 347
meeki, *Amiurus*, 209
meeki, *Pimelodella*, 193
meesi, *Brachyrhamdia*, 181
megacephalus, *Chaetostomus*, 244
megacephalus, *Hemiancistrus*, 244
Megalancistrus, 272
Megalancistrus barrae, 272
Megalancistrus parananus, 272
Megalechis, 129
Megalechis picta, 129
Megalechis thoracata, 129
Megalocentor, 409
Megalocentor echthrus, 409
Megalodoras, 173
Megalodoras guayoensis, 173
Megalodoras irwini, 173, 174
Megalodoras paucisquamatus, 173
Megalodoras uranoscopus, 174
Megalonema, 335
Megalonema argentina, 335
Megalonema pauciradiatum, 335
Megalonema platanum, 335
Megalonema platycephalum, 335
Megalonema platycephalum psammium, 335
Megalonema psammium, 335
Megalonema punctatum, 339
Megalonema rhabdostigma, 338
Megalonema robustum, 339
Megalonema xanthum, 335
megalops, *Centromochlus*, 73
megalops, *Iheringichthys*, 334
megalops, *Pimelodella*, 193
megalops, *Pimelodus*, 210

- megalops*, *Pseudeutropius*, 362
megalopteryx, *Hemiancistrus*, 244
megalostomus, *Ancistrus*, 223
megalura, *Pimelodella*, 193
megapogon, *Clarias*, 141
megastomus, *Plotosus*, 345, 346
megistus, *Ernstichthys*, 60
megistus, *Hoplomyzon*, 60
meizospilos, *Hemiancistrus*, 244
mekongensis, *Hemisilurus*, 368
mekongensis, *Pangasius*, 327
meladerma, *Clarias*, 145
melampterus, *Callichthys*, 127, 128
melanistius, *Corydoras*, 120
melanistius brevisrostris, *Corydoras*, 114
melanistius longirostris, *Corydoras*, 113
melanocheilus, *Loricariichthys*, 271
melanochir, *Arius*, 41
melanochir, *Cephalocassis*, 41
melanochir, *Malapterurus*, 301
Melanodactylus, 155
melanoderma, *Clarias*, 146
melanodermatum, *Steindachneridion*, 343
melanogaster, *Acrochordonichthys*, 13
melanogaster, *Pimelodus*, 12, 13
melanopogon, *Ageneiosus*, 68
melanopogon, *Clarias*, 145
melanops, *Tridens*, 426
melanoptera, *Gagata*, 386
melanoptera, *Loricaria*, 252
melanoptera, *Synodontis*, 317
melanopterum, *Glanidium*, 75
melanopterus, *Bagroides*, 83
melanopterus, *Gagata*, 386
melanopterus, *Synodontis*, 317
melanopterus, *Xyliphius*, 62
melanopterygius, *Arius*, 56
melanopus, *Arius*, 40
melanopus, *Cathorops*, 40
melanostictus, *Synodontis*, 318
melanostictus iturii, *Synodontis*, 315
melanostictus var. iturii, *Synodontis*, 315
melanotaenia, *Corydoras*, 120
melanurus, *Batrochoglanis*, 353
melanurus, *Pachypterus*, 358
melanurus, *Silurus cerulescens*, 209
melanurus, *Silurus cerulescens*, var., 209
melaphareus, *Entomocorus*, 74
melapterus, *Bagroides*, 83
melapterus, *Bagroides*, 83
melas, *Ameiurus*, 205
melas, *Ancistrus*, 220
melas, *Bagrus*, 95
melas, *Brachyglanis*, 181
melas, *Bunocephalus*, 58
melas, *Clariallabes*, 137
melas, *Clarias*, 137
melas, *Pimelodus*, 205
melas, *Silurus*, 205
melas lembesseensis, *Clarias*, 137
melasoma, *Clarias*, 146
meleagris, *Hypostomus*, 256
meleagris, *Plecotomus*, 256
melini, *Corydoras*, 120
melini, *Hemiloricaria*, 246
melini, *Loricariichthys*, 246
Mellandi, *Clarias*, 146
membranacea, *Hemisynodontis*, 309
membranaceus, *Pimelodus*, 309
mendozaensis, *Silvinichthys*, 413
mendozaensis, *Trichomycterus*, 413
menezesi, *Aspidoras*, 109
menezesi, *Auchenipterus*, 72
menezesi, *Pyxiloricaria*, 292
menoda, *Hemibagrus*, 89
menoda, *Pimelodus*, 89
menoni, *Fajumia*, 429
mentalis, *Eutropius*, 364
mento, *Silurus*, 380
merabensis, *Liocassis*, 93
meraukensis, *Copidoglanis*, 351
meraukensis, *Porochilus*, 351
mercatoris, *Arius*, 31
merevari, *Harttia*, 241
merianiensis, *Batasio*, 85
merianiensis, *Macrones*, 85
meridae, *Trichomycterus*, 420
meridionalis, *Akysis*, 17
meridionalis, *Amiurus*, 208
meridionalis, *Bagrus*, 84
meridionalis, *Corydoras*, 116
meridionalis, *Pseudobagarius*, 17
meridionalis, *Silurus*, 380
meridionalis, *Silurus soldatovi*, 380
Merodontotus, 330
Merodontotus tigrinus, 330, 331
merus, *Glyptothorax*, 390
mesembrinus, *Diplomystes*, 166
mesembrinus, *Diplomystes viedmensis*, 166
mesembrinus, *Olivaichthys*, 166
mesops, *Bagrus*, 53
metae, *Corydoras*, 120
metae, *Ituglanis*, 407
metae, *Pimelodella*, 193
metae, *Pygidium*, 407
metae guayaberenis, *Pygidium*, 407
Metaloricaria, 217, 272
Metaloricaria nijsseni, 272
Metaloricaria paucidens, 272
Metaloricariina, 217
mexicanus, *Amiurus*, 209
mexicanus, *Ictalurus*, 209
meyenii, *Bagrus (Ariodes)*, 52
mica, *Mystus*, 100
mica, *Pelteobagrus*, 100
micayi, *Rhamdia*, 197
micracanthus, *Bagrus*, 96
micracanthus, *Corydoras*, 120
micranodus, *Bagrichthys*, 83
micrescens, *Astroblepus*, 65
micrescens, *Astroblepus grixalvii*, 65
micristius, *Pareutropius*, 360, 361
Microcambeva, 409
Microcambeva barbata, 409
Microcambeva ribeirae, 409
microcephala, *Rhamdia*, 202
microcephala, *Rhamdiopsis*, 202
microcephalus, *Arius*, 35
microcephalus, *Cnidoglanis*, 346
microcephalus, *Corydoras*, 122
microcephalus, *Pseudarius*, 35
microcephalus, *Saccobranchus*, 151
microcephalus, *Silurus*, 374
microceps, *Euristhmus*, 346
microceps, *Plotosus*, 346
Microcorydoras, 112
microdon, *Loricaria*, 271
microdon, *Loricariichthys*, 271
microdorsalis, *Parasilurus*, 380
microdorsalis, *Silurus*, 380
microgalaesus, *Aspidoras*, 109
microgastropterygius, *Arius*, 55
Microglanis, 354
Microglanis ater, 354
Microglanis cibelaes, 354
Microglanis cottoides, 354
Microglanis eurystoma, 354
Microglanis garavelloii, 354
Microglanis iheringi, 354
Microglanis leptostriatus, 441
Microglanis malabarbai, 354
Microglanis nigripinnis, 354
Microglanis parahybae, 354
Microglanis pataxo, 444
Microglanis pellopterygius, 354
Microglanis poecilus, 354
Microglanis secundus, 355
Microglanis variegatus, 355
Microglanis zonatus, 355
Microlepidogaster, 272
Microlepidogaster bahiensis, 281
Microlepidogaster bourguyi, 300
Microlepidogaster depressinotus, 248
Microlepidogaster doceanus, 282
Microlepidogaster guentheri, 296
Microlepidogaster guntheri, 295
Microlepidogaster güntheri, 296
Microlepidogaster perforata, 272
Microlepidogaster perforatus, 272
Microlepidogaster taimensis, 249
microlepidogaster, *Loricaria*, 295

- microlepidogaster*, *Rineloricaria*, 295
microlepidota, *Loricaria lima*, 295
microlepidota, *Rineloricaria*, 295
micromaculatus, *Hypostomus*, 256
micrommatos, *Hemiancistrus*, 244
Micromyzon, 61
Micromyzon akamai, 61
Micronema, 371
Micronema bleekeri, 374
Micronema cheveyi, 371
Micronema hexapterus, 371
Micronema moorei, 371
Micronema platypogon, 371
Micronema typus, 375
micronemus, *Pangasius*, 328
micronemus, *Phalacronotus*, 375
micronemus, *Pseudolais*, 328
micronemus, *Silurus*, 375
micronotacanthus, *Arius*, 55
microphthalmus, *Brachyglanis*, 181
microphthalmus, *Clarias*, 143
microphthalmus, *Dolichallabes*, 149
microphthalmus, *Euristhmus*, 442
microphthalmus, *Hemibagrus*, 90
microphthalmus, *Macrones*, 90
micropoeus, *Doras*, 171
micropoeus, *Hemidoras*, 171
micropogon, *Bagrus*, 92, 93
micropogon, *Batrachoccephalus*, 38
micropogon, *Chiloglanis*, 305
micropogon, *Eutropius*, 364
micropogon, *Leiocassis*, 93
micropogon, *Schilbe*, 364
micropogon, *Silurus*, 374
micropogon, *Wallago*, 381
microps, *Akysis*, 14
microps, *Chaetostoma*, 229
microps, *Chaetostomus*, 229
microps, *Chiloglanis*, 306
microps, *Corydoras*, 112
microps, *Harttia*, 290
microps, *Imparfinis*, 186
microps, *Leiocassis*, 100
microps, *Neoplecostomus*, 273
microps, *Pareiodon*, 411
microps, *Pelteobagrus*, 100
microps, *Plecostomus*, 273, 281
microps, *Plecostomus (Rhinelepis)*, 281
microps, *Pterosturisoma*, 290
microps, *Rhamdia*, 201
microps, *Saccobranchus*, 151
micropterus, *Arius*, 166
micropterus, *Pimelodus*, 200
micropunctatus, *Plecostomus*, 225
micropus, *Kryptopterus*, 369
microstoma, *Malapterurus*, 301
microstoma, *Pimelodus*, 338
microstomus, *Arius*, 39
microstomus, *Clarias*, 146
microstomus, *Hemidoras*, 179
microstomus, *Hypostomus*, 250, 257
microstomus, *Malapterurus*, 301
microstomus, *Trachydoras*, 179
Microsynodontis, 309
Microsynodontis armatus, 309
Microsynodontis batesii, 309
Microsynodontis Christyi, 309
Microsynodontis emarginata, 309
Microsynodontis emarginatus, 309
Microsynodontis hirsuta, 310
Microsynodontis hirsutus, 310
Microsynodontis laevigata, 310
Microsynodontis laevigatus, 310
Microsynodontis lamberti, 310
Microsynodontis nannoculus, 310
Microsynodontis nasutus, 310
Microsynodontis notata, 310
Microsynodontis notatus, 310
Microsynodontis polli, 310
Microsynodontis vigilis, 310
micruropterus, *Phalacronotus*, 375
micruropterygius, *Arius*, 36
midgleyi, *Arius*, 47
midgleyi, *Neoarius*, 47
migrans, *Pygidium*, 420
migrans, *Trichomycterus*, 420
milesi, *Autanadoras*, 178, 179
milesi, *Chaetostoma*, 229
milesi, *Chaetostomus*, 229
militaris, *Ageneiosus*, 68, 69
militaris, *Ageniosus*, 68
militaris, *Arius*, 51
militaris, *Osteogeneiosus*, 51
militaris, *Silurus*, 51, 68, 69
mimonha, *Trichomycterus*, 420
mimulus, *Otocinclus*, 275
mindoense, *Cyclopium*, 65
mindoensis, *Astroblepus*, 65
minimaculatus, *Glyptothorax*, 391
minus, *Kryptopterus*, 370
minjiriya, *Malapterurus*, 302
mino, *Ageneiosus*, 38
mino, *Batrachoccephalus*, 38
minor, *Kryptopterus*, 370
minuta, *Rhamdia*, 186
minutum, *Cetopsidium*, 130
minutum, *Glyptosternon*, 393
minutum, *Scleronema*, 413
minutus, *Ancistrus*, 223
minutus, *Bunocephalus*, 59
minutus, *Hemicetopsis*, 130
minutus, [*Hisonotus*], 249
minutus, *Imparfinis*, 186
minutus, *Glyptothorax*, 391, 392, 393
minutus, *Parotocinclus*, 283
minutus, *Trachyglanis*, 28
minutus, *Silurus*, 431
minutus, *Trichomycterus*, 413
miostoma, *Wallago*, 372
miostomus, *Ompok*, 372
mirini, *Imparfinis*, 186
mirissumba, *Trichomycterus*, 420
misionera, *Rineloricaria*, 295
mispilliensis, *Amiurus*, 206
misrai, *Fajumia*, 429
misrai, *Mystus*, 97
mitchelli, *Pseudeutropius*, 362
Miuroglanis, 409
Miuroglanis platycephalus, 409
miurus, *Noturus*, 214
möbiusii, *Eutropius*, 364
Mochocus, 310
Mochocus brevis, 310
Mochokidae, 303
Mochokiella, 310
Mochokiella paynei, 310
Mochokus, 303, 310
Mochokus brevis, 310
Mochokus niloticus, 310, 311
modesta, *Pimelodella*, 193
modestum, *Glyptosternum*, 389
modestus, *Pimelodus*, 193
modjensis, *Chiloglanis*, 306
moebii, *Eutropius*, 365
moebiusii, *Schilbe*, 364
moeschii, *Leiocassis*, 105
moeschii, *Liocassis*, 104
moeschii, *Pseudomystus* 104
molinae, *Cetopsorhamdia*, 182
mollespiculum, *Neosilurus*, 348
molliceptus, *Arius*, 55
mollinasum, *Chaetostoma*, 230
mollinasus, *Chaetostomus*, 230
mollis, *Silurus*, 214
mondolfi, *Pygidium*, 421
mondolfi, *Trichomycterus*, 421
mong, *Pimelodus*, 55
mongallensis, *Slatinia*, 24
Monistiancistrus, 289
Monistiancistrus carachama, 289
monitor, *Amblydoras*, 169
monitor, *Zathorax*, 168, 169
monkei, *Auchenoglanis*, 163
monkei, *Clarias*, 141
monkei, *Parauchenoglanis*, 163
mononema, *Kryptopterus*, 370
mononema, *Silurus*, 370
monopelte, *Sturisoma*, 299
monsembeensis, *Malapterurus*, 302
montana, *Cetopsis*, 132
montana, *Clupisoma*, 357
montana, *Erethistoides*, 384
montana, *Pimelodella*, 193
montana, *Rhamdella*, 196
montana, *Xenocara*, 223
montana pipri, *Erethistoides*, 384

- montanus*, *Ancistrus*, 223
montanus, *Bagrus*, 96
montanus, *Mystus*, 96
montanus *dibrugarensis*, *Macrones*, 96
montebelloi, *Canthopomus*, 263
montebelloi, *Ixinandria*, 263
moolenburghae, *Pseudeutropius*, 362
moolenburghi, *Hemisilurus*, 369
moorei, *Kryptopterus*, 371
moorei, *Micronema*, 371
moorii, *Clarias*, 143
moravicus, *Otolithus* (*Arius* ?), 434
morehensis, *Silurus*, 376
morei, *Opsodoras*, 175
Morei, *Oxydoras*, 175
moreirai, *Rhamdiopsis*, 202, 203
morenoi, *Cetopsidium*, 130
morenoi, *Hemisetopsis*, 130
Mormyrostoma, 170
morrisei, *Hemidoras*, 172
morrowi, *Hemiloricaria*, 246
morrowi, *Liosomadoras*, 75
morrowi, *Rhineloricaria*, 246
mortiauxi, *Tanganikallabes*, 152
mortoni, *Neosilurus*, 348
mossambicus, *Clarias*, 143
motaguensis, *Pimelodus*, 198
motatanensis, *Cetopsis*, 132
motatanensis, *Pseudocetopsis plumbeus*, 132
motatanensis, *Pygidium emanueli*, 421
motatanensis, *Trichomycterus*, 421
mounseyi, *Rhamdia*, 201
mucosa, *Pimelodella*, 193
mucosa, *Platystoma*, 340
mucosus, *Platysilurus*, 340
mucronatum, *Amblyceps*, 18
muelleri, *Paraplotosus*, 349
muelleri, *Rhamdia*, 199
Mugil corsula, 89
mukherjii, *Mystus*, 95
mülleri, *Clarias*, 143
mülleri, *Cnidoglanis*, 349
mülleri, *Pimelodus*, 199
Mülleri, *Silurus*, 380, 381
multilineatus, *Eutropius*, 365
multimaculata, *Synodontis*, 317
multimaculatus, *Corydoras*, 120
multimaculatus, *Synodontis*, 317
multimaculatus, *Zungaropsis*, 344
multipunctata, *Amphilius nigricaudatus*, 21
multipunctata, *Synodontis*, 317
multipunctatus, *Synodontis*, 317
multiradiatus, *Arius*, 40
multiradiatus, *Brochis*, 120
multiradiatus, *Cathorops*, 40
multiradiatus, *Chaenothorax*, 120
multiradiatus, *Corydoras*, 120
multiradiatus, *Cranoglanis*, 165
multiradiatus, *Heptapterus*, 184
multiradiatus, *Hypostomus*, 290, 291
multiradiatus, *Mystus*, 96
multiradiatus, *Pimelodus*, 334
multiradiatus, *Plotosus*, 350
multiradiatus, *Pseudeutropichthys*, 165
multiradiatus, *Pterygoplichthys*, 291
multiradiatus alternans, *Ancistrus*, 291
multispinis, *Ancistrus*, 223
multispinis, *Ancistrus*, 265
multispinis, *Xenocara*, 223
multitaeniatus, *Eutropius*, 365
multitaeniatus, *Schilbe*, 365
munitus, *Noturus*, 214
mura, *Otocinclus*, 275
muriaensis, *Parotocinclus*, 283
murica, *Doras*, 177
muricata, *Pseudolaguvia*, 401
muriei, *Rhamdia guatemalensis*, 202
murinus, *Spectracanthicus*, 297
murius, *Eutropiichthys*, 357
murius, *Pimelodus*, 357
murius *batarensis*, *Pseudeutropius*, 357
murrayi, *Malapterurus*, 302
murraystuarti, *Amblyceps*, 18
murray-stuarti, *Amblyceps*, 18
musaica, *Tatia*, 77
musculus, *Pimelodus*, 200
mustelinus, *Heptapterus*, 184
mustelinus, *Pimelodus*, 184
muticus, *Silurus*, 337
mutisii, *Eremophilus*, 404
mutisindoziensis, *Clariallabes*, 137
mutuca, *Hemipsilichthys*, 280
mutuca, *Pareiorhaphis*, 280
mutucae, *Hypostomus*, 257
myanmar, *Pangasius*, 327
Myersglanis, 396
Myersglanis blythii, 396
Myersglanis jayarami, 396
myersi, *Corydoras*, 123
myersi, *Hypostomus*, 257
myersi, *Leiocassis*, 104
myersi, *Leptodoras*, 173
myersi, *Plecostomus*, 257
myersi, *Pseudomystus*, 104
Myoglanis, 187
Myoglanis aspredinoides, 187
Myoglanis koepckei, 187
Myoglanis potaroensis, 187
Myoglanis potaroensis, 187
myriodon, *Aposturisoma*, 226
myriodon, *Chrysichthys*, 155
Mysoricus, *Silurus*, 374
mystacinus, *Ancistrus*, 265
mysteriosus, *Pimelodus*, 338
mysticetus, *Mystus*, 96
Mystus, 93
Mystus (*Mystus*) *maydelli*, 89
Mystus (*Mystus*) *vittatus horai*, 95
Mystus alasensis, 94
Mystus albolineatus, 94
Mystus armatus, 94, 98
Mystus armiger, 94
Mystus ascita, 177
Mystus atrifasciatus, 94
Mystus aubentoni, 91
Mystus bimaculatus, 94
Mystus bleekeri, 94
Mystus bocourti, 94
Mystus canarensis, 96
Mystus carolinensis, 37
Mystus castaneus, 94
Mystus cavasius, 95
Mystus dalungshanensis, 95
Mystus falcarius, 95
Mystus fluvialtilis, 164
Mystus gulio, 95
Mystus havmolleri, 85
Mystus horai, 95
Mystus impluviatus, 95
Mystus johorensis, 89
Mystus krishnensis, 89
Mystus leucophasis, 96
Mystus malabaricus, 96
Mystus mica, 100
Mystus misrai, 97
Mystus montanus, 96
Mystus mukherjii, 95
Mystus multiradiatus, 96
Mystus mysticetus, 96
Mystus nigriceps, 96
Mystus oculatus, 96
Mystus olyroides, 90
Mystus pahangensis, 90
Mystus pelusius, 96
Mystus pulcher, 97
Mystus punctifer, 97
Mystus rhegma, 97
Mystus rufescens, 94, 97
Mystus sabanus, 91
Mystus seengtee, 97
Mystus singlarigan, 97
Mystus spinipectoralis, 97
Mystus stigmaturus, 85
Mystus tengara, 97, 98
Mystus vittatus, 98
Mystus wolffii, 98
mystus, *Schilbe*, 365
mystus, *Silurus*, 362, 365
myzostoma, *Euchiloglanis*, 399
myzostomus, *Pareuchiloglanis*, 399
N
N'gamensis, *Ciarias*, 146
N'gamensis, *Clarias*, 146
nahuelbutaensis, *Diplomystes*, 166

- naipi*, *Trichomycterus*, 421
namdia, *Pimelodus*, 200
Nangra, 396
Nangra assamensis, 396
Nangra bucculenta, 396
Nangra Buchananii, 397
Nangra carcharhinoides, 396
Nangra nangra, 397
Nangra ornata, 397
Nangra punctata, 395
Nangra robusta, 397
nangra, **Nangra**, 397
nangra, *Pimelodus*, 396, 397
nannoculus, *Microsynodontis*, 310
Nannoglanis, 187
Nannoglanis bifasciatus, 203
Nannoglanis fasciatus, 187, 188
Nannoglanis hoehnei, 188
Nannoptychopoma, 272
Nannoptychopoma spectabile, 272
Nannoptychopoma sternoptychum, 273
Nannorhamdia, 180, 185
Nannorhamdia benedetti, 198
Nannorhamdia guttatus, 185
Nannorhamdia lineata, 185
Nannorhamdia macrocephala, 192
Nannorhamdia nemacheir, 186
Nannorhamdia schubarti, 186
Nannorhamdia spurrellii, 185, 186
Nannorhamdia stictionotus, 186
Nanobagrus, 98
Nanobagrus armatus, 98
Nanobagrus nebulosus, 98
Nanobagrus stellatus, 98
nanonoticolus, *Gelanoglanis*, 74
nantoensis, *Liobagrus*, 19
nantoënsis, *Liobagrus* 19
nanus, *Corydoras*, 120
napoensis, *Corydoras*, 120
narcissus, *Corydoras*, 120
nasalis, *Eutropius*, 363
naso, *Liocassis*, 108
Nasocassis, 92
nassi, *Phractocephalus*, 336
nasus, *Cetopsorhamdia*, 181, 182
nasus, *Pimelodina*, 336
nasuta, *Psamphiletria*, 27
nasuta, *Rhamdia*, 201
nasutus, *Arius*, 49
nasutus, *Microsynodontis*, 310
nasutus, *Pangasius*, 327
nasutus, *Pseudopangasius*, 327
natalensis, *Amphilius*, 22
natalis, *Ameiurus*, 205
natalis, *Pimelodus*, 205
natalis analis, *Amiurus*, 205
nationi, *Ancistrus*, 223
nationi, *Lasiancistrus*, 223
nattereri, *Corydoras*, 121
nattereri, *Farlowella*, 238
Nattereri, *Oxydoras*, 179
nattereri, *Trachydoras*, 179
nattereri triseriatus, *Corydoras*, 121
nautilus, *Amblydoras*, 169
nautilus, *Zathorax*, 169
navarroi, *Pimelodus*, 338
navarroi, *Pimelodus grosskopfii*, 338
naziri, *Clupisoma*, 357
naziri, *Glyptothorax*, 392
Neblichthys, 273
Neblichthys pilosus, 273
Neblichthys roraima, 273
Neblichthys yaravi, 273
nebulifer, *Pareuchiloglanis*, 399
nebulosa, *Synodontis*, 317
nebulosus, *Ameiurus*, 205
nebulosus, *Clarias*, 148
nebulosus, *Doras*, 178
nebulosus, *Ituglanis*, 407
nebulosus, *Nanobagrus*, 98
nebulosus, *Pimelodus*, 205, 215
nebulosus, *Silurus*, 215
nebulosus, *Silurus (Callichrus)*, 374
nebulosus, *Synodontis*, 317
nebulosus, *Wallago*, 381
nebulosus pannonicus, *Ictalurus*, 206
Nedystoma, 46
Nedystoma dayi, 46
Nedystoma novaeguineae, 46
negro, *Corydoras*, 121
neivai, *Glanidium*, 77
neivai, *Tatia*, 77
nella, *Pimelodus*, 52
nella, *Plicofollis*, 52
nelsoni, *Conorhynchus*, 53
nelsoni, *Glyptothorax*, 392
nelsoni, *Leptodoras*, 173
nelsoni, *Potamarius*, 53
nemacheir, *Imparfinis*, 186
nemacheir, *Nannorhamdia*, 186
Nemadoras, 174
Nemadoras elongatus, 174
Nemadoras hemipeltis, 174
Nemadoras humeralis, 174
Nemadoras leporhinus, 174
Nemadoras trimaculatus, 174
Nemapteryx, 46
Nemapteryx armiger, 46
Nemapteryx augusta, 46
Nemapteryx bleekeri, 46
Nemapteryx caelata, 46
Nemapteryx macronotacantha, 46
Nemapteryx nenga, 46, 47
Nemasiluroides, 361
Nemasiluroides furcatus, 361
Nematogenyidae, 323
Nematogenyini, 323
Nematogenys, 323, 324
Nematogenys cuivi, 324
Nematogenys inermis, 324
Nematogenys nigricans, 324
Nematogenys pallidus, 324
nematophorus, *Platystacus*, 61
nematopterus, **Hypostomus**, 257
nematopteryx, **Listrura**, 408
Nemuroglanis, 180, 188
Nemuroglanis lanceolatus, 188
Nemuroglanis mariaii, 188
Nemuroglanis pauciradiatus, 188
nemurus, *Bagrus*, 87, 90
nemurus, **Hemibagrus**, 90
nemurus, **Pseudostegophilus**, 412
nemurus, *Stegophilus*, 412
nenga, **Nemapteryx**, 46, 47
nenga, *Pimelodus*, 47
Nearius, 33, 47
Nearius berneyi, 47
Nearius coatesi, 47
Nearius graeffei, 47
Nearius latirostris, 47
Nearius leptaspis, 47
Nearius midgleyi, 47
Nearius paucus, 48
Nearius pectoralis, 48
Nearius taylori, 48
Nearius utarus, 48
Nearius velutinus, 48
Neobagrus, 19
Neobagrus fuscus, 19, 20
neogranatensis, *Arius*, 50
neogranatensis, *Notarius*, 50
Neopangasius, 325
Neopangasius Nieuwenhuisii, 325, 327
Neoplecostominae, 217
Neoplecostomus, 217, 273
Neoplecostomus espiritasantensis, 273
Neoplecostomus franciscoensis, 273
Neoplecostomus granosus, 273
Neoplecostomus microps, 273
Neoplecostomus paranensis, 273
Neoplecostomus ribeirensis, 274
Neoplecostomus variipictus, 274
Neoplotosus, 346
Neoplotosus waterhousii, 346
Neosiluroides, 347
Neosiluroides cooperensis, 347
Neosilurus, 347
Neosilurus ater, 347
Neosilurus argenteus, 345
Neosilurus australis, 347, 348
Neosilurus bartoni, 347
Neosilurus brevidorsalis, 347
Neosilurus coatesi, 348
Neosilurus equinus, 348
Neosilurus gjellerupi, 348
Neosilurus gloveri, 348

- Neosilurus hyrtlii*, 347, 348
Neosilurus idenburgi, 348
Neosilurus mediobarbis, 347
Neosilurus mollespiculum, 348
Neosilurus mortoni, 348
Neosilurus novaeguineae, 348
Neosilurus pseudospinosus, 349
Neosilurus rendahli, 345
Neosilurus robustus, 348
Neotropius, 356, 359
Neotropius acutirostris, 359
Neotropius atherinoides, 359
Neotropius khavalchor, 359
nephelion, *Cordylancistrus*, 443
Netuma, 48
Netuma aulometopon, 56
Netuma bilineata, 49
Netuma dubia, 54
Netuma hassleriana, 56
Netuma insularum, 50
Netuma mazatlanana, 54
Netuma osakae, 49
Netuma planifrons, 44
Netuma proxima, 48
Netuma radiata, 435
Netuma thalassina, 48
Netuma thalassina jacksonensis, 49
netuma, *Bagrus*, 49
neumanni, *Chiloglanis*, 307
neumanni, *Clarias*, 145
newtoni, *Otolithus* (*Arius*), 435
ngamensis, *Clarias*, 146
ngamensis, *Auchenoglanis*, 163
ngamensis, *Parauchenoglanis*, 163
ngola, *Clarias*, 142
nicaraguensis, *Pimelodus*, 199
nicaraguensis, *Rhamdia*, 199
nicefori, *Astroblepus*, 65
nicefori, *Astroblepus*, 65
niceforoi, *Hemiancistrus*, 257
niceforoi, *Hypostomus*, 257
nickeriensis, *Hypostomus*, 257
nickeriensis, *Loricaria*, 269
nicoi, *Acanthobunocephalus*, 57
nicoi, *Lasiancistrus*, 289
nicoi, *Pseudolithoxus*, 289
nieuhofii, *Clarias*, 139, 146
Nieuwenhuisi, *Glyptosternon*, 392
nieuwenhuisi, *Glyptothorax*, 392
Nieuwenhuisii, *Bagarius*, 383
Nieuwenhuisii, *Neopangasius*, 325, 327
nieuwenhuisii, *Pangasius*, 327
niger, *Bagrus docmac*, 84
niger, *Batasio*, 445
niger, *Chiloglanis*, 307
niger, *Copidoglanis novae-guineae*, 349
niger, *Doras*, 175
niger, *Doras* (*Oxydoras*), 175
niger, *Hemiancistrus*, 287
niger, *Hypostomus*, 257
niger, *Oxydoras*, 175
niger, *Plecostomus*, 257
niger, *Pseudancistrus*, 287
nigeriae, *Clarias*, 141
nigeriensis, *Clarias anguillaris*, 140
Nigerium, 98
Nigerium gadense, 98
Nigerium wurnoense, 98, 99
nigrescens, *Callichrous*, 374
nigrescens, *Pseudancistrus*, 287
nigrescens, *Silurus* (*Pimelodus*), 210
nigribarbis, *Parapimelodus*, 335
nigribarbis, *Pimelodus* (*Pseudorhamdia*), 335
nigricans, *Arius*, 54
nigricans, *Clarias*, 146
nigricans, *Hypostomus*, 278
nigricans, *Nematogenys*, 324
nigricans, *Pimelodus*, 208, 209, 210
nigricans, *Plotosus*, 352
nigricans, *Pseudoplatystoma fasciatum*, 341
nigricans, *Trichomycterus*, 414, 421
nigricauda, *Hemiloricaria*, 246
nigricauda, *Hisonotus*, 248
nigricauda, *Liobagrus*, 20
nigricauda, *Loricaria*, 246
nigricauda, *Otocinclus*, 248
nigricauda, *Pseudopimelodus*, 353
nigricaudatus, *Amphilius*, 21
nigricaudatus *multipunctata*, *Amphilius*, 21
nigricaudus, *Cephalosilurus*, 353
nigriceps, *Bagrus*, 96
nigriceps, *Mystus*, 96
nigricollaris, *Horabagrus*, 429
nigricollis, *Tympanopleura*, 68
nigrilabris, *Gronias*, 204, 206
nigripinnis, *Auchenipterus*, 72
nigripinnis, *Euanemus*, 72
nigripinnis, *Microglanis*, 354
nigrirostrum, *Sturiosoma*, 299
nigrita, *Bagrus*, 160
nigrita, *Synodontis*, 317
nigriventris, *Synodontis*, 318
nigrodigitatus, *Chrysiichthys*, 158, 160
nigrodigitatus, *Pimelodus*, 158
nigrofasciata, *Pimelodella*, 193
nigrofasciatus, *Pimelodus*, 193
nigrolineata, *Phenacorhamdia*, 189
nigrolineatus, *Chaetostomus*, 277, 278
nigrolineatus, *Panaque*, 278
nigrolineatus, *Pseudoauchenipterus*, 76
nigromaculata, *Synodontis*, 318
nigromaculatus, *Hypostomus*, 257
nigromaculatus, *Plecostomus*, 257
nigromaculatus, *Synodontis*, 318
nigromaculatus, *Trichomycterus*, 421
nigromarmoratus, *Clarias*, 146
nigropunctatus, *Bagrus*, 340
nijsseni, *Corydoras*, 121
nijsseni, *Corydoras elegans*, 121
nijsseni, *Harttia*, 272
nijsseni, *Metaloricaria*, 272
niloticus, *Chiloglanis*, 307
niloticus, *Hypophthalmus*, 362, 365
niloticus, *Mochokus*, 310, 311
niloticus, *Silurus schilbe*, 431
niloticus *waterloti*, *Chiloglanis*, 307
nimius, *Hemipsilichthys*, 247, 444
Niobichthys, 274
Niobichthys ferrarisi, 274
niobium, *Glanapteryx*, 405
nitidus, *Akysis*, 17, 82
nitidus, *Leiocassis*, 82
nitidus, *Pelteobagrus*, 82
nitidus, *Pseudobagarius*, 17
nitidus, *Pseudobagrus*, 82
niveata, *Dekeyseria*, 234
niveatus, *Baryancistrus*, 227
niveatus, *Hypostomus*, 226, 227
niveatus, *Plecostomus*, 234
niveiventris, *Amiurus*, 204
niveum, *Chaetostoma*, 230
njassae, *Synodontis*, 318
Nkondobabrus, 99
Nkondobagrus longirostris, 99
nkunga, *Plotosus*, 351
nocturnus, *Brachyglanis*, 181
nocturnus, *Noturus*, 214
nocturnus, *Panaqolus*, 277
nocturnus, *Panaque*, 277
nodosus, *Pseudoauchenipterus*, 76
nodosus, *Silurus*, 75, 76
noelkempffi, *Corydoras*, 121
nops, *Gymnallabes*, 150
normani, *Chiloglanis*, 307
Notarius, 49, 440
Notarius armbrusteri, 440
Notarius biffi, 49
Notarius cookei, 50
Notarius grandicassis, 50
Notarius insculptus, 50
Notarius kessleri, 50
Notarius neogranatensis, 50
Notarius osculus, 50
Notarius planiceps, 50
notata, *Microsynodontis*, 310
notata, *Synodontis*, 318
notatus, *Amphilius*, 27
notatus, *Callichrous*, 374
notatus, *Hisonotus*, 248
notatus, *Microsynodontis*, 310
notatus, *Pimelodus*, 210, 339
notatus, *Platynemathichthys*, 339

- notatus*, *Synodontis*, 318
notatus, *Tetracamphilius*, 27
notatus binotata, *Synodontis*, 318
notatus ocellatus, *Synodontis*, 318
notatus var. *binotata*, *Synodontis*, 318
notatus var. *ocellatus*, *Synodontis*, 318
notialis, *Parakysis*, 16
Notoglanidium, 161, 162
Notoglandium maculatus, 161
Notoglanidium pallidum, 162
Notoglanidium thomasi, 162
Notoglanidium walkeri, 162
notomelas, *Pimelodella*, 193
Notophthalmus, 333
notospilus, *Hemidoras*, 171
notozygurus, *Clarias*, 143
Noturus, 211
Noturus albater, 211
Noturus baileyi, 211
Noturus crypticus, 211, 442
Noturus elassoichir, 212
Noturus elegans, 212
Noturus eleutherus, 212
Noturus exilis, 212
Noturus fasciatus, 212
Noturus flavater, 212
Noturus flavipinnis, 212
Noturus flavus, 211, 212
Noturus funebris, 212
Noturus furiosus, 211, 212
Noturus gilberti, 213
Noturus gladiator, 213
Noturus gyrimus, 213
Noturus hildebrandi, 213
Noturus hildebrandi lautus, 213
Noturus insignis, 213
Noturus lachneri, 213
Noturus latifrons, 211
Noturus leptacanthus, 213
Noturus luteus, 212
Noturus marginatus, 213
Noturus maydeni, 441
Noturus miurus, 214
Noturus munitus, 214
Noturus nocturnus, 214
Noturus occidentalis, 212
Noturus phaeus, 214
Noturus placidus, 214
Noturus platycephalus, 212
Noturus sialis, 213
Noturus stanauli, 214, 442
Noturus stigmatosus, 214
Noturus taylori, 214
Noturus trautmani, 214
novaeguineae, *Nedystoma*, 46
novaeguineae, *Neosilurus*, 348
novaesi, *Furcodontichthys*, 240
novae-guineae, *Copidoglanis*, 348
novae-guineae, *Doiichthys*, 46
novae-guineae niger, *Copidoglanis*, 349
novalimensis, *Harttia*, 241
nox, *Arius*, 38, 39
nox, *Brustiarius*, 38
ntemensis, *Synodontis Hollyi*, 322
nuchalis, *Aelurichthys*, 38
nuchalis, *Arius*, 41
nuchalis, *Auchenipterus*, 72
nuchalis, *Hypophthalmus*, 71, 72
nucleus, *Arius*, 57
nudiceps, *Ancistrus*, 223
nudiceps, *Cnidoglanis*, 346
nudiceps, *Euristhmus*, 346
nudiceps, *Hypostomus*, 223
nudiceps, *Pelteobagrus*, 100
nudiceps, *Pseudobagrus*, 100
nudidens, *Arius (Hemiaris)*, 56
nudipectus, *Belonoglanis*, 24
nudirostre, *Chaetostoma*, 230
nudirostris, *Chaetostomus*, 230
nudiventris, *Hypostomus*, 257
nudirostris, *Loricaria*, 271
nudirostris, *Loricariichthys*, 271
nudiventris, *Plecostomus*, 257
nudiventris, *Loricaria*, 297
nudiventris, *Parancistrus*, 279
nudiventris, *Spatuloricaria*, 297
nudulus, *Hemipsilichthys*, 280
nudulus, *Pareiorhaphis*, 280
nujiangense, *Clupisoma*, 357
nummifer, *Synodontis*, 318
nyasensis, *Clarias*, 149
nyasensis, *Dinopterus*, 149
nyongensis, *Chrysichthys*, 158
nyongensis, *Chrysichthys longidorsalis*, 158
nyongensis, *Eutropius*, 365
nyongensis, *Schilbe*, 365
ñssipinnis, *Heptapterus*, 184
O
oaxacae, *Rhamdia*, 201
obbesi, *Poroichilus*, 351
obesa, *Rhamdia*, 199
obesus, *Amiurus*, 205
obesus, *Arius*, 81
obesus, *Liobagrus*, 20
obesus, *Synodontis*, 318, 323
oblongus, *Tachysurus*, 435
obscura, *Glyptothorax*, 392
obscurum, *Pogonopoma*, 285
obscurus, *Acrochordonichthys* 13
obscurus, *Auchenipterus*, 81
obscurus, *Bagrichthys*, 83
obscurus, *Clarias*, 141
obscurus, *Copidoglanis*, 345, 350
obscurus, *Glyptothorax*, 392
obtusa, *Pseudotothyris*, 290
obtusirostris, *Eutropius*, 365
obtusirostris, *Plecostomus*, 218
obtusos, *Otocinclus*, 290
obtusus, *Otocinclus*, 290
occidentalis, *Ailia*, 360
occidentalis, *Ancistrus*, 223
occidentalis, *Auchenoglanis*, 154
occidentalis, *Cetopsis*, 134, 135
occidentalis, *Chiloglanis*, 307
occidentalis, *Hypostomus*, 257
occidentalis, *Hypostomus gymnorhynchus*, 257
occidentalis, *Istliarius balsanus*, 208
occidentalis, *Malapterurus*, 302
occidentalis, *Noturus*, 212
occidentalis, *Parailia*, 360
occidentalis, *Pimelodus*, 154
occidentalis, *Xenocara*, 223
occidentalis tanganicanus, *Auchenoglanis*, 154
occidentalis tchadiensis, *Auchenoglanis*, 154
occidentalis var. *tanganicanus*, *Auchenoglanis*, 154
occidentalis var. *tchadiensis*, *Auchenoglanis*, 154
occloi, *Ancistrus*, 223
ocellatus, *Galeichthys*, 43
ocellatus, *Silurus*, 35
ocellatus, *Synodontis notatus*, 318
ocellifer, *Synodontis*, 318
Ochmacanthus, 409
Ochmacanthus alternus, 409
Ochmacanthus batrachostoma, 409
Ochmacanthus flabelliferus, 409
Ochmacanthus orinoco, 409
Ochmacanthus reinhardtii, 410
Ochmacanthus taxistigma, 405, 406
ochoterenai, *Haustor*, 209
ochoterenai, *Ictalurus*, 209
octocirrhus, *Pimelodus*, 431
octocirrus, *Corydoras*, 117
Octonemateichthys, 160
oculatus, *Bagrus*, 96
oculatus, *Mystus*, 96
oculeus, *Hypostomus*, 257
oculeus, *Panaque*, 257
odontotumulus, *Farlowella*, 238
odynea, *Pimelodella*, 193
odynea, *Pimelodella chagresi*, 193
oelamariensis, *Corydoras*, 114
oetik, *Arius*, 35
ogilviei, *Ageneiosus*, 69
ogilviei, *Opsodoras*, 174, 175
ogoensis, *Gephyroglanis*, 158
ogooensis, *Chrysichthys*, 158
ogooensis, *Gephyroglanis*, 158
ogooensis, *Malapterurus electricus*, var., 302
ogowensis, *Chrysichthys*, 158

- oguensis*, *Malapterurus*, 302
oguensis, *Malapterurus electricus*, 302
oguensis, *Malapterurus electricus* var., 302
oiapoquensis, *Corydoras*, 121
oibaensis, *Callichthys*, 111
okadai, *Coreobagrus*, 86
okae, *Chrysichthys*, 158
okeechobeensis, *Ictalurus*, 210
olallae, *Duopalatinus*, 340
olallae, *Platysilurus*, 340
Oligancistrus, 274
Oligancistrus punctatissimus, 274
oligospila, *Peckoltia*, 284
oligospilus, *Chaetostomus*, 284
olivaceus, *Clarias*, 146
olivaceus, *Clarias*, 146
olivaceus, *Pimelodus*, 210
Olivaichthys, 166
Olivaichthys cuyanus, 166
Olivaichthys mesembrinus, 166
Olivaichthys viedmensis, 166
olivaris, *Pylodictis*, 215
olivaris, *Silurus*, 215
oliveirae, *Farlowella*, 237
oliveirai, *Bathycetopsis*, 131, 132
oliveirai, *Cetopsis*, 132
Oloplotosus, 349
Oloplotosus luteus, 349
Oloplotosus mariae, 349
Oloplotosus torobo, 349
Olyra, 81, 99
Olyra burmanica, 99
Olyra elongata, 99
Olyra horae, 99
Olyra horai, 99
Olyra kempii, 99
Olyra laticeps, 17, 18
Olyra longicaudata, 99
Olyra longicaudatus, 99
Olyrinae, 81
olyroides, *Hemibagrus*, 90
olyroides, *Mystus*, 90
omeihensis, *Leiocassis*, 102
omeihensis, *Pseudobagrus*, 102
omias, *Synodontis*, 319
ommation, *Apistoloricaria*, 226
Ompok, 371
Ompok bimaculatus, 372
Ompok binotatus, 372
Ompok borneensis, 372
Ompok fumidus, 372
Ompok hypophthalmus, 371, 372
Ompok jaynei, 372
Ompok leiacanthus, 371, 372
Ompok malabaricus, 372
Ompok miostomus, 372
Ompok pabda, 372
Ompok pabo, 373
Ompok pinnatus, 373
Ompok platyrhynchus, 373
Ompok pluriradiatus, 373
Ompok rhadinurus, 373
Ompok sabanus, 371
Ompok siluroides, 371
Ompok siluroides, 373
Ompok sindensis, 373
Ompok urbaini, 373
Ompok weberi, 373
oncina, *Arius*, 75
oncinus, *Arius*, 75
oncinus, *Liosomadoras*, 75
ondon, *Pseudobagrus*, 102
operculatum, *Scleronema*, 413
ophthalmica, *Pimelodella*, 193
ophthalmicus, *Pimelodus*, 194
ophthalmus, *Doras* (*Corydoras*), 169
opisthophthalmus, *Amphilius*, 22
Opladelus, 215
Opsodoras, 175
Opsodoras boulengeri, 172, 175
Opsodoras hemipeltis, 174
Opsodoras morei, 175
Opsodoras ogilviei, 174, 175
Opsodoras orthacanthus, 175
Opsodoras parallelus, 174
Opsodoras steindachneri, 169
Opsodoras stuebelii, 175
Opsodoras ternetzi, 175
Opsodoras trimaculatus, 174
orbignianus, *Platystoma*, 341
orbignyanum, *Platystoma*, 341
orcesi, *Corydoras pastazensis*, 122
oregonensis, *Hypsidoris*, 203
oremaculatus, *Hypophthalmus*, 333
Oreoglanis, 397
Oreoglanis delacouri, 397
Oreoglanis frenatus, 397
Oreoglanis hyspiurus, 397
Oreoglanis infulatus, 397
Oreoglanis insignis, 397
Oreoglanis lepturus, 397
Oreoglanis macronemus, 397
Oreoglanis macropterus, 398
Oreoglanis setiger, 398
Oreoglanis siamensis, 397, 398
orestes, *Oxydoras*, 171
Orestis, *Oxydoras*, 171
orientale, *Cetopsidium*, 130
orientale, *Pseudocetopsis*, 130
orientalis, *Arges*, 65
orientalis, *Astroblepus*, 65
orientalis, *Bagrus*, 84
orientalis, *Irvineia*, 358
orinocensis, *Hildadoras*, 175, 176
orinoco, *Cetopsis*, 132
orinoco, *Cetopsorhamdia*, 182
orinoco, *Lithoxancistrus*, 286, 287
orinoco, *Ochmacanthus*, 409
orinoco, *Pseudancistrus*, 287
orinoco, *Pseudocetopsis plumbeus*, 132
Orinocodoras, 175
Orinocodoras eigenmanni, 175
ornata, *Nangra*, 397
ornaticeps, *Heptapterus*, 185
ornatipinnis, *Synodontis*, 319
ornatissima, *Synodontis*, 319
ornatissimus, *Synodontis*, 319
ornatus, *Chrysichthys*, 158
ornatus, *Clarias*, 145
ornatus, *Corydoras*, 121
ornatus, *Gogo*, 29
ornatus, *Hyalobagrus*, 92
ornatus, *Pimelodus*, 338
ornatus, *Pseudobagrus*, 92
ornatus, *Pseudomystus*, 104
ornatus, *Synodontis*, 317, 319
oronocoi, *Hoplosternum*, 129
orontis, *Clarias*, 143
oroyae, *Pygidium*, 423
orphnopterus, *Corydoras*, 121
orthacanthus, *Opsodoras*, 175
orthiocarinatus, *Copionodon*, 404
ortmanni, *Pimelodus*, 338
ortoni, *Rhamdia*, 201
ortoni, *Sorubimichthys*, 343
osakae, *Netuma*, 49
Oschanini, *Exostoma*, 402
osculus, *Arius*, 50
osculus, *Notarius*, 50
Osteobagrus, 106
osteocarus, *Corydoras*, 121
Osteogaster, 112
Osteogeneiosus, 51
Osteogeneiosus blochii, 51
Osteogeneiosus cantoris, 51
Osteogeneiosus gracilis, 51
Osteogeneiosus ingluvies, 51
Osteogeneiosus longiceps, 51
Osteogeneiosus macrocephalus, 51
Osteogeneiosus militaris, 51
Osteogeneiosus valenciennesi, 51
Osteogeniosus stenocephalus, 51
Osteogeniosus stenocephalus, 51
Osteomystax, 71
osteomystax, *Auchenipterus*, 72
osteomystax, *Ceratocheilus*, 71, 72
Ostophycephalus, 346
Ostophycephalus duriceps, 346
othonops, *Cetopsis*, 132
othonops, *Hemicetopsis*, 132
Otocinclini, 217
Otocinclus, 217, 264, 271, 274
Otocinclus (*Microlepidogaster*) *tietensis*, 290
Otocinclus affinis, 271

- Otocinclus arnoldi*, 271
Otocinclus bororo, 274
Otocinclus caxarari, 274
Otocinclus cephalacanthus, 276
Otocinclus cocama, 274
Otocinclus depressicauda, 248
Otocinclus fimbriatus, 271
Otocinclus flexilis, 271, 272
Otocinclus francirochai, 248
Otocinclus gibbosus, 264
Otocinclus hasemani, 274
Otocinclus hoppei, 275
Otocinclus huaorani, 275
Otocinclus joberti, 250
Otocinclus leucofrenatus, 248
Otocinclus macrospilus, 275
Otocinclus maculicauda, 281, 283
Otocinclus maculipinnis, 248
Otocinclus mariae, 275
Otocinclus mimulus, 275
Otocinclus mura, 275
Otocinclus nigricauda, 248
Otocinclus obtusos, 290
Otocinclus obtusus, 290
Otocinclus paulinus, 249
Otocinclus spectabilis, 273
Otocinclus tapirape, 275
Otocinclus vestitus, 274, 275
Otocinclus vittatus, 275
Otocinclus xakriaba, 275
Otolithus (Arius) aequus, 435
Otolithus (Arius) africanus, 435
Otolithus (Arius) amekiensis, 435
Otolithus (Arius) angelicus, 434
Otolithus (Arius) angulatus, 435
Otolithus (Arius) crassus bartonensis, 434
Otolithus (Arius) danicus, 434
Otolithus (Arius) danicus bartonensis, 434
Otolithus (Arius) decipiens, 434
Otolithus (Arius) germanicus, 434
Otolithus (Arius ?) glaber, 435
Otolithus (Arius) jaekeli, 435
Otolithus (Arius) Lerichei, 434
Otolithus (Arius ?) moravicus, 434
Otolithus (Arius) newtoni, 435
Otolithus (Arius ?) parvus, 435
Otolithus (Arius) planus, 435
Otolithus (Arius) rotundatus, 435
Otolithus (Arius) tenuis, 435
Otolithus (Arius) tenuis, 435
Otolithus (Arius) vanigonis, 434
Otolithus (incertae sedis) crassus, 434
Otolithus (Sciaenidarum) decipiens, 434
Otolithus (Siluridarum ?) incertus, 434
Otothyridini, 217, 440
Otothyris, 217, 275
Otothyris canaliferus, 275, 276
Otothyris juquiae, 276
Otothyris lophophanes, 276
Otothyris rostrata, 276
Otothyris travassosi, 276
Otothyropsis, 276
Otothyropsis marapoama, 276
ourastigma, Corydoras, 121
ovidius, Synodontis, 316
oxycephalus, Clarias, 146
Oxydoras, 175
Oxydoras (Rhinodoras) amazonum hasemani, 170
Oxydoras (Rhinodoras) huberi, 174
Oxydoras acipenserinus, 172
Oxydoras affinis, 171
Oxydoras bachi, 174
Oxydoras eigenmanni, 167
Oxydoras elongatus, 174
Oxydoras holdeni, 176
Oxydoras kneri, 175
Oxydoras Morei, 175
Oxydoras Nattereri, 179
Oxydoras niger, 175
Oxydoras orestes, 171
Oxydoras Orestis, 171
Oxydoras sifontesi, 176
Oxydoras steindachneri, 179
Oxydoras Stübelii, 175
Oxydoras trachyparia, 179
Oxydoras trimaculatus, 174
Oxyglanis, 154
Oxyglanis sacchii, 154
Oxyloricaria, 298
Oxyloricaria citurensis, 300
Oxyloricaria dariensis, 299
Oxyloricaria Fowleri, 233
Oxyloricaria guentheri, 299
Oxyloricaria leightoni, 300
Oxyloricaria lyra, 299
Oxyloricaria robusta, 299
Oxyloricaria tamanae, 300
Oxyloricaria tenuirostris, 300
oxyptera, Paravandellia, 410
oxyrhinus, Amphilius, 23
oxyrhynchus, Anduzedoras, 169
oxyrhynchus, Corydoras, 121
Oxyrhynchus, Doras, 169
Oxyropsis, 276
Oxyropsis acutirostris, 276
Oxyropsis carinata, 276
Oxyropsis wrightiana, 276
Oxyropsis wrightii, 276
oxyrrhyncha, Acestra, 239
oxyrryncha, Acestra, 239
oxyrryncha, Farlowella, 239
P
pabda, Ompok, 372
pabda, Silurus, 371, 372
pabo, Ompok, 373
pabo, Silurus, 373
pachychilus, Atopochilus, 304
pachyderma, Acrochordonichthys, 13
pachynema, Ceratoglanis, 368
pachynemus, Ceratoglanis, 368
pachynema, Clarias, 146
Pachypterus, 359
Pachypterus luridus, 327
Pachypterus melanurus, 358
Pachypterus punctatus, 358
Pachypterus trifasciatus, 359
Pachyula, 42
pacifici, Cruciglanis, 443
pagei, Hypostomus, 257
pahangensis, Mystus, 90
pakistanica, Gagata, 386
pakistanicus, Batasio, 85
palavanensis, Penesilurus, 375, 377
palaëindicus, Heterobranchus, 151
paleatus, Callichthys, 122
paleatus, Corydoras, 122
palembangensis, Kryptopterus, 370
palembangensis, Silurus, 369, 370
palleus, Trichomycterus, 415
pallida, Pimelodella, 194
pallida, Sosia chamaeleon, 13
pallidimaculatus, Lithoxus, 267
pallidimaculatus, Lithoxus (Paralithoxus), 267
pallidum, Notoglanidium, 162
pallidus, Nematogenys, 324
pallidus, Silurus, 210
pallidus Lateralis, Silurus, 210
pallidus Leucoptera, 210
pallidus Marginatus, Silurus, 210
pallidus var. Lateralis, Pimelodus, 210
pallidus var. Lateralis, Silurus, 210
pallidus var. Leucoptera, Pimelodus, 210
pallidus var. Leucoptera, Silurus, 210
pallidus var. Marginata, Silurus, 210
pallidus var. Marginatus, Pimelodus, 210
pallidus var. Marginatus, Silurus, 210
pallozonum, Glyptosternum, 388, 392
pallozonus, Glyptothorax, 392
palmeri, Chaetostoma, 230
palmeri, Chaetostoma 230
palmeri, Schilbe, 364
panamense, Sturisoma, 299
panamensis, Aelurichthys, 37, 38
panamensis, Bagre, 38
panamensis, Imparales, 180
panamensis, Loricaria, 299
panamensis, Plecostomus plecostomus, 243
Panaqolus, 277
Panaqolus albomaculatus, 277

- Panaqolus changae*, 277
Panaqolus dentex, 277
Panaqolus gnomus, 277
Panaqolus maccus, 277
Panaqolus nocturnus, 277
Panaqolus purusiensis, 277
Panaque, 277
Panaque albomaculatus, 277
Panaque changae, 277
Panaque cochliodon, 277
Panaque dentex, 277
Panaque gnomus, 277
Panaque maccus, 277
Panaque nigrolineatus, 278
Panaque nocturnus, 277
Panaque oculatus, 257
Panaque purusiensis, 277
Panaque suttoni, 278
Panaque suttonorum, 278
panda, *Corydoras*, 122
panda, *Glyptothorax*, 392
Pangasianodon, 324
Pangasianodon gigas, 325
Pangasianodon hypophthalmus, 325
Pangasianodonidi, 324
Pangasiidae, 324
Pangasini, 324
Pangasius, 324, 325
Pangasius (Pseudopangasius) bocourti, 325
Pangasius aequilabialis, 327
Pangasius altifrons, 325
Pangasius beani, 328
Pangasius bedado, 325
Pangasius bocourti, 325
Pangasius Buchanani, 325, 327
Pangasius burgini, 326
Pangasius conchophilus, 325
Pangasius cultratus, 328
Pangasius de Zwaani, 328
Pangasius delicatissimus, 328
Pangasius djambal, 325, 326
Pangasius elongatus, 326
Pangasius fowleri, 328
Pangasius hexanema, 358
Pangasius hoeksi, 328
Pangasius humeralis, 326
Pangasius indicus, 326
Pangasius juaro, 327
Pangasius kinabatanganensis, 326
Pangasius krempfi, 326
Pangasius kunyit, 326
Pangasius larnaudii, 326
Pangasius lithostoma, 326
Pangasius longibarbis, 359
Pangasius macronema, 327
Pangasius mahakamensis, 327
Pangasius mekongensis, 327
Pangasius micronemus, 328
Pangasius myanmar, 327
Pangasius nasutus, 327
Pangasius nieuwenhuisii, 327
Pangasius pangasius, 327
Pangasius pangasius godavarii, 327
Pangasius pangasius upienseis, 327
Pangasius paucidens, 325
Pangasius pleurotaenia, 328
Pangasius polyuranodon, 325, 327
Pangasius ponderosus, 327
Pangasius rheophilus, 328
Pangasius rios, 328
Pangasius sabahensis, 328
Pangasius sanitwongsei, 328
Pangasius siamensis, 327
Pangasius sutchi, 325
Pangasius taeniura, 326
Pangasius tubbi, 328
panjang, *Hemileiocassis*, 91
pannonicus, *Ictalurus nebulosus*, 206
panthalensis, *Corydoras*, 122
panthale, *Platystoma*, 341, 342
pantherinus, *Auchenoglanis*, 163
pantherinus, *Eurycheilichthys*, 236
pantherinus, *Eurycheilus*, 236
pantherinus, *Hypostomus*, 258
pantherinus, *Parauchenoglanis*, 163
pantherinus, *Pseudariodes*, 339
pantherinus, *Synodontis*, 315
pantherinus, *Trichomycterus*, 421
panzeri, *Henonemus*, 414
panzeri, *Stegophilus*, 414
paolence, *Pygidium*, 421
paolencis, *Trichomycterus*, 421
papariae, *Hypostomus*, 258
papariae, *Plecostomus plecostomus*, 258
papariae, *Pseudancistrus*, 287
papariae, *Rhamedella*, 197
papilionatus, *Doras*, 173
papillatus, *Hemipsilichthys*, 248, 444
papillatus, *Hoplomyzon*, 61
papillifer, *Hemipimelodus*, 48
papilliferus, *Trichomycterus*, 421
papillosus, *Arius*, 165
pappenheimi, *Pimelodella*, 194
papuensis, *Copidoglanis*, 348
papuensis, *Plotosus*, 351
paquequerense, *Pygidium*, 421
paquequerensis, *Trichomycterus*, 421
Parabranchioica, 410
Parabranchioica teaguei, 411
Paracanthopoma, 410
Paracanthopoma parva, 410
Paracetopsis, 134
Paracetopsis atahualpa, 135
Paracetopsis bleekeri, 134, 135
Paracetopsis esmeraldas, 135
Parachiloglanis, 398
Parachiloglanis hodgarti, 398
Paradiplomystes, 37
Paradoxoglanis, 302
Paradoxoglanis caudivittatus, 302
Paradoxoglanis cryptus, 303
Paradoxoglanis parvus, 303
paraense, *Brachyplatystoma*, 331
Paraglyptothorax, 388
paragua, *Corydoras*, 122
paraguayensis, *Farlowella*, 239
paraguayensis, *Hemidoras*, 179
paraguayensis, *Trachydoras*, 179
paraguensis, *Rhinolepis*, 275
Parahemiodon, 269
Parahemiodon chanjoo, 270
Parahemiodon typus, 269, 270
parahemiodon, *Loricaria*, 270
parahybae, *Delturus*, 234, 235, 444
parahybae, *Ituglanis*, 407
parahybae, *Microglanis*, 354
parahybae, *Pimelodus (Rhamdia)*, 201
Parahybae, *Platystoma*, 344
parahybae, *Pogonopoma*, 285
parahybae, *Pseudopimelodus*, 354
parahybae, *Pseudotocinclus*, 290
parahybae, *Pygidium proops*, 406, 407
Parahybae, *Rhinelepis*, 285
parahybae, *Steindachneridion*, 344
Parailia, 360
Parailia congica, 360
Parailia longifilis, 360
Parailia occidentalis, 360
Parailia pellucida, 360
Parailia somalensis, 360
Parailia spiniserrata, 360
Parakysidae, 12
Parakysis, 12, 15
Parakysis anomalopteryx, 15
Parakysis grandis, 15
Parakysis longirostris, 16
Parakysis notialis, 16
Parakysis verrucosa, 15, 16
Parakysis verrucosus, 16
Paralithoides, 267
Paralithoxus, 267
parallelus, *Corydoras*, 122
parallelus, *Opsodoras*, 174
Paraloricaria, 278
Paraloricaria agastor, 278
Paraloricaria commersonoides, 278
Paraloricaria vetula, 278
Paramphilius, 25
Paramphilius firestonei, 25
Paramphilius goodi, 25
Paramphilius teugelsi, 25
Paramphilius trichomycteroides, 25
paranaense, *Farlowella*, 237
paranaensis, *Pimelodus*, 338
parananus, *Megalancistrus*, 272

- parananus*, *Pterygoplichthys* (*Ancistrus*), 272
- Parancistrus**, 278
- Parancistrus aurantiacus*, 278
- Parancistrus nudiventris*, 279
- paranensis*, *Hypostomus*, 258
- paranensis*, *Neoplecostomus*, 273
- paranensis*, *Parapterodoras*, 177
- Paraotocinclus cesarpintoi*, 282
- Paraphractura*, 26
- Paraphractura tenuicauda*, 26, 27
- Parapimelodus**, 335
- Parapimelodus nigribarbis*, 335
- Parapimelodus valenciennis*, 335
- Paraplotosus**, 349
- Paraplotosus albilabris*, 349
- Paraplotosus butleri*, 349
- Paraplotosus muelleri*, 349
- Parapseudecheneis*, 400
- Parapterodoras*, 177
- Parapterodoras paranensis*, 177
- Pararius*, 48
- paraschilbeides**, *Kryptopterus*, 370
- Parasilurus*, 378
- Parasilurus asotus longus*, 379
- Parasilurus biwaensis*, 379
- Parasilurus lithophilus*, 380
- Parasilurus microdorsalis*, 380
- Parastegophilus**, 410
- Parastegophilus maculatus*, 410
- Parastegophilus paulensis*, 410
- Parasturisoma*, 298
- Parasturisoma maculata*, 233
- paratus**, *Chiloglanis*, 307
- Parauchenipterus*, 79
- Parauchenipterus paseae*, 79
- Parauchenoglanis**, 162
- Parauchenoglanis ahli*, 162
- Parauchenoglanis altipinnis*, 162
- Parauchenoglanis ansorgii*, 154
- Parauchenoglanis balayi*, 162
- Parauchenoglanis boutchangai*, 154
- Parauchenoglanis buettikoferi*, 163
- Parauchenoglanis longiceps*, 163
- Parauchenoglanis monkei*, 163
- Parauchenoglanis ngamensis*, 163
- Parauchenoglanis pantherinus*, 163
- Parauchenoglanis punctatus*, 163
- Paravandellia**, 410
- Paravandellia oxyptera*, 410
- Paravandellia phaneronema*, 411
- pardale*, *Platystoma*, 341
- pardalis*, *Ageneiosus*, 70
- pardalis*, *Hypostomus*, 292
- pardalis*, *Platystoma*, 341, 342
- pardalis*, *Pterygoplichthys*, 292
- pardalis*, *Synodontis*, 319
- Pardiglanis**, 163
- Pardiglanis tarabinii*, 163
- pardus*, *Trichomycterus*, 423
- parecis**, *Ancistrus*, 224
- pareiacantha*, *Loricaria*, 295
- pareiacantha*, *Rineloricaria*, 295
- Pareiodon**, 403, 411
- Pareiodon microps*, 411
- Pareiodontinae, 403
- Pareiorhaphis**, 247, 279
- Pareiorhaphis alipionis*, 262
- Pareiorhaphis azygolechis*, 279
- Pareiorhaphis bahianus*, 279
- Pareiorhaphis cameroni*, 279
- Pareiorhaphis cerosus*, 279
- Pareiorhaphis eurycephalus*, 279
- Pareiorhaphis garbei*, 279
- Pareiorhaphis hypselurus*, 280
- Pareiorhaphis hystrix*, 280
- Pareiorhaphis mutuca*, 280
- Pareiorhaphis nudulus*, 280
- Pareiorhaphis parmula*, 280
- Pareiorhaphis regani*, 280
- Pareiorhaphis splendens*, 280
- Pareiorhaphis steindachneri*, 280
- Pareiorhaphis stephanus*, 280
- Pareiorhaphis stomias*, 280
- Pareiorhaphis vestigipinnis*, 281
- Pareiorhina**, 281
- Pareiorhina brachyrhyncha*, 281
- Pareiorhina carrancas*, 281
- Pareiorhina rudolphi*, 281
- Pareuchiloglanis**, 398
- Pareuchiloglanis anteanalis*, 398
- Pareuchiloglanis feae*, 398
- Pareuchiloglanis gongshanensis*, 398
- Pareuchiloglanis gracilicaudatus*, 398
- Pareuchiloglanis kamengensis*, 399
- Pareuchiloglanis longicauda*, 399
- Pareuchiloglanis macropterus*, 399
- Pareuchiloglanis macrotremus*, 399
- Pareuchiloglanis myzostomus*, 399
- Pareuchiloglanis nebulifer*, 399
- Pareuchiloglanis poilanei*, 398, 399
- Pareuchiloglanis rhabdurus*, 399
- Pareuchiloglanis robusta*, 399
- Pareuchiloglanis robustus*, 399
- Pareuchiloglanis sichuanensis*, 399
- Pareuchiloglanis sinensis*, 399
- Pareuchiloglanis songdaensis*, 400
- Pareuchiloglanis tongmaensis*, 400
- Pareuchiloglanis tianquanensis*, 400
- Pareutropius**, 360
- Pareutropius buffei*, 360
- Pareutropius debauwi*, 361
- Pareutropius longifilis*, 361
- Pareutropius mandevillei*, 361
- Pareutropius micristius*, 360, 361
- Parexostoma*, 387
- Parexostoma maculatum*, 387
- pariolispos**, *Scobinancistrus*, 296
- Pariolius**, 188
- Pariolius armillatus*, 188
- parkeri**, *Aspistor*, 36
- parkeri*, *Silurus*, 36
- parkii*, *Arius*, 32
- parkoi**, *Ituglanis*, 407
- parkoi*, *Pygidium*, 407
- parma**, *Cetopsis*, 132
- parmocassis*, *Arius*, 50
- parnaguensis*, *Ageneiosus*, 70
- parnahybae*, *Brachyplatystoma*, 331
- parnahybae**, *Loricaria*, 269
- parnahybae*, *Loricariichthys*, 266
- parnahybae**, *Pimelodella*, 194
- parnaiba*, *Glyptoperichthys*, 292
- parnaiba**, *Pterygoplichthys*, 292
- Paroreoglanis*, 397
- Paroreoglanis delacouri*, 397
- Parotocinclus**, 281
- Parotocinclus amazonensis*, 281
- Parotocinclus aripuanensis*, 281
- Parotocinclus bahiensis*, 281
- Parotocinclus bidentatus*, 282
- Parotocinclus britskii*, 282
- Parotocinclus cearensis*, 282
- Parotocinclus cesarpintoi*, 282
- Parotocinclus collinsae*, 282
- Parotocinclus cristatus*, 282
- Parotocinclus doceanus*, 282
- Parotocinclus eppleyi*, 282
- Parotocinclus haroldoi*, 282
- Parotocinclus jimi*, 282
- Parotocinclus jumbo*, 282
- Parotocinclus longirostris*, 282
- Parotocinclus maculicauda*, 283
- Parotocinclus minutus*, 283
- Parotocinclus muriaensis*, 283
- Parotocinclus planicauda*, 283
- Parotocinclus polyochrus*, 283
- Parotocinclus prata*, 283
- Parotocinclus spilosoma*, 283
- Parotocinclus spilurus*, 283
- Parotocinclus steindachneri*, 283
- Parrae*, *Galeichthys*, 38
- parryi**, *Rhamdia*, 199
- parva**, *Hemiloricaria*, 246
- parva*, *Loricaria*, 246
- parva**, *Paracanthopoma*, 410
- parva**, *Pimelodella*, 194
- parva**, *Pseudotatia*, 77
- parvanalis*, *Kryptopterus*, 375
- parvanalis**, *Phalacronotus*, 375
- parvicarinata*, *Farlowella*, 239
- parvimanus*, *Clarias*, 140
- parvipinnis*, *Arius*, 47
- parvus*, *Otolithus* (*Arius* ?), 435
- parvus**, *Paradoxoglanis*, 303
- parvus*, *Pimelodus* (*Rhamdia*), 180
- paseae*, *Parauchenipterus*, 79

- passany*, *Bagrus*, 54
passany, *Sciades*, 54
passarellii, *Homodiaetus*, 406
passarellii, *Stegophilus*, 406
passensis, *Ituglanis*, 408
pastazensis, *Corydoras*, 122
pastazensis orcesi, *Corydoras*, 122
patagoniensis, *Hatcheria*, 405
pataxo, *Microglanis*, 444
pati, *Luciopimelodus*, 334
pati, *Pimelodus*, 334
pati, *Silurus*, 335
patiae, *Chaetostoma*, 230
pattersoni, *Trogloglanis*, 216
paucerna, *Corydoras*, 122
paucidens, *Metaloricaria*, 272
paucidens, *Pangasius*, 325
paucimaculatus, *Hypostomus*, 258
paucipunctatus, *Hypostomus*, 258
pauciradiatum, *Megalonema*, 335
pauciradiatus, *Aspidoras*, 109
pauciradiatus, *Corydoras*, 109
pauciradiatus, *Nemuroglanis*, 188
pauciradiatus, *Trichomycterus*, 440
paucispinis, *Chaetostoma*, 230
paucispinis, *Chaetostomus*, 230
paucisquamatus, *Megalodoras*, 173
paucus, *Arius*, 48
paucus, *Neoarius*, 48
paulensis, *Parastegophilus*, 410
paulensis, *Pseudostegophilus*, 410
Paulicea, 344
Paulicea jahu, 344
paulina, *Loricaria*, 294
paulinus, *Hisonotus*, 249
paulinus, *Hypostomus*, 258
paulinus, *Otocinclus*, 249
paulinus, *Plecostomus*, 258
paviei, *Pseudecheneis*, 400
pavimentatus, *Arius*, 105
paynei, *Mochokiella*, 310
paysanduanus, *Auchenipterus*, 72
pearsei, *Chaetostoma*, 230
pearsei, *Chaetostomus*, 230
pearsoni, *Cetopsis*, 132
pearsoni, *Tridentopsis*, 426
Peckoltia, 283
Peckoltia arenaria, 284
Peckoltia bachi, 284
Peckoltia braueri, 284
Peckoltia brevis, 284
Peckoltia cavatica, 284
Peckoltia filicaudata, 284
Peckoltia furcata, 284
Peckoltia kuhlmanni, 284
Peckoltia oligospila, 284
Peckoltia sabaji, 284
Peckoltia snethlageae, 285
Peckoltia ucayalensis, 285
Peckoltia vermiculata, 285
Peckoltia vittata, 285
Peckoltichthys, 283
Peckoltichthys filicaudatus, 283, 284
Peckoltichthys kuhlmanni, 284
pecten, *Copionodon*, 404
pectinata, *Conta*, 384
pectinatus, *Ameiurus*, 206
pectinatus, *Ictalurus*, 206
pectinatus, *Tetracamphilus*, 27
pectinidens, *Pimelodus*, 46
pectinifer, *Pimelodella*, 194
pectinifrons, *Agamyxis*, 168
pectinifrons, *Doras*, 168
pectinopterus, *Glyptosternon*, 392
pectinopterus, *Glyptothorax*, 392
pectorale, *Lepthoplosternum*, 128
pectoralis, *Arius*, 48
pectoralis, *Callichthys*, 128
pectoralis, *Neoarius*, 48
pediculatus, *Dolichancistrus*, 235
pediculatus, *Pseudancistrus*, 235
pediculatus cobrensis, *Pseudancistrus*, 235
peguensis, *Hemibagrus*, 90
peguensis, *Macrones*, 90
pellegrini, *Andersonia*, 24
pellegrini, *Plecostomus*, 289
pellopterygius, *Microglanis*, 354
pellucida, *Parailia*, 360
pellucida, *Physailia*, 360
Pelodichthys, 215
peloichthys, *Trachelyopterus*, 80
peloichthys, *Trachycorystes insignis*, 80
peltatus, *Rhineastes*, 430
Pelteobagrini, 81
Pelteobagrus, 81, 99
Pelteobagrus argentivittatus, 100
Pelteobagrus brashnikowi, 100
Pelteobagrus eupogon, 100
Pelteobagrus fulvidraco, 100
Pelteobagrus intermedius, 100
Pelteobagrus kyphus, 82
Pelteobagrus mica, 100
Pelteobagrus microps, 100
Pelteobagrus nitidus, 82
Pelteobagrus nudiceps, 100
Pelteobagrus ramentosus, 108
Pelteobagrus ussuriensis, 100
Pelteobagrus vachellii, 101
Pelteobagrus virgatus, 101
Pelteobagrus virgatus vinhensis, 101
Peltura, 26
Peltura Bovei, 26
pelusius, *Mystus*, 96
pelusius, *Silurus*, 96
pemecus, *Bagrus*, 53
pemon, *Cetopsidium*, 131
Penesilurus, 375
Penesilurus bokorensis, 376
Penesilurus palavanensis, 375, 377
pentamaculata, *Rineloricaria*, 295
pentapterus, *Clarias*, 146
pentlandi, *Trichomycterus*, 423
Pentlandii, *Pimelodus*, 200
peregrinus, *Ictalurus*, 207
perforated, *Microlepidogaster*, 272
perforatus, *Microlepidogaster*, 272
perijae, *Cordylancistrus*, 231
perporosus, *Hypophthalmus*, 334
Perrunichthys, 335
Perrunichthys perruno, 335, 336
perruno, *Perrunichthys*, 335, 336
persimilis, *Chrysichthys*, 158
personatus, *Callychthys*, 129
peruana, *Pimelodella*, 194
peruanus, *Arges*, 66
peruanus, *Astroblepus*, 66
peruanus, *Chasmocranus*, 183
peruanus, *Duopalatinus*, 332
peruense, *Pimelodella*, 194
peruensis, *Pimelodella*, 194
Perugia, 339
Perugia argentina, 335
Perugia xanthus, 335
perugiaae, *Anyperistius*, 347
perugiaae, *Centromochlus*, 73
peruvianus, *Galeichthys*, 43
pestai, *Corydoras*, 116
Petacara, 62
petenensis, *Pimelodus*, 198
petleyi, *Limatulichthys*, 266
petleyi, *Rhineloricaria*, 266
petricola, *Clariallabes*, 138
petricola, *Synodontis*, 319
petroleus, *Hoplomyzon atrizona*, 61
Peyeria, 428
peyeria, *Ariopsis*, 432
pfefferi, *Synodontis*, 311
phaeus, *Noturus*, 214
Phagorus, 139
Phagorus cataractus, 141
phaiosoma, *Silurichthys*, 378
phaiosoma, *Silurus*, 377, 378
phalacra, *Brachyglanis*, 181
Phalacronotini, 367
Phalacronotus, 367, 374
Phalacronotus apogon, 374
Phalacronotus bleekeri, 374
Phalacronotus micronemus, 375
Phalacronotus micruropterus, 375
Phalacronotus parvanalis, 375
phalacronotus, *Silurus*, 374, 375
phaneronema, *Branchioica*, 411
phaneronema, *Paravandellia*, 411
phantasia, *Cetopsorhamdia*, 182
phelpsi, *Astroblepus*, 66

- phelpsi*, *Spatuloricaria*, 296, 297
Phenacorhamdia, 188
Phenacorhamdia anisura, 188
Phenacorhamdia boliviana, 188
Phenacorhamdia hoehnei, 188
Phenacorhamdia macarenensis, 188, 189
Phenacorhamdia nigrolineata, 189
Phenacorhamdia somnians, 189
Phenacorhamdia tenebrosa, 189
Phenacorhamdia unifasciata, 189
philippinus, *Pseudarius*, 35
phillipsi, *Clarias*, 145
pholeter, *Astroblepus*, 66
phoxocephala, *Hemiloricaria*, 246
phoxocephala, *Loricaria*, 246
Phractocephalus, 336
Phractocephalus bicolor, 336
Phractocephalus gogra, 105
Phractocephalus hemioliopterus, 336
Phractocephalus itchkeea, 386
Phractocephalus kuturnee, 105
Phractocephalus nassi, 336
Phractura, 26
Phractura ansorgii, 26
Phractura bovei, 26
Phractura brevicauda, 26
Phractura clauseni, 26
Phractura fasciata, 26
Phractura gladysae, 26
Phractura ineac, 28
Phractura intermedia, 26
Phractura lindica, 26
Phractura longicauda, 26
Phractura lukugae, 26
Phractura macrura, 27
Phractura scaphyrhynchura, 27
Phractura tenuicauda, 27
Phreatobinae, 429
Phreatobius, 429
Phreatobius cisternarum, 429, 430
phreatophila, *Prietella*, 215
phrixosoma, *Plecostomus*, 298
phrixosoma, *Squaliforma*, 298
phrygiatus, *Arius*, 32
Phyllonemus, 164
Phyllonemus brichardi, 164
Phyllonemus filinemus, 164
Phyllonemus typus, 164
physacanthus, *Arius*, 36
Physailia, 360
Physailia ansorgii, 360
Physailia pellucida, 360
Physailia somalensis tanensis, 360
Physailia villiersi, 360
Physopyxis, 176
Physopyxis ananas, 176
Physopyxis cristata, 176
Physopyxis lyra, 176
piauhiae, *Loricaria*, 269
pinguabae, *Listrura*, 444
picklei, *Cetopsorhamdia*, 182
picta, *Dekeyseria*, 234
picta, *Megalechis*, 129
pictus, *Akysis*, 14
pictus, *Amphilius*, 21
pictus, *Ancistrus*, 234, 265
pictus, *Bagrus* (*Sciades*), 334
pictus, *Callichthys*, 129
pictus, *Hypostomus*, 265
pictus, *Leiarius*, 334
pictus, *Pimelodus*, 338
pictus, *Trichomycterus*, 423
pidada, *Arius*, 55
pietschmanni, *Allabenchelys*, 138
pietschmanni, *Auchenoglanis*, 162
pietschmanni, *Clariallabes*, 138
pijpersi, *Cetopsorhamdia*, 186
pijpersi, *Imparfinis*, 186
pilosus, *Neblinichthys*, 273
Pimelenotus, 197
Pimelenotus Vilsoni, 197, 200
Pimeletropis, 332
Pimeletropis lateralis, 332
Pimelode livrée, 213
Pimelodella garbei, 189
Pimelodella, 189
Pimelodella altipinnis, 189
Pimelodella australis, 189
Pimelodella avanhandavae, 189
Pimelodella boliviana, 189
Pimelodella boschmai, 190
Pimelodella brasiliensis, 190, 192
Pimelodella breviceps, 190
Pimelodella buckleyi, 190
Pimelodella chagresi, 190
Pimelodella chagresi odynea, 193
Pimelodella chaparae, 190
Pimelodella cinerascens, 201
Pimelodella cochabambae, 185
Pimelodella conquetaensis, 190
Pimelodella copei, 190
Pimelodella cristata, 190
Pimelodella cruxenti, 190
Pimelodella cyanostigma, 190
Pimelodella dorseyi, 190
Pimelodella eigenmanni, 191, 193, 340
Pimelodella eigenmanniorum, 191
Pimelodella elongata, 191
Pimelodella enochi, 191
Pimelodella eutaenia, 191
Pimelodella figueroai, 191
Pimelodella garbei, 189
Pimelodella geryi, 191
Pimelodella gracilis, 191
Pimelodella griffini, 191
Pimelodella grisea, 191
Pimelodella hartii, 191
Pimelodella hartwelli, 192
Pimelodella hasemani, 192
Pimelodella howesi, 192
Pimelodella insignis, 190
Pimelodella itapicuruensis, 192
Pimelodella kronoi, 192
Pimelodella lateristriga, 192
Pimelodella laticeps, 192
Pimelodella laticeps australis, 189
Pimelodella laurenti, 192
Pimelodella linami, 192
Pimelodella macrocephala, 192
Pimelodella macturki, 192
Pimelodella martinezi, 193
Pimelodella meeki, 193
Pimelodella megalops, 193
Pimelodella megalura, 193
Pimelodella metae, 193
Pimelodella modesta, 193
Pimelodella montana, 193
Pimelodella mucosa, 193
Pimelodella nigrofasciata, 193
Pimelodella notomelas, 193
Pimelodella odynea, 193
Pimelodella ophthalmica, 193
Pimelodella pallida, 194
Pimelodella pappenheimi, 194
Pimelodella parnahybae, 194
Pimelodella parva, 194
Pimelodella pectinifer, 194
Pimelodella peruana, 194
Pimelodella peruense, 194
Pimelodella peruensis, 194
Pimelodella procera, 194
Pimelodella rambarrani, 181
Pimelodella rendahli, 196
Pimelodella reyesi, 194
Pimelodella roccae, 194
Pimelodella rudolphi, 194
Pimelodella serrata, 194
Pimelodella spelaea, 195
Pimelodella steindachneri, 195
Pimelodella taeniophora, 195
Pimelodella taenioptera, 195
Pimelodella tapatapae, 195
Pimelodella transitoria, 195
Pimelodella vittata, 195
Pimelodella wessellii, 195
Pimelodella witmeri, 195
Pimelodella yuncensis, 195
Pimelodes filamentosus, 330
Pimelodes fossor, 431
Pimelodes lateristrigus, 192
Pimelodes macropterus, 332
Pimelodidae, 329
Pimelodina, 336
Pimelodina flavipinnis, 336
Pimelodina goeldii, 332

- Pimelodina nasus*, 336
Pimelodinae, 329
Pimelodini, 329
Pimelodon, 211
Pimelodon insignarius, 211, 213
Pimelodus, 336
Pimelodus (Bagrus) maculatus, 345
Pimelodus (Pimelodella) eigenmanni, 191, 193
Pimelodus (Pimelodella) griseus, 191
Pimelodus (Pimelodella) taeniophorus, 195
Pimelodus (Pimelodina) flavipinnis, 336
Pimelodus (Pimelodus) grosskopfii, 338
Pimelodus (Pseudopimelodus) cottoides, 354
Pimelodus (Pseudopimelodus) pulcher, 355
Pimelodus (Pseudorhamdia) brasiliensis, 190
Pimelodus (Pseudorhamdia) Chagresi, 190
Pimelodus (Pseudorhamdia) Hartii, 191
Pimelodus (Pseudorhamdia) nigribarbis, 335
Pimelodus (Pseudorhamdia) Wessellii, 195
Pimelodus (Rhamdia) Baronis Mülleri, 201
Pimelodus (Rhamdia) brachypterus, 198
Pimelodus (Rhamdia) Cuyabae, 201
Pimelodus (Rhamdia) Knerii, 199
Pimelodus (Rhamdia) longicauda, 185
Pimelodus (Rhamdia) Parahybae, 201
Pimelodus (Rhamdia) parvus, 180
Pimelodus (Rhamdia) Queleni cuprea, 201
Pimelodus absconditus, 336
Pimelodus aeneus, 215
Pimelodus affinis, 208
Pimelodus ailurus, 205
Pimelodus albicans, 337
Pimelodus albidus, 40, 204
Pimelodus albofasciatus, 337
Pimelodus altipinnis, 189
Pimelodus altissimus, 337
Pimelodus angius, 359
Pimelodus anisurus, 98
Pimelodus antiquus, 207
Pimelodus antoniensis, 205
Pimelodus aor, 106
Pimelodus arekaima, 334
Pimelodus argenteus, 53
Pimelodus argyrus, 209
Pimelodus arius, 34
Pimelodus asperus, 395
Pimelodus atrarius, 205
Pimelodus atrobrunneus, 337
Pimelodus auratus, 155
Pimelodus bagarius, 383
Pimelodus bahianus, 195
Pimelodus balayi, 162
Pimelodus barbancho, 339
Pimelodus barbatus, 44
Pimelodus batasio, 84, 85
Pimelodus Batasius, 85, 98
Pimelodus bathyurus, 201
Pimelodus bilineatus, 107
Pimelodus biscutatus, 154
Pimelodus blochii, 336, 337
Pimelodus borneënsis, 41
Pimelodus botius, 388
Pimelodus Boucardi, 201
Pimelodus brachycephalus, 198
Pimelodus breviceps, 190
Pimelodus brevis, 337
Pimelodus buckleyi, 190
Pimelodus Bufonius, 355
Pimelodus caeruleascens, 81
Pimelodus caeruleascens, 81
Pimelodus Cantonensis, 431
Pimelodus carcio, 85, 98
Pimelodus Carnaticus, 383
Pimelodus catulus, 205
Pimelodus cauda-furcatus, 209
Pimelodus cavasius, 95
Pimelodus cavia, 388
Pimelodus cenia, 386
Pimelodus chandramara, 86
Pimelodus charus, 355
Pimelodus cinerascens, 200
Pimelodus clarias, 320
Pimelodus clarias coprophagus, 337
Pimelodus coeruleascens, 81
Pimelodus Commersonii, 43, 44
Pimelodus confinis, 205
Pimelodus conirostris, 428
Pimelodus conta, 383, 384
Pimelodus coprophagus, 337
Pimelodus cranchii, 156
Pimelodus cristatus, 189, 190
Pimelodus ctenodus, 332
Pimelodus cupreoides, 205
Pimelodus cupreus, 215
Pimelodus cyanochloros, 392
Pimelodus cyclopus, 64
Pimelodus dekayi, 206
Pimelodus Depei, 200
Pimelodus eigenmanni, 340
Pimelodus elongatus, 191
Pimelodus eques, 184
Pimelodus exsudans, 196
Pimelodus felinus, 205
Pimelodus felis, 206
Pimelodus foina, 197
Pimelodus fur, 337
Pimelodus furcatus, 208, 209
Pimelodus furcifer, 210
Pimelodus gagata, 385, 386
Pimelodus gagora, 34
Pimelodus gambensis, 54
Pimelodus garciabarrigai, 337
Pimelodus garcia-barrigai, 337
Pimelodus gaudryi, 432
Pimelodus genidens, 43, 44
Pimelodus godmanni, 200
Pimelodus gracilis, 191, 196, 210
Pimelodus graciosus, 210
Pimelodus grosskopfii, 338
Pimelodus grosskopfii navarroii, 338
Pimelodus grunniens, 336
Pimelodus guatemalensis, 200
Pimelodus guirali, 162
Pimelodus gulio, 93, 95
Pimelodus guttatus, 88, 162, 163
Pimelodus Hammondii, 210
Pimelodus hara, 395, 396
Pimelodus heraldoi, 338
Pimelodus heteropleurus, 181
Pimelodus Hilarii, 200
Pimelodus holomelas, 199
Pimelodus houghi, 210
Pimelodus hoyi, 206
Pimelodus humilis, 198
Pimelodus hypselurus, 198
Pimelodus indicus, 19
Pimelodus insigne, 213
Pimelodus insignis, 339
Pimelodus jatius, 41
Pimelodus javus, 431
Pimelodus jenynsii, 196
Pimelodus jivaro, 338
Pimelodus labrosus, 334
Pimelodus lateristrigus, 192
Pimelodus laticaudus, 198
Pimelodus laticeps, 160
Pimelodus lemniscatus, 213
Pimelodus leptus, 332
Pimelodus limosus, 215
Pimelodus lividus, 205
Pimelodus longifilis, 338
Pimelodus lupus, 209
Pimelodus lutescens, 215
Pimelodus lynx, 204
Pimelodus maculatus, 209, 336, 338, 345
Pimelodus managuensis, 199
Pimelodus mangois, 18
Pimelodus mangurus, 355
Pimelodus Manillensis, 41
Pimelodus marginatus, 206
Pimelodus marmoratus, 206
Pimelodus megalops, 210

- Pimelodus melanogaster*, 12, 13
Pimelodus melas, 205
Pimelodus membranaceus, 309
Pimelodus menoda, 89
Pimelodus micropterus, 200
Pimelodus microstoma, 338
Pimelodus modestus, 193
Pimelodus mong, 55
Pimelodus motaguensis, 198
Pimelodus mülleri, 199
Pimelodus multiradiatus, 334
Pimelodus murius, 358
Pimelodus musculus, 200
Pimelodus mustelinus, 184
Pimelodus mysteriosus, 338
Pimelodus namdia, 200
Pimelodus nangra, 396, 397
Pimelodus natalis, 205
Pimelodus navarroi, 338
Pimelodus nebulosus, 205, 215
Pimelodus nella, 52
Pimelodus nenga, 47
Pimelodus nicaraguensis, 199
Pimelodus nigricans, 208, 209, 210
Pimelodus nigrodigitatus, 158
Pimelodus nigrofasciatus, 193
Pimelodus notatus, 210, 339
Pimelodus occidentalis, 154
Pimelodus octocirrhus, 431
Pimelodus olivaceus, 210
Pimelodus ophthalmicus, 194
Pimelodus ornatus, 338
Pimelodus ortmanni, 338
Pimelodus pallidus var. *Lateralis*, 210
Pimelodus pallidus var. *Leucoptera*, 210
Pimelodus pallidus var. *Marginata*, 210
Pimelodus pangasius, 325, 327
Pimelodus paranaensis, 338
Pimelodus pati, 334
Pimelodus pectinidens, 46
Pimelodus Pentlandii, 200
Pimelodus petenensis, 198
Pimelodus pictus, 338
Pimelodus pinirampus, 339
Pimelodus pirinampu, 339
Pimelodus platanus, 335
Pimelodus platespogon, 383
Pimelodus platycirris, 339
Pimelodus platycephalus, 206
Pimelodus platychir, 21, 22
Pimelodus platypogon, 392
Pimelodus platypogonides, 392
Pimelodus pleurostigma, 13
Pimelodus polycaulus, 198
Pimelodus pullus, 205
Pimelodus puma, 205
Pimelodus punctatus, 339
Pimelodus punctulatus, 216
Pimelodus pusillus, 431
Pimelodus quelen, 200
Pimelodus rama, 105
Pimelodus raninus, 352, 353
Pimelodus rigidus, 339
Pimelodus rita, 106
Pimelodus Rogersi, 198
Pimelodus rugosus, 13
Pimelodus Sadleri, 431
Pimelodus sagor, 45
Pimelodus salvini, 198
Pimelodus sapo, 200
Pimelodus sebae, 197, 200
Pimelodus seengtee, 97
Pimelodus Sellonis, 200
Pimelodus silondia, 366
Pimelodus sona, 45
Pimelodus Spegazzinii, 335
Pimelodus spixii, 40
Pimelodus Stegeliichii, 200
Pimelodus synodontis, 313
Pimelodus tachisurus, 431
Pimelodus telchita, 394
Pimelodus telchitta, 394
Pimelodus tengana, 86
Pimelodus tengara, 97
Pimelodus thunberg, 35
Pimelodus urua, 359
Pimelodus vacha, 358
Pimelodus valenciennis, 335
Pimelodus variegatus, 13, 14, 15
Pimelodus velifer, 203
Pimelodus versicolor, 44
Pimelodus viridescens, 395
Pimelodus viscosus, 215
Pimelodus vulgaris, 206
Pimelodus vulpeculus, 206
Pimelodus vulpes, 211
Pimelodus wagneri, 201
Pimelodus Westermanni, 329, 330
Pimelodus wuchereri, 200
Pimelodus Xanthocephalus, 207
Pimelodus zonatus, 13
Pimelodus zungaro, 344
Pimelodus, 197
pinheiroi, *Corydoras*, 122
Pinirampidae, 329
Pinirampus, 329, 339
Pinirampus pirinampu, 339
Pinirampus typus, 339
pinirampus, *Pimelodus*, 339
pinnatus, *Ompok*, 373
pinnimaculatus, *Aelurichthys*, 38
pinnimaculatus, *Bagre*, 38
Pinniwallago, 375
Pinniwallago kanpurensis, 375
piperata, *Tympanopleura*, 68, 70
piperatus, *Ageneiosus*, 70
piperatus, *Imparfinis*, 185, 186
piperatus Kryptopterus, 370
pipri, *Erethistoides*, 384
pipri, *Erethistoides montana*, 384
pique, *Hatcheria*, 405
piracicabae, *Loricaria*, 269
Piramutana, 330
Piramutana macrospila, 339
Pirarara, 336
Pirarara bicolor, 336
pirareta, *Ancistrus*, 224
piratatu, *Hypostomus*, 258
Piratinga, 330
Piratinga pirá-aiba, 330
Pirauáca, *Sorubim*, 343
pirá-aiba, *Piratinga*, 330
piresi, *Glanidium*, 78
piresi, *Tocantinsia*, 78
piriformis, *Ancistrus*, 224
pirinampu, *Pimelodus*, 339
pirinampu, *Pinirampus*, 339
Pirinampus, 339
Pirinampus agassizii, 339
pirrense, *Cyclopium*, 66
pirrensis, *Astroblepus*, 66
piscatrix, *Pseudorhamdia*, 337
pitmani, *Chrysichthys*, 160
piurae, *Pygidium punctulatum*, 421
piurae, *Trichomycterus*, 421
placidus, *Noturus*, 214
planicauda, *Parotocinclus*, 283
planiceps, *Ancistrus*, 264
planiceps, *Arius*, 50
planiceps, *Bagrus*, 90
planiceps, *Clarias*, 147
planiceps, *Hemibagrus*, 90
planiceps, *Notarius*, 50
planiceps, *Platystoma*, 343
planiceps, *Sorubimichthys*, 343
planifrons, *Genidens*, 44
planifrons, *Netuma*, 44
Planiloricaria, 217, 285
Planiloricaria cryptodon, 285
Planiloricariina, 217
planquettei, *Lithoxus*, 267
planquettei, *Lithoxus (Paralithoxus)*, 267
planus, *Otolithus (Arius)*, 435
planus, *Tachysurus*, 434, 435
platana, *Bergiaria*, 330
platana, *Bergiella*, 330
platanum, *Megalonema*, 335
platanus, *Pimelodus*, 335
platespogon, *Pimelodus*, 383
platicirris, *Pimelodus*, 339
platorynchus, *Farlowella*, 239
platus, *Amarginops*, 153
Platyallabes, 152
Platyallabes tihoni, 152

- Platycephaloides*, 139
platycephalum, *Megalonema*, 335
platycephalum psammium,
Megalonema, 335
platycephalus, *Acrochordonichthys*,
12, 13
platycephalus, *Amblyceps*, 18
platycephalus, *Ameiurus*, 206
platycephalus, *Chaetostomus*, 231
platycephalus, *Chrysiichthys*, 158
platycephalus, *Clarias*, 139, 147
platycephalus, *Cordylancistrus*, 23
platycephalus, *Hemiodon*, 288
platycephalus, *Heterobranchus*, 151
platycephalus, *Miuroglanis*, 409
platycephalus, *Noturus*, 212
platycephalus, *Pimelodus*, 206
platycephalus, *Pseudohemiodon*, 288
platychir, *Amphilius*, 22
platychir, *Pimelodus*, 21, 22
platychir cubangoensis, *Amphilius*, 23
Platyclarias, 152
Platyclarias machadoi, 152
Platydoras, 176
Platydoras armatulus, 176
Platydoras costatus, 176
Platyglanis, 164
Platyglanis depierrei, 164
platymetopon, *Loricariichthys*, 271
platynema, *Brachyplatystoma*, 331
Platynematiichthys, 339
Platynematiichthys notatus, 339
platynemum, *Brachyplatystoma*, 331
Platypogon, 339
Platypogon caeruleostris, 339, 340
platypogon, *Arius*, 54
platypogon, *Glyptothorax*, 392
platypogon, *Kryptopterus*, 371
platypogon, *Micropogon*, 371
platypogon, *Pimelodus*, 392
platypogon, *Sciades*, 54
platypogonides, *Glyptothorax*, 392
platypogonides, *Pimelodus*, 392
platypogonoides, *Glyptothorax*, 392
platyprosopos, *Clariallabes*, 138
platyrhynchos, *Hemisorubim*, 333
platyrhynchos, *Platystoma*, 333
platyrhynchus, *Cordylancistrus*, 232
platyrhynchus, *Hemiancistrus*, 232
platyrhynchus, *Ompok*, 373
Platysilurus, 340
Platysilurus barbatus, 340
Platysilurus malarmo, 340
Platysilurus mucosus, 340
Platysilurus olallae, 340
Platysomatos, 61
Platystacinae, 57
Platystacus, 57, 61
Platystacus anguillar, 350, 351
Platystacus chaca, 135, 136
Platystacus cotylephorus, 61
Platystacus laevis, 58
Platystacus nematophorus, 61
Platystacus verrucosus, 58, 60
Platystoma, 342
Platystoma affine, 330
Platystoma artedii, 341
Platystoma corruscans, 341
Platystoma coruscans, 341
Platystoma emarginatum, 332
Platystoma juruense, 331
Platystoma Luceri, 342
Platystoma lütkeni, 344
Platystoma mucosa, 340
Platystoma orbignianus, 341
Platystoma orbignyanum, 341
Platystoma panthale, 341, 342
Platystoma parahybae, 344
Platystoma pardale, 341
Platystoma pardalis, 341, 342
Platystoma planiceps, 343
Platystoma platyrhynchos, 333
Platystoma punctifer, 342
Platystoma seenghala, 107
Platystoma spatula, 343
Platystoma sturio, 340
Platystoma tigrinum, 341
Platystoma truncatum, 341
Platystoma Vaillantii, 331
platystoma, *Cteniloricaria*, 233
platystoma, *Loricaria*, 233
Platystomatiichthys, 340
Platystomatiichthys sturio, 340
platystomus, *Arius*, 52
platystomus, *Plicofollis*, 52
Platytrapius, 361
Platytrapius longianalis, 357
Platytrapius siamensis, 361
Platytrapius sinensis, 358
platyura, *Hemiloricaria*, 246
platyura, *Loricaria*, 246
plazaii, *Vandellia*, 427
plecostomoides, *Cochliodon*, 258
plecostomoides, *Hypostomus*, 258
Plecostomus, 250
Plecostomus (Carinotus) carinotus,
234, 235
Plecostomus (Rhinelepis) microps, 281
Plecostomus aculeatus, 224
Plecostomus affinis, 251
Plecostomus āgnā, 251
Plecostomus albopunctatus, 251
Plecostomus ancistroides, 251
Plecostomus angipinnatus, 251
Plecostomus angulicauda, 235
Plecostomus annae, 297
Plecostomus argus, 251
Plecostomus aspilogaster, 251
Plecostomus bicirrosus, 259
Plecostomus biseriatus, 297
Plecostomus bolivianus, 252
Plecostomus borellii, 252
Plecostomus bouleengeri, 252
Plecostomus brasiliensis, 259
Plecostomus brevicauda, 252
Plecostomus brevis, 252
Plecostomus carinatus, 252
Plecostomus carvalhoi, 252
Plecostomus chaparae, 226
Plecostomus commersonii scabriceps,
260
Plecostomus commersonoides, 255
Plecostomus cordovae, 258
Plecostomus derbyi, 253
Plecostomus festae, 263
Plecostomus flagellaris, 268
Plecostomus fluviatilis, 253
Plecostomus francisci, 254
Plecostomus garmani, 254
Plecostomus gomesi, 298
Plecostomus goyazensis, 254
Plecostomus gymnorhynchus, 254
Plecostomus hemiurus, 254
Plecostomus Hermannii, 254
Plecostomus heylandi, 263
Plecostomus hondae, 250, 254
Plecostomus iheringi, 298
Plecostomus iheringii, 255, 298
Plecostomus interruptus, 255
Plecostomus jaguribensis, 255
Plecostomus johnii, 255
Plecostomus lacerta, 263
Plecostomus laplatae, 255
Plecostomus latirostris, 255
Plecostomus lexi, 255
Plecostomus lima, 256
Plecostomus lima atropinnis, 251
Plecostomus limosus, 253
Plecostomus longiradiatus, 256
Plecostomus luteomaculatus, 256
Plecostomus luteus, 256
Plecostomus Lütkeni, 251
Plecostomus macrops, 256
Plecostomus madeiræ, 225
Plecostomus margaritifera, 256
Plecostomus margaritifera butantanis,
256
Plecostomus meleagris, 256
Plecostomus microps, 273, 281
Plecostomus micropunctatus, 225
Plecostomus myersi, 257
Plecostomus niger, 257
Plecostomus nigromaculatus, 257
Plecostomus niveatus, 234
Plecostomus nudiventris, 257
Plecostomus obtusirostris, 218
Plecostomus paulinus, 258

- Plecostomus pellegrini*, 289
Plecostomus phrixosoma, 298
Plecostomus plecostomus panamensis, 243
Plecostomus plecostomus papariae, 258
Plecostomus popoi, 225
Plecostomus pularum, 259
Plecostomus rachovii, 255
Plecostomus regani, 259
Plecostomus Robinii, 261
Plecostomus rondini, 259
Plecostomus rondoni, 259
Plecostomus scaphyceph, 260
Plecostomus scaplyceph, 260
Plecostomus scopularius, 298
Plecostomus seminudus, 260
Plecostomus spilosoma, 283
Plecostomus spilurus, 283
Plecostomus spiniger, 252
Plecostomus spinosissimus, 263
Plecostomus strigaticeps, 260
Plecostomus tenuicauda, 298
Plecostomus ternetzi, 261
Plecostomus tietensis, 261
Plecostomus topavae, 261
Plecostomus Unae, 261
Plecostomus unicolor, 225
Plecostomus vaillanti, 261
Plecostomus variipictus, 261
Plecostomus varimaculosus, 261
Plecostomus variostictus, 261
Plecostomus vermicularis, 262
Plecostomus villarsi, 298
Plecostomus virescens, 298
Plecostomus Wertheimeri, 285
Plecostomus winzi, 262
Plecostomus wuchereri, 262
plecostomus, *Acipencer*, 258
plecostomus, **Hypostomus**, 258
plecostomus, *Plecostomus*, 243
plecostomus panamensis, *Plecostomus*, 243
plecostomus papariae, *Plecostomus*, 258
Plectrochilus, 411
Plectrochilus diabolicus, 411
Plectrochilus machadoi, 411
Plectrochilus wieneri, 411
Pleurophysus, 410
Pleurophysus hydrostaticus, 410
pleurops, *Arius*, 39
pleurops, **Synodontis**, 319
pleurostigma, *Pimelodus*, 13
pleurotaenia, *Farlowella*, 237
pleurotaenia, *Pangasius*, 328
pleurotaenia, **Pseudolais**, 328
Plicofollis, 32, 51
Plicofollis argyroleuron, 51
Plicofollis crossocheilos, 52
Plicofollis dussumieri, 52
Plicofollis nella, 52
Plicofollis platystomus, 52
Plicofollis polystaphylodon, 52
Plicofollis tenuispinis, 52
Plicofollis tonggol, 52
plioaenicus, *Silurus*, 432
Pliosilurus, 430
Pliosilurus primus, 430
Plotoseus, 350
Plotoseus ikapor, 350
Plotosichthyoidei, 345
Plotosidae, 345
Plotosis, 350
Plotosius, 350
Plotosus, 345, 350
Plotosus (Clarias) hamiltonii, 140
Plotosus (Tandanus) tandanus, 351, 352
Plotosus abbreviatus, 351
Plotosus albilabris, 349
Plotosus argenteus, 345
Plotosus brevibarbus, 351
Plotosus caesius, 350
Plotosus canius, 350
Plotosus castaneoides, 351
Plotosus castaneus, 351
Plotosus elongatus, 346
Plotosus fisadoha, 350
Plotosus flavolineatus, 345
Plotosus horridus, 350
Plotosus laticeps, 345
Plotosus limbatus, 108, 346, 350
Plotosus lineatus, 350
Plotosus lineatus, 351, 352
Plotosus macrocephalus, 346
Plotosus macrophthalmus, 349
Plotosus malignus, 351
Plotosus marginatus, 350
Plotosus megastomus, 345, 346
Plotosus microceps, 346
Plotosus multiradiatus, 350
Plotosus nigricans, 352
Plotosus nkunga, 351
Plotosus papuensis, 351
Plotosus thumbergianus, 350
Plotosus unicolor, 350, 352
Plotosus vittatus, 350
Plotosus viviparus, 350
plumbea, **Cetopsis**, 133
plumbeus, *Cetopsis*, 132, 133
plumbeus, **Trichomycterus**, 421
plumbeus motatanensis, *Pseudocetopsis*, 132
plumbeus orinoco, *Pseudocetopsis*, 132
pluriradiatus, **Hemibagrus**, 90
pluriradiatus, *Macrones*, 90
pluriradiatus, **Ompok**, 373
poecilopterus, *Bagrus*, 93
poecilopterus, **Leiocassis**, 93
poecilus, **Aspidoras**, 109
poecilus, **Microglanis**, 354
poensis, *Clarias*, 141
poeyanus, *Trichomycterus*, 423
poeyi, **Rhamdia**, 199
Pogonopoma, 285
Pogonopoma obscurum, 285
Pogonopoma parahybae, 285
Pogonopoma wertheimeri, 285
Pogonopomoides, 285
poilanei, **Pareuchiloglanis**, 398, 399
pojeri, **Chiloglanis**, 307
polli, **Chrysichthys**, 159
polli, *Malapterurus*, 302
polli, **Microsynodontis**, 310
polli, **Synodontis**, 319
polycaulus, *Pimelodus*, 198
polygramma, *Doras*, 168
polyochrus, **Parotocinclus**, 283
polyodon, **Chiloglanis**, 307
polyodon, **Synodontis**, 319
polypogon, **Chiloglanis**, 307
polystaphylodon, *Arius*, 52
polystaphylodon, **Plicofollis**, 52
polystictus, *Agenciosus*, 70
polystictus, *Ageneisus*, 70
polystictus, *Ageneisus*, 70
polystictus, **Corydoras**, 123
polystigma, **Synodontis**, 319
polyuranodon, **Pangasius**, 325, 327
ponderosus, *Pangasius*, 327
poonaensis, *Glyptothorax conirostre*, 395
popoi, *Plecostomus*, 185
Porcinae, 81
Porcus, 81, 83
Porcus auratus, 155
Porcus bayad, 83
Porcus bayad macropterus, 83
Poroichilus, 351
Poroichilus meraukensis, 351
Poroichilus obbesi, 351
Poroichilus rendahli, 345
porosus, *Silurus*, 95
porosus, *Trachycorystes*, 81
porphyreus, *Ageneisus*, 70
pospisili, *Cochliodon*, 254
Potamarius, 53
Potamarius grandoculis, 53
Potamarius izabalensis, 53
Potamarius nelsoni, 53
potaroensis, **Corydoras**, 123
potaroensis, **Myoglanis**, 187
potaroensis, *Myoglanis*, 187
potschi, **Trichomycterus**, 421
pradensis, **Trichomycterus**, 422

- praecox*, *Pseudocetopsis*, 133
praecox, *Denticetopsis*, 133
praeliorum, *Astroblepus*, 66
praelongus, Hassar, 173
praelongus, *Leptodoras*, 173
Prajadhipokia, 94
Prajadhipokia rex, 94
prashadi, *Akysis*, 14
prashadi, *Glyptothorax*, 393
prata, *Parotocinclus*, 283
prateri, *Clupisoma*, 357
pratti, *Macrones*, 102
pratti, *Pseudobagrus*, 102
prenadilla, *Brontes*, 63, 66
prenadillus, *Astroblepus*, 66
prentissgrayi, *Dinotopteroides*, 139, 146
pretoriae, *Chiloglanis*, 307
prianomus, *Rhinodoras*, 176
pricei, *Ictalurus*, 209
pricei, *Villarius*, 208, 209
Prietella, 215
Prietella lundbergi, 215
Prietella phreatophila, 215
primaevus, *Ameiurus*, 207
primaevus, *Propygidium*, 433
primus, *Pliosilurus*, 430
prionotos, *Corydoras*, 130
prionotos, *Scleromystax*, 130
Pristiancistrus, 219
Pristiancistrus eustictus, 219, 221
pristos, *Imparfinis*, 186
procera, *Pimelodella*, 194
productus, *Chiloglanis*, 443
Proeutropiichthys, 361
Proeutropiichthys buchani, 361
Proeutropiichthys goongwaree, 362
Proeutropiichthys macrophthalmos, 362
Proeutropiichthys taakree, 362
Proeutropiichthys taakree burmanicus, 362
Proeutropius, 362
prolatus, *Encheloclarias*, 150
prolixa, *Loricaria*, 286
prolixa, *Proloricaria*, 286
prolixa lentiginosa, *Loricaria*, 286
Proloricaria, 286
Proloricaria lentiginosa, 286
Proloricaria prolaxa, 286
promagdalena, *Brachyplatystoma*, 331
proops, *Bagrus*, 54
proops, *Ituglanis*, 408
proops, *Sciades*, 54
proöps, *Trichomycterus*, 408
proops parahybae, *Pygidium*, 406, 407
Prophagorus, 139
Propimelodus, 340
Propimelodus caesius, 443
Propimelodus eigenmanni, 340
Propseudecheneis, 400
Propseudecheneis tchangi, 400, 401
Propygidium, 403, 433
Propygidium primaevus, 433
prosthistius, *Amiurus*, 205
proxima, *Netuma*, 49
proximus, *Arius*, 48, 49
psammatides, *Aspidoras*, 110
psammium, *Megalonema*, 335
psammium, *Megalonema platycephalum*, 335
Psammophiletria, 27
Psammophiletria delicata, 27
Psammophiletria nasuta, 27
Pseudacanthicini, 217
Pseudacanthicus, 217, 286
Pseudacanthicus (Lithoxus) fimbriatus, 237
Pseudacanthicus fimbriatus, 236
Pseudacanthicus fordii, 286
Pseudacanthicus histrix, 286
Pseudacanthicus leopardus, 286
Pseudacanthicus serratus, 286
Pseudacanthicus spinosus, 286
Pseudogeneiosus, 68
Pseudancistrus, 286
Pseudancistrus atratoënsis, 235
Pseudancistrus barbatus, 287
Pseudancistrus brevispinis, 287
Pseudancistrus carnegiei, 235
Pseudancistrus coquenani, 287
Pseudancistrus depressus, 287
Pseudancistrus genisetiger, 287
Pseudancistrus guentheri, 287
Pseudancistrus longispinis, 287
Pseudancistrus luderwaldti, 280
Pseudancistrus niger, 287
Pseudancistrus nigrescens, 287
Pseudancistrus orinoco, 287
Pseudancistrus papariae, 287
Pseudancistrus pediculatus, 235
Pseudancistrus pediculatus cobrensis, 235
Pseudancistrus sidereus, 288
Pseudancistrus torbesensis, 231, 232
Pseudariodes, 336
Pseudariodes pantherinus, 339
Pseudarius, 34
Pseudarius microcephalus, 35
Pseudarius philippinus, 35
Pseudauchenipterini, 68
Pseudauchenipterus, 68, 75
Pseudauchenipterus affinis, 76
Pseudauchenipterus flavescens, 76
Pseudauchenipterus guppyi, 76
Pseudauchenipterus jequitinhonhae, 76
Pseudauchenipterus nigrolineatus, 76
Pseudauchenipterus nodosus, 76
Pseudecheneidina, 382
Pseudecheneis, 382, 400
Pseudecheneis crassicauda, 400
Pseudecheneis eddsi, 442
Pseudecheneis immaculata, 400
Pseudecheneis immaculatus, 400
Pseudecheneis intermedius, 400
Pseudecheneis paviei, 400
Pseudecheneis serracula, 400
Pseudecheneis stenura, 442
Pseudecheneis sulcata, 400, 442
Pseudecheneis sulcatoides, 400
Pseudecheneis suppaetula, 442
Pseudecheneis sympelvica, 401
Pseudecheneis sympelvicus, 401
Pseudecheneis tchangi, 401
Pseudepapterus, 76
Pseudepapterus cucuhyensis, 76
Pseudepapterus gracilis, 76
Pseudepapterus hasemani, 76
Pseudeutropichthys, 165
Pseudeutropichthys multiradiatus, 165
Pseudeutropius, 356, 357, 362
Pseudeutropius acutirostris, 359
Pseudeutropius atherinoides, 359
Pseudeutropius atherinoides walkeri, 359
Pseudeutropius brachyopterus, 362
Pseudeutropius longimanus, 362
Pseudeutropius megalops, 362
Pseudeutropius mitchelli, 362
Pseudeutropius moolenburghae, 362
Pseudeutropius murius batarensis, 357
Pseudeutropius siamensis, 361
Pseudeutropius verbeekii, 326
Pseudexostoma, 401
Pseudexostoma brachysoma, 401
Pseudexostoma yunnanense, 401
Pseudexostoma yunnanensis brachysoma, 401
Pseudocanthicus (Lithoxus) fimbriatus, 237
Pseudobagarius, 16
Pseudobagarius alfredi, 16
Pseudobagarius baramensis, 16
Pseudobagarius filifer, 16
Pseudobagarius fuscus, 16
Pseudobagarius hardmani, 16
Pseudobagarius inermis, 16
Pseudobagarius leucorhynchus, 16
Pseudobagarius macronemus, 16
Pseudobagarius meridionalis, 17
Pseudobagarius nitidus, 17
Pseudobagarius pseudobagarius, 17
Pseudobagarius similis, 17
Pseudobagarius sinensis, 17
pseudobagarius, *Akysis*, 16, 17

- pseudobagarius*, *Pseudobagarius*, 17
Pseudobagrichthys, 82
Pseudobagrichthys macracanthus, 82
Pseudobagrurus, 86, 100, 101
Pseudobagrurus adiposalis, 101
Pseudobagrurus albomarginatus, 101
Pseudobagrurus analis, 101
Pseudobagrurus aurantiacus, 101, 108
Pseudobagrurus brachysoma, 429
Pseudobagrurus brevianalis, 101
Pseudobagrurus brevicaudatus, 102
Pseudobagrurus changi, 103
Pseudobagrurus chinensis, 101
Pseudobagrurus chryseus, 429
Pseudobagrurus emarginatus, 100
Pseudobagrurus eupogoides, 107
Pseudobagrurus eupogon, 100
Pseudobagrurus fangi, 101
Pseudobagrurus fui, 107
Pseudobagrurus gracilis, 102
Pseudobagrurus henryi, 100
Pseudobagrurus ichikawai, 86
Pseudobagrurus ikiensis, 102
Pseudobagrurus intermedius, 100
Pseudobagrurus koreanus, 102
Pseudobagrurus kyphus, 82
Pseudobagrurus medianalis, 102
Pseudobagrurus nitidus, 82
Pseudobagrurus nudiceps, 100
Pseudobagrurus omeihensis, 102
Pseudobagrurus ondon, 102
Pseudobagrurus ornatus, 92
Pseudobagrurus pratti, 102
Pseudobagrurus taeniatus, 102
Pseudobagrurus taiwanensis, 102
Pseudobagrurus tenuis, 102
Pseudobagrurus tokiensis, 103
Pseudobagrurus trilineatus, 103
Pseudobagrurus truncatus, 103
Pseudobagrurus ussuriensis, 101
Pseudobagrurus virgatus, 101
Pseudobagrurus wangi, 108
Pseudobagrurus wittenburgii, 108
Pseudobagrurus wui, 101
Pseudocallophysus, 332
Pseudocanthicus (Lithoxus) fimbriatus, 237
Pseudocetopsis, 131
Pseudocetopsis baudoënsis, 131
Pseudocetopsis jurubidae, 132
Pseudocetopsis orientale, 130
Pseudocetopsis plumbeus motatanensis, 132
Pseudocetopsis plumbeus orinoco, 132
Pseudocetopsis praecox, 133
Pseudodoras, 175
pseudogladiolus, Farlowella, 237
Pseudohemiodon, 288
Pseudohemiodon (Planiloricaria) cryptodon, 285
Pseudohemiodon amazonus, 288
Pseudohemiodon apithanos, 288
Pseudohemiodon devincenzii, 288
Pseudohemiodon laminus, 288
Pseudohemiodon laticeps, 288
Pseudohemiodon platycephalus, 288
Pseudohemiodon thorectes, 288
pseudohemiurus, *Hypostomus*, 259
pseudohemiurus macrophthalmus, *Hypostomus*, 256
Pseudohypophthalmus, 333
Pseudolaguvia, 382, 401
Pseudolaguvia ferula, 442
Pseudolaguvia foveolata, 401
Pseudolaguvia inornata, 401
Pseudolaguvia kapuri, 401
Pseudolaguvia muricata, 401
Pseudolaguvia ribeiroi, 401
Pseudolaguvia shawi, 401, 444
Pseudolaguvia tenebricosa, 402
Pseudolaguvia tuberculata, 402
Pseudolais, 328
Pseudolais micronemus, 328
Pseudolais pleurotaenia, 328
Pseudolais tetranema, 328
pseudoleiacanthus, *Clarias*, 147
Pseudolithoxus, 288
Pseudolithoxus anthrax, 288
Pseudolithoxus dumus, 289
Pseudolithoxus nicoi, 289
Pseudolithoxus tigris, 289
Pseudoloricaria, 289
Pseudoloricaria laeviuscula, 289
Pseudomystus, 103
Pseudomystus bomboides, 103
Pseudomystus breviceps, 103
Pseudomystus carnosus, 103
Pseudomystus flavipinnis, 103
Pseudomystus fumosus, 103
Pseudomystus fuscus, 103
Pseudomystus inornatus, 103
Pseudomystus leiacanthus, 104
Pseudomystus mahakamensis, 104
Pseudomystus moeschii, 104
Pseudomystus myersi, 104
Pseudomystus ornatus, 104
Pseudomystus robustus, 104
Pseudomystus rugosus, 104
Pseudomystus siamensis, 104
Pseudomystus sobrinus, 104
Pseudomystus stenogrammus, 104
Pseudomystus stenomus, 104
Pseudomystus vaillanti, 105
pseudonemacheir, *Imparfinis*, 186
pseudonieuhofii, *Clarias*, 147
Pseudopangasius, 325
Pseudopangasius nasutus, 327
Pseudopimelodidae, 352
Pseudopimelodinae, 352
Pseudopimelodus, 352, 355
Pseudopimelodus acanthochirus, 353
Pseudopimelodus Agassizi, 353
Pseudopimelodus albomarginatus, 353
Pseudopimelodus apurensis, 353
Pseudopimelodus bufonius, 355
Pseudopimelodus charus, 355
Pseudopimelodus mangurus, 355
Pseudopimelodus nigricauda, 353
Pseudopimelodus parahybae, 354
Pseudopimelodus pulcher, 355
Pseudopimelodus roosevelti, 355
Pseudopimelodus schultzi, 355
Pseudopimelodus transmontanus, 353
Pseudopimelodus variolosus, 355
Pseudopimelodus villosus, 353
Pseudopimelodus villosus butcheri, 352
Pseudoplatystoma, 340
Pseudoplatystoma corruscans, 341
Pseudoplatystoma fasciatum, 341
Pseudoplatystoma fasciatum intermedium, 341
Pseudoplatystoma fasciatum nigricans, 341
Pseudoplatystoma fasciatum reticulatum, 341
Pseudoplatystoma tigrinum, 341
Pseudorhamdia, 336
Pseudorhamdia fur, 337
Pseudorhamdia macronema, 337
Pseudorhamdia piscatrix, 337
Pseudorhamdia vittatus, 195
Pseudorinelepis, 289
Pseudorinelepis genibarbis, 289
Pseudosilurus, 371
Pseudosilurus macrophthalmos, 374
pseudosilvinichthys, *Trichomycterus*, 422
pseudospinosus, *Neosilurus*, 349
Pseudostegophilus, 411
Pseudostegophilus haemomyzon, 412
Pseudostegophilus nemurus, 412
Pseudostegophilus paulensis, 410
Pseudostegophilus scarificator, 410
Pseudosynodontis, 311
Pseudotatia, 77
Pseudotatia parva, 77
Pseudotocinclus, 289
Pseudotocinclus intermedium, 290
Pseudotocinclus juquiae, 290
Pseudotocinclus parahybae, 290
Pseudotocinclus ribeiroi, 295
Pseudotocinclus tietensis, 290
Pseudotothyris, 290
Pseudotothyris janeirensis, 290
Pseudotothyris obtusa, 290

Psilichthys, 247
Psilichthys cameroni, 247, 279
psilogaster, *Hypoptopoma*, 250
Ptedoras angelis, 178
Pterobunocephalus, 62
Pterobunocephalus depressus, 62
Pterobunocephalus dolichurus, 62
Pterocryptis, 367, 375
Pterocryptis anomala, 375
Pterocryptis barakensis, 441
Pterocryptis bermorei, 376, 377
Pterocryptis bokorensis, 376
Pterocryptis buccata, 376
Pterocryptis burmanensis, 376
Pterocryptis cochinchinensis, 376
Pterocryptis crenula, 376
Pterocryptis cucphuongensis, 376
Pterocryptis furnessi, 376
Pterocryptis gangetica, 375, 376
Pterocryptis inusitata, 377
Pterocryptis taytayensis, 377
Pterocryptis torrentis, 377
Pterocryptis verecunda, 377
Pterocryptis wynaadensis, 377
Pterodoras, 177
Pterodoras angeli, 177, 178
Pterodoras granulatus, 177
Pterodoras rivasi, 177
Pteroglanis, 343, 387
Pteroglanis horai, 387, 390
Pteroglanis manni, 343
Pteronotidae, 180
Pteronotus, 180, 197
Pteropangasius, 328
Pteropsoglanis, 387
Pterosturisoma, 290
Pterosturisoma microps, 290
Pterygoplichthys, 290
Pterygoplichthys (Ancistrus) parananus, 272
Pterygoplichthys aculeatus, 272
Pterygoplichthys ambrosettii, 291
Pterygoplichthys disjunctivus, 291
Pterygoplichthys etentaculatus, 291
Pterygoplichthys gibbiceps, 291
Pterygoplichthys joselimaianus, 291
Pterygoplichthys juvenis, 291
Pterygoplichthys lituratus, 291
Pterygoplichthys multiradiatus, 291
Pterygoplichthys pardalis, 292
Pterygoplichthys parnaibae, 292
Pterygoplichthys punctatus, 292
Pterygoplichthys scrophus, 292
Pterygoplichthys undecimalis, 292
Pterygoplichthys xinguensis, 292
Pterygoplichthys zuliaensis, 292
pubescens, *Rhamdia*, 201
pucai, *Hoffstetterichthys*, 30
puganensis, *Loricaria*, 297
puganensis, *Spatuloricaria*, 297
pulcher, *Amphilius*, 23
pulcher, *Aneistrus (Hemiancistrus)*, 234
pulcher, *Auchenoglanis*, 162
pulcher, *Corydoras*, 123
pulcher, *Clarias*, 147
pulchra, *Dekeyseria*, 234
pulcher, *Macrones*, 97
pulcher, *Mystus*, 97
pulcher, *Pimelodus* (*Pseudopimelodus*), 355
pulcher, *Pseudopimelodus*, 355
pulcher, *Synodontis*, 319
pulcher ephippiata, *Amphilius*, 23
pulex, *Ammoglanis*, 403
pulicaris, *Clarias*, 142
pullus, *Pimelodus*, 205
puma, *Pimelodus*, 205
pumilus, *Arius*, 386
pumilus, *Chiloglanis*, 30
punctata, *Ailia*, 356
punctata, *Ailiichthys*, 356
punctata, *Chaetostomus (Ancistrus) cirrhosus*, 222
punctata, *Harttia*, 241
punctata, *Loricaria*, 266, 292
punctata, *Steindachneria scripta*, 344
punctata, *Nangra*, 395
punctata, *Tatia*, 73
punctatissimus, *Chaetostomus*, 274
punctatissimus, *Oligancistrus*, 274
punctatissimus, *Trichomycterus*, 422
punctatum, *Glyptosternon*, 389
punctatum, *Hoplosternum*, 127, 128
punctatum, *Hypostoma*, 220
punctatum, *Megalonema*, 339
punctatum, *Steindachneridion*, 344
punctatus, *Doras (Corydoras)*, 167
punctatus, *Auchenipterichthys*, 71
punctatus, *Auchenipterus*, 71
punctatus, *Auchenoglanis*, 163
punctatus, *Bagrus*, 91
punctatus, *Cataphractus*, 111, 123
punctatus, *Centromochlus*, 73
punctatus, *Chrysichthys*, 159
punctatus, *Clarias*, 140
punctatus, *Corydoras*, 123
punctatus, *Doras*, 167
punctatus, *Hemibagrus*, 91
punctatus, *Henonemus*, 406
punctatus, *Hypostomus*, 220, 259
punctatus, *Ictalurus*, 208, 209, 211
punctatus, *Malapterurus*, 302
punctatus, *Pachypterus*, 358
punctatus, *Parauchenoglanis*, 163
punctatus, *Pimelodus*, 339
punctatus, *Pterygoplichthys*, 266, 292
punctatus, *Silurus*, 209, 377, 379
punctatus, *Stegophilus*, 406
punctatus argentina, *Corydoras*, 122
punctatus sipaliwini, *Corydoras*, 125
punctulatus, *Arius*, 41
punctifer, *Mystus*, 97
punctifer, *Platystoma*, 342
punctifer, *Synodontis*, 319
punctulata, *Synodontis*, 320
punctulatum piurae, *Pygidium*, 421
punctulatus, *Bagrus*, 331, 339, 340
punctulatus, *Hemiancistrus*, 244
punctulatus, *Pimelodus*, 216
punctulatus, *Synodontis*, 320
punctulatus, *Trichomycterus*, 422
punjabensis, *Glyptothorax*, 393
punjabensis, *Glyptothorax conirostris*, 393
purusiensis, *Panaqolus*, 277
purusiensis, *Panaque*, 277
pusarum, *Hypostomus*, 259
pusarum, *Plecostomus*, 259
Pusichthys, 362
pusillus, *Erethistes*, 384
pusillus, *Pimelodus*, 431
pusillus, *Trichomycterus*, 411
pussilus, *Erethistes*, 384
Pygidianops, 412
Pygidianops cuao, 412
Pygidianops eigenmanni, 412
Pygidianops magoi, 412
Pygidiidae, 427
Pygidium, 427
Pygidium alternatum, 414
Pygidium alterum, 415
Pygidium angustirostris, 413
Pygidium arleoi, 415
Pygidium atochae, 423
Pygidium banneai, 415, 420
Pygidium banneai maracaiboensis, 420
Pygidium barbouri, 415
Pygidium bogotense, 415
Pygidium bomboizanum, 416
Pygidium boylei, 416
Pygidium Burmeisteri, 405
Pygidium caliense, 416
Pygidium chapmani, 417
Pygidium chiltoni, 417
Pygidium conradi, 417
Pygidium davisii, 417
Pygidium dispar, 417
Pygidium dorsostriatum, 417
Pygidium dorsotriatum, 417
Pygidium emanueli emanueli, 418
Pygidium emanueli motatanensis, 421
Pygidium fasslii, 418
Pygidium fasslii, 418
Pygidium florense, 414

- Pygidium fuscum*, 427
Pygidium gabrieli, 418
Pygidium gracilior, 407
Pygidium guianense, 418
Pygidium guianensis, 418
Pygidium hasemani, 418
Pygidium heterodontum, 418
Pygidium iheringi, 419
Pygidium immaculatum, 419
Pygidium johnsoni, 419
Pygidium latidens, 420
Pygidium latistriatum, 420
Pygidium metae, 407
Pygidium metae guayaberenensis, 407
Pygidium migrans, 420
Pygidium mondolfi, 421
Pygidium oroyae, 423
Pygidium paolence, 421
Pygidium paquequerense, 421
Pygidium parkoi, 407
Pygidium proops parahybae, 406, 407
Pygidium punctulatum piurae, 421
Pygidium quechuorum, 423
Pygidium regani, 422
Pygidium reinhardti, 422
Pygidium riojanum, 422
Pygidium romeroi, 423
Pygidium santae-ritae, 423
Pygidium Schmidtii, 416
Pygidium septentrionale, 424
Pygidium Spegazzinii, 423
Pygidium spilosoma, 423
Pygidium stawiariski, 423
Pygidium stellatum, 424
Pygidium stramineum, 424
Pygidium straminium, 424
Pygidium striatum, 424
Pygidium taenia transandianum, 424
Pygidium tenue, 424
Pygidium tiraquae, 423
Pygidium totae, 412
Pygidium travassosi, 414
Pygidium triguttatum, 425
Pygidium unicolor, 425
Pygidium venulosum, 425
Pygidium vermiculatum, 425
Pygidium weyrauchi, 425
Pygidium zonatum, 425
pygmaeus, *Corydoras*, 123
pygmaeus, *Silurus*, 132
Pylodictis, 215
Pylodictis limosus, 215
Pylodictis olivaris, 215
pyrineusi, *Cochliodon*, 259
pyrineusi, *Hypostomus*, 259
Pyxiloricaria, 292
Pyxiloricaria menezesi, 292
Q
quadrensis, *Rineloricaria*, 295
quadriscopatus, *Silurus*, 122
quadrifilis, *Ageneiosus*, 78
quadrifilis, *Tetranemachthys*, 78
quadrimaculatus, *Silurus*, 200
quadriocellatum, *Glyptosternon*, 393
quadriocellatus, *Glyptothorax*, 393
quadriradiatus, *Bunocephalus*, 60
quadriradiatus, *Dysichthys*, 60
quadriscutis, *Arius*, 37
quadriscutis, *Aspistor*, 37
quadrizonatus, *Chasmocranus*, 183
quechuorum, *Pygidium*, 423
quelen, *Pimelodus*, 200
quelen, *Rhamdia*, 199
Queleni cuprea, *Pimelodus (Rhamdia)*, 201
Quiritixys, 240
R
rabauti, *Corydoras*, 123
rabdophorus, *Sisor*, 402
Rabida, 211
rachovii, *Plecostomus*, 255
radiata, *Netuma*, 435
radiatus, *Glyptocephalus*, 432, 433
radius, *Entomocorus*, 443
radulus, *Rhineastes*, 430
raimundi, *Aspidoras*, 110
raimundi, *Corydoras*, 110
Raja similis, 434
Rama, 105
Rama buchmanani, 105
Rama chandramara, 86
Rama rama, 105
rama, *Pimelodus*, 105
rama, **Rama**, 105
rambarrani, *Brachyrhamdia*, 181
rambarrani, *Pimelodella*, 181
ramentosus, *Bagrus (Bagrus)*, 108
ramentosus, *Pelteobagrus*, 108
ramirezi, *Hoplodoras*, 174
ramiroi, *Ituglanis*, 408
ramosus, *Trichomycterus*, 422
raninus, *Batrochoglanis*, 353
raninus, *Pimelodus*, 352, 353
ranunculus, *Ancistrus*, 224
rebeli, *Synodontis*, 320, 323
recavus, *Akysis*, 14
reddelli, *Rhamdia*, 202
Reganella, 217, 292
Reganella depressa, 293
Reganellina, 217
regani, *Anadoras*, 169
regani, *Arges*, 66
regani, *Astroblepus*, 66
regani, *Doras*, 169
regani, *Hypostomus*, 259
regani, *Hemipsilichthys*, 280
regani, *Leiocassis*, 93
regani, *Pareiorhaphis*, 280
regani, *Plecostomus*, 259
regani, *Pygidium*, 422
regani, *Rhamdia*, 198
regani, *Trichomycterus*, 422
reinhardti, *Bagropsis*, 329
reinhardti, *Pygidium*, 422
reinhardti, *Trichomycterus*, 422
reinhardtii, *Ochmacanthus*, 410
Reinhardtii, *Stegophilus*, 410
reinii, *Liobagrus*, 19, 20
reisi, *Ancistrus*, 224
rendahli, *Aoria*, 108
rendahli, *Copidoglanis*, 345
rendahli, *Neosilurus*, 345
rendahli, *Pimelodella*, 196
rendahli, *Porochilus*, 345
rengifoi, *Astroblepus*, 66
resimus, *Astephus*, 207
resupinata, *Synodontis*, 320
resupinatus, *Synodontis*, 320
reticulata, *Farlowella*, 239
reticulata, *Tatia*, 73
reticulatum, *Glyptosternon*, 387
reticulatum, *Pseudoplatystoma fasciatum*, 341
reticulatus, *Ameiurus*, 206
reticulatus, *Bagrus*, 330, 331
reticulatus, *Centromochlus*, 73
reticulatus, *Chiloglanis*, 307
reticulatus, *Corydoras*, 123
reticulatus, *Glyptosternon*, 387
retropinna, *Arges*, 66
retropinnatus, *Horiomyzon*, 185
retropinnis, *Bunocephalus*, 59
retropinnis, *Trichomycterus*, 422
retropinnus, *Astroblepus*, 66
reticulatus, *Glyptosternon*, 387
revelatus, *Corydoras*, 123
rex, *Prajadhipokia*, 94
reyesi, *Pimelodella*, 194
reynoldsi, *Corydoras*, 123
rhabdophorus, *Sisor*, 402
rhabdostigma, *Megalonema*, 338
rhabdurus, *Pareuchiloglanis*, 399
Rhadinoloricaria, 293
Rhadinoloricaria macromystax, 293
rhadinurus, *Ompok*, 373
rhaeas, *Ictalurus*, 210
rhaeas, *Rhineastes*, 210
Rhamdella, 196
Rhamdella aymarae, 196
Rhamdella eriarcha, 196
Rhamdella exsudans, 196
Rhamdella gilli, 196
Rhamdella ignobilis, 196
Rhamdella jenynsii, 196
Rhamdella lemai, 196
Rhamdella leptosoma, 196
Rhamdella longipinnis, 196

- Rhamdella longiuscula*, 196
Rhamdella montana, 196
Rhamdella papariae, 197
Rhamdella robinsoni, 197
Rhamdella rusbyi, 197
Rhamdella schultzi, 187
Rhamdella straminea, 196
Rhamdella wolffi, 197
Rhamdia, 197
Rhamdia alfaroi, 199
Rhamdia amatitlanensis, 198
Rhamdia barbata, 201
Rhamdia branneri, 201
Rhamdia branneri voulezi, 201
Rhamdia bransfordii, 201
Rhamdia cabreræ, 198
Rhamdia cyanostigma, 190
Rhamdia depressa, 201
Rhamdia dorsalis, 201
Rhamdia duquei, 202
Rhamdia eigenmanniorum, 191
Rhamdia enfurnada, 197
Rhamdia eriarcha, 196
Rhamdia foina, 197
Rhamdia gilli, 196
Rhamdia guairensis, 198
Rhamdia guasarensis, 197
Rhamdia guatemalensis decolor, 202
Rhamdia guatemalensis muriei, 202
Rhamdia guatemalensis stygaea, 202
Rhamdia heteracantha, 201
Rhamdia holomelas rupununi, 197
Rhamdia humilis, 198
Rhamdia itacaiunas, 198
Rhamdia javanica, 431
Rhamdia jequitinhonha, 198
Rhamdia laluchensis, 198
Rhamdia laticauda, 198, 199, 202
Rhamdia laticauda typhla, 198
Rhamdia laukidi, 199
Rhamdia lehmanni, 202
Rhamdia luigiana, 199
Rhamdia macuspanensis, 199
Rhamdia marthae, 181
Rhamdia micayi, 197
Rhamdia microcephala, 202
Rhamdia microps, 201
Rhamdia minuta, 186
Rhamdia mounseyi, 201
Rhamdia muelleri, 199
Rhamdia nasuta, 201
Rhamdia nicaraguensis, 199
Rhamdia oaxacae, 201
Rhamdia obesa, 199
Rhamdia ortonii, 201
Rhamdia parryi, 199
Rhamdia poeyi, 199
Rhamdia pubescens, 201
Rhamdia quelen, 199
Rhamdia reddelli, 202
Rhamdia regani, 198
Rhamdia riojae, 201
Rhamdia sacrificii, 198
Rhamdia saijaensis, 202
Rhamdia sebae Martyi, 202
Rhamdia tenella, 199
Rhamdia underwoodi, 198
Rhamdia xetequepeque, 202
Rhamdia zongolicensis, 199
Rhamdiae, 180
Rhamdioglanis, 202
Rhamdioglanis frenatus, 202
Rhamdioglanis transfasciatus, 202
Rhamdiopsis, 202
Rhamdiopsis microcephala, 202
Rhamdiopsis moreirai, 202, 203
rhami, *Crossoloricaria*, 232
rhegma, *Mystus*, 97
Rheoglanis, 164
Rheoglanis dendrophorus, 164
rheophilus, *Amphilius*, 23
rheophilus, *Pangasius*, 328
rheophilus, *Sisor*, 402
Rhineastes, 207, 430
Rhineastes arcuatus, 207
Rhineastes calvus, 207
Rhineastes grangeri, 432
Rhineastes peltatus, 430
Rhineastes radulus, 430
Rhineastes rhaeas, 210
Rhineastes smithii, 430
Rhinelepis, 217, 293
Rhinelepis Agassizii, 289
Rhinelepis aspera, 293
Rhinelepis levis, 255
Rhinelepis lophophanes, 276
Rhinelepis parahybae, 285
Rhinelepis rudolphi, 281
Rhinelepis strigosa, 293
Rhineloricaria morrowi, 246
Rhineloricaria petleyi, 266
Rhineloricaria wolfei, 247
Rhinobagrus, 92
Rhinobagrus dumerili, 92, 93
Rhinodoras, 178
Rhinodoras amazonum, 170
Rhinodoras boehlkei, 178
Rhinodoras dorbignyi, 178
Rhinodoras prianomus, 176
Rhinodoras teffeanus, 176
Rhinodoras thomersoni, 178
Rhinoglanina, 303
Rhinoglanis, 303, 310
Rhinoglanis typus, 310, 311
Rhinoglanis Vannutellii, 311
Rhinolepis paraguensis, 275
Rhizosomichthys, 412
Rhizosomichthys totae, 412
rhodonotus, *Bagrus*, 49
rhodopterygius, *Bagrus*, 95
rhombocephala, *Harttia*, 242
Rhynchodoras, 178
Rhynchodoras woodsi, 178
Rhynchodoras xingui, 178
ribeirae, *Microcambeva*, 409
ribeirensis, *Neoplecostomus*, 274
ribeiroi, *Glanidium*, 75
ribeiroi, *Laguvia*, 401
ribeiroi, *Pseudolaguvia*, 401
ribeiroi, *Pseudotocinclus*, 295
ribeiroi kapuri, *Laguvia*, 401
riberae, *Astroblepus*, 66
ribularis, *Silurus*, 201
ricardoe, *Synodontis*, 320
Ricola, 217, 293
Ricola macrops, 293
Ricolina, 217
rigidus, *Pimelodus*, 339
Rinelepis acanthicus, 218
Rinelepis genibarbis, 289
Rinelepis histrix, 218, 286
Rineloricaria, 217, 244, 293
Rineloricaria aequaliscuspis, 293
Rineloricaria cadeae, 293
Rineloricaria castroi, 245
Rineloricaria catamarcensis, 294
Rineloricaria cubataonis, 294
Rineloricaria felipponei, 294
Rineloricaria formosa, 245
Rineloricaria hasemani, 245
Rineloricaria henselii, 294
Rineloricaria heteroptera, 293, 294
Rineloricaria jaraguensis, 294
Rineloricaria kronei, 294
Rineloricaria lanceolata, 246
Rineloricaria latirostris, 294
Rineloricaria lima, 294
Rineloricaria longicauda, 294
Rineloricaria maquinensis, 294
Rineloricaria microlepidogaster, 295
Rineloricaria microlepidota, 295
Rineloricaria misionera, 295
Rineloricaria pareiacantha, 295
Rineloricaria pentamaculata, 295
Rineloricaria quadrens, 295
Rineloricaria steindachneri, 295
Rineloricaria strigilata, 295
Rineloricaria thrissoceps, 295
Rineloricaria uracantha, 240
Rineloricariina, 217
ringueleti, *Hisonotus*, 249
riojae, *Rhamdia*, 201
riojanum, *Pygidium*, 422
riojanus, *Trichomycterus*, 422
rios, *Pangasius*, 328
Rita, 81, 105
Rita Buchanani, 105, 106

- Rita chrysea*, 105
Rita gogra, 105
Rita grandiscutata, 105
Rita kuturnee, 105
Rita macracanthus, 106
Rita rita, 106
Rita sacerdotum, 106
rita, *Pimelodus*, 106
rita, *Rita*, 106
Ritae, 81
ritoides, *Arius*, 106
rivasi, *Apuredoras*, 177
rivasi, *Pterodoras*, 177
rivularis, *Silurus*, 201
rivulatus, *Trichomycterus*, 422
roae, *Cetopsidium*, 131
robbianus, *Synodontis*, 320
robecchii, *Clarias*, 143
robertsi, *Ariopsis*, 48
robertsi, *Arius*, 48
robertsi, *Synodontis*, 320
robineae, *Corydoras*, 124
robinii, *Hypostomus*, 259
Robinii, *Plecostomus*, 261
robinsoni, *Rhamdella*, 197
robusta, *Nangra*, 397
robusta, *Oxyloricaria*, 299
robusta, *Pareuchiloglanis*, 399
robusta, *Sundagagata*, 387, 392
robustum, *Megalonema*, 339
robustum, *Sturisoma*, 299
robustus, *Auchenipterus*, 80
robustus, *Corydoras*, 124
robustus, *Ichthaelurus*, 210
robustus, *Leiocassis*, 104
robustus, *Neosilurus*, 348
robustus, *Pareuchiloglanis*, 399
robustus, *Pseudomystus*, 104
roccae, *Pimelodella*, 194
rochai, *Aspidoras*, 108, 110
rodriguesi, *Glaphyropoma*, 405
rogersae, *Leptodoras*, 173
Rogersi, *Pimelodus*, 198
roigi, *Trichomycterus*, 423
romani, *Centromochlus*, 73
romani, *Tatia*, 73
romeroi, *Pygidium*, 423
romeroi, *Trichomycterus*, 423
roncallii, *Farlowella*, 240
rondoni, *Ageneiosus*, 69
rondini, *Hypostomus*, 259
rondoni, *Plecostomus*, 259
roosae, *Clupisoma*, 357
roosevelti, *Pseudopimelodus*, 355
roraïma, *Neblinichthys*, 273
rosae, *Chasmocranus*, 183
rosei, *Astroblepus*, 66
roseopunctatus, *Hypostomus*, 259
rostrata, *Loricaria*, 245, 298, 300
rostrata, *Otothyris*, 276
rostratum, *Sturisoma*, 300
rostratus, *Arius*, 55
rostratus, *Loricariichthys*, 271
rothschildi, *Xenocara*, 221
rotundatus, *Otolithus* (*Arius*), 435
rotundiceps, *Gephyroglanis*, 28
rotundiceps, *Zaireichthys*, 28
rotundifrons, *Bathyclarias*, 136
rotundifrons, *Dinotopterus*, 136
rousseauxii, *Bagrus*, 331
rousseauxii, *Brachyplatystoma*, 331
royauxi, *Euchilichthys*, 309
royeroi, *Denticetopsis*, 133
ruandae, *Synodontis*, 320
rubermetus, *Glyptothorax*, 394
rudis, *Diplomystes*, 435
rudolphi, *Pareiorhina*, 281
rudolphi, *Pimelodella*, 194
rudolphi, *Rhinelepis*, 281
rueppelli, *Chrysichthys*, 159
rufescens, *Macrones*, 97
rufescens, *Mystus*, 94, 97
rufigiensis, *Synodontis*, 320
rugispinis, *Arius*, 32
rugosa, *Farlowella*, 239
rugosus, *Acrochordonichthys*, 13
rugosus, *Bunocephalus*, 60
rugosus, *Liocassis*, 104
rugosus, *Pimelodus*, 13
rugosus, *Pseudomystus*, 104
rukwaensis, *Chiloglanis*, 308
rukwaensis, *Synodontis*, 320
rukwaensis, *Synodontis zambezensis*, 320
rupestre, *Loricaria uracantha*, 240
rupestris, *Fonchiichthys*, 240
rupununi, *Rhamdia holomelas*, 197
rusbyi, *Rhamdella*, 197
Russellii, *Wallago*, 381
russi, *Arius*, 57
rutilus, *Bagarius*, 383
rutschi, *Arius*, 435
ruziziensis, *Chiloglanis*, 308
S
sabahensis, *Pangasius*, 328
sabaji, *Peckoltia*, 284
sabalo, *Arges*, 63, 67
sabalo, *Astroblepus*, 67
sabanus, *Hemibagrus*, 91
sabanus, *Kryptopterus*, 370
sabanus, *Mystus*, 91
sabanus, *Ompok*, 371
Sacchii, *Oxyglanis*, 154
Saccobranchus, 151
Saccobranchus microcephalus, 151
Saccobranchus microps, 151
sacerdotum, *Rita*, 106
Sachsdoras, 177
Sachsdoras apurensis, 177, 178
sacrificii, *Rhamdia*, 198
Sadleri, *Pimelodus*, 431
saetiger, *Lasiancistrus*, 265
sagor, *Hexanemachthys*, 45
sagor, *Pimelodus*, 45
sagoroides, *Arius*, 45
saharsai, *Hara*, 396
saijaensis, *Rhamdia*, 202
saisii, *Glyptosternum*, 393
saisii, *Glyptothorax*, 393
salae, *Clarias*, 147
salathei, *Bunocephalus*, 59
salgadae, *Ancistrus*, 300
salmacis, *Scleromystax*, 130
salvini, *Pimelodus*, 198
sanagaensis, *Chiloglanis*, 308
sanchesi, *Corydoras*, 124
sandrae, *Cetopsis*, 133
sandrae, *Euristhmus*, 442
sanghensis, *Trachyglanis*, 28
sanguinea, *Vandellia*, 427
sanguineus, *Silurichthys*, 378
sanitwongsei, *Pangasius*, 328
santaeritae, *Trichomycterus*, 423
santae-ritae, *Pygidium*, 423
santanderensis, *Astroblepus*, 67
santanderensis, *Astroblepus cyclopus*, 67
sapito, *Dupouyichthys*, 60
sapo, *Pimelodus*, 200
saramaccensis, *Corydoras*, 124
saramaccensis, *Hypostomus*, 259
sarareensis, *Corydoras*, 124
saravacensis, *Leiocassis*, 93
saravacensis, *Liocassis*, 93
sarcodes, *Cetopsis*, 133
Sarcogenys, 48
Sarcoglanidinae, 403
Sarcoglanis, 403, 412
Sarcoglanis simplex, 412
sardinhai, *Chiloglanis*, 308
sarmientoi, *Stenolicmus*, 414
saropterix, *Brachyspondylus*, 82, 432
Satan, 216
Satan eurystomus, 216
satparanus, *Arius*, 56
sauli, *Denticetopsis*, 133, 134
sauteri, *Clarias*, 148
savorgnani, *Atopochilus*, 303, 304
sawrockensis, *Ameiurus*, 206
sawrockensis, *Ictalurus*, 206
saxicola, *Isbrueckerichthys*, 441
scabriceps, *Bunocephalus*, 58, 60
scabriceps, *Hypostomus*, 260
scabriceps, *Plecostomus commersonii*, 260
scaphirhyncha, *Dekeyseria*, 234
scaphirhynchus, *Ancistrus*, 234

- scaphyceps*, *Hypostomus*, 260
scaphyceps, *Plecostomus*, 260
scaphyrhynchura, *Doumea*, 27
scaphyrhynchura, *Phractura*, 27
scaplyceps, *Plecostomus*, 260
scarificator, *Pseudostegophilus*, 410
schall, *Silurus*, 320
schall, *Synodontis*, 315, 320
Schilbe, 356, 362
Schilbe angolensis, 363
Schilbe auratus, 364
Schilbe banguelensis, 363
Schilbe bocagii, 363
Schilbe bouvieri, 364
Schilbe brevianalis, 363
Schilbe congensis, 363
Schilbe congolensis, 364
Schilbe djemeri, 363
Schilbe durinii, 363
Schilbe emini, 364
Schilbe grenfelli, 363
Schilbe Hasselquistii, 365
Schilbe intermedius, 363
Schilbe Isidori, 365
Schilbe laticeps, 364
Schilbe mandibularis, 364
Schilbe marmoratus, 364
Schilbe micropogon, 364
Schilbe moebiusii, 364
Schilbe multitaeniatus, 365
Schilbe mystus, 365
Schilbe nyongensis, 365
Schilbe palmeri, 364
Schilbe senegalensis, 364
Schilbe senegalensis fasciata, 364
Schilbe Senegallus, 364
Schilbe steindachneri, 364
Schilbe tumbanus, 365
Schilbe uranoscopus, 362, 365
Schilbe yangambianus, 365
Schilbe zairensis, 366
Schilbeichthys, 357
Schilbeidae, 356
schilbeides, *Bagrus*, 362, 365
schilbeides, *Hemisilurus*, 371
schilbeides, *Kryptopterus*, 371
Schilbeini, 356
Schilbeodes, 211
Schilbeodes gallowayi, 212
Schilbeodes hildebrandi, 213
Schilbeodes marginatus atrorus, 213
Schilbidae, 324, 356, 429
schilboides, *Bagrus*, 362
schilby, *Silurus*, 431
Schillee Sykesii, 362
Schizolecis, 295
Schizolecis guntheri, 295
schlegeli, *Arius*, 56
Schlegelii, *Bagrus*, 36, 95
Schmidelia graciliformis, 432
Schmidti, *Callomystax*, 392
Schmidti, *Pygidium*, 416
schneideri, *Silurichthys*, 378
Schomburgkii, *Davalla*, 68, 69
schomburgkii, *Chaetostomus*, 265
schomburgkii, *Lasiancistrus*, 265
schoutedeni, *Synodontis*, 321
schreineri, *Hoplosternum*, 128
schreitmuelleri, *Farlowella*, 239
schreitmuelleri, *Farlowella*, 239
schubarti, *Imparfinis*, 186
schubarti, *Nannorhamdia*, 186
schultzei, *Corydoras*, 112
schultzi, *Centromochlus*, 73
schultzi, *Leptorhamdia*, 187
schultzi, *Pseudopimelodus*, 355
schultzi, *Rhamdella*, 187
schultzi, *Zungaro zungaro*, 355
Schultzichthys, 413
Schultzichthys bondi, 413
Schultzichthys gracilis, 413
schwartzi, *Corydoras*, 124
schwartzi surinamensis, *Corydoras*, 126
schweinfurthi, *Fajumia*, 428, 429
Sciadeichthys, 53
Sciadeichthys (Selenaspis) walrechti, 53
Sciadeoides, 334
Sciadeops, 53
Sciades, 53
Sciades couma, 53
Sciades dowii, 53
Sciades herzbergii, 53
Sciades marmoratus, 334
Sciades passany, 54
Sciades platypogon, 54
Sciades proops, 54
Sciades troschelii, 53, 54
sciurus, *Arius*, 35
sclateri, *Austroglanis*, 81
sclateri, *Gephyroglanis*, 81
Scleromystax, 112, 129
Scleromystax barbatus, 129
Scleromystax macropterus, 130
Scleromystax prionotos, 130
Scleromystax salmacis, 130
Scleronema, 413
Scleronema angustirostre, 413
Scleronema minutum, 413
Scleronema operculatum, 413
scleronema, *Hemisilurus*, 368
scleronemus, *Ceratoglanis*, 368
Scobinancistrus, 296
Scobinancistrus aureatus, 296
Scobinancistrus pariolispos, 296
scolopacina, *Loricaria*, 237
Scoloplacidae, 366
Scoloplacinae, 366
Scoloplax, 366, 367
Scoloplax dicra, 367
Scoloplax distolothrix, 367
Scoloplax dolicholophia, 367
Scoloplax empousa, 367
scolymus, *Lasiancistrus*, 265
scopularia, *Squaliforma*, 298
scopularius, *Plecostomus*, 298
Scorpiodoras, 178
Scorpiodoras heckelii, 178
scripta, *Steindachneria*, 344
scripta punctata, *Steindachneria*, 344
scriptum, *Steindachneridion*, 344
scrophus, *Liposarcus*, 292
scrophus, *Pterygoplichthys*, 292
sculpodon, *Hypostomus*, 260
scutatus, *Aelurichthys*, 38
sebae, *Ageneiosus*, 69
sebae, *Pimelodus*, 197, 200
sebae Martyi, *Rhamdia*, 202
secundus, *Microglanis*, 355
seducta, *Denticetopsis*, 134
seemanni, *Ariopsis*, 33
seemanni, *Arius*, 33
seenghala, *Platystoma*, 107
seenghala, *Sperata*, 107
seengtee, *Mystus*, 97
Seengtee, *Pimelodus*, 97
Selenaspis, 53
Sellonis, *Pimelodus*, 200
semiaquilus, *Corydoras*, 124
semicultratus, *Sinopangasius*, 325, 326
seminuda, *Dasylicarica*, 234
seminuda, *Loricaria filamentosa*, 234
seminudus, *Hypostomus*, 260
seminudus, *Plecostomus*, 260
semiscutatus, *Corydoras*, 125
Senegalensis, *Clarias*, 140
Senegalensis, *Heterobranchus*, 150
senegalensis, *Schilbe*, 364
senegalensis fasciata, *Schilbe*, 364
Senegallus, *Schilbe*, 364
sepikensis, *Lambertichthys ater*, 347
septentrionale, *Pygidium*, 424
septentrionalis, *Acrochordonichthys*, 13
septentrionalis, *Corydoras*, 124
septentrionalis, *Stegophilus*, 414
Septobranchus, 42
Septobranchus johanna, 42
seraoi, *Eutropius*, 363
Serdicensis, *Silurus*, 432
sericeum, *Chaetostoma*, 230
sericeus, *Chaetostomus*, 230
serpentis, *Synodontis*, 321
serracanthus, *Ameiurus*, 206
serracanthus, *Ictalurus*, 206
serracula, *Pseudecheneis*, 400

- serralabium*, *Callichthys*, 111
serrata, Hara, 396
serrata, *Pimelodella*, 194
serrata, *Synodontis*, 321
serratum, *Amblyceps*, 18
serratus, Arius, 49
serratus, *Corydoras*, 124
serratus, Hara, 396
serratus, *Hypostomus*, 286
serratus, *Pseudacanthicus*, 286
serratus, *Synodontis*, 311, 321
serratus tangaicae, *Synodontis*, 322
setifera, *Loricaria*, 268
setiger, *Oreoglanis*, 398
setosus, *Chaetostomus*, 235
setosus, *Dolichancistrus*, 235
seussi, *Corydoras*, 124
sexcirrhis, *Aspredo*, 61
sexpapistoma, *Hoplomyzon*, 61
sextentaculatus, *Heterobranchus*, 197, 200
sexualis, *Gagata*, 386
sharavatiensis, *Batasio*, 86
sharpii, *Chrysichthys*, 159
shawi, *Laguvia*, 395, 402
shawi, *Pseudolaguvia*, 401, 444
shermani, *Cetopsorhamdia*, 182
shirensis, *Malapterurus*, 302
shirui, *Hoplosternum*, 128
shuwaiensis, *Bagrus*, 84
sialis, *Noturus*, 213
siamensis, *Glyptothorax*, 393
siamensis, *Hemipimelodus*, 41
siamensis, *Liocassis*, 104
siamensis, *Oreoglanis*, 397, 398
siamensis, *Pangasius*, 327
siamensis, *Platytrapius*, 361
siamensis, *Pseudeutropius*, 361
siamensis, *Pseudomystus*, 104
sianenna, *Chrysichthys*, 159
sichuanensis, *Pareuchiloglanis*, 399
sicuephorus, *Aspredo*, 58
sicula, *Erethistoides*, 384
sicyephorus, *Aspredo*, 58
Sieboldii, *Bagrus*, 90
sifontesi, *Oxydoras*, 176
Silondia, 366
silondia, *Silonia*, 366
Silonia, 366
Silonia childreni, 366
Silonia silondia, 366
Silonopangasius, 366
Silundia, 366
Silundia gangetica, 366
Silundia Sykesii, 366
Siluranodon, 356, 366
Siluranodon auritus, 366
Siluranodontinae, 356
Silurichthys, 377
Silurichthys australis, 348
Silurichthys basilewskii, 381
Silurichthys bermmorei, 376
Silurichthys citatus, 377
Silurichthys gibbiceps, 377
Silurichthys hasseltii, 377
Silurichthys indragiriensis, 378
Silurichthys leucopodus, 378
Silurichthys marmoratus, 378
Silurichthys phaiosoma, 378
Silurichthys sanguineus, 378
Silurichthys schneideri, 378
Siluridae, 367
Silurodes, 371
Silurodes macronema, 372
Silurodon, 380
Silurodon hexanema, 380, 381
siluroides, *Ompok*, 371
Siluroides, 367
siluroides, *Ompok*, 373
Silurus, 375, 378
Silurus (?)*gaudryi*, 432
Silurus (*Acanthotus*) *cuvieri*, 356
Silurus (*Callichrus*) *affinis*, 374
Silurus (*Callichrus*) *erythrogaster*, 373
Silurus (*Callichrus*) *immaculatus*, 374
Silurus (*Callichrus*) *macrostomus*, 381
Silurus (*Callichrus*) *nebulosus*, 374
Silurus (*Callichrus*) *vittatus*, 372
Silurus (*Clupisoma*) *argentata*, 357
Silurus (*Heterobranchus*) *garipepinus*, 143
Silurus (*Parasilurus*) *aristotelis*, 378
Silurus (*Pimelodus*) *nigrescens*, 210
Silurus 11-radiatus, 335
Silurus 12-radiatus, 177
Silurus 16-radiatus, 44
Silurus 38-radiatus, 70
Silurus 7-radiatus, 122
Silurus 9-radiatus, 201
Silurus afghana, 376
Silurus altus, 381
Silurus anguillaris, 138, 140, 143
Silurus anostomus, 374
Silurus apogon, 374
Silurus arab, 351
Silurus argentinus, 209
Silurus aristotelis, 378
Silurus armatus, 177
Silurus ascita, 54
Silurus asotus, 378, 381
Silurus aspredo, 58
Silurus Atherinoides, 359
Silurus athu, 380
Silurus attu, 380
Silurus auritus, 366
Silurus bagre, 37
Silurus bajad, 83
Silurus batrachus, 140
Silurus bedfordi, 379
Silurus bicirrhis, 369
Silurus bimaculatus, 372
Silurus biserratus, 151
Silurus biwaensis, 379
Silurus boalis, 380
Silurus burmanensis, 376
Silurus callarias, 313
Silurus callichthys, 110
Silurus calvarius, 99, 100
Silurus canio, 373, 374
Silurus carinatus, 170, 171
Silurus cataphractus, 167
Silurus catus, 204
Silurus caecutiens, 131
Silurus Cerulescens, 207, 208, 211
Silurus cerulescens melanurus, 209
Silurus cerulescens var. melanurus, 209
Silurus chantrei, 379
Silurus chechra, 374
Silurus chilensis, 165
Silurus cinereus, 379
Silurus clarias, 311, 313, 321, 336, 337
Silurus Cochinchinensis, 376
Silurus coecutiens, 131, 132
Silurus congensis, 362, 363
Silurus costatus, 176
Silurus cous, 31, 387, 389
Silurus cryptopterus, 369
Silurus cucphuongensis, 376
Silurus cupreus, 215
Silurus dauuricus, 379
Silurus docmak, 84
Silurus duanensis, 379
Silurus duda, 374
Silurus dukai, 377
Silurus Egertoni, 56
Silurus electricus, 301
Silurus fasciatus, 340, 341
Silurus felis, 33
Silurus ferox, 431
Silurus fossilis, 151
Silurus galeatus, 79
Silurus garua, 357
Silurus gilberti, 375, 376
Silurus glanis, 378, 379
Silurus glanis aralensis, 379
Silurus glanis atavus, 382
Silurus goae, 374
Silurus grahami, 379
Silurus gurgu, 431
Silurus gyrinus, 211, 213, 214
Silurus hemioliopterus, 336
Silurus Herzbergii, 53
Silurus hexadactylus, 61
Silurus hexapterus, 371
Silurus hypophthalmus, 372
Silurus ichneumon, 431

- Silurus imberbis*, 70, 379
Silurus indicus, 374
Silurus inermis, 69, 379
Silurus japonicus, 378, 379
Silurus laüs, 370
Silurus lamghur, 373
Silurus lanzhouensis, 380
Silurus laticeps, 151
Silurus leptonema, 374
Silurus lima, 342
Silurus limosus, 215
Silurus limpok, 370
Silurus lineatus, 350, 351
Silurus lithophilus, 380
Silurus lividus, 204, 205
Silurus lividus Fuscatus, 205
Silurus lividus var. Fuscatus, 205
Silurus luvur, 431
Silurus macrocephalus, 341
Silurus macronema, 371, 372
Silurus maculatus, 35, 207, 209
Silurus maculatus Erythroptera, 209
Silurus maculatus var. Erythroptera, 209
Silurus Malabaricus, 372
Silurus mangrullo, 341
Silurus marinus, 37, 38, 44
Silurus melas, 205
Silurus mento, 380
Silurus meridionalis, 380
Silurus microcephalus, 374
Silurus microdorsalis, 380
Silurus micronemus, 375
Silurus micropogon, 374
Silurus militaris, 51, 68, 69
Silurus minutus, 431
Silurus mollis, 214
Silurus mononema, 370
Silurus morehensis, 376
Silurus Mülleri, 380, 381
Silurus muticus, 337
Silurus Mysoricus, 374
Silurus mystus, 362, 365
Silurus nebulosus, 215
Silurus nodosus, 75, 76
Silurus ocellatus, 35
Silurus olivaris, 215
Silurus pabda, 371, 372
Silurus pabo, 373
Silurus Palembangensis, 369, 370
Silurus pallidus, 210
Silurus pallidus Lateralis, 210
Silurus pallidus Leucoptera, 210
Silurus pallidus Marginatus, 210
Silurus pallidus var. Lateralis, 210
Silurus pallidus var. Leucoptera, 210
Silurus pallidus var. Marginatus, 210
Silurus parkeri, 36
Silurus pati, 335
Silurus pelusius, 96
Silurus phaiosoma, 377, 378
Silurus phalacronotus, 374, 375
Silurus pliocaenicus, 432
Silurus porosus, 95
Silurus punctatus, 209, 377, 379
Silurus pygmaeus, 132
Silurus quadricostatus, 122
Silurus quadrimaculatus, 200
Silurus ribularis, 201
Silurus rivularis, 201
Silurus schall, 320
Silurus schilbe niloticus, 431
Silurus schilby, 431
Silurus Serdicensis, 432
Silurus silurus, 379
Silurus sinensis, 375, 376, 381
Silurus singio, 151
Silurus soldatovi, 380
Silurus soldatovi meridionalis, 380
Silurus stenocephalus, 432
Silurus torrentis, 377
Silurus triostegus, 380
Silurus undecimalis, 431
Silurus unitius, 350
Silurus Vaillantii, 331
Silurus verrucosus, 60
Silurus viscosus, 215
Silurus vittatus, 98
Silurus wallagoo, 381
Silurus wynaadensis, 375, 377
Silurus Xanthocephalus, 207
Silurus xanthosteus, 379
silurus, Silurus, 379
Silvaichthys, 76
Silvaichthys aguilerae, 76
silvasantosi, Steindachneridion, 344
silviae, Glyptothorax, 393
Silvinichthys, 413
Silvinichthys bortayro, 413
Silvinichthys mendozensis, 413
simeonsi, Clariallabes, 138
similis, Akysis, 17
similis, Corydoras, 124
similis, Leiocassis, 108
similis, Pseudobagarius, 17
similis, Raja, 434
simillima, Loricaria, 269
simios, Hypostomus, 260
simonsi, Galeichthys, 33
simonsii, Arges, 67
simonsii, Astroblepus, 67
simplex, Sarcoglanis, 412
simplex, Tatia, 78
simpsonii, Ictalurus, 210
simulatus, Corydoras, 124
Simuldentinae, 303
Sindensis, Callichrous, 373
sindensis, Ompok, 373
sinensis, Akysis, 17
sinense, Clupisoma, 358
sinense, Glyptosternum, 393
sinensis, Akysis, 17
sinensis, Arius, 55
sinensis, Bagrus, 108
sinensis, Cranoglanis, 164, 165
sinensis, Euchiloglanis, 399
sinensis, Glyptothorax, 393
sinensis, Macrones, 165
sinensis, Pareuchiloglanis, 399
sinensis, Platytrapius, 358
sinensis, Pseudobagarius, 17
sinensis, Silurus, 375, 376, 381
sinensis, Tachysurus, 431
singaringan, Bagrus, 97
singaringan, Mystus, 97
Sinopangasius, 325
Sinopangasius semicultratus, 325, 326
sinyanensis, Leiocassis, 108
sipaliwini, Bunocephalus amaurus, 58
sipaliwini, Corydoras, 125
sipaliwini, Corydoras punctatus, 125
sipaliwini, Hypostomus, 260
Sisor, 382, 402
Sisor barakensis, 402
Sisor chennuah, 402
Sisor rabdophorus, 402
Sisor rhabdophorus, 402
Sisor rheophilus, 402
Sisor tortosus, 402
Sisorichthyoidei, 382
Sisoridae, 382
Slatinia, 24
Slatinia mongallensis, 24
smithi, Farlowella, 239
smithii, Clarias, 143
smithii, Rhineastes, 430
smithii, Synodontis, 321
smüti, Synodontis, 321
sneiderni, Hemiloricaria, 246
sneiderni, Loricaria, 246
snethlageae, Ancistrus, 283, 285
snethlageae, Peckoltia, 285
sobrinus, Pseudomystus, 104
Socnopaea, 430
Socnopaea grandis, 430
Socnopaea horai, 431
sodalis, Corydoras, 125
soldatovi, Silurus, 380
soldatovi meridionalis, Silurus, 380
solidus, Arius, 39
solidus, Brustiarius, 39
soloni, Synodontis, 321
solox, Corydoras, 125
somalensis, Ailia, 360
somalensis, Parailia, 360
somalensis tanensis, Physailia, 360
somereni, Chiloglanis, 308

- somnians*, *Heptapterus*, 189
somnians, *Phenacorhamdia*, 189
sona, *Hemiaris*, 45
sona, *Pimelodus*, 45
sondaicus, *Bagrus*, 45
songdaensis, *Pareuchiloglanis*, 400
songmaensis, *Pareuchiloglanis*, 400
soniae, *Hypostomus*, 260
Sophiancistrus, 283
sorex, *Synodontis*, 321
Sorubim, 281, 342
Sorubim caparary, 341
Sorubim cuspidatus, 342
Sorubim elongatus, 342
Sorubim infraoculare, 342
Sorubim jandia, 342, 343
Sorubim latirostris, 342
Sorubim lima, 342
Sorubim maniradii, 342
Sorubim Pirauáca, 343
Sorubim trigonocephalus, 342
Sorubimichthys, 342
Sorubimichthys ortonii, 343
Sorubimichthys planiceps, 343
Sorubinae, 329
Sorubium, 329, 342
Sosia, 12
Sosia chamaeleon, 12, 13
Sosia chamaeleon pallida, 13
Sosia chamaeleon var. pallida, 13
Sovichthys, 332
Sovichthys abuelo, 332
sovichthys, *Chaetostoma*, 230
sovichthys, *Chaetostoma anomala*, 230
spatula, *Arius*, 42, 43
spatula, *Cochlefelis*, 43
spatula, *Platystoma*, 343
Spatuloricaria, 296
Spatuloricaria atratoensis, 296
Spatuloricaria caquetae, 296
Spatuloricaria curvispina, 296
Spatuloricaria euacanthagenys, 296
Spatuloricaria evansii, 296
Spatuloricaria fimbriata, 297
Spatuloricaria gymnogaster, 297
Spatuloricaria lagoichthys, 297
Spatuloricaria nudiventris, 297
Spatuloricaria phelpsi, 296, 297
Spatuloricaria pujanensis, 297
spectabile, *Nannoptopoma*, 272
spectabilis, *Corydoras*, 125
spectabilis, *Otocinclus*, 272, 273
Spectracanthicina, 217
Spectracanthicus, 217, 297
Spectracanthicus murinus, 297
spectrum, *Aspredo*, 61
spectrum, *Glyptothorax*, 393
Spegazzinii, *Pimelodus*, 335
Spegazzinii, *Pygidium*, 423
spgazzinii, *Trichomycterus*, 423
spelaea, *Pimelodella*, 195
spelaeus, *Trichomycterus*, 423
Sperata, 106
Sperata acicularis, 106
Sperata aor, 106
Sperata aorella, 107
Sperata sarwari, 107
Sperata seenghala, 107
spilomma, *Hemiancistrus*, 244
spilopterus, *Hemibagrus*, 91
spilosoma, *Parotocinclus*, 283
spilosoma, *Plecostomus*, 283
spilosoma, *Pygidium*, 423
spilosoma, *Trichomycterus*, 423
spilotus, *Aspidoras*, 110
spilurus, *Batasio*, 442
spilurus, *Corydoras*, 125
spilurus, *Parotocinclus*, 283
spilurus, *Plecostomus*, 283
spiniger, *Plecostomus*, 252
spinipectoralis, *Mystus*, 97
spiniserrata, *Parailia*, 360
spinosa, *Loricaria*, 286
spinosissimus, *Acanthodoras*, 168
spinosissimus, *Doras*, 168
spinosissimus, *Hemiancistrus*, 244
spinosissima, *Isorineloricaria*, 263
spinosissimus, *Plecostomus*, 263
spinusus, *Ancistrus*, 224
spinusus, *Hypostomus*, 286
spinusus, *Pseudacanthicus*, 286
spixii, *Cathorops*, 40
Spixii, *Cetopsis*, 131
Spixii, *Hypophthalmus*, 333
Spixii, *Loricaria*, 270
spixii, *Pimelodus*, 40
splendens, *Brochis*, 125
splendens, *Callichthys*, 125
splendens, *Corydoras*, 125
splendens, *Hemipsilichthys*, 280
splendens, *Pareiorhaphis*, 280
spodius, *Ictalurus*, 211
spurrellii, *Imparfinis*, 186
spurrellii, *Nannorhamdia*, 185, 186
Squaliforma, 297
Squaliforma annae, 297
Squaliforma biseriata, 297
Squaliforma emarginata, 297
Squaliforma gomesi, 298
Squaliforma horrida, 298
Squaliforma phrixosoma, 298
Squaliforma scopularia, 298
Squaliforma squalina, 298
Squaliforma tenuicauda, 298
Squaliforma tenuis, 298
Squaliforma villarsi, 298
Squaliforma virescens, 298
squalina, *Squaliforma*, 298
squalinum, *Hypostoma*, 298
squalus, *Arius*, 166
stanauli, *Noturus*, 214, 442
stanneus, *Galeichthys*, 49
stannii, *Chaetostoma*, 230
Stannii, *Chaetostomus*, 230
stappersii, *Chrysichthys*, 159
stappersii, *Clarias*, 147
starnesi, *Cetopsis*, 133
stauroforus, *Arius*, 32
stauroforus, *Felichthys*, 32
Stauroglanis, 413
Stauroglanis gouldingi, 413
stawiarski, *Pygidium*, 423
stawiarski, *Trichomycterus*, 423
Stearopterus, 37
Stearopterus bagre, 37
steerei, *Taenionema*, 330, 331
Stegelichii, *Pimelodus*, 200
Stegophilina, 403
Stegophilus, 403, 414
Stegophilus insidiosus, 414
Stegophilus intermedius, 405
Stegophilus macrops, 406
Stegophilus maculatus, 410
Stegophilus nemurus, 412
Stegophilus panzeri, 414
Stegophilus passarellii, 406
Stegophilus punctatus, 406
Stegophilus Reinhardtii, 410
Stegophilus septentrionalis, 414
steinbachi, *Ixinandria*, 263
Steinbachi, *Loricaria*, 263
steindachneri, *Cathorops*, 40, 48
Steindachneri, *Centromochlus*, 73
steindachneri, *Corydoras*, 125
steindachneri, *Glyptosternum*, 393
steindachneri, *Glyptothorax*, 393
steindachneri, *Hemipsilichthys*, 280
steindachneri, *Hypoptopoma*, 250
steindachneri, *Loricaria*, 295
Steindachneri, *Oxydoras*, 179
steindachneri, *Opsodoras*, 169
steindachneri, *Pareiorhaphis*, 280
steindachneri, *Parotocinclus*, 283
steindachneri, *Pimelodella*, 195
steindachneri, *Rineloricaria*, 295
steindachneri, *Schilbe*, 364
steindachneri, *Synodontis*, 321
steindachneri, *Tachysurus*, 40
steindachneri, *Trachydoras*, 169
Steindachneria, 343
Steindachneria amblyurus, 343
Steindachneria doceana, 343
Steindachneria scripta, 344
Steindachneria scripta punctata, 344
Steindachneridion, 343
Steindachneridion amblyurum, 343
Steindachneridion doceana, 343

- Steindachneridion iheringi*, 343
Steindachneridion melanodermatum, 343
Steindachneridion parahybae, 344
Steindachneridion punctatum, 344
Steindachneridion scriptum, 344
Steindachneridion silvasantosi, 344
stellatum, Lepthoplosternum, 128
stellatum, Pygidium, 424
stellatus, Nanobagrus, 98
stellatus, Trichomycterus, 424
stenocephalus, Corydoras, 125
stenocephalus, Osteogeniosus, 51
stenocephalus, Silurus, 432
stenogrammus, Pseudomystus, 104
Stenolicmus, 414
Stenolicmus sarmientoi, 414
stenomus, Bagrus, 103, 104
stenomus, Pseudomystus, 104
stenopeltis, Doras (Oxydoras), 171, 172
stenopeltis, Hemidoras, 172
stenura, Pseudecheneis, 442
stephanus, Pareiorhaphis, 280
sterbai, Corydoras, 125
sternoptychum, Nannoptychopoma, 273
stewardii, Hoplosternum, 128
stewarti, Hemiloricaria, 246
stewarti, Heptapterus, 184
stewarti, Loricaria, 247
sthenocephalus, Osteogeniosus, 51
stiassnyae, Malapterurus, 301
stibaros, Lamontichthys, 264
stictonotus, Imparfinis, 186
stictonotus, Nannorhamdia, 186
stigmaticus, Ancistrus, 224
stigmaturus, Mystus, 85
stigosus, Noturus, 214
stirlingi, Arius, 46
stocki, Glyptothorax, 393
stocki, Lithoxus, 268
Stoličkové, Glyptosternum, 393
stolická, Glyptothorax, 393
stoliczkae, Exostoma, 387
stomias, Hemipsilichthys, 281
stomias, Pareiorhaphis, 280
Stoneiella, 286
Stoneiella leopardus, 286
Stormi, Hemiaris, 45
Stormii, Cephalocassis, 44, 45
stormii, Hemiaris, 45
straminea, Rhamdella, 196
stramineum, Pygidium, 424
straminium, Pygidium, 424
straminus, Trichomycterus, 424
Strephon, 63
striatulus, Auchenipterus (Pseudauchenipterus), 80
striatulus, Trachelyopterus, 80
striatum, Pygidium, 424
Striatus, Glyptosternon, 387, 394
striatus, Glyptothorax, 394
striatus, Trichomycterus, 424
stricticassis, Arius, 50
strigata, Tatia, 78
strigaticeps, Hypostomus, 260
strigaticeps, Plecostomus, 260
strigilata, Loricaria, 295
strigilata, Rineloricaria, 295
strigosa, Rhinelepis, 293
strigosus, Acrochordonichthys, 13
stromeri, Fajumia, 429
stroudi, Gelanoglanis, 74
stroumpoulos, Chaetostoma, 444
stuarti, Glyptosternum, 385
stübeli, Arges, 67
Stübelii, Loricaria, 271
Stübelii, Oxydoras, 175
stuebeli, Astroblepus, 67
stuebelii, Loricariichthys, 271
stuebelii, Opsodoras, 175
sturio, Platystoma, 340
Sturiosoma nigrirostrum, 299
Sturisoma, 298
Sturisoma aureum, 298
Sturisoma barbatum, 299
Sturisoma brevirostre, 299
Sturisoma dariense, 299
Sturisoma festivum, 299
Sturisoma frenatum, 299
Sturisoma guentheri, 299
Sturisoma kneri, 299
Sturisoma lyra, 299
Sturisoma monopelte, 299
Sturisoma nigrirostrum, 299
Sturisoma panamense, 299
Sturisoma robustum, 299
Sturisoma rostratum, 300
Sturisoma tenuirostre, 300
Sturisomatichthys, 300
Sturisomatichthys caquetae, 300
Sturisomatichthys citurensis, 300
Sturisomatichthys leightoni, 300
Sturisomatichthys tamanae, 300
styani, Liobagrus, 20
stygaea, Rhamdia guatemalensis, 202
Stygogenes, 63
Stygogenes guentheri, 64
Stygogenes humboldtii, 64
Suarezzi, Incaichthys, 30
subcarinatus, Hypostomus, 260
submarginatus, Clarias, 147
submarginatus, Loricaria, 246
submarginatus thysvillensis, Clarias (Allabenchelys), 141
subrostratus, Arius, 35
subteres, Kronichthys, 263
subviridis, Hemiancistrus, 244
suchus, Bagarius, 383
sufii, Glyptothorax, 394
sufii, Glyptothorax telchitta, 394
sugubii, Liobagrus, 20
sulcata, Pseudecheneis, 400
sulcatoides, Pseudecheneis, 400
sulcatus, Callichthys, 129
sulcatus, Clarias, 147
sulcatus, Glyptosternon, 400
sumatranus, Arius, 36
sumatranus, Bagrus, 36
Sundagagata, 387
Sundagagata robusta, 387, 392
sundaicus, Hexanemataichthys, 45
sundanensis, Hemipimelodus, 56
Superglyptothorax, 388
suppaetula, Pseudecheneis, 442
supramollis, Astroblepus, 67
surinamensis, Chasmocranus, 183
surinamensis, Corydoras, 126
surinamensis, Corydoras schwartzi, 126
surinamensis, Harttia, 242
surinamensis, Heptapterus, 183
surinamensis, Hexanemataichthys, 33
surinamensis, Hoplosternum thoracatum, 129
surinamensis, Hypostomus, 260
surinamensis, Lithoxus, 268
surinamensis, Lithoxus (Paralithoxus), 268
sutchi, Pangasius, 325
suttoni, Panaque, 278
suttonorum, Panaque, 278
swierstrai, Chiloglanis, 308
syehri, Corydoras, 126
sykesi, Glyptosternum, 394
sykesi, Glyptothorax, 394
sykesii, Gogrius, 105
Sykesii, Schillee, 362
Sykesii, Silundia, 366
sympelvetica, Pseudecheneis, 401
sympelvicus, Pseudecheneis, 401
sympterygium, Heptapterus, 184
Synechoglanis, 207
Synechoglanis Beadlei, 207, 210
synodon, Arius, 166
Synodontes, 311
Synodontini, 303
Synodontis, 303, 311
Synodontis acanthomias, 311
Synodontis acanthoperca, 441
Synodontis afrofisheri, 311
Synodontis Afro-fischeri, 311
Synodontis alberti, 311
Synodontis albolineata, 311
Synodontis albolineatus, 311
Synodontis angelica, 311

- Synodontis angelicus*, 311
Synodontis angelicus var. *zonatus*, 311
Synodontis angelicus *zonatus*, 311
Synodontis annectens, 312
Synodontis ansorgii, 312
Synodontis arabi, 321
Synodontis arnaulti, 312
Synodontis aterrima, 312
Synodontis aterrimus, 312
Synodontis augierasi, 314
Synodontis bastiani, 312
Synodontis batensoda, 304
Synodontis batesi longispinis, 316
Synodontis batesi var. *longispinis*, 316
Synodontis batesii, 312
Synodontis brichardi, 312
Synodontis budgetti, 312
Synodontis camelopardalis, 312
Synodontis caudalis, 312
Synodontis caudovittata, 312
Synodontis caudovittatus, 313
Synodontis centralis, 313
Synodontis citernii, 314
Synodontis clarias, 313, 320
Synodontis colyeri, 318
Synodontis comoensis, 313
Synodontis congica, 313
Synodontis congicus, 313
Synodontis contracta, 313
Synodontis contractus, 313
Synodontis courteti, 313
Synodontis cuangoana, 313
Synodontis cuangoanus, 313
Synodontis dageti, 312
Synodontis davidi, 313
Synodontis decora, 314
Synodontis decorus, 314
Synodontis dekimpei, 314
Synodontis depauwi, 314
Synodontis dhonti, 314
Synodontis dorsomaculata, 314
Synodontis dorsomaculatus, 314
Synodontis eburneensis, 312
Synodontis euptera, 314
Synodontis eupterus, 314
Synodontis eurystomus, 305, 319
Synodontis fascipinna, 314
Synodontis filamentosa, 314
Synodontis filamentosus, 314
Synodontis flavitaeniata, 314
Synodontis flavitaeniatus, 314
Synodontis frontosa, 314
Synodontis frontosus, 314
Synodontis fuelleborni, 315
Synodontis galinae, 323
Synodontis gambiensis, 315
Synodontis gambiensis *latifrons*, 315
Synodontis geledeensis, 315
Synodontis gobroni, 315
Synodontis grandioops, 445
Synodontis granulosa, 315
Synodontis granulosus, 315
Synodontis greshoffi, 315
Synodontis guentheri, 309
Synodontis guttata, 315
Synodontis guttatus, 315
Synodontis haugi, 315
Synodontis Hollyi, 323
Synodontis Hollyi *ntemensis*, 322
Synodontis holopercnus, 315
Synodontis humeratus, 321
Synodontis ilebrevis, 445
Synodontis irsacae, 314
Synodontis ituriensis, 315
Synodontis iturii, 315
Synodontis jallae, 316
Synodontis katangae, 315
Synodontis khartoumensis, 316
Synodontis koensis, 316
Synodontis labeo, 323
Synodontis lacustricolus, 322
Synodontis laessoei, 316
Synodontis leopardina, 316
Synodontis leopardinus, 316
Synodontis leoparda, 316
Synodontis leopardus, 316
Synodontis levequei, 316
Synodontis longirostris, 316
Synodontis longispinis, 316
Synodontis loppei, 318
Synodontis lucipinnis, 445
Synodontis lufirae, 316
Synodontis macrepipterus, 314
Synodontis macrodon, 313
Synodontis macrophthalma, 316
Synodontis macrophthalmus, 316
Synodontis macrops, 316
Synodontis macrostigma, 317
Synodontis macrostoma, 317
Synodontis maculatus, 318
Synodontis maculipinna, 320
Synodontis maculosus, 311, 318, 321
Synodontis manni, 317
Synodontis marmorata, 317
Synodontis marmoratus, 317
Synodontis marmoratus *truncatus*, 317
Synodontis matthesi, 317
Synodontis melanoptera, 317
Synodontis melanopterus, 317
Synodontis melanostictus, 318
Synodontis melanostictus *iturii*, 315
Synodontis melanostictus var. *iturii*, 315
Synodontis multimaculata, 317
Synodontis multimaculatus, 317
Synodontis multipunctata, 317
Synodontis multipunctatus, 317
Synodontis nebulosa, 317
Synodontis nebulosus, 317
Synodontis nigrita, 317
Synodontis nigriventris, 318
Synodontis nigromaculata, 318
Synodontis nigromaculatus, 318
Synodontis njassae, 318
Synodontis notata, 318
Synodontis notatus, 318
Synodontis notatus *binotata*, 318
Synodontis notatus *ocellatus*, 318
Synodontis notatus var. *binotata*, 318
Synodontis notatus var. *ocellatus*, 318
Synodontis nummifer, 318
Synodontis obesus, 318, 323
Synodontis ocellifer, 318
Synodontis omias, 319
Synodontis ornatipinnis, 319
Synodontis ornaticissima, 319
Synodontis ornaticissimus, 319
Synodontis ornatus, 317, 319
Synodontis ovidius, 316
Synodontis pantherinus, 315
Synodontis pardalis, 319
Synodontis petricola, 319
Synodontis pfefferi, 311
Synodontis pleurops, 319
Synodontis polli, 319
Synodontis polyodon, 319
Synodontis polystigma, 319
Synodontis pulcher, 319
Synodontis punctifer, 319
Synodontis punctulata, 320
Synodontis punctulatus, 320
Synodontis rebeli, 320, 323
Synodontis resupinata, 320
Synodontis resupinatus, 320
Synodontis ricardoeae, 320
Synodontis robbianus, 320
Synodontis robertsi, 320
Synodontis ruandae, 320
Synodontis rufigiensis, 320
Synodontis rukwaensis, 320
Synodontis schall, 315, 320
Synodontis schoutedeni, 321
Synodontis serpentis, 321
Synodontis serrata, 321
Synodontis serratus, 311, 321
Synodontis serratus *tanganicae*, 322
Synodontis smithii, 321
Synodontis smiti, 321
Synodontis soloni, 321
Synodontis sores, 321
Synodontis steindachneri, 321
Synodontis tanganicae, 321
Synodontis tanganyicae, 322
Synodontis tenuis, 321
Synodontis tessmanni, 322
Synodontis thamalakanensis, 322
Synodontis tholloni, 311

Synodontis thomasi, 313
Synodontis thysi, 322
Synodontis tourei, 322
Synodontis unicolor, 322
Synodontis vaillanti, 323
Synodontis vanderwaali, 322
Synodontis velifer, 322
Synodontis vermiculata, 322
Synodontis vermiculatus, 322
Synodontis victoriae, 322
Synodontis violacea, 322
Synodontis violaceus, 322
Synodontis vittatus, 314
Synodontis voltae, 323
Synodontis wamiensis, 320
Synodontis waterloti, 323
Synodontis werneri, 311
Synodontis woosnami, 323
Synodontis xiphias, 323
Synodontis zambesensis, 323
Synodontis zambezensis, 323
Synodontis zambezensis rukwaensis, 320
Synodontis zanzibarica, 323
Synodontis zanzibaricus, 316, 320, 323
synodontis, *Pimelodus*, 313
Syriacus, *Clarias*, 143

T

taakree, *Hypophthalmus*, 362
taakree, *Proeutropiichthys*, 362
taakree burmanicus,
Proeutropiichthys, 362
tachiraense, *Chaetostoma*, 230
tachiraensis, *Chaetostoma*, 230
Tachysurus agassizii, 39
Tachysurus gulosus, 40
Tachysurus jordani, 33
Tachysurus lentiginosus, 33
Tachysurus longicephalus, 39
Tachysurus longicephalus, 39
Tachysurus upsulonophorus, 44
tachysurus, *Pimelodus*, 431
Tachysurus, 48, 431
Tachysurus (Pararius) berneyi, 47
Tachysurus (Pararius) godfreyi, 45
Tachysurus atroplumbeus, 32
Tachysurus broadbenti, 51
Tachysurus crassus, 434, 435
Tachysurus emmelane, 40
Tachysurus equatorialis, 40
Tachysurus evermanni, 40
Tachysurus landanensis, 57
Tachysurus liropus, 41
Tachysurus machadoi, 44
Tachysurus oblongus, 435
Tachysurus planus, 434, 435
Tachysurus sinensis, 431
Tachysurus steindachneri, 40
taczanowskii, *Arges*, 67

taczanowskii, *Astroblepus*, 67
taczanowskii, *Chaetostoma*, 231
Taczanowskii, *Chaetostomus*, 231
taczanowskii Trichomycterus, 424
taenia, *Trichomycterus*, 407, 424
taenia transandianum, *Pygidium*, 424
taeniatus, *Macrones (Liocassis)*, 102
taeniatus, *Plecostomus*, 255
taeniatus, *Pseudobagrus*, 102
taeniatus, *Trachelyopterichthys*, 78
taeniatus, *Trachelyopterus*, 78
Taenionema, 330
Taenionema steerei, 330, 331
taeniophora, *Pimelodella*, 195
taeniophorus, *Pimelodus (Pimelodella)*, 195
taeniops, *Trichomycterus*, 424
taenioptera, *Pimelodella*, 195
taeniura, *Pangasius*, 326
taimensis, *Hisonotus*, 249
taimensis, *Microlepidogaster*, 249
taiosh, *Callichthys*, 125
taiwanensis, *Pseudobagrus*, 102
tamanae, *Oxyloricaria*, 300
tamanae, *Sturisomatichthys*, 300
tamboensis, *Ancistrus*, 224
tamoata, *Callichthys*, 111
Tandanus, 351
Tandanus bostocki, 352
Tandanus coatasi, 348
Tandanus tandanus, 352
tandanus, *Tandanus*, 352
tanensis, *Physalia somalensis*, 360
tanganaicae, *Synodontis*, 321
tanganaicae, *Synodontis serratus*, 322
tanganicanus, *Auchenoglanis occidentalis*, 154
Tanganikallabes, 152
Tanganikallabes mortiauxi, 152
tanganyicae, *Synodontis*, 322
tanganyikaensis, *Malapterurus*, 302
tanoensis, *Malapterurus*, 302
tapanahoniensis, *Heptapterus*, 184
tapanahoniensis, *Hypostomus*, 260
tapanahoniensis, *Hypostomus gymnorhynchus*, 261
tapatapae, *Pimelodella*, 195
tapeinopterus, *Encheloclaris*, 150
tapeinopterus, *Heterobranchus*, 149, 150
taphorni, *Cochliodon*, 261
taphorni, *Farlowella*, 239
taphorni, *Hypostomus*, 261
taphrophilus, *Hemibagrus*, 108
tapijara, *Hypostomus*, 261
tapirape, *Otocinclus*, 275
tarabinii, *Pardiglanis*, 163
taroba, *Trichomycterus*, 424
Tatia, 77

Tatia aulopygia, 77
Tatia boemia, 77
Tatia brunnea, 77
Tatia concolor, 73
Tatia creutzbergi, 77
Tatia dunnii, 77
Tatia galaxias, 77
Tatia gyrina, 77
Tatia intermedia, 77
Tatia musaica, 77
Tatia neivai, 77
Tatia perugiae, 73
Tatia punctata, 73
Tatia reticulata, 73
Tatia romani, 73
Tatia simplex, 78
Tatia strigata, 78
taunayi, *Ancistrus*, 224
Taunayia, 203
Taunayia bifasciata, 203
Taunayia marginata, 203
taurus, *Aspidoras*, 110
taxistigma, *Henonemus*, 406
taxistigma, *Ochmacanthus*, 405, 406
taylori, *Arius*, 40, 48
taylori, *Hemipimelodus*, 48
taylori, *Neoarius*, 48
taylori, *Noturus*, 214
taytayensis, *Hito*, 375, 377
taytayensis, *Hitoichthys*, 375, 377
taytayensis, *Pterocryptis*, 377
tchadiensis, *Auchenoglanis occidentalis*, 154
tchangi, *Pseudecheneis*, 401
teaguei, *Parabranchioica*, 410, 411
teaguei, *Trachelyopterus*, 80
teaguei, *Trachycorystes*, 80
tectirostris, *Chaetostomus*, 221
teffeana, *Hemiloricaria*, 247
teffeana, *Loricaria*, 247
teffeanus, *Rhinodoras*, 176
teijsmanni, *Clarias*, 147
telchita, *Pimelodus*, 394
telchitta, *Glyptothorax*, 394
telchitta, *Pimelodus*, 394
telchitta sufii, *Glyptothorax*, 394
temminckianus, *Bagrus*, 55
temminckii, *Ancistrus*, 224
Temminckii, *Bagrus*, 55
Temminckii, *Hypostomus*, 224
tenebricosa, *Pseudolaguvia*, 402
tenebricosa, *Leiocassis*, 443
tenebrosa, *Phenacorhamdia*, 189
tenebrosus, *Imparfinis*, 189
tenella, *Rhamdia*, 199
tengana, *Batasio*, 86, 442
tengana, *Pimelodus*, 86
tengara, *Mystus*, 97, 98
tengara, *Pimelodus*, 97

- tenuis*, *Otolithus* (*Arius*), 435
tentaculatus, *Lasiancistrus*, 265
tenuis, *Pygidium*, 424
tenuicauda, *Paraphractura*, 26, 27
tenuicauda, *Phractura*, 27
tenuicauda, *Plecostomus*, 298
tenuicauda, *Squaliforma*, 298
tenuifurcatus, *Leiocassis*, 93
tenuirostre, *Sturisoma*, 300
tenuirostris, *Oxyloricaria*, 300
tenuis, *Belonoglanis*, 24
tenuis, *Clarias*, 148
tenuis, *Heptapterus*, 184
tenuis, *Hypostomus*, 298
tenuis, *Macrones* (*Pseudobagrus*), 103
tenuis, *Otolithus* (*Arius*), 435
tenuis, *Pseudobagrus*, 102
tenuis, *Squaliforma*, 298
tenuis, *Synodontis*, 321
tenuis, *Trichomycterus*, 424
tenuispinis, *Amblyceps*, 18
tenuispinis, *Arius*, 52, 56
tenuispinis, *Plicofollis*, 52
ternetzi, *Hypostomus*, 261
ternetzi, *Opsodoras*, 175
ternetzi, *Plecostomus*, 261
ternetzi, *Typhlobelus*, 426, 427
tessmanni, *Synodontis*, 322
Tetracamphilius, 27
Tetracamphilius angustifrons, 27
Tetracamphilius clandestinus, 27
Tetracamphilius notatus, 27
Tetracamphilius pectinatus, 27
tetranema, *Bathymbagrus*, 154, 155
tetranema, *Pseudolais*, 328
Tetranematichthys, 78
Tetranematichthys quadrifilis, 78
Tetranematichthys wallacei, 444
Tetranesodon, 42
Tetranesodon conorhynchus, 42
tetraradiata, *Listrura*, 408
teugelsi, *Chrysichthys*, 159
teugelsi, *Clariallabes*, 138
teugelsi, *Malapterurus*, 302
teugelsi, *Paramphilius*, 25
thalassina, *Netuma*, 49
thalassina jacksonensis, *Netuma*, 49
thalassinus, *Bagrus*, 49
thamalakanensis, *Synodontis*, 322
theobaldi, *Chrysichthys*, 105
theodora, *Clarias*, 139, 147
theresia, *Arges*, 67
theresia, *Astroblepus*, 67
therezinae, *Ageneiosus*
 (*Pseudogeneiosus*), 69
thienemanni, *Clarias*, 148
tholloni, *Synodontis*, 311
thomasi, *Chrysichthys delhezi*, 156
thomasi, *Notoglanidium*, 162
thomasi, *Synodontis*, 313
thomersoni, *Rhinodoras*, 178
thomsoni, *Chaetostoma*, 231
thomsoni, *Chaetostomus*, 231
thonneri, *Chrysichthys*, 159
thoracata, *Megalechis*, 129
thoracatum, *Hypoptopoma*, 249, 250
thoracatum cayennae, *Hoplosternum*,
 128
thoracatum surinamensis,
Hoplosternum, 129
thoracatus, *Auchenipterichthys*, 71
thoracatus, *Auchenipterus*, 71
thoracatus, *Callichthys*, 129
thoracicus, *Auchenipterus*, 71
thorectes, *Pseudohemiodon*, 288
Thrichomycterus, 404
Thrichomycterus macraei, 405
thrissoceps, *Loricaria*, 295
thrissoceps, *Rineloricaria*, 295
thunberg, *Pimelodus*, 35
thunbergianus, *Plotosus*, 350
Thysanocara, 219
thysi, *Chrysichthys*, 159
thysi, *Doumea*, 25
thysi, *Malapterurus*, 301
thysi, *Synodontis*, 322
thysvillensis, *Clarias* (*Allabenchelys*)
submarginatus, 141
tianquanensis, *Pareuchiloglanis*, 400
tibicen, *Aspredinichthys*, 58
tibicen, *Aspredo*, 57, 58
tietensis, *Hypostomus*, 261
tietensis, *Otocinclus*
 (*Microlepidogaster*), 290
tietensis, *Plecostomus*, 261
tietensis, *Pseudotocinclus*, 290
tigrinum, *Brachyplatystoma*, 331
tigrinum, *Pseudoplatystoma*, 341
tigrinus, *Batasio*, 86
tigrinus, *Merodontotus*, 330, 331
tigrinus, *Trichomycterus*, 415
tigris, *Lasiancistrus*, 288, 289
tigris, *Pseudolithoxus*, 289
tihoni, *Gymnallabes*, 152
tihoni, *Platyallabes*, 152
tilhoi, *Gephyroglanis*, 155
tiong, *Glyptosternum*, 395
tiraquae, *Pygidium*, 423
titcombi, *Hatcheria*, 405
tocantinensis, *Corumbataia*, 232
tocantinsensis, *Aguarunichthys*, 329
tocantinsi, *Tridentopsis*, 426
Tocantinsia, 78
Tocantinsia depressa, 78
Tocantinsia piresi, 78
tokiensis, *Pseudobagrus*, 103
tombador, *Ancistrus*, 225
tonggol, *Ariodes*, 52
tonggol, *Arius*, 52
tonggol, *Plicofollis*, 52
topavae, *Hypostomus*, 261
topavae, *Plecostomus*, 261
torbesensis, *Cordylancistrus*, 232
torbesensis, *Pseudancistrus*, 231, 232
tordilho, *Lepthoplosternum*, 129
torobo, *Oloplotosus*, 349
torosilabris, *Liocassis*, 108
torosus, *Aguarunichthys*, 329
Torpedo, 301
torrenticola, *Harttia*, 242
torrentis, *Pterocryptis*, 377
torrentis, *Silurus*, 377
tortosus, *Sisor*, 402
totae, *Pygidium*, 412
totae, *Rhizosomichthys*, 412
tourei, *Synodontis*, 322
trachacanthus, *Bagrus*, 89
Trachelyichthys, 78
Trachelyichthys decaradiatus, 78
Trachelyichthys exilis, 78
Trachelyopterichthys, 78
Trachelyopterichthys anduzei, 78
Trachelyopterichthys taeniatus, 78
Trachelyopterini, 68
Trachelyopterus, 68, 79
Trachelyopterus albicrux, 79
Trachelyopterus amblops, 79
Trachelyopterus ceratophysus, 79
Trachelyopterus coriaceus, 79
Trachelyopterus coriaceus maculosus,
 79
Trachelyopterus fisheri, 79
Trachelyopterus galeatus, 79
Trachelyopterus insignis, 79
Trachelyopterus lacustris, 79
Trachelyopterus leopardinus, 80
Trachelyopterus lucenai, 80
Trachelyopterus peloichthys, 80
Trachelyopterus striatulus, 80
Trachelyopterus taeniatus, 78
Trachelyopterus teaguei, 80
trachipomus, *Bagrus*, 55
Trachycorystes, 80
Trachycorystes albicrux, 79
Trachycorystes analis, 80
Trachycorystes coracoideus, 71
Trachycorystes cratensis, 80
Trachycorystes fisheri, 79
Trachycorystes insignis badeli, 80
Trachycorystes insignis peloichthys, 80
Trachycorystes jokeannae, 80
Trachycorystes leopardinus, 80
Trachycorystes magdalenae, 79
Trachycorystes porosus, 81
Trachycorystes teaguei, 80
Trachycorystes trachycorystes, 80
Trachycorystes typus, 81

- trachycorystes*, *Auchenipterus*, 80
trachycorystes, *Trachycorystes*, 80
Trachydoras, 179
Trachydoras atripes, 179
Trachydoras brevis, 179
Trachydoras microstomus, 179
Trachydoras nattereri, 179
Trachydoras paraguayensis, 179
Trachydoras steindachneri, 179
Trachyglanis, 28
Trachyglanis ineac, 28
Trachyglanis intermedius, 28
Trachyglanis minutus, 28
Trachyglanis sanghensis, 28
Trachymochlus, 431
Trachymochlus cupido, 431, 432
trachyparia, *Oxydoras*, 179
Trachypoma, 404
Trachypoma marmoratum, 404
transandianum, *Pygidium taenia*, 424
transandianus, *Trichomycterus*, 424
transfasciatus, *Rhamdioglanis*, 202
transitoria, *Pimelodella*, 195
transmontanus, *Batrochoglanis*, 353
transmontanus, *Pseudopimelodus*, 353
transvaaliensis, *Amphilius*, 23
trautmani, *Noturus*, 214
travancoria, *Batasio*, 86
travassosi, *Otothyris*, 276
travassosi, *Pygidium*, 414
trefauti, *Trichomycterus*, 425
treitlii, *Corydoras*, 126
trewavasae, *Glyptothorax*, 394
Trewavasia, 433
Trewavasia carinata, 433
triacanthopomus, *Henonemus*, 440
triactis, *Leporacanthicus*, 266
Trichogenes, 403, 414
Trichogenes longipinnis, 414
Trichogeninae, 403
Trichomycteridae, 403
Trichomycterini, 403
trichomycteroides, *Paramphilius*, 25
Trichomycterus, 403, 413
Trichomycterus aguarague, 441
Trichomycterus albinotatus, 414
Trichomycterus alternatus, 414
Trichomycterus alterus, 415
Trichomycterus amazonicus, 406
Trichomycterus areolatus, 415
Trichomycterus arleoi, 415
Trichomycterus auroguttatus, 415
Trichomycterus bahianus, 415
Trichomycterus banneai, 415
Trichomycterus barbatula, 422
Trichomycterus barbouri, 415
Trichomycterus belensis, 415
Trichomycterus bogotensis, 415
Trichomycterus bomboizanus, 416
Trichomycterus borellii, 416
Trichomycterus boylei, 416
Trichomycterus brasiliensis, 416
Trichomycterus brasiliensis itatiayae, 419
Trichomycterus brasiliensis tristis, 416
Trichomycterus caliensis, 416
Trichomycterus candidus, 416
Trichomycterus castroi, 416
Trichomycterus catamarcensis, 416
Trichomycterus caudofasciatus, 416
Trichomycterus celsae, 416
Trichomycterus chaberti, 417
Trichomycterus chapmani, 417
Trichomycterus chiltoni, 417
Trichomycterus chungaraensis, 417
Trichomycterus concolor, 417
Trichomycterus conradi, 417
Trichomycterus corduvenis, 417
Trichomycterus cubataonis, 425
Trichomycterus davisii, 417
Trichomycterus diabolus, 417
Trichomycterus dispar, 417
Trichomycterus dorsotriatus, 417
Trichomycterus duellmani, 418
Trichomycterus eichorniarum, 407
Trichomycterus eigenmanni, 423
Trichomycterus emanueli, 418
Trichomycterus fassli, 418
Trichomycterus gabrieli, 418
Trichomycterus giganteus, 418
Trichomycterus goeldii, 418
Trichomycterus gorgona, 418
Trichomycterus gracilis, 422
Trichomycterus guaraquessaba, 418
Trichomycterus guianensis, 418
Trichomycterus hasemani, 418
Trichomycterus herberti, 407
Trichomycterus heterodontus, 418
Trichomycterus iheringi, 419
Trichomycterus immaculatus, 419
Trichomycterus incae, 423
Trichomycterus inermis, 324
Trichomycterus itacambirussu, 419
Trichomycterus itacarambiensis, 419
Trichomycterus itatiayae, 419
Trichomycterus jacupiranga, 419
Trichomycterus jequitinhonhae, 419
Trichomycterus johnsoni, 419
Trichomycterus knerii, 419
Trichomycterus landinga, 419
Trichomycterus laticeps, 407
Trichomycterus latidens, 419
Trichomycterus latistriatus, 420
Trichomycterus laucaensis, 420
Trichomycterus lewi, 420
Trichomycterus longibarbatu, 420
Trichomycterus maculatus, 415
Trichomycterus maracaiboensis, 420
Trichomycterus marmoratus, 415
Trichomycterus mboycei, 420
Trichomycterus mendozensis, 413
Trichomycterus meridae, 420
Trichomycterus migrans, 420
Trichomycterus mimonha, 420
Trichomycterus minutus, 413
Trichomycterus mirissumba, 420
Trichomycterus mondolfi, 421
Trichomycterus motatanensis, 421
Trichomycterus naipi, 421
Trichomycterus nigricans, 414, 421
Trichomycterus nigromaculatus, 421
Trichomycterus palleus, 415
Trichomycterus pantherinus, 421
Trichomycterus paolencis, 421
Trichomycterus papilliferus, 421
Trichomycterus paquequerensis, 421
Trichomycterus pardus, 423
Trichomycterus pauciradiatus, 440
Trichomycterus pentlandi, 423
Trichomycterus pictus, 423
Trichomycterus piurae, 421
Trichomycterus plumbeus, 421
Trichomycterus poeyanus, 423
Trichomycterus potschi, 421
Trichomycterus pradensis, 422
Trichomycterus proöps, 408
Trichomycterus pseudosilvichthys, 422
Trichomycterus punctatissimus, 422
Trichomycterus punctulatus, 422
Trichomycterus pusillus, 411
Trichomycterus ramosus, 422
Trichomycterus regani, 422
Trichomycterus reinhardtii, 422
Trichomycterus retropinnis, 422
Trichomycterus riojanus, 422
Trichomycterus rivulatus, 422
Trichomycterus roigi, 423
Trichomycterus romeroi, 423
Trichomycterus santaeritae, 423
Trichomycterus spagazzinii, 423
Trichomycterus spelaesus, 423
Trichomycterus spilosoma, 423
Trichomycterus stawiarski, 423
Trichomycterus stellatus, 424
Trichomycterus stramineus, 424
Trichomycterus striatus, 424
Trichomycterus taczanowskii, 424
Trichomycterus taenia, 407, 424
Trichomycterus taeniops, 424
Trichomycterus taroba, 424
Trichomycterus tenuis, 424
Trichomycterus tigrinus, 415
Trichomycterus transandianus, 424
Trichomycterus trefauti, 425
Trichomycterus triguttatus, 425
Trichomycterus tupinamba, 425

- Trichomycterus unicolor*, 425
Trichomycterus variegatus, 425
Trichomycterus venulosus, 425
Trichomycterus vermiculatus, 425
Trichomycterus vittatus, 425
Trichomycterus weyrauchi, 425
Trichomycterus yuska, 425
Trichomycterus zonatus, 425
tricornis, *Hopliancistrus*, 249
Tridens, 403, 426
Tridens brevis, 426
Tridens melanops, 426
Tridensimilis, 426
Tridensimilis brevis, 426
Tridensimilis venezuelae, 426
Tridentinae, 403
Tridentopsis, 426
Tridentopsis cahuali, 426
Tridentopsis pearsoni, 426
Tridentopsis tocantinsi, 426
trifasciatum, *Cyclopium*, 67
trifasciatus, *Astroblepus*, 67
trifasciatus, *Pachypterus*, 359
trigonocephalus, *Sorubim*, 342
triguttatum, *Pygidium*, 425
triguttatus, *Trichomycterus*, 425
trilineatoides, *Glyptothorax*, 394
trilineatus, *Corydoras*, 126
trilineatus, *Glyptothorax*, 394
trilineatus, *Leiocassis*, 103
trilineatus, *Pseudobagrus*, 103
trilobatus, *Chiloglanis*, 308
trimaculatus, *Leptodoras*, 174
trimaculatus, *Nemadoras*, 174
trimaculatus, *Opsodoras*, 174
trimaculatus, *Oxydoras*, 174
trinitatis, *Ancistrus*, 225
trinitatis, *Chaetostomus*, 225
trioctegus, *Silurus*, 380
triradiatus, *Ancistrus*, 225
triradiatus martini, *Ancistrus*, 223
triseriatus, *Corydoras nattereri*, 121
tristis, *Trichomycterus brasiliensis*, 416
troelli, *Claibornichthys*, 434, 435
Trogloglanis, 216
Trogloglanis pattersoni, 216
trombetensis, *Harttia*, 242
troshelii, *Sciades*, 53, 54
truncatorostris, *Chasmocranus*, 183
truncatum, *Platystoma*, 341
truncatus, *Amblydoras*, 168
truncatus, *Arius*, 43
truncatus, *Belodontichthys*, 368
truncatus, *Cryptarius*, 43
truncatus, *Liocassis*, 103
truncatus, *Pseudobagrus*, 103
truncatus, *Synodontis marmoratus*, 317
tsanensis, *Clarias*, 143
tubbi, *Pangasius*, 328
tucumanensis, *Loricaria*, 269
tukano, *Corydoras*, 126
tumbanus, *Eutropius*, 365
tumbanus, *Schilbe*, 365
tupinamba, *Trichomycterus*, 425
tuyra, *Arius*, 40
tuyra, *Cathorops*, 40
tuyrensis, *Dasylicaria*, 234
tuyrensis, *Loricaria*, 234
tweediei, *Wallagonia*, 381
Tympanopleura, 68
Tympanopleura alta, 69
Tympanopleura nigricollis, 68
Tympanopleura piperata, 68, 70
typhla, *Rhamdia laticauda*, 198
Typhlobagrus, 189
Typhlobagrus kronei, 189, 192
Typhlobelus, 426
Typhlobelus guacamaya, 426
Typhlobelus lundbergi, 426
Typhlobelus macromycterus, 426
Typhlobelus ternetzi, 426
typica, *Doumea*, 24, 25
typus, *Gagata*, 386
typus, *Gymnallabes*, 159
typus, *Helicophagus*, 324, 325
typus, *Ketengus*, 45
typus, *Micronema*, 375
typus, *Parahemiodon*, 269, 270
typus, *Phyllonemus*, 164
typus, *Pinirampus*, 339
typus, *Rhinoglanis*, 310, 311
typus, *Trachycorystes*, 81
typus heterocercalis, *Gymnallabes*, 150
- U**
uatumensis, *Harttia*, 242
ubangensis *Auchenoglanis*, 162
ubangensis, *Bagrus*, 84
ubidiai, *Astroblepus*, 67
ubidiai, *Cyclopium*, 67
ucamara, *Lepthoplosternum*, 129
ucayalensis, *Ageneiosus*, 70
ucayalensis, *Hemiancistrus*, 283, 285
ucayalensis, *Hassar*, 171
ucayalensis, *Loricariichthys*, 271
ucayalensis, *Peckoltia*, 285
Uegitglanis, 152
Uegitglanis zammaranoi, 152, 153
uelensis, *Clariallabes*, 138
uelensis, *Clarias* (*Allabenchelys*), 138
umbrosa, *Cetopsis*, 133
unae, *Hypostomus*, 261
Unae, *Plecostomus*, 261
uncinatus, *Arius*, 36
undecimalis, *Chaetostomus*, 292
undecimalis, *Pterygoplichthys*, 292
undecimalis, *Silurus*, 431
underwoodi, *Rhamdia*, 198
undulatus, *Corydoras*, 126
unicolor, *Aphanotorulus*, 225
unicolor, *Plecostomus*, 225
unicolor, *Plotosus*, 350, 352
unicolor, *Pygidium*, 425
unicolor, *Synodontis*, 322
unicolor, *Trichomycterus*, 425
unidorsalis, *Helogenes*, 134
unifasciata, *Phenacorhamdia*, 189
unifasciatum, *Cyclopium*, 67
unifasciatus, *Astroblepus*, 67
uniformis, *Amphilius baudoni*, 21
uniformis, *Chrysichthys*, 159
unitius, *Silurus*, 350
upiensis, *Pangasius pangasius*, 327
Upsilonodus, 247
Upsilonodus victori, 247
upsulonophorus, *Tachisurus*, 44
uracantha, *Loricaria*, 240
uracantha, *Rineloricaria*, 240
uracantha rupestre, *Loricaria*, 240
uracanthus, *Fonchiichthys*, 240
uranoscopus, *Amphilius*, 23
uranoscopus, *Anoplopterus*, 21, 23
uranoscopus, *Doras*, 173, 174
uranoscopus, *Megalodoras*, 174
uranoscopus, *Schilbe*, 362, 365
urbaini, *Cryptopterus*, 373
urbaini, *Ompok*, 373
urichi, *Caecorhamdia*, 197, 202
Urinophilus, 427
Urinophilus diabolicus, 411
Urinophilus erythrurus, 427
urostigma, *Bagrus*, 84
urostriatum, *Decapogon*, 127
urostriatum, *Dianema*, 127
urotriatum, *Decapogon*, 127
urua, *Pimelodus*, 359
uruguayensis, *Ageneiosus*, 70
uruguayensis, *Hypostomus*, 261
uruyensis, *Helogenes*, 134
uruyensis, *Helogenes marmoratus*, 134
ussuriensis, *Bagrus*, 92, 100
ussuriensis, *Leiocassis*, 101
ussuriensis, *Pelteobagrus*, 100
ussuriensis, *Pseudobagrus*, 101
utarus, *Arius*, 48
utarus, *Neoarius*, 48
utik, *Arius*, 35
- V**
vacha, *Eutropichthys*, 358
vacha, *Pimelodus*, 358
vachellii, *Bagrus*, 101
vachellii, *Pelteobagrus*, 101
vagum, *Chaetostoma*, 231
vagus, *Chaetostomus*, 231
vallanti, *Arges*, 67
vallanti, *Astroblepus*, 67

- vaillanti**, *Hypostomus*, 261
 vaillanti, *Liocassis*, 105
 Vaillanti, *Plecostomus*, 261
vaillanti, *Pseudomystus*, 105
 vaillanti, *Synodontis*, 323
vaillantii, *Bagrichthys*, 83
 Vaillantii, *Bagroides*, 83
vaillanti, *Brachyplatystoma*, 331
 Vaillanti, *Platystoma*, 330, 331
 vaillantii, *Silurus*, 331
valencia, *Lithogenes*, 267
 valenciennesi, *Ageneiosus*, 69
 valenciennesi, *Osteogeneiosus*, 51
 valenciennesii, *Genidens*, 44
 Valenciennesii, *Loricaria*, 247
valenciennis, *Parapimelodus*, 335
 valenciennis, *Pimelodus*, 335
 valeya, *Wallago attu*, 381
vanceae, *Astroblepus*, 67
 vanceae, *Cyclopium*, 67
 vandeli, *Arius*, 50
Vandellia, 403, 427
 Vandellia Balzanii, 427
Vandellia beccarii, 427
Vandellia cirrhosa, 427
 Vandellia gigantea, 427
 Vandellia hasemani, 411
 Vandellia hematophaga, 410
 Vandellia plazaii, 427
Vandellia sanguinea, 427
 Vandellia wieneri, 411
 Vandelliini, 403
 vandenhoutei, *Clarias*, 144
vanderwaali, *Synodontis*, 322
 vandeweyeri, *Eutropiellus*, 361
 vanigonis, *Otolithus* (*Arius*), 434
 Vannutellii, *Rhinoglanis*, 311
variabilis, *Clariallabes*, 138
variegata, *Crossoloricaria*, 233
 variegata, *Loricaria*, 232, 233
 variegata venezuelae, *Loricaria*, 233
variegatum, *Amblyceps*, 19
 variegatus, *Pimelodus*, 13, 14, 15
variegatus, *Akysis*, 15
 variegatus, *Akysis variegatus*, 14
variegatus, *Hemibagrus*, 91
variegatus, *Microglanis*, 355
variegatus, *Trichomycterus*, 425
variipictus, *Hypostomus*, 261
variipictus, *Neoplecostomus*, 274
 variipictus, *Plecostomus*, 261
varimaculosus, *Hypostomus*, 261
 varimaculosus, *Plecostomus*, 261
 variolosus, *Arius*, 41
 variolosus, *Pseudopimelodus*, 355
variolus, *Ancistrus*, 225
 variolus, *Chaetostomus*, 225
variostictus, *Hypostomus*, 261
 variostictus, *Plecostomus*, 261
 varispinis, *Clarias*, 147
 varius, *Acrochordonichthys*, 13
varius, *Akysis*, 15
 varius, *Liposarcus*, 292
vasquezi, *Chaetostoma*, 231
 vazferreirai, *Homodiaetus*, 406
velatus, *Encheloclarias*, 150
 velifer, *Chrysichthys*, 157, 158
 velifer, *Gephyroglanis*, 157
 velifer, *Pimelodus*, 203
velifer, *Synodontis*, 322
velites, *Aspidoras*, 110
velox, *Hemibagrus*, 91
 velutinus, *Hemipimelodus*, 48
velutinus, *Nearius*, 48
 venaticus, *Bagrus*, 55
venezuelae, *Chaetostoma*, 231
 venezuelae, *Corymbophanes*, 231
venezuelae, *Crossoloricaria*, 233
venezuelae, *Haemomaster*, 405
 venezuelae, *Loricaria variegata*, 233
venezuelae, *Tridensimilis*, 426
 venezuelanus, *Corydoras*, 112
venezuelensis, *Farlowella*, 239
 venezuelensis, *Farlowella acus*, 239
venosus, *Arius*, 36
 ventrale, *Cyclopium*, 68
ventralis, *Astroblepus*, 68
 ventralis, *Cetopsis*, 135
ventromaculatus, *Hypostomus*, 262
 venulosum, *Pygidium*, 425
venulosus, *Trichomycterus*, 425
 verbeekii, *Pseudeutropius*, 326
verecunda, *Pterocryptis*, 377
verecundus, *Ancistrus*, 225
 verissimi, *Decapogon*, 127
vermicularis, *Hypostomus*, 262
 vermicularis, *Plecostomus*, 262
 vermiculata, *Ancistrus vittatus*, 285
vermiculata, *Peckoltia*, 285
vermiculata, *Synodontis*, 322
 vermiculatum, *Pygidium*, 425
 vermiculatus, *Synodontis*, 322
vermiculatus, *Trichomycterus*, 425
 verres, *Hypostomus*, 262
 verrucosa, *Aspredo*, 60
 verrucosa, *Parakysis*, 15, 16
 verrucosus, *Arius*, 45
verrucosus, *Bunocephalus*, 60
verrucosus, *Hemiaris*, 45
verrucosus, *Parakysis*, 16
 verrucosus, *Platystacus*, 58, 60
 verrucosus, *Silurus*, 60
 versicolor, *Pimelodus*, 44
 vertagus, *Bagrus*, 55
vespa, *Akysis*, 15
vespertinus, *Ameiurus*, 206
 vespertinus, *Ictalurus*, 206
 vestigipinnis, *Hemipilichthys*, 281
vestigipinnis, *Pareiorhaphis*, 281
vestitus, *Otocinclus*, 274, 275
 vetula, *Loricaria*, 278
vetula, *Paraloricaria*, 278
 vicinus, *Hypostomus*, 278
 victori, *Upsilodus*, 247
victoriae, *Synodontis*, 322
 viedmensis, *Diplomystes*, 166
viedmensis, *Oliveichthys*, 166
 viedmensis cuyanus, *Diplomystes*, 166
 viedmensis mesembrinus, *Diplomystes*, 166
vietnamicus, *Hemibagrus*, 91
 vietnammicus, *Hemibagrus*, 91
vigilis, *Microsynodontis*, 310
 Villarius, 208
 Villarius pricei, 208, 209
 villarsi, *Plecostomus*, 298
villarsi, *Squaliforma*, 298
 villiersi, *Physalia*, 360
 villosus, *Arius*, 166
villosus, *Batrochoglanis*, 353
villosus, *Lithogenes*, 267
 villosus, *Pseudopimelodus*, 353
 villosus butcheri, *Pseudopimelodus*, 352
 Vilsoni, *Pimelodotus*, 197, 200
 vinciguerrae, *Clarias*, 143
 Vinciguerrae, *Exostoma*, 385
 vinhensis, *Pelteobagrus virgatus*, 101
violacea, *Synodontis*, 322
 violaceus, *Synodontis*, 322
 virescens, *Corydoras*, 123
 virescens, *Plecostomus*, 298
virescens, *Squaliforma*, 298
 virgatus, *Aoria*, 101
 virgatus, *Leiocassis*, 101
virgatus, *Pelteobagrus*, 101
 virgatus, *Pseudobagrus*, 101
 virgatus vinhensis, *Pelteobagrus*, 101
virginiae, *Corydoras*, 126
 virgo, *Ageneiosus*, 70
virgulatus, *Aspidoras*, 110
viridescens, *Gogangra*, 395
 viridescens, *Pimelodus*, 395
 viscosus, *Pimelodus*, 215
 viscosus, *Silurus*, 215
 vitata, *Ansorgia*, 361
 vittata, *Ansorgia*, 360, 361
vittata, *Farlowella*, 239
 vittata, *Macrones*, 106
vittata, *Peckoltia*, 285
vittata, *Pimelodella*, 195
 vittata bistriata, *Ansorgia*, 361
vittatus, *Ageneiosus*, 70
 vittatus, *Chaetostomus*, 283, 284, 285
vittatus, *Corydoras*, 126
 vittatus, *Corydoras blochi*, 126
vittatus, *Mystus*, 98

- vittatus*, *Otocinclus*, 275
vittatus, *Plotosus*, 350
vittatus, *Pseudorhamdia*, 195
vittatus, *Silurus*, 98
vittatus, *Silurus* (*Callichrus*), 372
vittatus, *Synodontis*, 314
vittatus, *Trichomycterus*, 425
vittatus horai, *Mystus* (*Mystus*), 95
vittatus vermiculata, *Ancistrus*, 285
viviparus, *Arius*, 55
viviparus, *Plotosus*, 350
vogti, *Atopochilus*, 304
volcanensis, *Lasiancistrus*, 264
voltae, *Chiloglanis*, 308
voltae, *Irvineia*, 358
voltae, *Synodontis*, 323
Vorhisia, 434
Vorhisia vulpes, 434, 435
Vorhisiidae, 434
votouro, *Hemiancistrus*, 244
vouezi, *Rhamdia branneri*, 201
vulgaris, *Pimelodus*, 206
vulpeculus, *Pimelodus*, 206
vulpes, *Pimelodus*, 211
vulpes, *Vorhisia*, 434, 435
- W**
waandersii, *Helicophagus*, 325
wagenaari, *Chrysiichthys*, 159
wagneri, *Pimelodus*, 201
waiampi, *Hypostomus*, 262
walkeri, *Chrysiichthys*, 159, 160
walkeri, *Clarias*, 141
walkeri, *Notoglanidium*, 162
walkeri, *Pseudeutropius atherinoides*, 359
wallacei, *Tetranematichthys*, 444
Wallago, 380
Wallago attu, 380
Wallago attu valeya, 381
Wallago dinema, 368
Wallago heterorhynchus, 368
Wallago krattensis, 374
Wallago leerii, 380, 381
Wallago leiacanthus, 371, 372
Wallago maculatus, 381
Wallago micropogon, 381
Wallago miostoma, 372
Wallago nebulosus, 381
Wallago russellii, 381
Wallagonia, 380
Wallagonia tweediei, 381
wallagoo, *Silurus*, 381
walrehti, *Sciadeichthys* (*Selenaspis*), 53
wamiensis, *Leptoglanis*, 29
wamiensis, *Synodontis*, 320
wamiensis, *Zaireichthys*, 27
wangi, *Pseudobagrus*, 108
Watawata, 250
waterhousii, *Neoplotosus*, 346
waterloti, *Chiloglanis niloticus*, 307
waterloti, *Synodontis*, 323
watwata, *Hypostomus*, 262
weberi, *Callichrous*, 373
weberi, *Ompok*, 373
weddellii, *Anadoras*, 169
weddellii, *Doras*, 169
weitzmani, *Corydoras*, 126
werner, *Clarias*, 148
werner, *Synodontis*, 311
Wertheimeri, *Plecostomus*, 285
wertheimeri, *Pogonopoma*, 285
Wertheimeria, 179
Wertheimeria maculata, 179
wessellii, *Pimelodella*, 195
Wessellii, *Pimelodus* (*Pseudorhamdia*), 195
westermanni, *Bergiaria*, 330
Westermanni, *Pimelodus*, 329, 330
weyrauchi, *Pygidium*, 425
weyrauchi, *Trichomycterus*, 425
whymperi, *Arges*, 68
whymperi, *Astroblepus*, 68
wieneri, *Plectrochilus*, 411
wieneri, *Vandellia*, 411
wilderi, *Hassar*, 171
wilsoni, *Eomacrones*, 87
wilsoni, *Hemiancistrus*, 244
wilsoni, *Macronoides*, 87
winzi, *Hypostomus*, 262
winzi, *Plecostomus*, 262
witmeri, *Pimelodella*, 195
Wittei, *Auchenoglanis*, 154
wittenburgii, *Pseudobagrus*, 108
wolfei, *Hemiloricaria*, 247
wolfei, *Rhineloricaria*, 247
Wolffii, *Bagrus*, 98
wolffii, *Mystus*, 98
wolffi, *Rhamdella*, 197
woodi, *Hassar*, 171
woodsi, *Rhynchodoras*, 178
woosnami, *Synodontis*, 323
worthingtoni, *Bathyclarias*, 136
worthingtoni, *Dinotopterus*, 136
wotroi, *Corydoras*, 120
wrightiana, *Oxyropsis*, 276
wrightii, *Oxyropsis*, 276
wuchereri, *Hypostomus*, 262
wuchereri, *Pimelodus*, 200
wuchereri, *Plecostomus*, 262
wui, *Pseudobagrus*, 101
wurnoense, *Nigerium*, 98, 99
Wyckii, *Bagrus*, 91
wyckii, *Hemibagrus*, 91
wyckioides, *Hemibagrus*, 91
wyckioides, *Macrones* (*Hemibagrus*), 91
wynaadensis, *Pterocryptis*, 377
wynaadensis, *Silurus*, 375, 377
- X**
xakriaba, *Otocinclus*, 275
Xanthocephalus, *Pimelodus*, 207
Xanthocephalus, *Silurus*, 207
xanthosteus, *Silurus*, 379
xanthum, *Megalonema*, 335
xanthus, *Perugia*, 335
xenauchen, *Galeichthys*, 33
Xenocara, 219
Xenocara boliviana, 219
Xenocara brevipinnis, 219
Xenocara bufonia, 219
Xenocara damasceni, 220
Xenocara fulva, 221
Xenocara heterorhynchus, 221
Xenocara macrophthalma, 222
Xenocara montana, 223
Xenocara multispinis, 223
Xenocara occidentalis, 223
Xenocara rothschildi, 221
Xenoclaris, 153
Xenoclaris eupogon, 153
Xenoclaris holobranchus, 153
xenodon, *Clarias*, 143
xenognathus, *Leptoglanis*, 25
Xenomystus, 247
Xenomystus gobio, 247
Xenopholis, 433
Xenopholis carinatus, 433
Xenopholoides, 433
xetequepeque, *Rhamdia*, 202
Xiliphius, 62
Xiliphius kryptos, 62
xinguensis, *Corydoras*, 126
xinguensis, *Glyptoperichthys*, 292
xinguensis, *Pterygoplichthys*, 292
xingui, *Rhynchodoras*, 178
xiphias, *Synodontis*, 323
Xiurenbagrus, 20
Xiurenbagrus gigas, 20
Xiurenbagrus xiurenensis, 20
xiurenensis, *Xiurenbagrus*, 20
Xyliphius, 62
Xyliphius barbatus, 62
Xyliphius kryptos, 62
Xyliphius labrosus, 62
Xyliphius lepturus, 62
Xyliphius lombarderoi, 62
Xyliphius magdalenae, 62
Xyliphius melanopterus, 62
- Y**
yangambianus, *Eutropius*, 365
yangambianus, *Schilbe*, 365
yaravi, *Ancistrus* (*Hemiancistrus*), 273
yaravi, *Neblinichthys*, 273
yarrelli, *Bagarius*, 383
Yarrelli, *Bagrus*, 383
yasi, *Epactionotus*, 236

youngicus, *Clarias*, 145
youssoufi, *Gagata*, 386
yuncensis, *Pimelodella*, 195
yunnanense, *Pseudexostoma*, 401
yunnanensis, *Glyptosternum*, 401
yunnanensis brachysoma,
 Pseudexostoma, 401
yurubiense, *Chaetostoma*, 231
yuska, *Trichomycterus*, 425
Z
zainaensis, *Glyptothorax*, 394
Zaireichthys, 25, 28
Zaireichthys brevis, 28
Zaireichthys camerunensis, 28
Zaireichthys dorae, 28
Zaireichthys flavomaculatus, 28
Zaireichthys heterurus, 28
Zaireichthys mandevillei, 28
Zaireichthys rotundiceps, 28
Zaireichthys wamiensis, 29
Zaireichthys zonatus, 28, 29
zairensis, *Amphilius*, 23
zairensis, *Schilbe*, 366
zambesensis, *Synodontis*, 323
zambezensis, *Synodontis*, 323
zambezensis rukwaensis, *Synodontis*,
 320
zambeziensis, *Malapterurus*, 302
zamaranoi, *Uegitglanis*, 152, 153
zanaensis, *Glyptothorax*, 394
zanzibarica, *Synodontis*, 323
zanzibaricus, *Synodontis*, 316, 320,
 323
Zathorax, 168
Zathorax gonzalezi, 168
Zathorax monitor, 168, 169
Zathorax nauticus, 169
zebra, *Hypancistrus*, 249
zhujiangensis, *Glyptothorax*, 394
Zonancistrus, 234
zonatum, *Pygidium*, 425
zonatus, *Acrochordonichthys*, 13
zonatus, *Caelatoglanis*, 383
zonatus, *Microglanis*, 355
zonatus, *Pimelodus*, 13
zonatus, *Synodontis angelicus*, 311
zonatus, *Trichomycterus*, 425
zonatus, *Zaireichthys*, 28, 29
zongolicensis, *Rhamdia*, 199
zuliaensis, *Pterygoplichthys*, 292
zuloagai, *Doraops*, 170
Zungaro, 344
Zungaro humboldtii, 344
Zungaro jahu, 344
Zungaro mathisoni, 356
Zungaro zungaro, 344
Zungaro zungaro schultzi, 355
zungaro, **Zungaro**, 344
zungaro schultzi, *Zungaro* 355

Zungaropsis, 344
Zungaropsis multimaculatus, 344
zygatus, *Corydoras*, 126
zygouron, *Clarias*, 141