Order CYPRINIFORMES (part 12 of 16)

Family SUNDADANIONIDAE

2 genera · 9 species

Fangfangia Britz, Kottelat & Tan 2012
-ia, belonging to: the late Fang Fang (1962-2010), “a passionate and productive cypriniform researcher, who left us too early,” for her contribution to danionine taxonomy and phylogeny

Fangfangia spinicleithralis Britz, Kottelat & Tan 2012
spina, thorn; cleithralis, belonging to the cleithrum (main element of dermal shoulder girdle), referring to unique pointed anterior and posterior spines

Sundadanio Kottelat & Witte 1999
Sunda, large islands of western Indonesia (Borneo and Sumatra, where it occurs); danio, presumed to be related to Danionidae at the time

Sundadanio atomus Conway, Kottelat & Tan 2011
atom (i.e., an indivisible particle), referring to small size (up to 15.7 mm SL)

Sundadanio axelrodi (Brittan 1976)
in honor of pet-book publisher Herbert R. Axelrod (1927-2017), who discovered this species in the tanks of a Singapore aquarium fish exporter, for the “introduction of many new species into the aquarium-fish trade, a substantial number of which have proved to be new to science”

Sundadanio echinus Conway, Kottelat & Tan 2011
hedgehog, referring to large, spiny tubercles on lower jaw of all congeners but first discovered on this species

Sundadanio gargula Conway, Kottelat & Tan 2011
gargoyle, referring to somewhat grotesque of head and throat of tuberculatc males

Sundadanio goblinus Conway, Kottelat & Tan 2011
goblin, referring to small size (characteristic of genus) and somewhat “gnarled” appearance

Sundadanio margarition Conway, Kottelat & Tan 2011
small jewel, referring to shimmering live coloration of all members of genus

Sundadanio retiarius Conway, Kottelat & Tan 2011
Roman gladiator armed with a piece of netting and a trident, referring to reticulated pattern along dorsal surface

Sundadanio rubellus Conway, Kottelat & Tan 2011
reddish, referring to live coloration of fins in males
Family DANIONIDAE Danios
39 genera · 352 species

Subfamily Chedrinae Trout Barbs
from *Chedrus* Swainson 1939 (= *Opsarius*), presumably a latinization of *chedra*, local Gangetic name for males of *Cyprinus chedra* (= *Barilius bendelisis*; females are called *coca*)

**Barilius** Hamilton 1822
Latinization of *barila*, local Bengali name for *B. barila*

- **Barilius ardens** Knight, Rai, D’Souza & Vijaykrishnan 2015
  burning, referring to flame-like colors in mature males

- **Barilius bakeri** Day 1865
  in honor of missionary Henry Baker, Jr., who “obtained several specimens” from Mundikyum, Cochin, India

- **Barilius barila** (Hamilton 1822)
  local Bengali name for this species

- **Barilius bendelisis** (Hamilton 1807)
  Latinization of *Bendelisis*, Telugu (official language of Andhra Pradesh, India) name for this fish

- **Barilius bonarensis** Chaudhuri 1912
  - *ensis*, suffix denoting place: Bonar, Gharwal, Uttarakhand, western Himalayas, India, type locality

- **Barilius canarensis** (Jerdon 1849)
  - *ensis*, suffix denoting place: Canara, southern India, type locality

- **Barilius caudiocellatus** Chu 1984
  caudи-, tail; *ocellatus*, eyespot, referring to black, round spot at caudal fin base

- **Barilius dimorphicus** Tilak & Husain 1990
  sexually dimorphic (mature males possess anterior scales studded with fine tubercles)

- **Barilius evezardi** Day 1872
  in honor of Col. George C. Evezard (1826-1901), Bombay Staff Corps, who assisted in or facilitated the collection of natural history specimens in Puna, India

- **Barilius gatensis** (Valenciennes 1844)
  - *ensis*, suffix denoting place: Mountains of Gates, India, type locality

- **Barilius lairokensis** Arunkumar & Tombi Singh 2000
  - *ensis*, suffix denoting place: Lairok Maru, Moreh, Chandel district, Manipur, India, type locality

- **Barilius malabaricus** (Jerdon 1849)
  - *icus*, belonging to: Malabar (i.e., southern India), type locality

- **Barilius mesopotamicus** Berg 1932
  Mesopotamian, referring to distribution in Tigris and Euphrates river systems

- **Barilius modestus** Day 1872
  unassuming, allusion not explained, perhaps referring to less-vivid coloration compared to *Oparius bicirratus* (= *Barilius vagra*)

- **Barilius naseeri** Mirza, Rafiq & Awan 1986
  in memory of the authors’ late professor, Khan Naseerud-Din Ahmad, former head of the Department of Zoology, Government College, Lahore, Pakistan

- **Barilius nelsoni** Barman 1988
  in honor of Joseph S. Nelson (1937-2011), University of Alberta, for his “valuable contribution to the study of the fishes of the world”

- **Barilius pakistanicus** Mirza & Sadiq 1978
  - *icus*, belonging to: Pakistan; described as a Pakistani subspecies of *B. vagra* (also occurs in Kashmir)

- **Barilius pectoralis** Husain 2012
  pectoral, referring to fan-shaped pectoral fins with deep notch at third ray

- **Barilius profundus** Dishma & Vishwanath 2012
  deep, referring to great body depth at dorsal-fin origin

- **Barilius radiolatus** Günther 1868
  radiated, referring to scales with numerous distinct radiating striae

- **Barilius shacra** (Hamilton 1822)
  presumably a local Bengali name, as it was Hamilton’s practice to derive trivial names “from some of those used by
the natives of India”

**Barilius vagra** (Hamilton 1822)
local Bengali name for this species

**Bengala** Gray 1834
name dates from plate with no written description, but it undoubtedly refers to Bengal, or India, where *B. elanga* is endemic
[sometimes misspelled Bengana]

**Bengala elanga** (Hamilton 1822)
*Elanga*, Assamese name for this “beautiful fish pretty common in the rivers and ponds of Bengal”

**Cabdio** Hamilton 1822
derived from *Kevdi*, “one of many names” along the Ganges River “given to the most common species”

**Cabdio morar** (Hamilton 1822)
variant of *morur*, local name for this fish along the Ganges River drainage

**Cabdio ukhrulensis** (Selim & Vishwanath 2001)
-*ensis*, suffix denoting place: Ukhrul District, Manipur, India, type locality

**Chelaethiops** Bouleneger 1899
*Chela* (Danioninae), a similar genus from India; *Æthiops*, Latin for Ethiopian or Negro (from the Greek *aithein*, to burn and *ops*, face), possibly referring to Aethiopia, a classical term for Sub-Saharan Africa, i.e. an “Ethiopian” Chela

**Chelaethiops bibie** (Joannis 1835)
presumably Arabic vernacular for this species used along the Nile River

**Chelaethiops congicus** (Nichols & Griscom 1917)
-*icus*, belonging to: referring to distribution in the Congo River system

**Chelaethiops elongatus** Bouleneger 1899
referring to elongate body and/or elongate anal and pectoral fins

**Chelaethiops minutus** (Bouleneger 1906)
minute, referring to small size, up to 2.6 cm TL

**Chelaethiops rukwaensis** (Ricardo 1939)
-*ensis*, suffix denoting place: Lake Rukwa, Tanzania, where it is endemic

**Engraulicypris** Günther 1894
*engraulis*, anchovy, referring to anchovy-like shape and coloration (and presumably its shoaling and zooplanktivory as well); *cypris*, a small carp, a common suffix for cyprinoid genera

**Engraulicypris bredoi** Poll 1945
in honor of Belgian explorer Hans J. Brédo (1903-1991), who collected type

**Engraulicypris brevianalis** (Bouleneger 1908)
*brevi*, short; *analis*, anus or anal fin, referring to smaller number of anal-fin rays (14 instead of 18-20) among known *Neobola* (genus in which it was described) at the time

**Engraulicypris garrigpinus** Barnard 1943
-*ius*, belonging to: Gariep River (meaning “Great Water,” now known as Orange River), Namibia, type locality (also occurs in South Africa)

**Engraulicypris howesi** Riddin, Bills & Villet 2016
in honor of Gordon J. Howes (1938-2013), Natural History Museum (London), whose studies of the osteology of the Danioninae laid the foundations of their modern classification (Howes also described *Mesobola*, now considered a
junior synonym of *Engraulicypris*

*Engraulicypris ngalala* Riddin, Villet & Bills 2016
name of any, small, compressed, silvery fish (including *Engraulicypris* and two African [Alestiidae] tetras, *Brycinus* and *Hemigrammopetersius*) in the Cyao language spoken in the Niassa region of northern, where this species occurs

*Engraulicypris sardella* ( Günther 1868)
diminutive of sardine, referring to anchovy-like shape and coloration (and presumably its shoaling and zooplanktivory as well)

*Engraulicypris spinifer* Bailey & Matthes 1971
*spina*, thorn; *fero*, to bear, referring to numerous minute spiny tubercles on both sexes, appearing chiefly on head and sometimes along upper side of proximal part of first pectoral ray

*Leptocypris* Boulenger 1900
*leptos*, thin or slender, presumably referring to “elongate, slightly compressed” body (translation); *cypris*, a small carp, a common suffix for cyprinoid genera

*Leptocypris crossensis* Howes & Teugels 1989
-ensis, suffix denoting place: Cross River system, Guinea, type locality

*Leptocypris guineensis* ( Daget 1962)
-ensis, suffix denoting place: Guinea, where it is endemic

*Leptocypris konkoureensis* Howes & Teugels 1989
-ensis, suffix denoting place: Konkouré River, Badi, Guinea, type locality

*Leptocypris lujae* ( Boulenger 1909)
in honor of botanist and entomologist Edouard Luja (1875-1953), resident of Kasai, Zaire (now Democratic Republic of the Congo, type locality), who collected type [although named after a man, some classically trained zoologists latinized the names of individuals whose names ended with the letter “a” by adding an “e” to the spelling]

*Leptocypris modestus* Boulenger 1900
unassuming, allusion not explained, probably referring to generic anchovy-like shape and silvery coloration

*Leptocypris niloticus* ( Joannis 1835)
-icus, belonging to: Nile River at Thebes, Egypt, type locality

*Leptocypris taiaensis* Howes & Teugels 1989
-ensis, suffix denoting place: T aia (or T aye) River at Njala, Sierra Leone, type locality

*Leptocypris weeksii* ( Boulenger 1899)
in honor of John Henry Weeks (1861-1924), Baptist missionary, ethnographer, explorer and diarist, who collected type at his mission station in Monsembe, upper Congo River, Zaire (now Democratic Republic of the Congo)

*Leptocypris weynsii* ( Boulenger 1899)
in honor of Belgian explorer Auguste F. G. Weyns (1854-1944), who collected type

*Luciosoma* Bleeker 1855
*Luciosoma bleekeri* Steindachner 1878
in honor of Dutch medical doctor and ichthyologist Pieter Bleeker (1819-1878), who proposed this genus in 1855

*Luciosoma pellegrinii* Popta 1905
patronym not identified but clearly in honor of Jacques Pellegrin (1873-1944), who described many Southeast Asian freshwater fishes

*Luciosoma setigerum* ( Valenciennes 1842)
*seti*, setae (hair-like structures); -iger, to bear, probably referring to long, filamentous outer ray of ventral fins

*Luciosoma spilopleura* Bleeker 1855
*spilos*, spot; *pleuro*, side, referring to row of rounded dark spots along side of body

*Luciosoma trinema* (Bleeker 1852)
*tri*-, three; *nema*-, thread, referring to thread-like extensions on anal and pelvic fins

*Malayochela* Bănărescu 1968
proposed as a subgenus of *Chela* (Danioninae), “restricted to countries inhabited by people speaking languages of the Malayan family”

*Malayochela maassi* (Weber & de Beaufort 1912)
in honor of German anthropologist Alfred Maass (1889-1936), who led an expedition to Sumatra, during which type was collected
Nematabramis Boulenger 1894

_nemato-, thread, referring to long maxillary barbel;_ **_abramis_**, probably referring to similar body shape to the Old World **_leuciscid Abramis brama_**

_Nematabramis alestes_ (Seale & Bean 1907)
Greek for miller or grinder, an apparent misnomer since sharp, pointed pharyngeal teeth are described as “without evident grinding surface” (perhaps authors translated name as _a-_, without; **_lestes_**, miller or grinder)

_Nematabramis borneensis_ Inger & Chin 1962
_-ensis_, suffix denoting place: Borneo, described as a Bornean subspecies of **_N. everetti_**

_Nematabramis everetti_ Boulenger 1894
patronym not identified but clearly in honor of Alfred Hart Everett (1848-1898), naturalist, British civil servant and administrator in Borneo, who collected type

_Nematabramis steindacheri_ Popta 1905
patronym not identified but clearly in honor of Austrian ichthyologist Franz Steindachner (1834-1919)

Neobola Vinciguerra 1895

_neo-, being a new genus closely allied to **_Bola_** (= **_Raiamas_**)

Neobola bottegoi Vinciguerra 1895
in honor of Italian Army officer Vittorio Bottego (1860-1897), who led expedition to Somalia (1895-1897), during which type was collected [Vinciguerra later wished to drop the terminal “o” in Bottego’s name to adhere to a strict interpretation of the Latin genitive, but the original spelling stands]

Neobola fluviatilis (Whitehead 1962)
of a river, referring to occurrence over sandy beaches in Athi River, Kenya

Neobola kinondo Bart, Schmidt, Nyingi & Gathua 2019
Ameru word for silver, referring to bright silver color of sides (Ameru us a Banti ethnic group from Meru region of Kenya, where this species is endemic to the Tana River)

Neobola moeruensis (Boulenger 1915)
_-ensis_, suffix denoting place: Lake Moero (or Mweru), Democratic Republic of the Congo, type locality

Neobola stellae (Worthington 1932)
in honor of Worthington’s wife Stella, a member of the expedition that collected type, for “greatly” assisting with her husband’s fish research

Opsaridium Peters 1854

_opsar-, presumably referring to resemblance and/or affinity of **_O. zambezense_** to **_Opsarius_**; **_-idium_**, a diminutive

Opsaridium boweni (Fowler 1930)
in honor of ornithologist Wilfrid Wedgwood Bowen (1899-1987), who collected type and several others obtained by the Gray African Expedition

Opsaridium christyi (Boulenger 1920)
in honor of Cuthbert Christy (1863-1932), physician (specializing in sleeping sickness), zoologist, explorer, and Director of the Congo Museum (Tervuren, Belgium), who collected type

Opsaridium engrauloides (Nichols 1923)
_-oides_, having the form of: **_engraulis_**, anchovy, described as “more or less intermediate” between **_Barilius_** (original genus) and **_Engraulicypris_**

Opsaridium leleupi (Matthes 1965)
in honor of entomologist Narcisse Leleup (1912-2001), Institut pour la Recherche Scientifique en Afrique Centrale, who collected type

Opsaridium loveridgii (Norman 1922)
in honor of herpetologist Arthur Loveridge (1891-1980), who presented type to the British Museum (Natural History)

Opsaridium maculicauda (Pellegrin 1926)
_maculosus_ , spot; _cauda_ , tail, referring to small oval black spot at end of caudal peduncle

Opsaridium microcephalum (Günther 1864)
_micro- , small; _cephalus_ , head, referring to small head, contained 5½ times in SL

Opsaridium microlepis (Günther 1864)
_micro- , small; _lepis_ , scale, referring to smaller (and more numerous) scales compared to **_O. microcephalum_**

Opsaridium peringueyi (Gilchrist & Thompson 1913)
patronym not identified but clearly in honor of entomologist Louis Peringuey (1855-1924), director of the South African Museum, in whose publication this species was described
Opsaridium splendens Taverne & De Vos 1997
splendid, presumably referring to its coloration: 10-13 dark transverse bars on a silvery body

Opsaridium tweddleorum Skelton 1996
-orum, commemorative suffix, plural: in honor of Denis (b. 1949) and Sharon Tweddle, for their contributions (e.g., study specimens, color slides) to the study of Malawi fishes

Opsaridium ubangiense (Pellegrin 1901)
-ensis, suffix denoting place: Ubangi River, Central African Republic, type locality

Opsaridium zambezensis (Peters 1852)
-ensis, suffix denoting place: lower Zambezi River system, Mozambique, type locality

Opsarius McClelland 1838
according to McClelland, derived from a Greek word meaning “small fish” (allusion not explained), probably opsarion, a little fish used as a relish that complements the staple part of a meal

Opsarius barna (Hamilton 1822)
local Bengali name for this species

Opsarius barnoides (Vinciguerra 1890)
-oides, having the form of: O. barna, which Vinciguerra had initially confused with this species

Opsarius bernatziki (Koumans 1937)
in honor of anthropologist and photographer Hugo Bernatzik (1897-1953), who collected type

Opsarius chatricensis (Selim & Vishwanath 2002)
-ensis, suffix denoting place: Chatrickong River, Ukhrul District, Manipur, India, type locality

Opsarius cocs (Hamilton 1822)
latinization of Khoksa, local Bengali name for this species

Opsarius dogarsinghi (Hora 1921)
in honor of Sardar Dogar Singh, State Overseer, Manipur, India, who gave Hora “material assistance” in the collection of specimens (including type of this one), and helped arrange survey tours

Opsarius infrarafasciatus (Fowler 1934)
infra-, below; fasciatus, banded, referring to dark transverse bars that extend below lateral line

Opsarius kanaensis Arunkumar & Moyon 2017
-ensis, suffix denoting place: Kana River, Sajik-Tampak, Chakpikarong, Chandel District, Manipur, India, type locality

Opsarius koratensis (Smith 1931)
-ensis, suffix denoting place: Korat District, eastern Thailand, type locality

Opsarius ngawa (Vishwanath & Manojkumar 2002)
Nga-zoa, local name in Manipur, India (Nga =fish; zoa =swift movement of shoal)

Opsarius ornatus (Sauvage 1883)
decorated, presumably referring to 12 steel-blue transverse bands across silvery body

Opsarius putaoensis Qin, Maung & Chen 2019
-ensis, suffix denoting place: Putao plain, Kachin State, northern Myanmar, type locality

Opsarius pulchellus (Smith 1931)
diminutive of pulcher, beautiful, referring to vivid coloration (e.g., red-edged dorsal fin, orange belly, 10 blackish vertically elongate spots, and orange anal, ventral and pectoral fins)

Opsarius signicaudus (Tejavej 2012)
signum, flag or sign; cauda, tail, referring to large, elongated blotch at caudal-fin base

Opsarius tileo (Hamilton 1822)
local Bengali name (also spelled tilei) for this species

Raiamas Jordan 1919
latinization of Rajah mas, local name for R. bola among anglers of India

Raiamas ansorgii (Boulenger 1910)
in honor of explorer William John Ansorge (1850-1913), who collected type

Raiamas batesii (Boulenger 1914)
in honor of George Latimer Bates (1863-1940), Cameroon farmer and ornithologist, who collected specimens for the Natural History Museum (London), including type of this species

Raiamas bola (Hamilton 1822)
variant of Bhola, local Bengali vernacular for this species
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Raiamas brachyrhabdotos Manda, Snoeks, Manda & Vreven 2018
*brachy*, short; *rhabdotos*, striped, referring to short predorsal bars on flanks, which are thin, covering between 1-2 scales, located above lateral line

Raiamas buchholzi (Peters 1876)
in honor of physician-naturalist Reinhold Buchholz (1837-1876), its discoverer

Raiamas guttatus (Day 1870)
spotted, referring to two rows of blue spots along sides

Raiamas kheeli Stiassny, Schelly & Schliwewen 2006
in honor of attorney and labor mediator Theodore W. Kheel (1914-2010), for his “enduring support for nature conservation and sustainable development around the globe” [in 1991, Kheel founded the Nurture Nature Foundation to help resolve the conflict between environmental protection and economic development]

Raiamas levequei Howes & Teugels 1989
in honor of ichthyologist Christian Lévêque, who collected type

Raiamas longirostris (Boulenger 1902)
*longus*, long; *rostris*, snout, referring to acutely pointed snout, projecting slightly beyond lower jaw, more than \( \frac{1}{3} \) length of head

Raiamas marqueti Manda, Snoeks, Manda & Vreven 2018
in honor of Jean-Pierre Marquet, former technical assistant of the BTC (Belgian Technical Cooperation) project PRODEPAAK (Projet de Développement de la Pêche Artisanale et de l’Aquaculture au Katanga, 2008-2013), for his “remarkable” efforts in fish collecting, and who provided logistical support for the Katanga Expedition 2012, during which type was collected

Raiamas moorii (Boulenger 1900)
in honor of its discoverer, John Edmund Sharrock Moore (1870-1947), cytologist, zoologist and Tanganyika expedition leader

Raiamas nigeriensis (Daget 1959)
-*ensis*, suffix denoting place: Upper Niger River near Bamako, Mali, type locality

Raiamas salmolucius (Nichols & Griscom 1917)
*salmo*-, salmon, allusion not explained, possibly referring to parr-like markings on sides; *lucius*, pike, allusion not explained, possibly referring to pike-like length of head

Raiamas scarciensis Howes & Teugels 1989
-*ensis*, suffix denoting place: Little Scarcies River, Sierra Leone, type locality

Raiamas senegalensis (Steindachner 1870)
-*ensis*, suffix denoting place: Dagana, Senegal, type locality

Raiamas shariensis (Fowler 1949)
-*ensis*, suffix denoting place: Shari River system, Chad, type locality and only known area of occurrence

Raiamas steindachneri (Pellegrin 1908)
in honor of Franz Steindachner (1834-1919), director of the Imperial Natural History Museum of Vienna (now Naturhistorisches Museum Wien, where Pellegrin spent a “charming” holiday), for whom “science is indebted for the knowledge of so many interesting kinds of fishes, particularly from Senegal” (translation)

Rastrineobola Fowler 1936
*a Neobola with rastrum, rake or raker, referring to long, lanceolate gill rakers

Rastrineobola argentea (Pellegrin 1904)
silvery, referring to silvery coloration on flanks and sides of head

Salmostoma Swainson 1839
*salmo*, salmon; *stoma*, mouth, allusion not evident, perhaps referring to wide, salmon-like mouth

Salmostoma acinaces (Valenciennes 1844)
scimitar, presumably referring to sabre-like shape of body

Salmostoma bacaila (Hamilton 1822)
local Bengali vernacular for this species

Salmostoma balookee (Sykes 1839)
Marathi vernacular for this species in India, which, as Sykes explained in 1841, he adopted “so that naturalists who travel the country can always obtain” the species

vernacular name for this species, from Kamada (India) word for blanched, referring to coloration (bright silver over dorsal profile, white below lateral line)
**Salmostoma boopis** (Day 1874)
bos, ox; ops, eye, probably referring to large eyes, which are ½ length of head

**Salmostoma horai** (Silas 1951)
in honor of ichthyologist Sunder Lal Hora (1896-1955), Director, Zoological Survey of India

**Salmostoma novacula** (Valenciennes 1840)
Latin for sharp knife or razor, referring to knife-like shape

**Salmostoma orissaense** Bănărescu 1968
from Orissa Province, India, type locality

**Salmostoma punjabense** (Day 1872)
from Punjab, Pakistan (type locality), and/or to Punjab region of India and Pakistan, where it is endemic

**Salmostoma phulo** (Hamilton 1822)
derived from *Phul chela*, local Bengali name for this species

**Salmostoma sardinella** (Valenciennes 1844)
diminutive of *Sardina*, a sardine, which it resembles

**Salmostoma sladoni** (Day 1870)
patronym not identified, probably in honor of Maj. Edward Sladen (1827-1890, note apparent misspelling); Day named a clupeiform (*Pellona sladeni* = *Ilisha novacula*) after Sladen that same year, describing him as “Political Resident at the court of the King of Burma, who greatly assisted me in collecting specimens, as well as in acquiring information on the fishes of that mismanaged but magnificent country”

**Salmostoma untrahi** (Day 1869)
local Oriya (also spelled Ooriah) name for this species in the Indian state of Orissa

**Securicula** Günther 1868
ax or hatchet, referring to knife- or blade-like shape of body

**Securicula gora** (Hamilton 1822)
latinization of *Ghora*, from *Ghora Chela*, local Bengali name for this species

**Subfamily Rasborinae** Rasboras

**Amblypharyngodon** Bleeker 1860
amblys, blunt; pharynx, throat; odon, tooth, referring to molar-like pharyngeal teeth, with flat or concave crowns

**Amblypharyngodon atkinsonii** (Blyth 1860)
patronym not identified but possibly in honor of entomologist Edwin Thomas Atkinson (1840-1890), who joined the Indian Civil Service in 1862 and made many natural history collections in India and Southeast Asia

**Amblypharyngodon chulabhornae** Vidthayanon & Kottelat 1990
in honor of H.R.H. Princess Chulabhorn Mahidol (b. 1957) of Thailand, for her “interest and patronage of research and development in science and technology, including biology and fisheries”

**Amblypharyngodon grandisquamis** Jordan & Starks 1917
grandis, large; squamis, scale, referring to “much larger” scales compared to *A. melettinus*

**Amblypharyngodon melettinus** (Valenciennes 1844)
sprat-like, resembling *mèlette*, a sprat or small herring from the French coasts of Saintonge and Brittany

**Amblypharyngodon microlepis** (Bleeker 1853)
 micro-, small; lepis, scale, presumably referring to smaller number of longitudinal and transverse scales compared to *A. mola*

**Amblypharyngodon mola** (Hamilton 1822)
presumably a local Bengali name, as it was Hamilton's practice to derive trivial names “from some of those used by the natives of India”

**Boraras** Kottelat & Vidthayanon 1993
anagram of *Rasbora*, referring to their reversed ratio of abdominal and caudal vertebrae

**Boraras brigittae** (Vogt 1978)
in honor of Vogt’s wife, Brigitte

**Boraras maculatus** (Duncker 1904)
spotted, referring to large black spot on side between thorax and dorsal fin, and small black spots near caudal and anal fins

**Boraras merah** (Kottelat 1991)
Indonesian word for red, referring to reddish-brown ground coloration
Boraras micros Kottelat & Vidthyananon 1993  
small, reaching 13.3 mm SL

Boraras naevus Conway & Kottelat 2011  
spot or blemish, referring to blotch on side of body, much larger on males

Boraras urophthalmoides (Kottelat 1991)  
-oides, having the appearance of: referring to misidentification as Rasbora urophthalma in Brittan’s 1954 revision of Rasbora and subsequent aquarium literature

Brevibora Liao, Kulander & Fang 2010  
brevis, short; bora, from Rasbora, genus from which Brevibora is split, referring fewer predorsal vertebrae compared to other rasborins

Brevibora cheeya Liao & Tan 2011  
Cheeya (chee, short; ya, honorable title for respected person), taller of two Chinese deities who hunt ghosts for Yama, referring to relatively larger size compared to B. dorsiocellata

Brevibora dorsiocellata (Duncker 1904)  
dorsio-, dorsal; ocellatus, eyespot, referring to large black spot on dorsal fin

Brevibora exilis Liao & Tan 2014  
meager, referring to more slender body compared to congeners

Horadandia Deraniyagala 1943  
hora dandia, Sinhalese for “false Rasbora,” referring to “kinship” to rasborines (based on mouth shape and absence of lateral line)

Horadandia atukorali Deraniyagala 1943  
in honor of Vicky Atukorale (a male), who first drew Deraniyagala’s attention to this fish

Horadandia brittani Remi Devi & Menon 1992  
in honor of ichthyologist Martin R. Brittan (1922-2008), California State University, who provided specimens, biometric data and literature, and for critically reviewing the authors’ manuscript

Kottelatia Liao, Kulander & Fang 2010  
-ta, pertaining to: Swiss ichthyologist Maurice Kottelat (b. 1957), author of numerous species and several genera of rasborins

Kottelatia brittani (Axelrod 1976)  
in honor of Martin R. Brittan (1922-2008), monographer and reviser of Rasbora (genus in which it was described) and “close personal friend”

Pectenocypris Kottelat 1982  
pecten, comb, referring to numerous gill rakers; cypris, a small carp, a common suffix for cyprinid genera

Pectenocypris balaena Roberts 1989  
whale, referring to numerous Baleen Whale-like gill rakers

Pectenocypris korthausae Kottelat 1982  
in honor of German aquarist Edith Korthaus (1923-1987), editor of Das Aquarium, who helped collect type

Pectenocypris micromysticetus Tan & Kottelat 2009  
micro-, small; mystus, moustache; cetus, whale, referring to numerous gill rakers, which resemble the baleen plates of mysticete whales

Pectenocypris nigra Wibowo, Ahnelt & Kertamihardja 2016  
black, referring to blackish coloration in life

Rasbora Bleeker 1859  
presumably tautonymous with Cyprinus rasbora (although Bleeker designated Leuciscus cephalotaenia as type of genus)

Rasbora amplistriga Kottelat 2000  
amplus, broad or wide; striga, stripe, referring to dark lateral stripe from upper extremity of gill opening to caudal-fin base

Rasbora api Lumbantobing 2010  
word for fire in Bahasa, Indonesia, referring to vermilion coloration of dorsal and caudal fins and orange-yellowish markings on living specimens, “a pigmentation pattern appearing like fire”

Rasbora aprotaenia Hubbs & Brittan 1954  
etymology not explained, presumably a-, without; pro-, forward; taenia, band, referring to absence of lateral band in front of dorsal fin origin

Rasbora argyrotaenia (Bleeker 1849)  
arguros, silver; taenia, banded, referring to silvery streak or band along sides, more distinct in young specimens than in old ones
Rasbora armitagei Silva, Maduwage & Pethiyagoda 2010
in honor of aquarist David Armitage, for his efforts to “explore, conserve, breed and build awareness” of tropical freshwater fishes, including those of Sri Lanka

Rasbora arundinata Lumbantobing 2014
reed-like, referring to black midlateral stripe, which resembles the leaf of a reed

Rasbora ataenia Plamoottil 2016
a-, without; taenia, band or ribbon, referring to absence of a lateral color stripe, unlike the related R. dandia

Rasbora atranus Kottelat & Tan 2011
ater, black, anus, anal, referring to black mark along anterior part of base of anal fin

Rasbora atridorsalis Kottelat & Chu 1988
ater, black or dark; dorsalis, dorsal, referring to black spot at tip of dorsal fin

Rasbora aurotaenia Tirant 1885
aurum, gold; taenia, band, referring to golden-yellow line or stripe across upper half of body

Rasbora baliensis Hubbs & Brittan 1954
-ensis, suffix denoting place: Lake Bratan, Bali, where it is endemic

Rasbora bankanensis (Bleekeer 1853)
-ensis, suffix denoting place: Bangka (or Banka), Indonesia, type locality (also occurs on Malay Peninsula)

Rasbora bindumatoga Lumbantobing 2014
derived from Bindu Matoga in the two native languages of northern Sumatra, Mandailing and Toba, where this species occurs; the term is commonly used as the name of a traditional ornament with a rectangle outline, here referring to rectangular shape of black subdorsal blotch

Rasbora borapetensis Smith 1934
-ensis, suffix denoting place: Bung Borapet, Nakorn-Sawan, central Thailand, type locality

Rasbora borneensis Bleeker 1860
-ensis, suffix denoting place: Borneo, where it is endemic

Rasbora bunguranensis Brittan 1951
-ensis, suffix denoting place: Bunguran Island, between Borneo and Malaya, where it is endemic

Rasbora calliura Boulenger 1894
calli-, beautiful; oura, tail, probably referring to “much elongate” caudal lobes, edged in black

Rasbora caudimaculata Volz 1903
caud-; tail; maculata, spotted, referring to black tips of caudal fin lobes

Rasbora caverii (Jerdon 1849)
of the Kaveri (also spelled Cavery) River, India, type locality (also occurs in Sri Lanka)

Rasbora cephalotaenia (Bleekeer 1852)
cephalus, head; taenia, band, referring to black lateral band that begins at point of snout (and continues to end of caudal fin)

Rasbora chrysotaenia Ahl 1937
chryos, gold; taenia, band, referring to metallic green-gold to red-gold stripe from upper lip, through eye, over opercle, down side to caudal fin base

Rasbora cryptica Kottelat & Tan 2012
secret, referring to its having been mistaken for R. volzii

Rasbora dandia (Valenciennes 1844)
etymology not explained, probably latinization of dandiya, Sri Lankan name for members of the genus Rasbora

Rasbora daniconius (Hamilton 1822)
latinization of Danikoni, local Bengali vernacular for this species

Rasbora dies Kottelat 2008
Latin for a day; allusion not explained nor evident

Rasbora dorsinotata Kottelat 1988
dorsalis, dorsal; notatus, marked or stained, referring to black blotch at tip of dorsal fin

Rasbora dusonensis (Bleekeer 1850)
-ensis, suffix denoting place: Duson (or Banjer River), Borneo, type locality (also occurs in Malay Peninsula, Sumatra, Laos and Thailand)
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*Rasbora einthovenii* (Bleeker 1851)
in honor of Jacob Einthoven (1825-1866), Dutch East Indian Army surgeon and public health civil servant, who collected or provided type

*Rasbora elegans* Volz 1903
fine or select, allusion not specified, possibly referring to elegant coloration, particularly two dark patches on sides

*Rasbora ennealepis* Roberts 1989
ennea, nine; lepis, scale, referring to characteristic number of predorsal scales

*Rasbora everetti* Boulenger 1895
in honor of Alfred Hart Everett (1848-1898), British civil servant and administrator, naturalist and zoological collector, who collected type

*Rasbora gerlachi* Ahl 1928
in honor of German aquarist Fritz Gerlach, who apparently received live specimens from a collector in Africa and then provided one or more of them (or captive-bred specimens) to Ahl

*Rasbora haru* Lumbantobing 2014
derived from the name of an old kingdom in the area currently known as Deli (Sumatra), where the species occurs

*Rasbora holsii* Boulenger 1895
in honor of Charles Hose (1863-1929), British colonial administrator, zoologist and ethnologist, who collected type

*Rasbora hubbsi* Brittan 1954
in honor of Carl L. Hubbs (1894-1979), Scripps Institution of Oceanography, “for making available his fine library and for sharing his unequaled knowledge of cyprinid fishes”

*Rasbora jacobsoni* Weber & de Beaufort 1916
in honor of Dutch businessman and amateur entomologist Edward Jacobson (1870-1944), who collected type

*Rasbora johannae* Siebert & Guiry 1996
in memory of British politician Joan Helen Vickers (1907-1994), British Conservative London Councillor and MP and later chairman of the Anglo-Indonesian Society, “a long-time advocate of Indonesian culture”

*Rasbora kalbarensis* Kottelat 1991
-ensis, suffix denoting place: Kal. Bar., abbreviation for Kalimantan Barat, where it appears to be endemic

*Rasbora kalochroma* (Bleeker 1851)
kallo, beauty; chroma, color, referring to rosy-red coloration on upper half of body and deep red fins

*Rasbora kluetensis* Lumbantobing 2010
-ensis, suffix denoting place: Kluet River, Sumatra, Indonesia, where it is endemic

*Rasbora kobonensis* Chaudhuri 1913
-ensis, suffix denoting place: Kobo, Abor Hills, Assam, India, type locality

*Rasbora kottelati* Lim 1995
in honor of Swiss ichthyologist Maurice Kottelat (b. 1957), for “his help and outstanding contributions to Southeast Asian ichthyology”

*Rasbora labiosa* Mukerji 1935
large-lipped, referring to “peculiar” lower lip, “more fleshy and flabby” than upper lip, projecting beyond lower jaw and “partly deflected upwards over the upper lip”

*Rasbora lacrimula* Hadiaty & Kottelat 2009
diminutive of lacrima, tear, i.e., a little tear, referring to teardrop shape of blotch on caudal peduncle

*Rasbora lateristriata* (Bleeker 1854)
lateralis, of the side; striatus, striped, referring to dark lateral stripe extending from opercle to caudal base

*Rasbora laticlavia* Siebert & Richardson 1997
latus, wide; clavus, purple striped, referring to very broad, diffuse swath of melanophores that contribute to anterior part of lateral stripe

*Rasbora leptosoma* (Bleeker 1855)
leptos, thin; soma, body, referring to thin, elongate body shape

*Rasbora maninjau* Lumbantobing 2014
named for Lake Maninjau, a crater lake in central western Sumatra, where it appears to be endemic
Rasbora meinkeni de Beaufort 1931
in honor of aquarist-ichthyologist Herrmann Meinken (1896-1976), who gave de Beaufort a breeding pair of this species on which description is based

Rasbora myersi Brittan 1954
in honor of Stanford University ichthyologist George S. Myers (1905-1985), Brittan's former major professor, for “valuable” assistance and for making available the extensive collections of ichthyologist-lichenologist Albert W. Herre (1868-1962) and many bibliographic materials, “many of them extremely rare”

Rasbora naggsi Silva, Maduwage & Pethiyagoda 2010
in honor of malacologist Fred Naggs (Natural History Museum, London), for his support of biodiversity exploration and research in Sri Lanka

Rasbora nematotaenia Hubbs & Brittan 1954
nemat-, thread; taenia, band, allusion unclear, possibly referring to thin, pale or weakly developed lateral band

Rasbora nodulosa Lambantobing 2010
with nodules, referring to nodule-like shape of cephalic tubercles on males

Rasbora notura Kottelat 2005
nota, mark; oura, tail, referring to large diamond-shaped blotch at end of caudal peduncle and base of caudal fin

Rasbora ornata Vishwanath & Laisram 2005
beautiful, referring to coloration (dusky fins, creamish body with dark blue longitudinal stripe extending from snout to end of median caudal rays, lateral and dorsal scales edged by a row of spots on each scale)

Rasbora patrickyapi Tan 2009
in honor of Patrick Yap Boon Hiang, freshwater fish enthusiast and exporter and long-time supporter of the Raffles Museum of Biodiversity Research, who generously donated much fish material to Tan's research

Rasbora paucisqualis Ahl 1935
paucus, few; squalis, presumably a misprint for squamus, scale, referring to large and, hence, fewer, scales compared to most other rasboras

Rasbora paviana Tirant 1885
-paviana, belonging to: Auguste Jean-Marie Pavie (1847-1925), French colonial civil servant and diplomat, Tirant's friend and "tireless explorer of the southern and western provinces of Cambodia" (translation)

Rasbora philippina Günther 1880
Filipino, referring to endemic occurrence in the Philippines

Rasbora pycnopeza Wilkinson & Tan 2018
pyknos, thick or dense; pessa, border or edge, referring to thick distal black margin of dorsal fin

Rasbora rasbora (Hamilton 1822)
local Bengali vernacular for this species

Rasbora reticulata Weber & de Beaufort 1915
reticulated, referring to how three longitudinal series of lateral scales, with corresponding blackish patches, connect to form a reticulate pattern

Rasbora rheophila Kottelat 2012
rheo, stream; philo, loving, referring to fast-flowing, hillstream habitat

Rasbora rubrodorsalis Donoso-Büchner & Schmidt 1997
rubro-, scarlet; dorsalis, dorsal, referring to bright red blotch on dorsal fin

Rasbora rutteni Weber & de Beaufort 1916
in honor of Dutch geologist Louis Martin Robert Rutten (1884-1946), who collected type
**Rasbora sarawakensis** Brittan 1951  
-ensis, suffix denoting place: Sarawak state, Borneo, East Malaysia, type locality

**Rasbora semilineata** Weber & de Beaufort 1916  
semi-, half; lineata, lined, presumably referring to black line on posterior half of body

**Rasbora septentrionalis** Kottelat 2000  
northern, being one of the most northern-ranging species of *Rasbora*

**Rasbora simonbirchi** Britz & Tan 2018  
in honor of the late Simon Birch (1921-1995), Prime Warden of the Fishmongers’ Company (London, 1970-1971), an “enthusiastic supporter of ichthyological explorations and taxonomic research, who was instrumental in securing funding for the collecting trip during which this species was discovered”

**Rasbora spilotaenia** Hubbs & Brittan 1954  
spilo, mark or spot; taenia, band, referring to lateral stripe connected by mid-lateral and peduncular blotches

**Rasbora steineri** Nichols & Pope 1927  
in honor of Rev. John Franklin Steiner (1884-1957), American Presbyterian Mission in Hainan, China, for his interest in the authors’ work

**Rasbora subtilis** Roberts 1989  
thin, fine or slender, referring to slender form and delicate coloration

**Rasbora sumatrana** (Bleeker 1852)  
-ana, belonging to: Sumatra, where it is endemic

**Rasbora tawarensis** Weber & de Beaufort 1916  
-ensis, suffix denoting place: Lake Tawar, Sumatra, Indonesia, type locality

**Rasbora taytayensis** Herre 1924  
-ensis, suffix denoting place: Taytay, Palawan, Philippines, near type locality

**Rasbora tobana** Ahl 1934  
-ana, belonging to: Toba Lake, Sumatra, Indonesia, type locality

**Rasbora tornieri** Ahl 1922  
patronym not identified but probably in honor of Ahl’s Berlin colleague, herpetologist and paleontologist Gustav Tornier (1858-1938)

**Rasbora trifasciata** Popta 1905  
tri-, three; fasciata, banded, allusion uncertain, possibly referring to combination of two brown longitudinal bands on sides and one longitudinal line (the axial streak)

**Rasbora trilineata** Steindachner 1870  
tri-, three; lineata, line, referring to three lines or stripes: (1) a short, blackish line on sides along base of anal fin; (2) narrow, dark, mid-lateral stripe on sides; (3) black stripe along middle of back

**Rasbora truncata** Lumbantobing 2010  
referring to truncated lateral line system, i.e., an incomplete lateral line and a truncated cephalic line

**Rasbora tubbi** Brittan 1954  
in honor of John Allan Tubb (1913-1985), Director of Fisheries, Crown Colony of North Borneo, who collected type

**Rasbora tuberculata** Kottelat 1995  
tuberculate, being the only known species of *Rasbora* with well-developed tubercles (on back in front of dorsal fin, caudal peduncle, dorsal fin, and upper lobe of caudal fin)

**Rasbora urophthalma** Ahl 1922  
oura, tail; ophthalmus, eye, referring to eye-like pre-caudal spot [presence of barbels suggest it belongs to *Puntius* (Cyprinidae: Smiliogastriinae) or a related genus, or to an African lineage; retained in *Rasbora* for now]

**Rasbora vaillantii** Popta 1905  
patronym not identified but probably in honor of Léon Vaillant (1834-1914), zoologist, Muséum national d’Histoire naturelle (Paris)

**Rasbora vietnamensis** Vasil’eva & Vasil’ev 2013  
-ensis, suffix denoting place: Viêt Nam, where it is endemic to Phu Quoc Island, Gulf of Thailand

**Rasbora volzii** Popta 1905  
patronym not identified but clearly in honor of Swiss zoologist Walter Volz (1875-1907), Natural History Museum of Bern, who had published three papers on Sumatran fishes in 1903 and 1904

**Rasbora vulcanus** Tan 1999  
Vulcanus, god of fire, referring to fiery red color and to volcanic geographic nature of Painan, West Sumatra, where it
occurs

Rasbora vulgaris Duncker 1904
common or ordinary, allusion not explained, perhaps referring to similarity with *R. elegans* and *R. buchanani* (=rasbora), and/or to ordinary (i.e., unspectacular) coloration

Rasbora wilpita Kottelat & Pethiyagoda 1991
referring to the Wilpita estate, which borders Welihena Forest Preserve, Parusella, Sri Lanka, type locality

Rasboroides Brittan 1954
-sides, having the form of: *Rasbora*, from which it differs in having an extra anal fin ray

Rasboroides pallidus (Deraniyagala 1958)
pale, referring to “Pale orange upper rim of orbit”

Rasboroides vaterifloris (Deraniyagala 1930)
vater, from *Vateria acuminata*, a tree; floris, blossom, referring to its bright orange flower, which resembles this minnow’s orange dorsal and caudal fins [as noted in Pethiyagoda’s *Freshwater Fishes of Sri Lanka* (1991), the flower of *V. acuminata* is cream or white, never bright orange; Deraniyagala may have confused *V. acuminata* (locally called hal) with *sal*, the cannonball tree (*Couroupita guianensis*), which has an orange flower]

Rasbosoma Liao, Kullander & Fang 2010
soma, body, referring to overall similarity to *Rasbora*, the genus from which it was split

Rasbosoma spilocerca (Rainboth & Kottelat 1987)
spilos, spot; cercus, tail, referring to large spot on caudal fin

Trigonopoma Liao, Kullander & Fang 2010
trigona, triangle; poma, lid, referring to triangular shape of opercle

Trigonopoma gracile (Kottelat 1991)
slender or thin, presumably referring to caudal peduncle slender than all other *Rasbora* (genus in which it was described)

Trigonostigma espei (Meinken 1967)
in honor or ornamental fish importer-exporter Heinrich Espe, who sent specimens to Meinken to investigate whether they were a distinct species or a color morph of *T. heteromorpha*

Trigonostigma hengeli (Meinken 1956)
in honor of Dutch ornamental fish importer-exporter J. van Hengel, who sent specimens to Meinken for identification

Trigonostigma somphongsi (Meinken 1958)
in honor of the Somphongs Aquarium Company, Bangkok, “which has supplied the German aquarium fish hobby with many beautiful fish novelties and will, it is hoped, provide even more” (translation)

Chela Hamilton 1822
one of two local Bengali names for *C. cachius* (the other is *Kachhi*)

Chela cachius (Hamilton 1822)
latinization of *Kachhi*, local Bengali name for this species [simultaneous synonym of *atpar*, which may have precedence]

Chela khujairokensis Arunkumar 2000
-ensis, suffix denoting place: Khujairok stream, tributary of Yu River, Manipur, India, type locality
**Chela macrolepis** Knight & Rema Devi 2014
*macro-*, large; *lepis*, scale, referring to larger scales compared to *C. atpar* (=cachius)

**Danio Hamilton** 1822
Latinization of Dhani, local Bengali name for small minnows that have the “strongest resemblance” to the Old World leucistic *Phoxinus phoxinus*

**Danio abscoditus** Kullander & Britz 2015
Latin for disguised, secret or hidden, referring to color pattern, which strongly resembles that of barred species of *Devario*, and to its relatively late discovery and recognition as a species

**Danio aesculapii** Kullander & Fang 2009
of Aesclapius, ancient Greek god of medicine, who was equipped with a staff with one or two snakes wrapped around it, referring to snakeskin pattern and “snakeskin” epithet used in the European aquarium trade

**Danio albolineatus** (Blyth 1860)
*albus*, white; *lineatus*, lined, referring to light band from caudal fin base that extends forward and tapers beyond commencement of dorsal fin

**Danio annulosus** Kullander, Rahman, Norén & Mollah 2015
ringed, referring to color pattern on sides, which resembles a series of dark rings

**Danio assamila** Kullander 2015
combination of Assam, area of India where it occurs, and ending of *dangila*, i.e., the *Danio dangila* of Assam

**Danio catenatus** Kullander 2015
chained, referring to chain-like color pattern on sides

**Danio choprae** Hora 1928
in honor of Bashambhar Nath Chopra (1898-1966), who collected type [Chopra was male, therefore Hora’s feminine ending was technically in error, which he acknowledged in a later publication; often seen as *choprai* but original spelling is acceptable since male names ending in “*a*” have historically been given the -*ae* termination]

**Danio concatenatus** Kullander 2015
con-, with; *catenatus*, chained, i.e., linked together, referring to chain-like color pattern on sides

**Danio dangila** (Hamilton 1822)
local Bengali name for this species

**Danio erythromicron** (Annandale 1918)
erythros, red, presumably referring to scarlet color that suffuses entire surface of living specimens; *micros*, small, possibly referring to small size (up to 20 mm)

**Danio feegradei** Hora 1937
in honor of Lieut. Egbert Stanley Feegrade (1884-?), physician and Special Malaria Officer, Public Health Department of Burma, who collected type

**Danio flagrans** Kullander 2012
flaming, blazing, burning or glowing, referring to red-to-orange color of living specimens; name also inspired by vernacular epithet Glowlight Danio applied to this species and *D. choprae*

**Danio htamanthinus** Kullander & Norén 2016
HTAMANTHINUS, village near type locality on the middle Chindwin River, Myanmar

**Danio jaintianensis** (Sen 2007)
-jentia, suffix denoting place: Jaintia Hills district, Meghalaya, India, type locality

**Danio kerri** Smith 1931
in honor of Arthur Francis George Kerr (1877-1942), physician and “botanist of the Siamese government,” who collected type

**Danio kyathit** Fang 1998
Burmese word for leopard (*kyar*, tiger; *thit*, different), referring to spotted color pattern

**Danio margaritatus** (Roberts 2007)
adorned with pearls, referring to pearl-like spots on sides

**Danio meghalayensis** Sen & Dey 1985
-meghalaya, suffix denoting place: Meghalaya, India, only known area of occurrence

**Danio nigrofasciatus** (Day 1870)
nigro-, black; *fasciatus*, banded, referring to dark band along sides and second dotted narrow band below it

**Danio pulcher** Smith 1931
beautiful, referring to vivid coloration, including green, “chrome yellow,” orange, “Antwerp blue,” “sky-blue,” indigo,

vermillion, and scarlet

Danio quagga Kullander, Liao & Fang 2009
from the zebra, Equus quagga, referring to 4-5 dark stripes along sides, similar to the zebra and the Zebrafish, *D. rerio*

Danio rerio (Hamilton 1822)
presumably a local Bengali name, as it was Hamilton's practice to derive trivial names “from some of those used by the natives of India”

Danio roseus Fang & Kottelat 2000
rosy or pink, referring to color of sexually active males

Danio sysphigmatus Kullander 2000
Greek for chained, referring to chain-like color pattern on sides

Danio tinwini Kullander & Fang 2009
in honor of the authors’ friend, U Tin Win (1944-2014), Managing Director at the Hein Aquarium, Myanmar, “dedicated aquarist, knowledgeable collector, and exporter of aquarium fish from Myanmar”

Danionella Roberts 1986
diminutive of *Danio*, referring to minute adult size, 10-12 mm

Danionella dracula Britz, Conway & Rüber 2009
referring to long tooth-like fangs in jaws of males, inspired by Count Dracula in Bram Stoker’s novel

Danionella mirifica Britz 2003
wonderful or marvelous, alluding to highly unusual sexual dimorphism of its Weberian apparatus

Danionella priapus Britz 2009
Priapus, Greek god of fertility, referring to conical projection of genital papilla in males, which superficially resembles the penis of mammals

Danionella translucida Roberts 1986
translucent, referring to almost perfectly transparent coloration (except for eyes)

Devario Heckel 1843
autonymous with *Cyprinus devario* (latinization of *Debari*, local Bengali name for this species)

Devario acrostomus (Fang & Kottelat 1999)
*acru*, at the end, or tip; *stomus*, mouth, referring to sharp pointed mouth

Devario acuticephala (Hora 1921)
*acutus*, sharp or pointed; *cephalus*, head, referring to “sharp and pointed head”

Devario aequipinnatus (McClelland 1839)
*aequalitas*, equal; *pinna*, fin, referring to dorsal and anal fins being of equal size

Devario affinis (Blyth 1860)
related, referring to close resemblance to Perilampus lineolatus (=Devario aequipinnatus)

Devario annandalei (Chaudhuri 1908)
in honor of zoologist-anthropologist Thomas Nelson Annandale (1876-1924), Director, Indian Museum (Calcutta),
who collected type

**Devario anomalus** Conway, Mayden & Tang 2009
uneven or irregular, referring to irregular vertical bars on anterior half body

**Devario apogon** (Chu 1981)
a-, without; *pogon*, beard, referring to absence of barbels

**Devario apopyris** (Fang & Kottelat 1999)
Greek for a small fish, being one of the small-barred species of *Danio* (genus in which it was described)

**Devario assimensis** (Barman 1984)
-*ensis*, suffix denoting place: Assam, India, where it is endemic

**Devario browni** (Regan 1907)
in honor of geologist J. Coggin Brown (1884-1962), who collected type

**Devario chrysotaeniatus** (Chu 1981)
*chrysos*, gold; *taeniatus*, banded, referring to golden stripes or streaks on sides

**Devario coxi** Kullander, Rahman, Norén & Mollah 2017
three etymologies: 1) of Cox’s Bazar, a town in Bangladesh, near type locality; 2) in honor of Hiram Cox (1760-1799), British diplomat for whom Cox’s Bazar was named; 3) referring to gene fragment used to identify this species, *cytochrome c oxidase subunit 1*, often shortened to COXI

**Devario deruptotalea** Ramananda & Vishwanath 2014
deruptus, broken; *talea*, bars, referring to broken bars of color on sides

**Devario devario** (Hamilton 1822)
latinization of *Debari*, local Bengali name for this species

**Devario fangae** Kullander 2017
in honor of the late Fang Fang (1962-2010, Kullander’s wife), the “proper discoverer” of this species, who singled it out as new, “recognizing her deep personal interest in the freshwater fishes of Myanmar,” where it occurs

**Devario fangfangae** (Kottelat 2000)
in honor of Fang Fang (1962-2010), author of several papers on the systematics of *Danio*, in appreciation of her help

**Devario fraseri** (Hora 1935)
in honor of amateur herpetologist Albert Glen Leslie Fraser (1887-?), for obtaining specimens of this species and that of *Rasbora labiosa*

**Devario gibber** (Kottelat 2000)
humpbacked, referring to small hump on nape

**Devario horai** (Barman 1983)
in honor of the late Sunder Lal Hora (1896-1955), “eminent” ichthyologist and former Director of the Zoological Survey of India

**Devario interruptus** (Day 1870)
interrupted, referring to how lateral line ends opposite base of ventral fin

**Devario kakhienensis** (Anderson 1879)
-*ensis*, suffix denoting place: Kakhyen Hills, western Yunnan border between China and Myanmar, type locality

**Devario kysonensis** (Nguyen, Nguyen & Mua 2010)
-*ensis*, suffix denoting place: Ky Son district, Nghe An Province, Việt Nam, where it is endemic

**Devario laoensis** (Pellegrin & Fang 1940)
-*ensis*, suffix denoting place: Laos, type locality (also occurs in Thailand)

**Devario leptos** (Fang & Kottelat 1999)
slender or thin, referring to slender body shape

**Devario malabaricus** (Jerdon 1849)
-*icus*, belonging to: Malabar (i.e., southern India), type locality (also occurs in Sri Lanka and has been introduced elsewhere)

**Devario manipurensis** (Barman 1987)
-*ensis*, suffix denoting place: Manipur, India, where it is endemic

**Devario micronema** (Bleeker 1863)
*micro*-, small; *nema*, thread, presumably referring to its slender rostral barbel (“cirris gracilibus”)

**Devario monticola** Batuwita, de Silva & Udugampala 2017
inhabitant of the mountains, referring to type locality, Agarapatana, Nuwara Eliya District, Sri Lanka
Devario myitkyinae Kullander 2017
of Myitkyina, northern Myanmar, type locality, where it appears to be the only representative of the genus

Devario naganensis (Chaudhuri 1912)
-ensis, suffix denoting place: Naga Hills, Manipur, India, type locality

Devario neilgherriensis (Day 1867)
-ensis, suffix denoting place: Neilgherry Hills, India, type locality

Devario ostrographus (McClelland 1839)
ostrinus, purple; graphos, mark, referring to distinct purple stripes on sides

Devario pathirana (Kottelat & Pethiyagoda 1990)
named for aquarium-fish breeder and exporter Ananda Pathirana, for calling the authors’ attention to this fish

Devario quangbinhensis (Nguyen, Le & Nguyen 1999)
-ensis, suffix denoting place: Quang Binh Province, Viet Nam, only known area of occurrence

Devario regina (Fowler 1934)
queen, dedicated to Her Majesty Rambaibarni (1904-1984), Queen of Siam

Devario salmonatus (Kottelat 2000)
salmon-like, “with the colour of salmon flesh” (belly, pelvic, anal and caudal fins of breeding males are described as “salmon-orange”)

Devario sondhii (Hora & Mukerji 1934)
in honor of geologist Ved Pall Sondhi (1903-1989), Geological Survey of India, who collected type

Devario spinosus (Day 1870)
thorny, referring to sharp spine pointing forwards above anterior superior margin of orbit, and a broader and less sharp spine before center of anterior orbital margin

Devario strigillifer (Myers 1924)
strigilla, full of striga, streak or stripe; fero, to bear, allusion not explained, presumably referring to color pattern of “blue and yellow lines breaking up anteriorly into spots and streaks”

Devario xyrops Fang & Kullander 2009
xyron, razor; ops, eye, referring to sharp, exposed bony margin of supraorbital and wide infraorbital process

Inlecypris Howes 1980
Inle, referring to Inlé Lake basin, South Shan States, Myanmar, type locality of I. auropurpureus, type species; cypris, a small carp, a common suffix for cyprinoid genera

Inlecypris auropurpureus (Annandale 1918)
auro, gold; purpureus, purple, referring to dorsal coloration: “suffused with deep purple, the vertical bars and caudal stripe are bright ultramarine blue surrounded with a halo of gold”

Inlecypris jayarami (Barman 1985)
in honor of ichthyologist Kottore Chidambaram Jayaram (b.1926), Deputy Director, Zoological Survey of India, and “one of the prominent workers of the fishes of India of the present decade”

Inlecypris maetaengensis (Fang 1997)
-ensis, suffix denoting place: Nam Mae Taeng River, Thailand, type locality

Inlecypris shanensis (Hora 1928)
-ensis, suffix denoting place: northern Shan States, Myanmar, type locality

Laubuka Bleeker 1859
presumably tautonymous with Cyprinus laubuca (no species mentioned), latinization of Layubuka, local Bengali name for that species [often spelled Laubuca dating to Bleeker 1860, but this spelling has priority]

Laubuka caeruleostigmata Smith 1931
ceruleus, blue; stigmata, marked, referring to blue spot on top of head behind eyes

Laubuka fasciata (Silas 1958)
banded, referring to broad, dark lateral stripe running from just behind eye to just in front of caudal fin base

Laubuka insularis Pethiyagoda, Kottelat, Silva, Maduwage & Meegaskumbura 2008
of islands, referring to distribution on the island of Sri Lanka

Laubuka lankensis (Deraniyagala 1960)
-ensis, suffix denoting place: Sri Lanka, where it is endemic

Laubuka latens Knight 2015
hidden, i.e., its identity being hidden, referring to its having been overlooked in earlier ichthyofaunal surveys due to its having been confused with L. laubuca
Laubuka laubuca (Hamilton 1822)
latinization of Layubuka, local Bengali name for this species

Laubuka parafasciata Laramliana, Vanlalhlimpuia & Singh 2017
para-, near, referring to similarity to L. fasciata, both having a broad, dark brown midlateral stripe on body

Laubuka ruhuna Pethiyagoda, Kottelat, Silva, Maduwage & Meegaskumbura 2008
Sinhalese name for southern Sri Lanka, where it occurs

Laubuka siamensis Fowler 1939
-ensis, suffix denoting place: Siam (Thailand), where it is endemic

Laubuka tenella Kullander, Rahman, Norén & Mollah 2018
delicate, referring to small size (up to 47.4 mm SL) and soft, delicate consistency of fresh specimens

Laubuka trevori Knight 2015
in honor of Trevor Menezes (1957–2010), “for his enthusiasm and support to aquarium-fish hobbyists in exploring the Cauvery and Tunga River systems [of southern India]; he died during one such expedition”

Laubuka varuna Pethiyagoda, Kottelat, Silva, Maduwage & Meegaskumbura 2008
Sinhalese for western, referring to its being restricted to west-flowing Kelani and Kalu drainages of Sri Lanka

Microdevario Fang, Norén, Källersjö & Kullander 2009
micro-, small, referring to their miniature size; Devario, referring to their relationship with that genus

Microdevario gatesi (Herre 1939)
in honor of Gordon E. Gates (1897-1987), “distinguished” lumbricologist of Judson College (Rangoon), without whose aid Herre’s visit to Rangoon “would have been of little avail”

Microdevario kubotai (Kottelat & Witte 1999)
in honor of aquarium fish exporter Katsuma Kubota, for “his help in conducting several projects, assistance in the field, and the gift of numerous specimens”

Microdevario microphthalmalma (Jiang, Chen & Yang 2008)
micro-, small; ophthalmos, eye, referring to smaller eyes compared to congeners and Microrasbora rubescens

Microdevario nanus (Kottelat & Witte 1999)
nanus, dwarf, referring to small size, up to 15.2 mm SL

Microrasbora Annandale 1918
micro-, small, being diminutive species closely allied to Rasbora

Microrasbora rubescens Annandale 1918
reddish, referring to orange-scarlet color of sides, ventral surface of head, and caudal, anal and sometimes dorsal fins of both sexes

Neochela Silas 1958
neo-, new, proposed as a subgenus of Chela

Neochela dadiburjori (Menon 1952)
in honor of Bombay aquarist Sam J. Dadiburjor, who collected, bred and “brought this interesting fish to the notice of science”

Subfamily Esominae Flying Barbs

Esomus Swainson 1839
e-, out of or from; soma, body, etymology not explained and allusion not evident, perhaps referring to long maxillary barbels, which reach ventral fin and thus can be described as extending out from the body

Esomus ahli Hora & Mukerji 1928
in honor of ichthyologist-herpetologist Ernst Ahl (1898-1945), who reported this cyprinid as E. malabaricus in 1923

Esomus altus (Blyth 1860)
al tus, high, presumably referring to deeper body compared to E. danricus

Esomus barbatus (Jerdon 1849)
bearded, referring to long maxillary barbels, reaching to ventral fin

Esomus caudiocellatus Ahl 1924
cauda-, tail; ocellatus, eye spot, referring to black ocellus with golden border at base of caudal fin

Esomus danrica (Hamilton 1822)
local Bengali name for this species

Esomus longimanus (Lunel 1881)
longus, long; manus, hand, referring to long pectoral fin ray, which sometimes reaches to anal fin
Esomus malabaricus Day 1867
-icus, belonging to: Malabar (i.e., southern India), referring to type locality in Trichoor, Kerala

Esomus malayensis (Matte & Reichelt 1908)
-ensis, suffix denoting place: either the Malay Peninsula or Archipelago (location given as Hinterindien, or Indo-China) [senior secondary homonym of Esomus malayensis Ahl 1924, which appears to be a distinct species]

Esomus manipurensis Tilak & Jain 1990
-ensis, suffix denoting place: Manipur, India, where it is endemic

Esomus metallicus Ahl 1923
metallic, presumably referring to silvery coloration and/or narrow, shiny, but barely visible, silver stripe on side

Esomus thermoicos (Valenciennes 1842)
thermal, referring to hot spring type locality in Cania, Sri Lanka, at 40 °C

Subfamily Incertae sedis

Thryssocypris Roberts & Kottelat 1984
thryssos, herring or anchovy, referring to anchovy-like appearance; cypris, a small carp, a common suffix for cyprinoid genera

Thryssocypris ornithostoma Kottelat 1991
ornithos, bird; stoma, mouth, referring to beak-like snout

Thryssocypris smaragdinus Roberts & Kottelat 1984
emerald green, referring to color of upper half of head and body in life

Thryssocypris tonlesapensis Roberts & Kottelat 1984
-ensis, suffix denoting place: Tonle Sap, large permanent backwater of the lower Mekong, into which the two known localities (Prek Tamen in Cambodia, and Prek Tasom in Việt Nam) flow

Thryssocypris wongrati Grudpan & Grudpan 2012
in honor of Prachit Wongrat, Kasetsart University (Bangkok), the authors’ first teacher in ichthyology