Family GOBIIDAE Gobies (Rhinogobiops through Zebrus)

Taxonomic note: includes taxa formerly included in the families Kraemeriidae, Microdesmidae and Schindleriidae.

**Rhinogobiops** Hubbs 1926

-ops, appearance, i.e., similar to *Rhinogobius* (Oxudercidae)

*Rhinogobiops nicholsii* (Bean 1882)
in honor of Capt. Henry E. Nichols (d. 1899), U.S. Navy; commander of the United States Coast and Geodetic Survey steamer *Hasler* through the inland waters of British Columbia and southern Alaska; he “secured” type and preserved 31 species in total, all in a state of “excellent preservation”; in fact, Bean wrote, “It is due to Captain Nichols to say that no better-preserved lot of fishes has been received from any other collector.”

**Risor** Ginsburg 1933

-one who laughs, allusion not explained, perhaps referring to tusk-like teeth protruding below flaring upper lip of *Garmania binghami* (= *R. ruber*)

*Risor ruber* (Rosén 1911)
red, referring to its brownish-red coloration

**Robinsichthys** Birdsong 1988

-in honor of C. Richard Robins (b. 1928), for his many contributions to our knowledge of American gobies; ichthy-, fish

*Robinsichthys arrowsmithensis* Birdsong 1988

-ar-, suffix denoting place: Arrowsmith Bank, Caribbean Sea, type locality

**Schindleria** Giltay 1934

-ia, belonging to: German zoologist Otto Schindler (1906-1959), who described the first two species in the genus

*Schindleria brevipinguis* Watson & Walker 2004

-brevi-, short, referring to its size, reaching 8.4 mm SL, believed at the time to be the world’s smallest vertebrate; pinguis, stout, referring to deeper, broader body compared to congeners

*Schindleria elongata* Fricke & Abu El-Regal 2017

elongate, referring to more slender body compared to the closely related *S. brevipinguis*

*Schindleria macrodentata* Ahnelt & Sauberer 2018

-macro-, large; dentata, toothed, referring to large, widely spaced teeth in upper and lower jaws (7 on premaxilla and 6 on dentary)

*Schindleria multidentata* Ahnelt 2020

-multi-, many; dentata, toothed, referring to numerous tiny and densely set teeth in upper and lower jaws

*Schindleria nigropunctata* Fricke & Abu El-Regal 2017

-niger, black; punctatus, spotted, referring to black melanophores on body

*Schindleria pietschmanni* (Schindler 1931)
in honor of ichthyologist Viktor Pietschmann (1881-1956), who collected type

*Schindleria praematura* (Schindler 1930)
premature, a neotenic fish, presumed to be a sexually mature larval halfbeak (Beloniformes: Hemiramphidae) at time of description

**Signigobius** Hoese & Allen 1977

-signus, mark, referring to distinctive ocellated spot on both dorsal fins; gobius, goby

*Signigobius biocellatus* Hoese & Allen 1977

-bi-, two; ocellatus, eye-spotted, referring to distinctive ocellated spot on both dorsal fins

**Silhouettea** Smith 1959

-silhouette, adjectival suffix: Silhouette, Seychelles, western Indian Ocean, locality of type species, S. insinuans

*Silhouettea egyptia* (Chabanaud 1933)

-Egyptian, referring to Lake Timsah, Suez Canal, Egypt, type locality
Silhouettea capitlineata Randall 2008
*capit*, head; *lineata*, lined, referring to four dark lines that extend ventrally from eye

Silhouettea dotui (Takagi 1957)
in honor of Yosie Dôtu (also spelled Yoshie Dotsu, see *Dotsugobius*), Fisheries Laboratory, Kyushu University, “ardent contributor to the goby life-history,” who collected type

Silhouettea evanida Larson & Miller 1986
disappearing or vanishing, referring to how it rapidly conceals itself in mud flats when alarmed

Silhouettea ghazalae Kovacić, Sadeghi & Esmaeili 2020
in honor of Ghazal, daughter of the third author

Silhouettea hoesei Larson & Miller 1986
in honor of ichthyologist Douglass F. Hoese (b. 1942), Australian Museum (Sydney), for his work on the systematics of Indo-Pacific gobies

Silhouettea indica Visweswara Rao 1971
-ica, belonging to: India, representing an Indian species of a genus previously known only from Africa

Silhouettea insinuans Smith 1959
penetrating, allusion not explained, perhaps referring to its living in sand

Silhouettea nuchipunctata (Herre 1934)
nuchi-, nuchal; *punctatus*, spotted, referring to conspicuous milk-white nuchal spot

Silhouettea sibayi Farquharson 1970
named for Lake Sibayi (also spelled Sibhayi), east coast of South Africa, where it is endemic

Stonogobiops Polunin & Lubbock 1977
*stonyx*, sharp point, referring to large vomerine teeth of *S. dracula*; *gobius*, goby and *ops*, appearance

Stonogobiops dracula Polunin & Lubbock 1977
named for Bram Stoker’s fictional vampire Count Dracula, who was endowed with peculiarly sharp white teeth, not unlike this species

Stonogobiops larsonae (Allen 1999)
in honor of Helen Larson, Curator of Fishes, Museum and Art Gallery of the Northern Territory (Darwin, Australia), for her work in gobid taxonomy

Stonogobiops medon Hoese & Randall 1982
Greek for guard or sentinel, referring to symbiotic role of this (and other) shrimp-associated gobies, which protect the burrow both the goby and 1-2 alpheid shrimps inhabit

Stonogobiops nematodes Hoese & Randall 1982
-oïdes, having the form of: *nemato*, thread, i.e., thread-like or filamentous, referring to long black filament on first dorsal fin

Stonogobiops pentafasciatus Iwata & Hirata 1994
*pena*-, five; *fasciata*, banded, referring to five black bars on head and body

Stonogobiops xanthurhinicus Hoese & Randall 1982
*xanths*, yellow; *rhinos*, snout, referring to bright-yellow color of anterior part of head, including most of snout

Stonogobiops yasha Yoshino & Shimada 2001
*yasha*, a traditional female devil in Japan, having a long pair of canines on upper jaw, referring to this goby’s large prevomerine teeth
**Sueviota Winterbottom & Hoese 1988**
Sue, in honor of Susan Jewett (formerly Karnella, b. 1945), Collection Manager, Division of Fishes, Smithsonian Institution, who co-authored the descriptions of several new species of *Eviota*, to which this genus is most closely related (pronounced “Sue-viota”)

**Sueviota aprica Winterbottom & Hoese 1988**
sunny, referring to eye-sized, brick-red, round spot on occipital region, reminiscent of the setting sun

**Sueviota atrinasa Winterbottom & Hoese 1988**
*ater*, black; *nasus*, nose, referring to jet-black anterior nasal tubes

**Sueviota bryozophila Allen, Erdmann & Cahyani 2016**
*philios*, loving, referring to its association with bryozoan colonies

**Sueviota lachneri Winterbottom & Hoese 1988**
in honor of Ernest A. Lachner (1916-1996), curator of fishes at the U.S. National Museum, for his work on Indo-Pacific gobiids, “which has resulted in small pockets of order in the chaotic systematic morass generally prevalent in this group”

**Sueviota larsonae Winterbottom & Hoese 1988**
in honor of Helen Larson, Curator of Fishes, Museum and Art Gallery of the Northern Territory (Darwin, Australia), for her contributions to the systematics of gobioid fishes

**Sueviota minersorum Greenfield, Erdman & Utama 2019**
-orum, commemorative suffix, plural: in honor of Andrew and Marit Miners, who “founded the Misool EcoResort in Raja Ampat Islands and whose superlative efforts in conservation and sustainable economic development in the region have dramatically improved the health and biomass of the thriving reefs” where this goby was discovered

**Sueviota pyrios Greenfield & Randall 2017**
*pyrios*, one of the four horses that pulled the chariot of the sun god Helios across the sky, referring to this goby’s orange-red coloration

**Sueviota tubicola Allen & Erdmann 2017**
-cola, dweller or inhabitant, referring to its association with worm tubes

**Sufflogobius Smith 1956**
*sufflatus*, puffed up or inflated, referring to its ability to inflate its body cavity with air and/or water, apparently the first case of self-inflation in fishes of this type; *gobius*, goby

**Sufflogobius bibarbatus (von Bonde 1923)**
*bi*-, two; *barbatus*, bearded, referring to single barbel on each side of chin near symphysis of mandibles

**Thorogobius Miller 1969**
*Thor*, Danish research vessel, on whose 1910 cruise a unique Mediterranean specimen of *Gobius thori* (= *T. ephippiatus*) was secured; *gobius*, goby

**Thorogobius alvheimi Sauberer, Iwamoto & Ahnelt 2018**
in honor of Oddgeir Alvheim (b. 1944), Institute of Marine Research (Bergen, Norway), for his many photographic contributions to the FAO Species Identification Guides and for his assistance and advice to the second author during three surveys aboard the R/V Dr. Fridtjof Nansen, during which type was collected in 2005

**Thorogobius angolensis (Norman 1935)**
-ensis, suffix denoting place: off the coast of Angola, type locality (occurs in eastern Atlantic from Senegal to Angola)

**Thorogobius ephippiatus (Lowe 1839)**
saddled, presumably referring to a row of “rich brown patches along the sides”

**Thorogobius laureatus Sauberer, Iwamoto & Ahnelt 2018**
crowned with a laurel, referring to shape of scaled areas in predorsal region

**Thorogobius macrolepis (Kolombatović 1891)**
*macro-*-, large; *lepis*, scale, allusion not explained, perhaps referring to its relatively large scales (27-28 along lateral line) for a Mediterranean goby

**Thorogobius rofeni Miller 1988**
in honor of ichthyologist Robert R. Rofen (formerly Harry, 1925-2015), for his work on the systematics of both gobioid and deep-sea fishes, including earlier examination of the type material

**Tigrigobius Fowler 1931**
tigris, tiger, allusion not explained, probably referring to dark, “strong contrasted cross bands” on body (reminiscent of tiger stripes) and/or large canine teeth of *T. macrodon*; *gobius*, goby

**Tigrigobius digueti (Pellegrin 1901)**
in honor of Léon Duguet (1859-1926), French chemist, naturalist and explorer, who collected specimens in México
Tigrigobius dilepis (Robins & Böhlke 1964)
di-, two; lepis, scale, referring to two scales on each side of caudal-fin base

Tigrigobius gemmatus (Ginsburg 1939)
jeweled, referring to a very small and elongate spot, “set like a jewel,” in every ray joint in a large median area near base of caudal fin

Tigrigobius harveyi Victor 2014
in honor of Jamaican marine wildlife artist Guy Harvey (b. 1955), for his “extensive support” for research and conservation of sharks and gamefishes in the Cayman Islands; he established the Guy Harvey Research Institute at Nova Southeastern University in Fort Lauderdale (Florida, USA), and the Guy Harvey Ocean Foundation

Tigrigobius janssi (Bussing 1981)
in honor of real estate developer and recreational diver Edwin Janss, Jr. (1915-1989), for supporting and encouraging research in marine sciences; all (then) known specimens of this goby were collected from the R/V Searcher of the Janss Foundation

Tigrigobius limbaughi (Hoese & Reader 2001)
in honor of zoologist, diver and underwater photographer Conrad Limbaugh (1925-1960), for his “pioneering” 1961 work on the symbiotic cleaning behavior of marine organisms (like this goby) [authors give forename as “Clyde”; he died after losing his way while diving in the labyrinth of an underground river in France]

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Tigrigobius macrodon (Beebe & Tee-Van 1928)
macro-, large; odon, tooth, referring to pair of large canines in both jaws

Tigrigobius multifasciatus (Steindachner 1876)
multi-, many; fasciatus, banded, referring to 16-17 bright green, sharply demarcated transverse bands on sides separated from each other by narrow, white stripes

Tigrigobius nesiotes (Bussing 1990)
islander, known only from Galápagos Islands, Cocos Island and Gorgona Island

Tigrigobius pallens (Ginsburg 1939)
pallid, referring to its light yellowish color, paler than the similar T. macrodon

Tigrigobius panamensis (Victor 2014)
-ensis, suffix denoting place: Panama, type locality (but known range extends eastward to Colombia and westward to the Costa Rican border)

Tigrigobius redimiculus (Taylor & Akins 2007)
a ribbon that is sometimes attached to side of headdress then passed over shoulders to drape across each side of breast, or decoratively woven or plaited into hair, referring to reddish-orange bands or “ribbons” that drape down across nape and anterior trunk

Tigrigobius rubrigenis (Victor 2010)
ruber, red; genis, cheek, referring to distinctive red stripe on cheek

Tigrigobius saucrus (Robins 1960)
saura, Greek for graceful or pretty, described as a “strikingly spotted species”

Tigrigobius zebrellus (Robins 1958)
diminutive of zebra, referring to its banded color pattern

Tomiyamichthys Smith 1956
in honor of ichthyologist Ito (sometimes spelled Ichiro) Tomiyama (1906-1981), Tokyo Imperial University, who described type species, T. oni, in 1936; ichthys, fish

Tomiyamichthys alleni Iwata, Ohnishi & Hirata 2000
in honor of ichthyologist Gerald R. Allen (b. 1942), Western Australia Museum (Perth), “in grateful thanks for his considerable assistance in the study of gobiod fishes, given to the senior author”

Tomiyamichthys dorsostigma Bogorodsky, Kovačić & Randall 2011
dors-, back; stigma, mark, referring to distinctive black-and-white spot distally on third membrane of first dorsal fin

Tomiyamichthys emilyae Allen, Erdmann & Utama 2019
in honor of Canadian diver Emily Irving, who has accompanied and assisted the authors on numerous ichthyological expeditions and is a dedicated supporter of marine conservation and exploration efforts worldwide; she also co-sponsored expedition during which type was collected

Tomiyamichthys eyreae Allen, Erdmann & Mongdong 2020
in honor of Janet Van Sickle Eyre (b. 1935), diver and volunteer (Reef Environmental Education Foundation), whose efforts led to the discovery and description of this goby, and whose “excellent” underwater survey and observational
skills have “greatly added to our knowledge of coral reef fish distribution”

**Tomiyamichthys fourmanoiri** (Smith 1956)
in honor of Pierre Fourmanoir (1924-2007), FAO Regional Fisheries Officer, Madagascar, “who found this fish”

**Tomiyamichthys gomezi** Allen & Erdmann 2012
in honor of Edgardo D. Gomez (b. 1938), former Director of the Marine Sciences Institute, University of the Philippines, for his numerous and invaluable contributions to the advancement of marine science

**Tomiyamichthys lanceolatus** (Yanagisawa 1978)
referring to symmetrically lanceolate caudal fin, longer than head

**Tomiyamichthys latruncularius** (Klauserwitz 1974)
chessboard, referring to checkered pattern on first dorsal fin

**Tomiyamichthys levisquama** Hoese, Shibukawa & Johnson 2016
levis, smooth; squama, scale, referring to its cycloid scales (some congeners have ctenoid scales)

**Tomiyamichthys nudus** Allen & Erdmann 2012
bare or naked, referring to its lack of scales

**Tomiyamichthys oni** (Tomiya 1936)
from its Japanese name, Oni-haze (haze=goby)

**Tomiyamichthys praealta** (Lachner & McKinney 1981)
very high, referring to “unusually” long first four elements of spinous (first) dorsal fin

**Tomiyamichthys reticulatus** Greenfield 2017
net-like, referring to many oblong orange spots encircled with white lines forming a reticulated pattern on first dorsal fin

**Tomiyamichthys russus** (Cantor 1849)
red, presumably referring to its “[f]lesh or pale salmon-coloured” body

**Tomiyamichthys smithii** (Chen & Fang 2003)
in honor of J. L. B. Smith (1897-1968), for describing Flabelligobius (original genus, now a junior synonym of *Tomiyamichthys*) and his “great ichthyological achievements for the Southern Hemisphere”

**Tomiyamichthys stuarti** Allen, Erdmann & Brooks 2018
in honor of Stuart Mathews Brooks, the third author’s son (see also *Gobiopsis jackbrooki* and *Priolepis billbrooki*)

**Tomiyamichthys tanyspilus** Randall & Chen 2007
tany, long; spilus, spot, referring to elongate shape of its five midlateral dark-brown spots

**Tomiyamichthys zonatus** Allen 2015
belted or girdled, referring to diagnostic brown bars on ventral body of males

*Trimma* Jordan & Seale 1906
anything rubbed or crushed, allusion not explained, perhaps referring to “firmer” texture and/or “less translucent” color compared to the similar *Eviota*
Trimma abyssum Allen 2015
the deep sea, referring to its unusually deep habitat (107 m) in comparison with most gobiid fishes

Trimma agrena Winterbottom & Chen 2004
agrenon, Greek for net, referring to mesh-like pattern on body formed by strongly outlined scale pockets

Trimma anaima Winterbottom 2000
bloodless, pale or anemic, referring to its “pale, almost washed-out” coloration

Trimma annosum Winterbottom 2003
full of years, long lived or aged, referring to its plain gray cheeks, reminiscent of some elderly, bearded human males

Trimma antrenum Winterbottom 2006
wild bee, wasp or hornet, a “perhaps fanciful allusion” to the aposematic coloration of yellow with black stripes (at bases of dorsal and anal fins)

Trimma aturirii Winterbottom, Erdmann & Cahyani 2015
in honor of Abraham Atururi (b. 1950), Governor of West Papua province from 2006-2016, for his “energetic efforts to ensure the conservation and wise, sustainable use of the hugely diverse coral reefs of the Bird’s Head Seascape [where this goby occurs] for the benefit of the Papuan people” [note: since the authors consistently misspelled the Governor’s name as “Aturiri,” it does not represent a typo or printer’s error and therefore cannot be corrected]

Trimma avidori (Goren 1978)
in honor of ichthyologist A. Avidor, Tel Aviv University, who collected type

Trimma barralli Winterbottom 1995
in honor of Glen E. Barrall, dive master and underwater photographer “par excellance,” who provided Winterbottom with many “superb” slides of species of Trimma in their natural habitat, including those used in the description of this one

Trimma bathum Winterbottom 2017
latinization of the Greek bathos, deep or deep water, referring to depth at which it was collected (50-90 m)

Trimma benjamini Winterbottom 1996
in honor of Peter Benjamin of Benjamin Film Laboratory (Toronto), who provided Winterbottom with free 35mm film and processing over the past two decades and who has participated in several collecting expeditions

Trimma bisella Winterbottom 2000
bi-, two; sella, saddle, referring to two white saddle-like markings on dorsal and ventral margins of caudal peduncle

Trimma blematium Winterbottom & Erdmann 2018
ble, blue; matium, eyed, referring to distinctive blue dorsal surfaces of its eyes

Trimma burridgeae Winterbottom 2016
in honor of Mary Elizabeth Burridge, for her extensive work in revising the genus Priolepis, her ongoing work on barcoding Trimma spp., her field work collecting fishes in the Philippines and Viet Nam, and her extensive contributions to the maintenance of the fish and frozen tissue collections at the Royal Ontario Museum

Trimma caesiura Jordan & Seale 1906
caeus, bluish-gray; ouros, tail, referring to gray spot on back of caudal fin

Trimma cana Winterbottom 2004
latinization of first three letters of both the Anglo-Saxon words candy and cane, referring to its candy cane-like red bands on a white body

Trimma capostriatum (Goren 1981)
caputus, head; stratus, striped, referring to alternating red and charcoal-blue stripes on head

Trimma caudipunctatum Suzuki & Senou 2009
cauda-, tail; punctatum, spotted, referring to “distinctive polka dots” on caudal fin

Trimma caudomacularum Yoshino & Araga 1975
caudo-, tail; maculatum, spotted, referring to darkish red blotch at caudal base

Trimma cheni Winterbottom 2011
in honor of L.-Shiung Chen, National Taiwan Ocean University, for his numerous publications on Indo-Pacific reef fishes in general, and gobies in particular

Trimma chledophilum Allen 2015
chledos, mud; phileo, loving, referring to its predilection for mud-bottom habitats, which is unusual for Trimma, which are more commonly found on coral reefs

Trimma christianeae Allen 2019
in honor of Christiane Waldrich (b. 1957), underwater photographer and co-owner of dive-resort, who photographed this goby while scuba diving and brought it to Allen’s attention; her “underwater observation skills were instrumental
in the discovery” of this species

**Trimma corallinum** (Smith 1959)
etymology not explained, perhaps referring to its occurrence on and/or similar color as coralline (red) algae

**Trimma corefenum** Winterbottom 2016
arbitrary combination of letters (pronounced “core-ref-um”) reflecting the Coral Reef Research Foundation in Palau; “This organization, established and operated by Pat and Lori Colin, has not only spearheaded marine research in Palau through the efforts of its founders, but has also provided laboratory and research facilities while acting as a home away from home for innumerable scientists working on marine organisms of the Palauan Islands for almost a quarter of a century.”

**Trimma dalerocheila** Winterbottom 1984
daleros, hot or fiery; cheilos, lip, referring to fiery red snout and lips; name also alludes to Ms. Holly Arnold, who helped collect type, and who, in the “male dominated” society of the Chagos Archipelago (type locality), was called a “scarcely appropriate nickname” (“Holly Hotlips,” Richard Winterbottom, pers. comm.)

**Trimma emeryi** Winterbottom 1985
in honor of Alan Roy Emery (b. 1939), Curator, Ichthyology and Herpetology, Royal Ontario Museum, “friend colleague, and diving buddy, in memory of our expeditions to the Indo-Pacific”

**Trimma erdmanni** Winterbottom 2011
in honor of marine biologist Mark V. Erdmann (b. 1968), for his “deep interest in Trimma (and other fishes, of course), his enthusiastic collection and documentation of specimens of this genus for the present author’s research program, his friendship, and for the superb job he does for Conservation International’s Indonesian Marine Program”

**Trimma erwani** Viviani, Williams & Planes 2016
in honor of evolutionary biologist and diver Erwan Delrieu-Trottin, who helped collect type in the Marquesas (as well as on other French Polynesia expeditions), and who worked late into the night with Williams taking tissue samples and processing specimens

**Trimma fangi** Winterbottom & Chen 2004
in honor of Lee-Shing Fang (b. 1951), head of the National Museum of Marine Biology and Aquarium (Ping Tung, Taiwan), for his “enthusiastic support of the second author’s current research program”

**Trimma fasciatum** Suzuki, Sakaue & Senou 2012
banded, referring to four broad bright yellow bands on body

**Trimma filamentosus** Winterbottom 1995
filament, i.e., a “fine untwisted thread,” referring to elongate second spine of first dorsal fin

**Trimma finistrinum** Winterbottom 2017
porthole, referring to lines of yellow spots along sides, reminiscent of lighted portholes of an ocean liner at night

**Trimma fishelsoni** Goren 1985
in honor of ecologist and marine biologist Lev Fishelson (1923-2013), Tel-Aviv University, for his “tremendous” contribution to our knowledge of the fauna of the Red Sea, where this goby is endemic

**Trimma flammeum** (Smith 1959)
bright red or burning, referring to its red coloration in life

**Trimma flavatrum** Hagiwara & Winterbottom 2007
flavus, yellow; atran, black, referring to its “unusual” yellow-and-black coloration in life; dark-yellow to yellowish-brown body that gradually darkens posteriorly, a dark-brown to black caudal peduncle, and yellow to orange median fins (except caudal) with a dark or black basal stripe formed by melanophores with scattered iridocytes

**Trimma flavicaudatum** (Goren 1982)
flavus, yellow; caudatum, tailed, referring to its yellow caudal peduncle and caudal fin

**Trimma fraena** Winterbottom 1984
fraenum, bridle, rein or bit, a “term used in goby systematics for the membrane that interconnects the tips of the pelvic spines across the midline to help create the sucking disk found in many gobiid fishes”; this species is the only known Trimma (at time of description) to possess this structure

**Trimma fucatum** Winterbottom & Southcott 2007
painted, colored or rouged, referring to red markings on and around preopercle (and suggesting its provocative common name, Harlot Pygmy Goby, a harlot being a Middle English word for prostitute or promiscuous woman, drawing a descriptive parallel between the goby’s red markings and the over-abundance of red facial make-up that some prostitutes apply to make themselves more attractive or to announce their availability to potential clients)

**Trimma gigantum** Winterbottom & Zur 2007
giant, referring to its extremely large size (for a pygmy goby), up to 29.9 mm SL
Trimma grammistes (Tomiyama 1936)
lined, presumably referring to its longitudinal dark bands, one across eye extending along upper body, and a narrower
band from upper orbital margin to soft dorsal fin

Trimma griffithsi Winterbottom 1984
in honor of Major John D. Griffiths, Royal Signals, leader of the 1978-1979 British Armed Forces Chagos Expedition,
whose “leadership and hard work resulted in a highly successful expedition” during which type was collected

Trimma habrum Winterbottom 2011
delicate, dainty or graceful, referring to the “soft and delicate shades” of color of freshly collected specimens

Trimma haima Winterbottom 1984
Greek for a stream of blood, referring to three blood-red vertical bars on head

Trimma haimassum Winterbottom 2011
from the Greek haimason, stained with blood, referring to blood-red spot above posterior end of opercle in live and
fresh specimens

Trimma halonevum Winterbottom 2000
derived from halo nevus, a skin condition characterized by pale spots with a red center, referring to similar spots on its
body

Trimma hamartium Winterbottom 2018
Greek for a mistake or error in judgment, referring to Winterbottom’s error in not recognizing the differences between
this species and T. preclarum when describing the latter

Trimma hayashii Hagiwara & Winterbottom 2007
in honor of Masayoshi Hayashi, Curator, Yokosuka City Museum, who referred to it as an undescribed species in
1997 and provided a photograph of holotype for the description

Trimma heleneae Winterbottom, Erdmann & Cahyani 2014
in honor of Helen Newman (d. 2014), one of the founders of Sea Sanctuaries Trust, and leader of the survey that led
to the discovery of this goby, for her tireless conservation efforts over the past decade on behalf of Raja Ampat and its
indigenous communities

Trimma hoesei Winterbottom 1984
in honor of ichthyologist Douglass F. Hoese (b. 1942), Australian Museum (Sydney), who generously shared his
extensive knowledge of goboid fishes with Winterbottom during field trips, museum visits, and by correspondence,
and whose input has frequently saved Winterbottom from making “glaring errors”

Trimma hollemani Winterbottom 2016
in honor of Wouter Holleman, South African Institute for Aquatic Biodiversity, “friend, diving partner, collector
extraordinaire, and processor of fishes both small and large on my expeditions for too many decades to detail. He is
also a world expert on the systematics of tripterygiid and clind fishes.”

Trimma hotsarihiense Winterbottom 2009
-enens, suffix denoting place: Hotsarihie, local Tobian name for Helen Reef, only know area of occurrence, in appreciation
of the support of the Helen Reef Resource Management Project and the friendlyliness and helpfulness of the people of
Tobi and of Palau in general; Hotsarihie means “reef of the giant clams” and is pronounced “jo-cha-reethee”

Trimma imaii Suzuki & Senou 2009
in honor of Keisuke Imai, volunteer, Fish Division, Kanagawa Prefectural Museum of Natural History (Kanagawa,
Japan), who collected type

Trimma insularum Winterbottom & Hoese 2015
of an island, referring to its distribution, which is apparently confined to the Cocos (Keeling) Islands

Trimma irinae Winterbottom 2014
in honor of Winterbottom’s wife, Irina, as a small token of his appreciation and gratitude for her patience and
fortearence of what she once referred to as his “magnificent obsession” with coral reef fishes

Trimma kardium Winterbottom, Erdmann & Cahyani 2015
heart, referring to two ovoid red spots that are joined anteriorly on ventral surface of head, which have an “admittedly
tenuous stereotypical resemblance” to a heart when viewed from below

Trimma kitrinum Winterbottom & Hoese 2015
kalan, Greek for beautiful, referring to its “delicate” yellow coloration

Trimma kudoi Suzuki & Senou 2008
in honor of Takahiro Kudo, Kanagawa Prefectural Fisheries Technology, who helped collect and supplied type
Trimma lantana Winterbottom & Villa 2003
named for the ubiquitous tropical plant Lantana, the inflorescences of which are a varying assortment of yellow, orange, purple, and reddish-pink flowers, alluding to the colorful nature of this goby and the rounded blotches on its head

Trimma lutea Viviani, Williams & Planes 2016
yellow, referring to yellow bars on body

Trimma macrophthalmus (Tomiyama 1936)
macro-, large; opthalmus, eye, presumably referring to size of eye, a little shorter than half length of head

Trimma maiandros Hoese, Winterbottom & Reader 2011
named for the Greek god of the winding Meander River in Phrygia (now the Büyük Menderes River in Turkey), and origin of the Anglo-Saxon word meander (a winding or crooked course), referring to zigzag pattern of gray-to-blue lines on body

Trimma marinae Winterbottom 2005
named after Marina, one of many names attributed to Aphrodite (Goddess of the Sea), whose legendary beauty is reminiscent of this “gorgeous little species”; it is also, coincidentally, the name of Winterbottom’s daughter, “whose cheerful assistance in collecting and documenting coral reef fishes for my research program is much appreciated”

Trimma matsunoi Suzuki, Sakaue & Senou 2012
in honor of Kazushi Matsuno, AQUAS Kashiwajima Diving Service (Kochi, Japan), who discovered this goby

Trimma meityae Winterbottom & Erdmann 2018
in honor of Meity Mongdong, “one of Indonesia’s foremost marine conservationists, who has dedicated the past several decades of her career towards expanding and improving the management of marine protected areas in West Papua, including the Cendrawasih Bay National Park,” where this goby is found

Trimma mendelssohni (Goren 1978)
in honor of Heinrich Mendelssohn (1910-2002), Tel Aviv University, for his “invaluable” contributions to zoological research and nature conservation in Israel

Trimma meranyx Winterbottom, Erdmann & Cahyani 2014
mera, day; nyx, night, referring to unique coloration of a black peduncle with twin “suns” (large white spots) dorsally and ventrally

Trimma meristem Winterbottom & Hoese 2015
meristos, Greek for divided, referring to two dichotomous branches in the fifth pelvic-fin ray resulting in four terminal tips, a diagnostic character for this species

Trimma milta Winterbottom 2002
from the Greek militos, red earth, referring to predominant ground and topsoil color of type locality (Moorea, Society Islands)

Trimma multiclitellum Allen 2015
multi-, many; clitella, saddle, referring to seven alternating dark-brown and chalk-white bars on upper half of body

Trimma nasa Winterbottom 2005
derived from the Anglo-Saxon nasal, a bar descending from front of many medieval helmets to protect the nose of the wearer, referring to stripe on snout

Trimma nauagium Allen 2015
Greek for shipwreck, known only from the outer hull of the Muscoota, a World War II shipwreck at Waga Waga in Milne Bay, Papua New Guinea

Trimma naudei Smith 1957
in honor of physicist Stefan Meiring Naudé (1905-1985), President of the South African Council for Scientific and Industrial Research

Trimma necopinum (Whitley 1959)
unexpected, allusion not explained nor evident

Trimma nomurai Suzuki & Senou 2007
in honor of Tomoyuki Nomura, volunteer, Fish Division, Kanagawa Prefectural Museum of Natural History (Kanagawa, Japan), who collected and provided type

Trimma okinawae (Aoyagi 1949)
of the Okinawa Islands of Japan, type locality

Trimma omanense Winterbottom 2000
-ensis, suffix denoting place: Gulf of Oman, only known area of occurrence

Trimma pajama Winterbottom, Erdmann & Cahyani 2014
loose clothing worn when retiring for the night, referring to contrasting stripes so common in at least the British
version of that garment

**Trimma papayum** Winterbottom 2011

latinization of papaya, a tropical tree whose fruit has orange flesh and small black seeds, referring to overall coloration and small black spot or spots on first dorsal fin

**Trimma pentherum** Winterbottom & Hoese 2015

of mourning, a “perhaps far-fetched allusion to the black bar on the pectoral-fin base which, with considerable imagination, could be viewed as analogous to the black arm band worn in certain cultures to signify the death of a close friend or relative”

**Trimma preclarum** Winterbottom 2006

splendid or very beautiful, referring to its “wonderful” coloration when alive, especially its multi-hued iris

**Trimma putrai** Winterbottom, Erdmann & Mambrasar 2019

in honor of Ketut Sarjana Putra, head of Conservation International Indonesia and “one of Indonesia’s foremost marine conservationists”; his “work over the past three decades has ranged from sea-turtle conservation to pioneering large-scale marine-protected-area network development, and has focused on both the Lesser Sunda Islands and West Papua—precisely the range of this new species”

**Trimma quadrimalatum** Hoese, Bogorodsky & Mal 2015

quadrus, four fold; maculatus, spotted, referring to four prominent subcutaneous spots above anal fin and ventral caudal peduncle

**Trimma randalli** Winterbottom & Zur 2007

in honor of John E. Randall (1924-2020), Bishop Museum (Honolulu), “guru of the alpha-taxonomy of Indo-Pacific marine fishes,” who first brought specimens of this species to the authors’ attention, and who has made a special effort to collect and photograph *Trimma* for the senior author’s research program

**Trimma readerae** Winterbottom & Hoese 2015

in honor of Sally Reader, Australian Museum (Sydney), for the many years she has spent painstakingly gathering, analyzing and documenting data on *Trimma* for Hoese’s research program

**Trimma rubromaculatum** Allen & Munday 1995

rubro-, red; maculatus, spotted, referring to deep-red spots on head, nape and sides of living specimens

**Trimma sanguinellum** Winterbottom & Southcott 2007

diminutive of sanguis, i.e., “little blood,” and root of the Spanish sanguinello, a variety of blood orange, whose red-suffused flesh resembles this goby’s unusual body color

**Trimma sheppardi** Winterbottom 1984

in honor of ecologist Charles R. C. Sheppard (b. 1949), scientific leader on the Chagos Expedition during which type was collected, for his many efforts to ensure the participating scientists had everything they needed [note: Winterbottom incorrectly gave Sheppard’s middle initial as “S.”]

**Trimma sostra** Winterbottom 2004

derivation of Sostratus, the Cnidian designer and builder of the Lighthouse of Alexandria (ca. 350 BC, one of the seven wonders of the ancient world), referring to its red and white bars, which are reminiscent of the colors of many 20th-century lighthouses

**Trimma squamicana** Winterbottom 2004

squama, scale, referring to its scaled name; cana, latinization of first three letters of both the Anglo-Saxon words candy and cane, referring to its candy cane-like red bands on a white body

**Trimma stobbsi** Winterbottom 2001

in honor of Robin E. Stobbs, “friend, guru, and colleague, whose expertise in so many things was instrumental in launching [Winterbottom’s] career (especially the fieldwork aspects) all those years ago at the JLB Smith Institute of Ichthyology in Grahamstown, South Africa”

**Trimma striatum** (Herre 1945)

striped, referring to six longitudinal pale stripes on head

**Trimma tauroculum** Winterbottom & Zur 2007

taurus, bull; oculus, eye, referring to bullseye-like marking above pectoral fin

**Trimma taylori** Lobel 1979

in honor of Leighton R. Taylor, Jr. (b. 1940), on the occasion of his appointment as director of the Waikiki Aquarium, continuing a tradition that each of the Aquarium’s directors have a uniquely Hawaiian fish as a namesake

**Trimma tevegae** Cohen & Davis 1969

named for Stanford University research vessel *Te Vega*, a converted luxury yacht, from which type was collected

**Trimma trioculatum** Erdmann & Cahyani 2015

tri-, three; oculatus, eyed, referring to “extra apparent eye” formed by dark ocellated spot on first dorsal fin
Trimma unisquame (Gosline 1959)
*uni-*-, one; *squamus*, scale, referring to single scale on cheek

Trimma volcanica Winterbottom 2003
referring to amber-red spots on an earthy brown background that resemble numerous small, volcanic vents on a lava field; also suggestive of the hot-spot origins of the Comores Islands, where it occurs

Trimma wangunui Winterbottom & Edrmann 2019
in honor of Noel Wangunu, “one of Papua New Guinea’s foremost reef scientists and marine conservationists,” who also assisted junior author in collections and local permits

Trimma winchi Winterbottom 1984
in honor of Peter Winch, owner and captain of the ketch *Paille-en-Queue II*, who spent nine months ferrying equipment, supplies, and expedition members around the Chagos Archipelago, and without whom the expedition during which type was collected would not have been possible

Trimma winterbottomi Randall & Downing 1994
in honor of Richard Winterbottom (b. 1944), Royal Ontario Museum, for his “excellent” research on gobies, *Trimma* in particular

Trimma woutsi Winterbottom 2002
in honor of Wouter (Wouts) Holleman, “friend, colleague, and indispensable field collaborator on many field trips” (pronounced “vouts-i”)

Trimma xanthochrum Winterbottom 2011
*xanthes*, yellow or golden; *chros*, color of the skin, referring to yellow coloration of body and caudal fin
**Trimma xanthum** Winterbottom & Hoese 2015  
yellow, yellowish-red, orange or golden, referring to presence of these colors in freshly collected specimens

**Trimma yanagitai** Suzuki & Senou 2007  
in honor of Mitsuhiro Yanagitai, NASO Dive (Ito, Shizuoka, Japan), who helped collect and provided type

**Trimma yanoi** Suzuki & Senou 2008  
in honor of Korechika Yano, Dive Service YANO (Iriomote Island, Japan), who collected type and photographed it under water

**Trimma yoshinoi** Suzuki, Yano & Senou 2015  
in honor of Tetsuo Yoshino, University of the Ryukyus (Japan), supervisor of the third author when he studied at Yoshino’s laboratory, for his “extensive” taxonomic research on the fishes of Japan

**Trimma zurae** Winterbottom, Erdmann & Cahyani 2014  
in honor of Margaret Zur, who has, for several decades, curated both the Royal Ontario Museum and borrowed material of _Trimma_ for Winterbottom’s research program, as well as taking and compiling reams of data on the specimens, plotting distributions, summarizing results, and a myriad other tasks; her work has been indispensable in keeping Winterbottom’s _Trimma_ project viable

**Trimmatom** Winterbottom & Emery 1981  
_Trimma_, a closely related genus; _atom_, a very small particle, referring to small size of _T. nanus_ and _T. officius_

**Trimmatom eviotops** (Schultz 1943)  
ops, appearance, referring to its similarity to _Eviota_

**Trimmatom macropodus** Winterbottom 1989  
macro-, long; _podos_, foot, referring to extremely long fourth pelvic-fin ray

**Trimmatom nanus** Winterbottom & Emery 1981  
dwarf, referring to small size at maturity, 8-10 mm SL

**Trimmatom officius** Winterbottom & Emery 1981  
a paint or wash, usually red in color, referring to orange-red bar beneath eye

**Trimmatom pharus** Winterbottom 2001  
Latin for lighthouse or beacon, both of which are usually painted with alternating red and white bands, referring to the color of living and fresh specimens

**Trimmatom sigma** Winterbottom 1989  
Greek for saddle, referring to pattern of small dark saddles across dorsum

**Trimmatom zapotes** Winterbottom 1989  
Greek for a hard drinker, referring to its red anterior nasal tube (e.g., drinker’s nose, or rhinophyma, thought to be related to excess alcohol consumption)

**Tryssogobius** Larson & Hoese 2001  
_trysos_, dainty or delicate, presumably referring to small size of _T. colini_ (32.5 mm SL) and _T. longipes_ (18.0 mm SL)

**Tryssogobius colini** Larson & Hoese 2001  
in honor of coral-reef biologist Patrick L. Colin (b. 1946), who collected type and other specimens

**Tryssogobius fisunovi** Prokofiev 2017  
in honor of Georgy Kasayanovich Fissunov (note spelling, see _Myctophum fisunovi_ in Myctophiformes), Institute of Oceanology, Academy of Sciences of the USSR, who collected type serving as a senior technician-oceanologist aboard the research vessel _Vitiaz_ in 1973

**Tryssogobius flavolineatus** Randall 2006  
_flavus_, yellow; _lineatus_, lined, referring to yellow line passing from behind eye to below first dorsal fin

**Tryssogobius longipes** Larson & Hoese 2001  
_longus_, long; _pes_, foot, referring to elongate pelvic fins, especially developed in males

**Tryssogobius nigrolineatus** Randall 2006  
nigro, black; _lineatus_, lined, referring to longitudinal black line on postorbital head and side of body

**Tryssogobius porosus** Larson & Chen 2007  
pored, referring to its three preopercular pores and two pores over opercle

**Tryssogobius quinquespinus** Randall 2006  
quinque, five; _spinus_, spine, referring to five spines in first dorsal fin, a rare count for gobiid fishes (the great majority have four)

**Tryssogobius sarah** Allen & Erdmann 2012  
in honor of Sarah Crow, who accompanied Erdmann on his surveys of cryptic fish biodiversity; “It is a pleasure to
name this species after this precocious and inquisitive young ichthyologist, with the hope that this will further inspire her future investigations of the marine realm.” [a noun in apposition, without the matronymic “ae”]

Valenciennnea Bleeker 1856
-ae, adjectival suffix: patronym not identified but clearly in honor of Achille Valenciennes (1794-1865), co-author of the 22-volume Histoire Naturelle des Poissons (1828-1850), a basic reference for Bleeker and other ichthyologists of the time [note: Bleeker often spelled Valenciennes without the “s”; see Hypoatherina valenciennei (Atheriniformes: Atherinidae)

Valenciennnea allenii Hoese & Larson 1994
in honor of Gerald R. Allen (b. 1942), Western Australia Museum (Perth), for his contributions to Australian ichthyology

Valenciennnea bella Hoese & Larson 1994
pretty, presumably referring to its pinkish body coloration and two oblique stripes under eye

Valenciennnea decora Hoese & Larson 1994
adorned or elegant, presumably referring to coloration in life, including yellow stripe running length of body, one or 4-5 yellow vertical bars, and a blue-edged yellow stripe at distal edge of second dorsal fin

Valenciennnea helsdingenii (Bleeker 1858)
in honor of W. F. C. van Helsdingen, Dutch civil servant, who provided a number of well-preserved fishes from the Gorong Archipelago (Indonesia), including type of this one

Valenciennnea immaculata (Ni 1981)
unspotted, referring to lack of vertical bands compared to the similar V. muralis

Valenciennnea limicola Hoese & Larson 1994
limus, mud; -cola, inhabitant of, collected from a turbid silty mud bottom off a river mouth

Valenciennnea longipinnis (Lay & Bennett 1839)
longus, long; pinnis, fin, referring to extended rays on first dorsal fin and/or “long and pointed” caudal fin

Valenciennnea muralis (Valenciennes 1837)
pertaining to a wall, its color markings resembling the lines of a stone wall

Valenciennnea parva Hoese & Larson 1994
dwarf, referring to its small size, maximum 54 mm SL

Valenciennnea persica Hoese & Larson 1994
Persian, referring to the Persian Gulf, where it is endemic

Valenciennnea puellaris (Tomiyama 1956)
damsel-like, referring to its “supposed gay coloration in life”

Valenciennnea randalli Hoese & Larson 1994
in honor of ichthyologist John E. Randall (b. 1924), Bishop Museum (Honolulu), who provided the “initial impetus” for the authors’ revision of the genus and supplied numerous specimens and photographs

Valenciennnea sexguttata (Valenciennes 1837)
sex, six; guttata, spotted, presumably referring to silver spots, consisting of two longitudinal rows of three spots each, on cheek and operculum

Valenciennnea strigata (Broussonet 1782)
striped, referring to its bluish, black-edged streak or stripe from angle of mouth to operculum

Valenciennnea wardii (Playfair 1867)
in honor of British diplomat Swinburne Ward (1830-1897), Her Majesty’s Civil Commissioner for the Seychelles (even though this goby was described from Zanzibar, Tanzania)

Valenciennnea yanoi Suzuki, Senou & Randall 2016
in honor of Korechika Yano, Dive Service YANO (Iriomote Island, Japan), who discovered this species and photographed it under water

Vanderhorstia Smith 1949
-ia, belonging to: Cornelius Jan van der Horst (1889-1951), Head of the Zoology Department, Witwatserand University (Johannesburg, South Africa), “well known as a marine biologist”

Vanderhorstia ambanoro (Fourmanoir 1957)
named for Ambanoro Bay, Nossi-Bé, Mozambique Channel, Madagascar, type locality

Vanderhorstia atricypea (Garman 1903)
etymology not explained, presumably atr-, black, referring to black ventral fins and/or black spot on bases of caudal-fin rays; cypeus, shield, perhaps referring to large ctenoid scales with minute teeth
Vanderhorstia attenuata Randall 2007
drawn out or tapering, referring to prolonged tapering filament formed by middle five caudal-fin rays

Vanderhorstia auronotata Randall 2007
aurum, gold; notata, marked, referring to its many bright orange-yellow markings

Vanderhorstia auropunctata (Tomiyama 1955)
aureus, golden; punctatus, spotted, referring to golden-yellow spots scattered on head and body

Vanderhorstia bella Greenfield & Longenecker 2005
beautiful, referring to its “striking” coloration, lavender on head and body and many bright yellow spots

Vanderhorstia belloides Randall 2007
oides, having the form of: referring to its resemblance to V. bella

Vanderhorstia cyanolineata Suzuki & Chen 2014
cyaneus, blue; lineatus, lined, referring to conspicuous longitudinal purplish-blue stripe from middle body crossing through entire middle region of caudal fin

Vanderhorstia dawnarnallae Allen, Erdmann & Mongdong 2019
in honor of businesswoman and philanthropist Dawn Arnall, who funded expedition that led to the discovery of this goby and “provided critical support and advice to the Bird’s Head Seascape marine conservation initiative that now protects the habitat of this new species”

Vanderhorstia delagoae (Barnard 1937)
of Delagoa Bay, Mozambique, type locality

Vanderhorstia dorsomacula Randall 2007
dorso-, dorsal; macula, spot, referring to black spot in middle of first dorsal fin between fourth and fifth spines

Vanderhorstia flavilineata Allen & Munday 1995
flavus, yellow; lineata, lined, referring to pair of yellow-orange stripes on sides

Vanderhorstia fulvopelvis Suzuki & Chen 2014
fulvus, brownish yellow (but often used to mean yellow in general); pelvis, pelvic, referring to conspicuous “shiny yellow” mark on pelvic fin in male

Vanderhorstia hiramatsui Iwata, Shibukawa & Ohnishi 2007
in honor of Wataru Hiramatsu (Laboratory of Marine Biology, Kochi University), who collected type

Vanderhorstia kizakura Iwata, Shibukawa & Ohnishi 2007
Japanese vernacular for a variety of cherry tree with turmeric-colored blossoms, referring to bright-yellow dots and lines scattered on head and body

Vanderhorstia lepidobucca Allen, Peristiwady & Erdmann 2014
lepidus, scaly; bucca, cheek, only member of genus with scales on preoperculum

Vanderhorstia longimanus (Weber 1909)
longus, long; manus, hand, referring to long pectoral fins, nearly reaching middle of second dorsal fin

Vanderhorstia macropteryx (Franz 1910)
macro-, long; pteryx, fin, referring to its long pectoral fins, 3½ in TL

Vanderhorstia mertensi Klausewitz 1974
in honor of herpetologist Robert Mertens (1894-1975), former director, Naturmuseum Senckenberg (Frankfurt), under whom Klausewitz gained a complete biological and ecological view of modern systematics and taxonomy

Vanderhorstia nannai Winterbottom, Iwata & Kozawa 2005
of the Sumerian moon god Sin, who had several different names corresponding to phases of the moon; the name “Nanna” represented the full moon, referring to moon-like lateral spots on this goby

Vanderhorstia nobilis Allen & Randall 2006
majestic, referring its previously published (2003) common name, Majestic Shrimpgoby

Vanderhorstia opercularis Randall 2007
referring to prominent black spot on opercle

Vanderhorstia ornatissima Smith 1959
superlative of ornatus, handsome, splendid or decorated, presumably referring to its “[b]rilliant” coloration in life

Vanderhorstia papilio Shibukawa & Suzuki 2004
butterfly, referring to its elongate, filamentous fifth and ninth branched caudal-fin rays, which look like the “tails” of the Swallowtail Butterfly

Vanderhorstia phaeostictus (Randall, Shao & Chen 2007)
phaeos, brown or dusky; stictus, small spots, referring to profusion of small dark spots on body
**Vanderhorstia puncticeps** (Deng & Xiong 1980)
*punctus*, speckled; *ceps*, head, referring to irregular yellow blotches and stripes on head

**Vanderhorstia rapa** Iwata, Shibukawa & Ohnishi 2007
*rapum*, turnip or rapeseed, referring to minute golden-yellow spots on head, body and fins, similar to rapeseed blossoms

**Vanderhorstia steelei** Randall & Munday 2008
in honor of ichthyologist Mark H. Steele (b. 1967), California State University (Northridge, California), who photographed the goby in its habitat and alerted the authors of its existence

**Vanderhorstia stegauchenia** Prokofiev 2017
*stegos*, roof; *auchenos*, nape, referring to completely scaled predorsal region

**Vanderhorstia vandersteene** Allen, Erdmann & Brooks 2020
a noun in apposition for the combined surnames of Rob van der Loos (also spelled Vanderloos) and Roger C. Steene (b. 1942), "two highly esteemed underwater photographers who have contributed greatly to our knowledge of the reef fishes of Milne Bay and who have been loyal diving companions over the course of three decades of exploration of the region"

**Vanderhorstia wayag** Allen & Erdmann 2012
named for Wayag Island, Raja Ampat Islands, West Papua, Indonesia, type locality (and location of a Conservation International field station)

**Vanneaugobius** Brownell 1978
*Vanneau*, ship from which *V. dollfusi* was collected; *gobius*, goby

**Vanneaugobius canariensis** Van Tassell, Miller & Brito 1988
-ensis, suffix denoting place: Gran Canaria, Canary Islands, type locality (also occurs off Madeira and Cape Verde Islands)

**Vanneaugobius dollfusi** Brownell 1978
in honor of Robert-Philippe Dollfus (1887-1976), ichthyologist and parasitologist, who co-organized the *Vanneau* expeditions (1923-1926) along Morocco’s Atlantic coastline, during which type was collected; in addition, his 1955 checklist of Moroccan Atlantic fishes has been “very helpful” to subsequent workers in the field

**Vanneaugobius pruvoti** (Fage 1907)
in honor of Fage’s teacher, physician-zoologist Georges Pruvot (1852-1924), who helped collect this goby and urged Fage to study it

**Varicus** Robins & Böhlke 1961
with feet spread out, referring to its nearly separate (compared to fused) ventral fins

**Varicus adamsi** Gilmore, Van Tassell & Tornabene 2016
in honor of the late “famed” research submersible (Johnson Sea Link) pilot Michael Adams, who “painstakingly” captured both Bahamas specimens during a 30-45 minute chase using a 26-ton submarine in “simultaneous multiple thrust, multidirectional mode”; he was one of the five original research submersible pilots in the United States

**Varicus benthonis** (Ginsburg 1953)
-*is*, adjectival suffix: *benthos*, the deep, presumably referring to its deepwater habitat (collected at 153.6 m)

**Varicus bucca** Robins & Böhlke 1961
mouth, but here meaning “puffed cheek,” referring to moderately protractile mouth

**Varicus cephalocellatus** Gilmore, Van Tassell & Baldwin 2016
*cephalus*, head; *ocelli*, eyespot, referring to series of ocelli on head extending from mouth diagonally to nape

**Varicus decorum** Van Tassell, Baldwin & Tornabene 2016
decorated, adorned, beautiful or elegant, referring to beautiful round yellow markings on dorsal surface of body

**Varicus lacerta** Tornabene, Robertson & Baldwin 2016
lizard, referring to its “reptilian or saurian appearance” as indicated by its bright yellow-and-orange coloration, green eyes, disproportionately large head possessing raised ridges of papilla, and multiple rows of recurved canine teeth in each jaw (its common name, Godzilla Goby, refers to the radioactive reptilian monster from the sea that appeared in Japanese science-fiction films as Gojira, renamed Godzilla in subsequent English-language films)

**Varicus marilynae** Gilmore 1979
in honor of Gilmore’s wife Marilyn, who aided her husband “considerably” in his ichthyological studies

**Varicus nigritus** Gilmore, Van Tassell & Baldwin 2016
black, referring to diagnostic dark-black wide bars on trunk

**Varicus veliguttatus** Van Tassell, Baldwin & Gilmore 2016
*velum*, sail; *guttatus*, spotted or speckled, referring to scattered black markings on first dorsal fin
Varicus vespa (Hastings & Bortone 1981)
wasp, referring to wasp-like olive vertical bars on body

Vomerogobius Gilbert 1971
vomer, referring to teeth that may be present on vomer; gobius, goby

Vomerogobius flavus Gilbert 1971
yellow, referring to bright yellow color in life

Wheelerigobius Miller 1981
in honor of Alwyne C. Wheeler (1929-2005), Curator of Fishes at the British Museum, whose help was “invaluable” in Miller’s work on gobies for Checklist of the Fishes of the Eastern Tropical Atlantic; gobius, goby

Wheelerigobius maltzani (Steindachner 1881)
in honor of German malacologist and Steindachner’s “dear” (translation) friend, Hermann von Maltzan (1843-1891), who provided type

Wheelerigobius wirtzi Miller 1988
in honor of blenny taxonomist Peter Wirtz (b. 1948), Universidade da Madeira (Portugal), who collected type, and, “as on previous occasions, kindly forwarded these non-blenniids to the author”

Yoga Whitley 1954
Sanskrit word for yoke, i.e., to bind or bridge, referring to how this genus is “apparently intermediate in characters” between Ctenogobius (Oxudercidae) and Cryptocentrus; Whitley is thereby “linking them together” by proposing this name

Yoga pyrops (Whitley 1954)
pyr-, pyriform; ops, eye, referring to its pear-shaped eyes

Yongeichthys Whitley 1932
named for zoologist Charles Maurice Yonge (1899-1986), leader of the Great Barrier Reef Expedition (1928-1929); ichthys, fish

Yongeichthys nebulosus (Forsskål 1775)
cloudy, referring to its rough, dark-cloudy (“fusco-nebulosis”) scales

Yongeichthys thomasi (Boulenger 1916)
in honor of anthropologist Northcote W. Thomas (1868-1936), who collected type

Yongeichthys tuticorinensis (Fowler 1925)
-ensis, suffix denoting place: Tuticorin, Madras, India, type locality

Zagadkogobius Prokofiev 2017
zagadka, Russian word for mystery (per English version of paper, but a better translation would be “puzzle, riddle or enigma”), referring to its unusual combination of diagnostic characters; gobius, goby

Zagadkogobius ourlazon Prokofiev 2017
Greek for “mourner at a funeral,” referring to large dark spot under eye

Zebrus de Buen 1930
tautonymous with Gobius zebrus

Zebrus zebrus (Risso 1827)
zebra, referring to zebra-like color pattern of whitish transverse bands encircling a dark body