

The *ETYFish* Project

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COMMENTS: 

v. 26.0 - 21 March 2024

Order GOBIIFORMES (part 5 of 7)

Family GOBIIDAE Gobies (*Didogobius* through *Heteroplopomus*)

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

***Didogobius* Miller 1966**

Dido, an ancient queen of Tyre, who sailed the eastern Mediterranean (where *D. bentuvii* occurs) to found the city of Carthage; *gobius*, goby

***Didogobius bentuvii* Miller 1966**

in honor of Adam Ben-Tuvia (1919-1999), Hebrew University of Jerusalem, who collected type and made many valuable contributions to Mediterranean ichthyology

***Didogobius kochi* Van Tassell 1988**

in honor of Rudolf Koch, who ran a dive shop on the south shore of Gran Canaria; he took Van Tassell diving, filled his tanks and repaired equipment problems (all for no charge), and whose knowledge of underwater habitats led to the discovery of new species and range extensions for gobioid fishes in the Canary Islands (James L. Van Tassell, pers. comm.)

***Didogobius lanceolatus* Schliewen, Knorrn & Böhmer 2023**

Latin for “with a little lance,” from *lanceola*, a diminutive of *lancea*, meaning “lancet”, i.e., a small lancet, referring to its lancet-shaped caudal fin

***Didogobius schlieweni* Miller 1993**

in honor of ichthyologist Ulrich Schliewen, Zoologische Staatssammlung München, who collected type and suggested the common name Andromeda Goby because of its nebula-like pattern of light and dark markings

***Discordipinna* Hoese & Fourmanoir 1978**

discors, different; *pinna*, fin, referring to “peculiar” placement of first dorsal fin (originating over posterior end of operculum, widely separated from second dorsal fin) and elongated rays of first dorsal and pectoral fins of *D. griessingeri*

***Discordipinna filamentosa* Chen, Suzuki & Shao 2012**

filamentous, referring to thread-like elongation of anterior two spinous rays of first dorsal fin

***Discordipinna griessingeri* Hoese & Fourmanoir 1978**

in honor of J. M. (not S. as stated in description) Griessinger, then based at the Centre Océanologique du Pacifique (Vairao, Tahiti) and member of expedition to the Gambier Archipelago, where he collected a paratype (Douglass F. Hoese, pers. comm.)

***Discordipinna vibrissa* Allen & Erdmann 2024**

Latin for whisker, referring to its whisker-like enlarged cephalic sensory-papilla tentacles

***Dotsugobius* Shibukawa, Suzuki & Senou 2014**

Dotsu, named for Yoshie Dotsu (spelled “Dôtu” in his early publications), Nagasaki University (Japan), supervisor of the second author, for his “great” contribution to our knowledge about early-life history and taxonomy of Japanese fishes, particularly the gobies; *gobius*, goby

***Dotsugobius bleekeri* (Popta 1921)**

in honor of Pieter Bleeker (1819-1878), the “outstanding” (translation) ichthyologist of the Dutch East Indies

***Drombus* Jordan & Seale 1905**

etymology not explained; presumably not a local Filipino name for *D. palackyi* since Jordan used the same word for a Hawaiian frogfish, *Antennarius drombus*, in 1903

***Drombus bontii* (Bleeker 1849)**

patronym not identified, perhaps in honor of Jacobus Bontius (Jacob de Bondt, 1592-1631), Dutch physician and pioneer of tropical medicine, whose 1631 “*Historiae naturalis et medicae Indiae orientalis*” was cited by Bleeker several times in other works (footnote: Bontius introduced the word “Orang Hutan” into western languages)

***Drombus dentifer* (Hora 1923)**

dentis, tooth; *fero*, to bear, referring to its well-developed canine-like teeth

***Drombus flavimentus* Allen & Erdmann 2024**

flavus, yellow; *mentus*, chin, referring to its bright-yellow chin and adjacent parts of body

***Drombus globiceps* (Hora 1923)**

globus, globe or sphere; *cephalus*, head, referring to its “almost globular” head

***Drombus halei* Whitley 1935**

in honor of Herbert M. Hale (1895-1963), Director of the South Australian Museum

***Drombus key* (Smith 1947)**

etymology not explained, perhaps *key*, from the Spanish *cay*, a ridge of small rocks or islands in the sea, referring to Inhaca Island, Mozambique, type locality, or perhaps in honor a member of Smith’s staff or a Portuguese East Africa authority who assisted Smith during the June-July 1946 expedition that collected type (Smith named several new species in the same paper in honor of these individuals, but “Key” is not included in his acknowledgment)

***Drombus lepidothorax* Whitley 1945**

lepto-, scaled; *thorax*, breast or chest, proposed as a subspecies of *D. halei* with a scaly (vs. scaleless) breast and lower pectoral-fin base

***Drombus ocyurus* (Jordan & Seale 1907)**

ocy, swift; *oura*, tail, allusion not explained, presumably referring to “long, sharp-pointed” caudal fin

***Drombus oligactis* (Bleeker 1875)**

oligo-, few; *aktis*, ray, presumably referring to fewer pectoral-fin rays (15-16 vs. 18) and/or caudal-fin rays (22 vs. 31) compared to *Acentrogobius leptochilus* (= *Redigobius tambujon*, Oxudercidae), its presumed congener at the time

***Drombus palackyi* Jordan & Seale 1905**

in honor of Czech geographer and biogeographer Jan Palacký (1830-1908), author of *Die Verbreitung der Fische* (1895), a work containing a list of the fishes of the Philippines, where only known specimen was collected

***Drombus simulus* (Smith 1960)**

somewhat pug-nosed, allusion not explained, perhaps referring to “fairly depressed” head

***Drombus triangularis* (Weber 1909)**

presumably referring to white triangular spot at upper edge of pectoral-fin base

***Drombus vexillifer* (Fowler 1937)**

vexillum, banner; *fero*, to bear, referring to extended spines on first dorsal fin

***Ebomegobius* Herre 1946**

Ebomé, brackish stream at Kribi, Cameroon, type locality; *gobius*, goby

***Ebomegobius goodi* Herre 1946**

in honor of Albert Irwin Good (1884-1975), “missionary and ardent collector of West African fishes,” who collected type

***Echinogobius lwata*, Hosoya & Niimura 1998**

echinos, spiny, referring to hard first spines of both dorsal fins; *gobius*, goby

***Echinogobius hayashii* lwata, Hosoya & Niimura 1998**

in honor of Masayoshi Hayashi, Curator, Yokosuka City Museum, who collected the first specimens and gave it its Japanese name (*Moyoushinobi-haze*)

***Egglestonichthys* Miller & Wongrat 1979**

named for fisheries scientist David Eggleston, who collected type of *D. patriciae* and provided Miller with an “invaluable store of gobioid material taken during fisheries research in Hong Kong”; *ichthys*, fish

***Egglestonichthys bombylios* Larson & Hoese 1997**

Greek for bumble bee, referring to its banded color pattern

***Egglestonichthys fulmen* Fujiwara, Suzuki & Motomura 2020**

Latin for lightning, referring to bright-yellow zigzag pattern on upper body

***Egglestonichthys melanoptera* (Visweswara Rao 1971)**

melano-, black; *ptera*, fin, referring to its “deep black” fins

***Egglestonichthys patriciae* Miller & Wongrat 1979**

in honor of Mrs. Patricia Eggleston, presumably wife of David Eggleston (see genus), who collected type

***Egglestonichthys rubidus* Allen, Erdmann & Brooks 2020**

reddish, referring to red to reddish-brown color of body, head and fins in life

***Egglestonichthys ulbubunitj* Larson 2013**

named for the Ulbu Bunidj clan in Arnhem Land, Northern Territory, Australia, where it occurs

***Ego* Randall 1994**

“I” or “of myself” in the sense of egotistical, referring to its big head (deeper than its body)

***Ego zebra* Randall 1994**
referring to its zebra-like black bars

***Elacatinus* Jordan 1904**
spindle-like, allusion not explained, possibly referring to fusiform body of *E. oceanops*

***Elacatinus atronasus* (Böhlke & Robins 1968)**
ater, black; *nasus*, nose, referring to its blackish snout

***Elacatinus cayman* Victor 2014**
named for the Cayman Islands, where it is endemic

***Elacatinus centralis* Victor 2014**
central, referring to its central Caribbean distribution in the Cayman Islands

***Elacatinus chancei* (Beebe & Hollister 1933)**
in honor of Col. Edwin M. Chance (d. 1954), president of United Engineers & Constructors Inc. (which built power plants), whose “interest and generosity” made the West Indian expedition (during which type was collected) possible

***Elacatinus colini* Randall & Lobel 2009**
in honor of Patrick L. Colin (b. 1946), Coral Reef Research Foundation (Koror, Palau), for his “exceptional” doctoral thesis on the comparative biology of the genus, and for his help (providing color photographs and guidance) with the authors’ research

***Elacatinus evelynae* (Böhlke & Robins 1968)**
in honor of Evelyn McCutcheon (1894-1977), the “gracious mistress of Treasure Island (Salt Cay) in the Bahamas, where the senior author and Mr. Charles C. G. Chaplin [ichthyologist] have spent many pleasant hours observing and collecting her fishes and enjoying her fine hospitality”

***Elacatinus figaro* Sazima, Moura & Rosa 1997**
named for Figaro, the “smart and joyful” barber in Rossini’s opera *The Barber of Seville* (1816), referring to this goby’s cleaning behavior

***Elacatinus genie* (Böhlke & Robins 1968)**
in honor of Eugenia (Genie) B. Böhlke (1929-2001), wife of the senior author and an accomplished ichthyologist herself [a noun in apposition, without the matronymic “ae”]

***Elacatinus horsti* (Metzelaar 1922)**
in honor of Dutch zoologist C. J. van der Horst (1889-1951), who collected type during his 1920 stay at Curacao

***Elacatinus illecebrosus* (Böhlke & Robins 1968)**
enticing or alluring, allusion not explained nor evident

***Elacatinus jarocho* Taylor & Akins 2007**
local name for Veracruzanos, the native people of Veracruz, México (where this goby is endemic), “who have embraced the protection and conservation of the Veracruz reef system”



A pair of *Elacatinus figaro* cleaning a Sergeant Major, *Abudefduf saxatilis* (in dark color phase). Photo by A. Amarante. From: Sazima, I., R. L. de Moura and R. S. Rosa. 1997. *Elacatinus figaro* sp. n. (Perciformes: Gobiidae), a new cleaner goby from the coast of Brazil. *aqua, Journal of Ichthyology and Aquatic Biology* v. 2 (no. 3): 33-38.

***Elacatinus lobeli* Randall & Colin 2009**

in honor of ichthyologist Phillip S. Lobel, Boston University, who provided specimens, photographs and biological data

***Elacatinus lori* Colin 2002**

in honor of Colin's wife, Lori Jane Bell Colin, Co-Director, Manager and Research Scientist, Coral Reef Research Foundation (Koror, Palau), for her numerous contributions to the biology of coral reef fishes [a noun in apposition, without the matronymic "ae"]

***Elacatinus louisae* (Böhlke & Robins 1968)**

in honor of Louise C. Chaplin (1906-1983), who, with her husband, ichthyologist Charles C. G. Chaplin (1906-1991), made possible the Academy of Natural Sciences of Philadelphia's shorefish program in the Bahamas, during which type was collected

***Elacatinus oceanops* Jordan 1904**

oceanus, sea; *ops*, eye, referring to its color, "suggesting" that of the Matasami (eye of the sea), *Malacanthus latovittatus* (Perciformes: Malacanthidae)

***Elacatinus phthirophagus* Sazima, Carvalho-Filho & Sazima 2008**

phtheiros, louse; *phagos*, to eat, referring to its feeding mostly on larval, parasitic gnathiid isopods it picks from its clients

***Elacatinus pridisi* Guimarães, Gasparini & Rocha 2004**

in honor of the Brazilian Navy First District (Primeiro Distrito Naval, Marinha do Brasil, or "PRIDIS"), for the "impeccable logistic support" provided during the authors' field trips to Trindade Island, off Brazil, type locality

***Elacatinus prochilos* (Böhlke & Robins 1968)**

pro, forward; *chilos*, lips, referring to forward position of mouth as contrasted to *E. genie*

***Elacatinus puncticulatus* (Ginsburg 1938)**

dotted, referring to very small, intensely dark spots "rather evenly but not very thickly distributed" all over body, with additional "tiny dots" visible under high magnification

***Elacatinus randalli* (Böhlke & Robins 1968)**

in honor of John E. Randall (1924-2020), Bishop Museum (Honolulu), the authors' "frequent accomplice in ichthyological pursuits," who collected many of the specimens of this goby and otherwise has contributed greatly to knowledge of West Indian fishes

***Elacatinus rubrifrons* (Fowler 1944)**

ruber, red; *frons*, front, referring to "pearly-pink" bands on head

***Elacatinus serranilla* Randall & Lobel 2009**

named for Serranilla Bank, Caribbean Sea, type locality

***Elacatinus tenox* (Böhlke & Robins 1968)**

te, referring to TE-42, a station number in Dominica based on the initials of its collectors, ichthyologists James C. Tyler (b. 1935) and William N. Eschmeyer (b. 1939); *nox*, night, referring to its dark color

***Elacatinus xanthiprora* (Böhlke & Robins 1968)**

xanthus, yellow; *prora*, prow, referring to yellow mid-rostral stripe

***Eleotrica* Ginsburg 1933**

-ica, belonging to: etymology not explained, perhaps referring to its initial classification in the family Eleotridae

***Eleotrica cableae* Ginsburg 1933**

in honor of U.S. government biologist Louella E. Cable (1900-1986), who illustrated this goby for Ginsburg, and called his attention to its ventral fins not being united

***Evermannichthys* Metzelaar 1919**

-ia, belonging to: the "well-known" ichthyologist Barton Warren Evermann (1853-1932), for his "kind assistance"

***Evermannichthys bicolor* Thacker 2001**

two-colored, referring to its distinctive color pattern, dark on dorsal third of body, pale on remainder

***Evermannichthys convictor* Böhlke & Robins 1969**

guest, referring to its living deep within the canals of sponges

***Evermannichthys metzelaari* Hubbs 1923**

in honor of Dutch ichthyologist Jan Metzelaar (1891-1929), who described this goby in 1919 but used a name (*E. spongicola*) that is preoccupied by *Garmania spongicola* Radcliffe 1917 when both are placed in *Evermannichthys*

***Evermannichthys silus* Böhlke & Robins 1969**

pug-nosed, referring to its facial appearance

***Evermannichthys spongicola* (Radcliffe 1917)**

spongi-; sponge; *-cola*, dweller or inhabitant, referring to its habit of living inside the cavities of large cup-like sponges

***Eviota* Jenkins 1903**

ev-, latinization (for euphony) of the Greek prefix *eu-*, good or well, i.e., very; *iota*, smallest letter in the Greek alphabet and often figuratively used to describe anything small or insignificant, referring to *E. epiphanes*, which, at 1.0-1.9 cm in length, Jenkins claimed was the “smallest vertebrate that has up to this time been described”

***Eviota abax* (Jordan & Snyder 1901)**

a checkerboard, presumably referring to each scale with a dark border

***Eviota afelei* Jordan & Seale 1906**

in honor of Afele, a Samoan boy who collected type from coral heads in Pago Pago

***Eviota albolineata* Jewett & Lachner 1983**

albus, white; *lineata*, lined, referring to pale stripes laterally situated on head

***Eviota algida* Greenfield & Erdmann 2014**

cold, referring to its occurrence in cooler (18-29°C), deep upwelling waters off Nusa Penida, Indonesia

***Eviota amamiko* Fujiwara, Suzuki & Motomura 2019**

named for Amamiko (also spelled Amamikyū and Amamichū), creation goddess of the Ryukyu Islands (where it occurs) in Japanese mythology [a noun in apposition, without the matronymic “*ae*”]

***Eviota amphipora* Greenfield & Erdmann 2020**

amphi-, both sides or double; *poros*, hole, referring to pair of PITO (posterior interorbital) pores, one on each side of interorbital area

***Eviota ancora* Greenfield & Suzuki 2011**

hooked, referring to distinctive orange hook-shaped marking on side of head

***Eviota angustifascia* Greenfield & Erdmann 2020**

angustus, narrow; *fascia*, band, referring to narrow, white, vertical lines crossing body

***Eviota aquila* Greenfield & Jewett 2014**

dark-colored or blackish, referring to its generally dark coloration, particularly the head, nape and cheek

***Eviota asymbasia* Greenfield & Jewett 2016**

Greek for inconsistency, referring to its preopercular pores, which are usually, but not always, absent

***Eviota atauroensis* Greenfield, Erdmann & Tornabene 2023**

-ensis, suffix denoting place: Ataro Island, Timor-Lest, type locality

***Eviota atriventris* Greenfield & Suzuki 2012**

atri-, black; *ventris*, belly, referring to black pigment in area of abdomen

***Eviota bifasciata* Lachner & Karnella 1980**

bi-, two; *fasciata*, banded, referring to upper and lower dark streaks on caudal peduncle and caudal fin

***Eviota bilunula* Greenfield & Suzuki 2016**

bi-, two; *lunula*, little moon, referring to two distinctive black crescent-shaped marks underneath pectoral fin

***Eviota bimaculata* Lachner & Karnella 1980**

bi-, two; *maculata*, spotted, referring to pair of dark occipital spots on each side of head

***Eviota bipunctata* Greenfield & Jewett 2016**

bi-, two; *punctata*, spotted, referring to two dark spots on fleshy pectoral-fin base

***Eviota brahmi* Greenfield & Tornabene 2014**

in honor of Brahm Kai Erdmann (son of marine biologist Mark V. Erdmann), who pointed out that fishes similar to *E. nigriventris* captured at Raja Ampat did not match the photos of that species in his father’s book, *Reef Fishes of the East Indies*

***Eviota cometa* Jewett & Lachner 1983**

comet, referring to spot at caudal-fin base and its trailing dark streak

***Eviota dalyi* Greenfield & Gordon 2019**

in honor of Ryan Daly, South African marine biologist, oceanographer, and Research Director at Save Our Oceans D’Arros Research Centre (Seychelles), who photographed and collected type and played a “major role” in surveying the fishes of the Seychelles Islands

***Eviota deminuta* Tornabene, Ahmadi & Williams 2013**

small or diminutive, referring to its “tiny size and reduced morphology” (reaching 11.8 mm SL)

***Eviota disrupta* Karnella & Lachner 1981**

broken up, referring to dark vertical bars on trunk, some of which are almost always irregularly broken into elongate, oval or oblong marks on anterolateral portion of body

***Eviota distigma* Jordan & Seale 1906**

di-, two; *stigma*, mark or spot, referring to two black spots at base of pectoral fin

***Eviota dorsimaculata* Tornabene, Ahmadi & Williams 2013**

dorsi-, back; *maculata*, spotted, referring to spot on dorsal half of caudal peduncle

***Eviota dorsogilva* Greenfield & Randall 2011**

dorso-, back; *gilvus*, pale yellow, referring to color of body above lateral line

***Eviota dorsopurpurea* Greenfield & Randall 2011**

dorso-, back; *purpura*, purple, referring to color of body above lateral line

***Eviota epiphanes* Jenkins 1903**

etymology not explained, perhaps from *epiphaneia*, striking appearance, referring to its blue and sometimes “very bright” belly, orange caudal fin and translucent body, and/or from *epiphainein*, to come suddenly into view, referring to how this minute goby was collected by breaking up heads of coral over a dip net

***Eviota epistigmata* Greenfield & Jewett 2014**

epi, over; *stigmata*, spot or mark, referring to dark mark on upper portion of caudal peduncle

***Eviota erdmanni* Tornabene & Greenfield 2016**

in honor of marine biologist Mark V. Erdmann (b. 1968), “who has tirelessly photographed and collected numerous individuals of *Eviota*, many of which are new to science, including this species”

***Eviota eyrae* Greenfield & Randall 2016**

in honor of Janet Van Sickle Eyre (b. 1955), diver and volunteer (Reef Environmental Education Foundation), who collected and photographed this goby in Fiji, and who also was of great assistance in the authors’ studies of the genus

***Eviota fallax* Greenfield & Allen 2012**

deceitful or false, referring to its superficial similarity to *E. natalis*

***Eviota fasciola* Karnella & Lachner 1981**

diminutive of *fascia*, band, referring to dark, discrete vertical bars nearly encircling trunk

***Eviota filamentosa* Sukuzi & Greenfield 2014**

filamentous, referring to thread-like first dorsal-fin spine

***Eviota flaviarma* Greenfield & Erdmann 2021**

flavus, yellow; *arma*, shouldered, referring to yellow upper pectoral-fin base

***Eviota flavipinnata* Suzuki, Greenfield & Motomura 2015**

flavus, yellow; *pinna*, fin, referring to its golden-yellow dorsal and caudal fins

***Eviota flebilis* Greenfield, Suzuki & Shibukawa 2014**

tearful, referring to distinctive tear-like red line under eye

***Eviota fluctiphila* Greenfield, Erdmann & Mambrasar 2022**

fluctus, ocean waves; *phila*, loving, referring to its occurrence in shallow subtidal (0.2–2 m), wave-washed, volcanic rock exposed to near-constant surge conditions, where they shelter in small cracks in the vertical rock faces

***Eviota geminata* Greenfield & Bogorodsky 2014**

twin, referring to its “great similarity” to *E. randalli*

***Eviota gunawanae* Greenfield, Tornabene & Erdmann 2019**

in honor of Tiene Gunawan, “one of Indonesia’s foremost marine conservationists who has dedicated the past two decades to expanding the marine protected area network of West Papua and formulating policies to protect the biodiverse marine ecosystems contained therein”; she also helped plan and launch the marine biodiversity survey of the Fakfak coastline that led to the discovery of this goby

***Eviota guttata* Lachner & Karnella 1978**

dappled or speckled, referring to numerous fine spots on upper head, trunk and caudal fin

***Eviota herrei* Jordan & Seale 1906**

in honor of ichthyologist-lichenologist Albert W. Herre (1868-1962), Jordan’s student at the time

***Eviota hinanoae* Tornabene, Ahmadi & Williams 2013**

in honor of Hinano Murphy, President of Te Pu Atitia (Atitia Center) and Associate Director of Administration & Outreach at US Berkeley Gump Research Station in Mo’orea, French Polynesia, who, along with her husband Frank, were instrumental in facilitating research in Mo’orea, thus resulting in the discovery of this goby

***Eviota hoesei* Gill & Jewett 2004**

in honor of friend and colleague Douglass F. Hoese (b. 1942), Australian Museum (Sydney), for his “important” contributions to the systematics of gobioid fishes

***Eviota imitata* Greenfield, Tornabene & Erdmann 2017**

mimicked or imitated, referring to its similarity to *E. flebilis*

***Eviota indica* Lachner & Karnella 1980**

Indian, referring to its distribution in the Indian Ocean

***Eviota infulata* (Smith 1957)**

adorned with a fillet (a thin narrow strip of material), allusion not explained, perhaps referring to long anterior rays of first dorsal fin in males

***Eviota inutilis* Whitley 1943**

useless, named for type locality, Useless Inlet, Shark Bay, Western Australia

***Eviota irrasa* Karnella & Lachner 1981**

unpolished or unshaved, referring to “indiscrete nature” of pigment pattern on head and trunk compared with *E. fasciola* and *E. disrupta*

***Eviota japonica* Jewett & Lachner 1983**

-*ica*, belonging to: Japan, referring to its occurrence in Japanese waters

***Eviota jewettae* Greenfield & Winterbottom 2012**

in honor Susan Jewett (formerly Karnella, b. 1945), Collection Manager, Division of Fishes, Smithsonian Institution, who previously recognized this species as undescribed in 1978; during the 1970s and 1980s she, and Ernest A. Lachner described many new *Eviota* species and laid the foundation for the study of the genus

***Eviota karaspila* Greenfield & Randall 2010**

kara, head; *spilos*, spot, referring to its distinctive occipital spot

***Eviota kermadecensis* Hoese & Stewart 2012**

-*ensis*, suffix denoting place: Kermadec Islands of New Zealand, only known area of occurrence

***Eviota korechika* Shibukawa & Suzuki 2005**

in honor of Korechika Yano, Dive Service YANO (Iriomote Island, Japan), who provided many interesting fish species, including type of this one [a noun in apposition, without the patronymic “i”]

***Eviota lachdeberiei* Giltay 1933**

patronym not identified, perhaps in honor of Lt.-Col. Philip Frederik Lambertus Christiaan Lach de Bère (1859-1936), Royal Netherlands East Indies Army, who lived in Indonesia, where this goby was collected

***Eviota lacrimae* Sunobe 1988**

genitive of *lacrima*, tear, referring to dark bar below eye, across lip to the chin

***Eviota lacrimosa* Tornabene, Ahmadia & Williams 2013**

tearful or weeping, referring to bar below eye, which is reminiscent of a tear

***Eviota lateritea* Greenfield & Winterbottom 2016**

laterite, a mineral producing the red dust that is all-pervasive in southern New Caledonia (where this goby occurs), referring to its red coloration

***Eviota latifasciata* Jewett & Lachner 1983**

latus, broad or wide; *fasciata*, banded, referring to broad subcutaneous bars on trunk

***Eviota lentiginosa* Greenfield & Randall 2017**

full of freckles, referring to many tiny dark spots covering yellow head and body

***Eviota longirostris* Tornabene, Greenfield & Erdmann 2021**

longus, long; *rostris*, snout, referring to relatively long snout compared with others in the *E. zebrina* complex

***Eviota maculibotella* Greenfield & Winterbottom 2016**

maculos, spotted; *botellus*, a small sausage (apparently the origin of the English word pudding), referring to spots on male urogenital papilla, which are reminiscent of the British pudding known as “spotted dick,” which is light brown with dark spots

***Eviota maculosa* Greenfield, Tornabene & Erdmann 2018**

spotted, referring to distinctive large black spots on first dorsal fin of males

***Eviota marerubrum* Tornabene, Greenfield & Erdmann 2021**

maris, sea; *ruber*, red, referring to Red Sea, type locality

***Eviota marteynae* Greenfield & Erdmann 2020**

in honor of Marteyne van Well, General Manager, Six Senses Resort (Laamu Atoll, Maldives), for her

“deep commitment to sustainability in the hospitality industry and her strong support for marine conservation initiatives that protect the reefs where this species is found”

***Eviota masudai* Matsuura & Senou 2006**

in honor of the late Hajime Masuda (1921-2005), University of Tokyo, “who contributed greatly to Japanese and Indo-west Pacific ichthyology through his many books containing excellent photographs”

***Eviota melanosphena* Greenfield & Jewett 2016**

melanos, black; *spbena*, wedge, referring to dark, wedge-shaped mark at base of caudal fin

***Eviota melasma* Lachner & Karnella 1980**

black spot, referring to dark occipital spot on each side of head

***Eviota mikiae* Allen 2001**

in honor of Miki Tonozuka of Bali, Indonesia, for her assistance in the field during the Weh Island survey, during which type was collected

***Eviota mimica* Greenfield & Randall 2016**

imitative, referring to its superficial similarity to *E. minuta*

***Eviota minuta* Greenfield & Jewett 2014**

little or small, referring to its small size, almost always under 14 mm SL

***Eviota monostigma* Fourmanoir 1971**

mono-, one; *stigma*, mark or spot, referring to black blotch at base of pectoral fin

***Eviota natalis* Allen 2007**

Christmas, named for Christmas Island, eastern Indian Ocean, where it is endemic

***Eviota nebulosa* Smith 1958**

cloudy or dark, presumably referring to its color in alcohol, “milky grey with dusky specklings and marks”

***Eviota nigramembrana* Greenfield & Suzuki 2013**

nigra, black; *membrana*, membrane, referring to distinctive black pigment on opercular membrane

***Eviota nigripinna* Lachner & Karnella 1980**

nigra, black; *pinna*, fin, referring to black first dorsal fin

***Eviota nigrispina* Greenfield & Suzuki 2010**

nigra, black; *spina*, backbone, referring to black pigment extending along backbone

***Eviota nigriventris* Giltay 1933**

nigra, black; *ventris*, belly, referring to black or dusky ventral half of body in alcohol (red in living specimens)

***Eviota notata* Greenfield & Jewett 2012**

marked, referring to large, dark marks on head and nape

***Eviota occasa* Greenfield, Winterbottom & Suzuki 2014**

sunset, referring to distinctive yellow-orange broad wedge-shaped bar at caudal-fin base on a red body, reminiscent of a sunset

***Eviota ocellifer* Shibukawa & Suzuki 2005**

ocellus, little eye; *fero*, to bear, referring to semi-ocellated spot on anteroventral part of first dorsal fin

***Eviota oculineata* Tornabene, Greenfield & Erdmann 2021**

oculis, eye; *lineata*, striped, referring to stripes through eye, which distinguishes it from *E. cometa*

***Eviota oculopiperita* Greenfield & Bogorodsky 2014**

oculus, eye; *piperita*, specific name of the peppermint plant, *Mentha piperita*, referring to color of eye, which resembles a peppermint candy

***Eviota pamae* Allen, Brooks & Erdmann 2013**

in honor of Pamela Scott Rorke, second author’s wife and a diving member of the expedition that discovered this goby

***Eviota pardalota* Lachner & Karnella 1978**

spotted like a leopard, referring to its numerous body spots

***Eviota partimacula* Randall 2008**

partio, divide; *macula*, spot, referring to large black spot at base of caudal fin that is nearly divided by a midlateral pale dash

***Eviota pellucida* Larson 1976**

clear or transparent, referring to its transparent rose-pink coloration in life (plain yellowish in alcohol)

***Eviota perspicilla* Fujiwara, Suzuki & Motomura 2019**

eyeglasses or spectacles, referring to two small circular translucent white spots along first dorsal-fin base

***Eviota pictifacies* Greenfield & Erdmann 2017**

pictus, painted; *facies*, face, referring to bright-red spots on side of head, similar to those painted on a clown

***Eviota pinocchio* Greenfield & Winterbottom 2012**

of the fictional character Pinocchio, who had a nose that grew long when he lied, alluding to its exceptionally long anterior tubular nares

***Eviota piperata* Greenfield & Winterbottom 2014**

peppered, referring to “heavy peppering” of melanophores over head and rest of body

***Eviota prasina* (Klunzinger 1871)**

leek, referring to light-green, leek-like coloration

***Eviota prasites* Jordan & Seale 1906**

prasina, leek; *-ites*, like, allusion not explained, perhaps referring to superficial similarity to *E. prasina*

***Eviota pseudaprica* Winterbottom & Greenfield 2020**

pseudo-, false, referring to similarity in coloration with *Sueviota aprica*, especially on the nape

***Eviota pseudostigma* Lachner & Karnella 1980**

pseudo-, false; *stigma*, mark or spot, referring to incomplete development of pectoral-base spot compared to *E. monostigma*

***Eviota pseudozebrina* Tornabene, Greenfield & Erdmann 2021**

pseudo-, false, i.e., although it may resemble *E. zebrina*, such an appearance is false

***Eviota punctulata* Jewett & Lachner 1983**

diminutive of *punctum*, spot, referring to small dark spots on fins

***Eviota punyit* Tornabene, Valdez & Erdmann 2016**

named for Pulau Punyit (an island), Negara Brunei Darussalam, where this “beautiful” species was first recognized as being distinct from *E. sebreei*

***Eviota queenslandica* Whitley 1932**

-ica, belonging to: proposed as a Queensland (Australia) subspecies of *E. viridis* (= *prasina*)

***Eviota raja* Allen 2001**

named for the Raja Ampat Islands, Irian Jaya Province, Indonesia, only known area of occurrence

***Eviota randalli* Greenfield 2009**

in honor of ichthyologist John E. Randall (1924–2020), Bishop Museum (Honolulu), who has “greatly furthered *Eviota* systematics by photographing and collecting many species, including a number new to science”

***Eviota readerae* Gill & Jewett 2004**

in honor of Sally E. Reader (Australian Museum, Sydney), who assisted the first author with the collection of most of the type specimens, and kindly arranged the loan of specimens for this study

***Eviota richardi* Greenfield & Randall 2016**

in honor of goby taxonomist Richard Winterbottom (b. 1944), Royal Ontario Museum, who made important collections in Fiji, also recognized this species as undescribed, and provided invaluable help to the first author

***Eviota rubra* Greenfield & Randall 1999**

red, referring to its bright-red markings in life

***Eviota rubriceps* Greenfield & Jewett 2011**

rubrum, red; *ceps*, head, referring to its distinctive red head in life

***Eviota rubriguttata* Greenfield & Suzuki 2011**

ruber, red; *guttatus*, spotted, referring to distinctive red spots on dorsal and anal fins

***Eviota rubrimaculata* Suzuki, Greenfield & Motomura 2015**

rubra, red; *macula*, spot, referring to distinctive red spots on head and body

***Eviota rubrisparsa* Greenfield & Randall 2010**

rubra, red; *sarsus*, sprinkled, referring to “main live color pattern of red dots”

***Eviota saipanensis* Fowler 1945**

-ensis, suffix denoting place: Saipan Island, western Pacific, type locality

***Eviota santanai* Greenfield & Erdmann 2013**

in honor of Connisso Antonino (“Nino Konis”) Santana (1957–1988), a national hero in Timor-Leste’s struggle for independence who was renowned for his environmental awareness; type locality is in Tutuala, just offshore of Santana’s birthplace, and is located within the Nino Konis Santana National Park

***Eviota sebreei* Jordan & Seale 1906**

in honor of Capt. Uriel Sebree (1848-1922), U.S. Navy, commandant at the U.S. Naval Station Tutuila (American Samoa), and through whom the gunboat *Wheeling* and its equipment were placed at the authors' disposal

***Eviota shibukawai* Suzuki & Greenfield 2014**

in honor of Koichi Shibukawa, Nagao Natural Environment Foundation, who collected and photographed type, for his "great" contribution to our knowledge of the systematics of the Gobioidae

***Eviota shimadai* Greenfield & Randall 2010**

in honor of Kazuhiko Shimada, Okinawa Prefectural Fisheries and Ocean Research Center, who previously (1993) recognized this species in Japan as being undescribed

***Eviota sigillata* Jewett & Lachner 1983**

adorned with little figures or marks, referring to seven dark, subcutaneous ventral midline spots

***Eviota singula* Greenfield & Winterbottom 2016**

one, referring to the single obvious dark spot on occiput

***Eviota smaragdus* Jordan & Seale 1906**

emerald, presumably referring to "translucent, bright grass-green" color of one specimen (another specimen was greenish yellow)

***Eviota sodwanaensis* Greenfield & Winterbottom 2016**

-ensis, suffix denoting place: Sodwana Bay, Kwazulu-Natal Province, South Africa, type locality

***Eviota sparsa* Jewett & Lachner 1983**

sprinkled or flecked, referring to chromatophores scattered over body

***Eviota specca* Greenfield, Suzuki & Shibukawa 2014**

speckled, referring to heavy speckling of chromatophores over body

***Eviota spilota* Lachner & Karnella 1980**

spot, referring to spots on second dorsal fin

***Eviota springeri* Greenfield & Jewett 2012**

in honor of ichthyologist Victor G. Springer (b. 1928), U.S. National Museum, who collected a number of the type specimens, as well as many specimens of other *Eviota* species, thereby contributing greatly to the authors' studies

***Eviota storthynx* (Rofen 1959)**

tusk, referring to its elongate anterior nostrils, which look like tusks [author previously known as Harry]

***Eviota susanae* Greenfield & Randall 1999**

in honor Susan Jewett (formerly Karnella, b. 1945), Collection Manager, Division of Fishes, Smithsonian Institution, whose publications with Ernest A. Lachner "laid the groundwork for all future studies" of the genus

***Eviota taeiae* Erdmann, Greenfield & Tornabene 2023**

in memory of Sue Miller Taii (d. 2020), a "passionate and highly respected marine conservationist who dedicated her career to the reefs and peoples of the Pacific 'Oceanscape', and especially to her native Samoa"; she "tragically passed away [from cancer] shortly after this beautiful new species was discovered"

***Eviota teresae* Greenfield & Randall 2016**

in honor of the senior author's wife Teresa, who assisted in collecting the type material and has provided field, editorial, and moral support to her husband for many years

***Eviota tetha* Greenfield & Erdmann 2014**

in honor of Creusa Hitipeuw (1969-2013), known to her colleagues as "Tetha," a "passionate and highly-respected Indonesian marine conservationist who dedicated her career to saving the coral reefs and especially marine turtles of Indonesia, with a strong focus on Teluk Cenderawasih and the Bird's Head region of West Papua" (where this goby occurs); she passed away shortly after the discovery of this species after a brief and unexpected battle with cancer [a noun in apposition, without the matronymic "ae"]

***Eviota thamani* Greenfield & Randall 2016**

in honor of Randolph R. Thaman (b. 1943), Professor of Pacific Islands Biogeography at the University of the South Pacific, for continuous support of the authors' work in Fiji over the years, without which their research would not have been possible; in addition, he assisted Janet V. Eyre (see *E. eyrae*) in obtaining permission to collect *Eviota* specimens

***Eviota tigrina* Greenfield & Randall 2008**

like a tiger, referring to narrow, black lines on scale pockets, which form spindle-like patterns like those on tigers

***Eviota toshiyuki* Greenfield & Randall 2010**

in honor of ichthyologist Toshiyuki Suzuki, who collected type and provided photographs of other *Eviota* species (the authors chose "*toshiyuki*" over "*suzuki*" because the latter is a common surname in Japan) [presumably a noun



Eviota tetba. From: Greenfield, D. W. and M. V. Erdmann. 2014. *Eviota tetba*, a new species of dwarfgoby from Cenderawasih Bay, West Papua, Indonesia (Teleostei: Gobiidae). *Journal of the Ocean Science Foundation* v. 11: 23-31.

in apposition, without the patronymic “i”]

***Eviota variola* Lachner & Karnella 1980**

spotted, referring to spots on first dorsal-fin spine and filament

***Eviota winterbottomi* Greenfield & Randall 2010**

in honor of Richard Winterbottom (b. 1944), Royal Ontario Museum, who first recognized this species as new from specimens he collected in Viêt Nam, maintains a working key to species of the genus, and provides valuable advice on goby systematics

***Eviota zebrina* Lachner & Karnella 1978**

like a zebra, referring to dark oblique bars on caudal fin

***Eviota zonura* Jordan & Seale 1906**

zona, belt or girdle; *oura*, tail, presumably referring to black bar before base of caudal fin

***Exyrias* Jordan & Seale 1906**

unshaven, presumably referring to fully scaled cheeks of *E. puntangoides* (= *puntang*)

***Exyrias akihito* Allen & Randall 2005**

in honor of Emperor Akihito of Japan (b. 1933), for his significant contributions to gobiid systematics; in addition, many of the type specimens were supplied by the Biological Laboratory of the Imperial Household in Tokyo [a noun in apposition, without the patronymic “i”]

***Exyrias bellissimus* (Smith 1959)**

misspelling of *bellissimus*, very beautiful, presumably referring to its “brilliant” coloration in life

***Exyrias ferrarisi* Murdy 1985**

in honor of ichthyologist Carl Ferraris, Jr. (b. 1950), who collected type specimens during one of his and Murdy’s many goby expeditions to the Philippines

***Exyrias puntang* (Bleeker 1851)**

Javanese name for many species of goby

***Favonigobius* Whitley 1930**

etymology not explained, perhaps *favonius*, west wind, referring to type locality of *F. lateralis* (type species) in Western Australia; *gobius*, goby

***Favonigobius exquisitus* Whitley 1950**

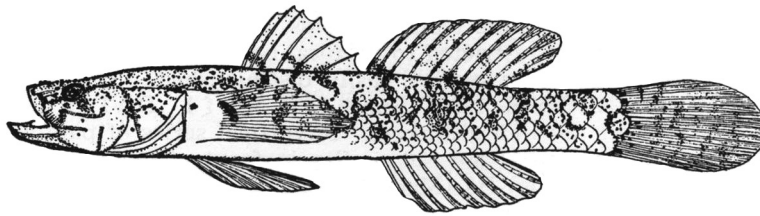
exquisite, a “beautiful little fish”

***Favonigobius gymnauchen* (Bleeker 1860)**

gymnos, bare or naked; *auchen*, nape, referring to a scaleless triangular space extending backward from occiput to insertion of first dorsal fin

***Favonigobius lateralis* (Macleay 1881)**

of the side, presumably referring to five large, reddish-brown spots “along the middle of each side of the body”



Feia nympha. From: Smith, J. L. B. 1959. Gobioid fishes of the families Gobiidae, Periophthalmidae, Trypauchenidae, Taenioididae and Kraemeriidae of the western Indian Ocean. Ichthyological Bulletin, Department of Ichthyology, Rhodes University No. 13: 185-225, Pls. 9-13.

***Favonigobius lentiginosus* (Richardson 1844)**

freckled, presumably referring to “minute white specks” in longitudinal rows along lower part of sides and/or “numerous whitish specks” on cheeks

***Favonigobius melanobranchus* (Fowler 1934)**

melano-, black; *branchus*, gills, referring to black median band on under surface of head

***Favonigobius opalescens* (Herre 1936)**

opalescent, presumably referring to “old ivory” color in alcohol and/or white spots on side, presumably a pearly spot on each scale in life

***Favonigobius punctatus* (Gill & Miller 1990)**

spotted, referring to distinctive red and/or yellow spots which led to its initial separation from *F. lateralis*

***Favonigobius reichei* (Bleeker 1854)**

in honor of Reiche (forename not given), who collected type, possibly M. Th. Reiche, Civil Medical Service, Dutch East Indies

***Feia* Smith 1959**

ugly or ugly one, allusion not explained (but illustration of *F. nympha* that accompanies description depicts an unattractive fish relative to many other gobies)

***Feia dabra* Winterbottom 2005**

an arbitrary combination of letters combining the first few letters of the given names of Winterbottom’s son, David, and of Bradley Hubley (Royal Ontario Museum), both of whom contributed “immeasurably to the success and wellbeing of the Palau biodiversity expedition team” that collected type

***Feia nota* Gill & Mooi 1999**

mark, referring to pale spots on dorsal part of body

***Feia nympha* Smith 1959**

nymph, an immature form of an insect that does not change greatly as it grows, probably referring to this goby’s small size (27 mm), and reflecting Smith’s comment that it is “[c]learly a degenerate fish”

***Feia ranta* Winterbottom 2003**

an arbitrary combination of letters reflecting the first three letters of the forenames of Randall D. Mooi and Anthony C. Gill, two specialists in Indo-Pacific fish systematics who have worked on *Feia*; Mooi is additionally recognized for his help and “cheerful companionship” on collecting trips to the Philippines, Thailand and French Polynesia

***Feia seba* Allen, Erdmann & Brooks 2020**

in honor of Sebastian (“Seba”) Tahing, who collected type; “Seba has been an indispensable assistant with our Milne Bay fish collections for many years—sharp-eyed and always willing to help.” [presumably a noun in apposition, without the patronymic “i”; third author’s name misspelled “Books” in original description]

***Fusigobius* Whitley 1930**

etymology not explained, perhaps *fusi-*, fused, referring to fully united pelvic fins of *F. neophytus* (another explanation is *fusus*, spindle, but goby does not appear spindle-shaped to us); *gobius*, goby

***Fusigobius aureus* Chen & Shao 1997**

yellow (or golden), referring to many golden-yellow spots scattered on body and fins

***Fusigobius duospilus* Hoese & Reader 1985**

duo, two; *spilos*, spot, referring to two dark spots on dorsal fin

***Fusigobius gracilis* (Randall 2001)**

slender, being the most slender species of the genus

***Fusigobius humeralis* (Randall 2001)**

reference to black spot in humeral region, its most conspicuous marking

- Fusigobius humerosus* Kovačić, Bogorodsky & Alpermann 2023**
 -*osus*, adjectival suffix: referring to its resemblance to its sister species *F. humeralis*, both of which have a distinct black spot in the humeral area above the pectoral-fin base
- Fusigobius inframaculatus* (Randall 1994)**
infra-, inner; *maculatus*, spotted, referring to elongate internal black-and-white spots, which are conspicuous in life
- Fusigobius longispinus* Goren 1978**
longus, long; *spinus*, spine, referring to very long first spine of anterior dorsal fin
- Fusigobius maximus* (Randall 2001)**
 largest, reaching 75 mm SL, the largest species of the genus
- Fusigobius melacron* (Randall 2001)**
melas, black; *akron*, top or tip, referring to dark upper part of dorsal fin, its most characteristic color marking
- Fusigobius neophytus* (Günther 1877)**
neo, new; *phytos*, grow, i.e., a beginner, allusion not explained, perhaps referring to its size, a “tiny little fish” (translation), reaching 5 cm
- Fusigobius pallidus* (Randall 2001)**
 pale, referring to almost complete lack of color markings of preserved specimens
- Fusigobius signipinnis* Hoese & Obika 1988**
signus, flag or sign; *pinnis*, fin, often seen flicking its first dorsal fin, which exposes a large black blotch that covers tips of first four rays
- Gammogobius* Bath 1971**
gammo-, in honor of R. Gammon, Occidental College (Los Angeles, CA, USA), who collected type; *gobius*, goby
- Gammogobius steinitzi* Bath 1971**
 in honor of the late Heinz Steinitz (1909-1971), marine biologist and herpetologist (Hebrew University, Jerusalem), “whose unexpected death represents a great loss to ichthyology” (translation)
- Ginsburgellus Böhlke & Robins 1968***
 -*ellus*, diminutive connoting endearment: in honor of Isaac Ginsburg (1886-1975), U.S. National Museum, “prominent student of American gobies”
- Ginsburgellus novemlineatus* (Fowler 1950)**
novem, nine; *lineatus*, lined, referring to nine “narrow pearly blue to white lines or bands” on body
- Gladiogobius* Herre 1933**
gladius, sword, referring to large spine, “shaped like a rooster’s spur,” at posterior angle of preopercle of *G. ensifer*
- Gladiogobius brevispinis* Shibukawa & Allen 2007**
brevis, short; *spinis*, spine, referring to distinctive preopercular spine, shortest in the genus
- Gladiogobius ensifer* Herre 1933**
ensis, sword; *fero*, to bear, referring to large spine, “shaped like a rooster’s spur,” at posterior angle of preopercle
- Gladiogobius rex* Shibukawa & Allen 2007**
 Latin for king, referring to its “brave appearance with armature consisting of a very long, sword-like” preopercular spine
- Glossogobius* Gill 1859**
glossum, tongue, referring to deeply emarginate tongue of *G. platycephalus* (= *giuris*); *gobius*, goby
- Glossogobius ankaranensis* Banister 1994**
 -*ensis*, suffix denoting place: Ankarana reserve, Madagascar, where this blind cave goby occurs
- Glossogobius asaro* Whitley 1959**
 named for the Asaro River, five miles south of Goroka, New Guinea, type locality
- Glossogobius aureus* Akihito & Meguro 1975**
 gold, referring to its common name, *pla bu tong* (golden goby), along the Chao Phraya River of Thailand
- Glossogobius bellendenensis* Hoese & Allen 2009**
 -*ensis*, suffix denoting place: Bellenden Ker Range, a coastal mountain range in Far North Queensland, Australia, where type locality (Eubenagee Swamp, near Innisfail) is situated
- Glossogobius bicirrhosus* (Weber 1894)**
bi-, two; *cirrhosus*, curled, referring to two short, thick, triangular barbels protruding from its chin
- Glossogobius brunnoides* (Nichols 1951)**
 -*oides*, having the form of: referring to its superficial resemblance to *Rhinogobius brunneus* (Oxudercidae), its

presumed congener at the time

***Glossogobius bulmeri* Whitley 1959**

in honor of ethnobiologist Ralph N. H. Bulmer (1928-1988), National University (Canberra, Australia), who collected and presented holotype

***Glossogobius callidus* (Smith 1937)**

expert, shrewd, crafty or cunning, allusion not explained nor evident [replacement name for *Gobius gulosus* Smith 1936, preoccupied by *G. gulosus* Girard 1858]

***Glossogobius celebius* (Valenciennes 1837)**

-*ius*, adjectival suffix: Celebes (now Sulawesi), Indonesia, where it appears to be endemic

***Glossogobius circumspectus* (Macleay 1883)**

cautious or wary, allusion not explained nor evident

***Glossogobius clitellus* Hoese & Allen 2012**

saddle, referring to prominent saddles on back

***Glossogobius coatesi* Hoese & Allen 1990**

in honor of fisheries scientist David Coates, who helped collect type, for his collecting and logistics assistance in Papua New Guinea

***Glossogobius concavifrons* (Ramsay & Ogilby 1886)**

concavus, hollowed or arched inward; *frons*, forehead, referring to obtuse snout, “its profile concave posteriorly”

***Glossogobius flavipinnis* (Aurich 1938)**

flavus, yellow; *pinnis*, fin, referring to yellow first dorsal fin

***Glossogobius giuris* (Hamilton 1822)**

latinization of *ghiyuri*, one of its local Gangetic names in India (per Hamilton’s notes as published by Hora in 1934)

***Glossogobius gnomus* Hoese, Allen & Hadiaty 2017**

gnome, a diminutive fabled being or dwarf, referring to its small size (24-32.5 mm SL)

***Glossogobius hoesei* Allen & Boeseman 1982**

in honor of Douglass F. Hoese (b. 1942), Curator of Ichthyology at the Australian Museum (Sydney), for contributions to the knowledge of gobiid taxonomy

***Glossogobius illimis* Hoese & Allen 2012**

without mud or clear, referring to its habitat of sandy, clear streams

***Glossogobius intermedius* Aurich 1938**

intermediate in some features between other gobies in the area, *G. matanensis*, *G. giuris* and *G. celebius*

***Glossogobius kokius* (Valenciennes 1837)**

latinization of *Koku*, its local name in India as reported by Russell (1803)

***Glossogobius koragensis* Herre 1935**

-*ensis*, Koragu, New Guinea, type locality

***Glossogobius laticeps* (De Vis 1884)**

latus, wide; *ceps*, head, referring to width of head, described as 1 $\frac{4}{5}$ times its length

***Glossogobius macrocephalus* Hoese & Allen 2015**

macro-, large; *cephalus*, head, referring to its large and robust head, its length 32.9-34.9% SL

***Glossogobius mahalonensis* Hoese, Hadiaty & Herder 2015**

-*ensis*, suffix denoting place: Lake Mahalona, Sulawesi, Indonesia, where it is endemic

***Glossogobius matanensis* (Weber 1913)**

-*ensis*, suffix denoting place: Lake Matano, Sulawesi, Indonesia, type locality (also occurs in lakes Mahalona, Towuti and Lontoa)

***Glossogobius minutus* Geevarghese & John 1983**

small, referring to small size compared to congeners known at the time

***Glossogobius multipapillus* Hoese & Allen 2015**

multi-, many; *papillus*, bud, referring to multiple rows of papillae on cheek

***Glossogobius munroi* Hoese & Allen 2012**

in honor of Australian ichthyologist Ian S. R. Munro (1919-1994), who collected and accumulated material of *Glossogobius* from Australia and New Guinea

***Glossogobius muscorum* Hoese & Allen 2009**

Latin for fly, referring to Fly River, Papua New Guinea, type locality

***Glossogobius nanus* Hoese, Allen & Hadiaty 2017**

dwarf, referring to its small size (up to ~50 mm SL)

***Glossogobius obscuripinnis* (Peters 1868)**

obscurus, dark or indistinct; *pinnis*, fin, allusion not explained, perhaps referring to any or all of the following: broad blackish crossband across middle of first dorsal fin, five rows of black spots forming wavy lines on second dorsal fin, dusky lower part of caudal fin, dusky pectoral fins, dusky to black anal and ventral fins

***Glossogobius olivaceus* (Temminck & Schlegel 1845)**

olive-green, referring to its predominant color in life

***Glossogobius pavo* (Steindachner 1867)**

peacock, probably referring to four large black spots along lateral line, and two deep-black spots, separated by a light-yellow spot, behind fifth spine of first dorsal fin

***Glossogobius pumilus* Hoese, Allen & Hadiaty 2017**

dwarf, referring to its small size (24-41 mm SL)

***Glossogobius robertsi* Hoese & Allen 2009**

in honor of ichthyologist Tyson R. Roberts (b. 1940), who collected most of the type material

***Glossogobius sandakanensis* Inger 1957**

-ensis, suffix denoting place: Sandakan, northern Borneo, type locality

***Glossogobius sentaniensis* Hoese & Allen 2015**

-ensis, suffix denoting place: Lake Sentani, New Guinea, type locality

***Glossogobius sparsipapillus* Akihito & Meguro 1976**

sparsi, sparse; *papillus*, bud, referring to irregularly scattered rows of pit organs on opercle

***Glossogobius tenuiformis* Fowler 1934**

tenuis, slender; *formis*, shape or form, referring to its slenderer body compared with *G. giuris*

***Glossogobius torrentis* Hoese & Allen 1990**

swift stream, referring to its occurrence in swift mountain streams at elevations between 200 and 1800 m

***Gobiodon* Bleeker 1856**

gobius, goby; *odon*, tooth, referring to pair of posterior canines near symphysis of lower jaw of *G. heterospilos*

***Gobiodon acicularis* Harold & Winterbottom 1995**

needle-like, referring to elongated first dorsal-fin spine, characteristic of this species

***Gobiodon albofasciatus* Sawada & Arai 1972**

albus, white; *fasciatus*, banded, referring to broad whitish longitudinal band along lateral line

***Gobiodon albolineatus* Smith 1959**

albus, white; *lineatus*, lined, referring to “sharply defined light line” along base of dorsal and anal fins

***Gobiodon aoyagii* Shibukawa, Suzuki & Aizawa 2013**

in honor of the late Hyoji Aoyagi (1912-1971), a Japanese ichthyologist who first provided accounts of this species from Japan (as *G. rivulatus*) with an excellent illustration

***Gobiodon ater* Herler, Bogorodsky & Suzuki 2013**

black, referring to its uniformly black coloration in life, including the eye

***Gobiodon atrangulatus* Garman 1903**

atra-, black, *angulatus*, angled, referring to small black spot on “upper angle” of gill cover

***Gobiodon axillaris* De Vis 1884**

axillary, referring to blackish-red spot above axil of pectoral fin

***Gobiodon bilineatus* Herler, Bogorodsky & Suzuki 2013**

bi-, two; *lineatus*, lined, referring to two distinct, bright-blue lines through eye, the only distinct color pattern it retains from juvenile to large adult

***Gobiodon brochus* Harold & Winterbottom 1999**

with projecting teeth, referring to its “uniquely derived” lower jaw, modified anteromedially into a dentigerous, fleshy projection and a row of elongate, transversely oriented papillae in ventral portion of cheek

***Gobiodon ceramensis* (Bleeker 1853)**

-ensis, suffix denoting place: Ceram, Indonesia, type locality (also occurs in Papua New Guinea and Queensland, Australia)

Gobiodon citrinus (Rüppell 1838)

like a citron (a lemon-like fruit), referring to yellow body and fins

Gobiodon erythrospilus Bleeker 1875

erythros, red; *spilos*, mark or spot, referring to stripes and spots on head and body a “beautiful carmine” (translation)

Gobiodon fulvus Herre 1927

tawny or brownish yellow, referring to uniform pale brown color in alcohol

Gobiodon fuscuber Herler, Bogorodski & Suzuki 2013

fuscus, brown; *ruber*, red, referring to uniformly reddish-brown color in life

Gobiodon heterospilos Bleeker 1856

heteros, different; *spilos*, mark or spot, presumably referring to numerous round and oval black spots on head and tail, and complete absence of spots on body and other fins

Gobiodon histrio (Valenciennes 1837)

harlequin; coined by Kuhl & van Hasselt, presumably referring (per Valenciennes) to its resemblance to the Sargassum Fish, *Lophius* (now *Histrio*) *histrio*, but more likely referring to its gaudily striped pattern

Gobiodon howsoni Allen 2021

in honor of long-time friend Craig Howson, owner of the “luxurious” Australian cruise ship *True North*, who provided Allen with numerous collecting and diving opportunities in the Australia-New Guinea region, resulting in the discovery of several new species, including this one [Allen “revalidated” the name in 2023 but his original publication is ICZN-available]

Gobiodon irregularis Herler, Bogorodsky & Suzuki 2013

referring to its variable coloration, “in particular its irregular red wavy lines on the head and upper body in juveniles and subadults”

Gobiodon micropus Günther 1861

micro-, small; *pous*, foot, referring to “very short” ventral-fin disc, “not quite one-half the length of the head, not adherent to the belly”

Gobiodon multilineatus Wu 1979

multi-, many; *lineatus*, lined, referring to 10-12 bluish transverse lines descending from back towards belly and 4-6 bluish transverse lines on head

Gobiodon oculolineatus Wu 1979

ocula, eye; *lineatus*, lined, referring to two bluish transverse eyes originating under eye

Gobiodon okinawae Sawada, Arai & Abe 1972

of Okinawa, Ryukyu Islands, Japan, type locality (occurs from Cocos-Keeling Islands to Marshall Islands, and from Australia and Japan to Solomon Islands)

Gobiodon prolixus Winterbottom & Harold 2005

stretched out, referring to its more elongate body compared to congeners

Gobiodon quinquestrigatus (Valenciennes 1837)

quinque, five; *strigatus*, furrowed or grooved, referring to five narrow, vertical, white lines, two on cheek, two on operculum, one near base of chest

Gobiodon reticulatus Playfair 1867

net-like or netted, referring to “network of darker lines” between small whitish spots that create a net-like pattern on posterior part of trunk and tail

Gobiodon rivulatus (Rüppell 1830)

rivulated, i.e., marked by irregular streaks, referring to “carmine-red labyrinthine lines” (translation) on amber-green body

Gobiodon spadix Sato & Motomura 2024

Latin for reddish-brown, referring to ground coloration of head and body

Gobiodon spilophthalmus Fowler 1944

spilos, spot; *ophthalmus*, eye, presumably referring to large, blackish brown spots on head

Gobiodon unicolor (Castelnau 1873)

uni-, one, presumably referring to its light, apparently uniform, reddish-brown color “after desiccation”

Gobiodon winterbottomi Suzuki, Yanao & Senou 2012

in honor of Richard Winterbottom (b. 1944), Royal Ontario Museum, for his “great” contribution to our knowledge of the gobioid systematics

Gobiopsis Steindachner 1861

-opsis, appearance, referring to its resemblance to *Gobius* and/or previous placement (in a manuscript by Heckel) of *G.*

macrostomus in that genus

***Gobiopsis angustifrons* Lachner & McKinney 1978**

angustus, narrow; *frons*, forehead, presumably referring to its narrow head

***Gobiopsis arenaria* (Snyder 1908)**

sandy, referring to its occurrence in sandy pools

***Gobiopsis atrata* (Griffin 1933)**

dressed in black, presumably referring to dull purple-brown color below lateral line and/or dark brown bases of caudal, pectoral and ventral fins

***Gobiopsis bravoii* (Herre 1940)**

in honor of Pablo Bravo, Herre's artist for many years

***Gobiopsis canalis* Lachner & McKinney 1978**

canal or channel, referring to "unique extension of the preopercular canal from the lower POP pore dorsally to join the lateral cephalic canal"

***Gobiopsis exigua* Lachner & McKinney 1979**

little, short or scanty, referring to short, poorly developed head barbels

***Gobiopsis jackbrooksi* Allen, Erdmann & Brooks 2018**

in honor of John ("Jack") Moldaw Brooks, the third author's son (see also *Priolepis billbrooksi* and *Tomiyamichthys stuarti*)

***Gobiopsis liolepis* (Koumans 1931)**

leios, smooth; *lepis*, scale, presumably referring to its cycloid scales [authorship may be attributable to Bleeker in Koumans 1931]

***Gobiopsis macrostomus* Steindachner 1861**

macro-, large; *stomus*, mouth, referring to its "very wide and gaping" mouth (translation)

***Gobiopsis malekulae* (Herre 1935)**

of Malekula Island, Vanuatu, type locality (also occurs in Indonesia and the Philippines)

***Gobiopsis namnas* Shibukawa 2010**

abbreviation of National Museum of Nature and Science (Tokyo, Japan), which conducted the deep-water biological survey that collected the type series

***Gobiopsis pinto* (Smith 1947)**

in honor of Adolfo Abranches Pinto (1895-1981), Military Commander of Mozambique, where this goby is endemic; Smith proposed a new genus for this species, *Abranches*, so that its original name, *Abranches pinto*, matched that of the honoree [presumably a noun in apposition, without the patronymic "i"]

***Gobiopsis quinquecincta* (Smith 1931)**

quinque, five; *cincta*, belt or girdle, referring to five irregular reddish-brown cross-bands meeting on back and reaching more than half distance to median ventral line

***Gobiopsis springeri* Lachner & McKinney 1979**

in honor of Victor G. Springer (b. 1928), Curator of Fishes, U.S. National Museum, who collected type

***Gobiopsis uranophilus* Prokofiev 2016**

urano, heaven; *philos*, friend, referring to dorsal orientation of eyes, similar to the stargazer family, Uranoscopidae [usually *-philus* (loving) names are adjectives but its use here is as a noun (Artém Prokofiev, pers. comm.), so spelling does not need to be emended to agree with the feminine *Gobiopsis*]

***Gobiopsis woodsi* Lachner & McKinney 1978**

in honor of Loren P. Woods (1914-1979), Curator of Fishes, Field Museum of Natural History (Chicago), who collected all but two of the known specimens at the time

***Gobiosoma* Girard 1858**

gobius, goby; *soma*, body, allusion not explained; Girard established this genus for *Gobius* that are "deprived of scales"

***Gobiosoma aceras* (Ginsburg 1939)**

a-, without; *ceras*, horn, presumably referring to absence of flaps on snout

***Gobiosoma alfiei* Joyeux & Macieira 2015**

in honor of Alfredo ("Alfie") Carvalho-Filho (b. 1950), a "self-made ichthyologist in his spare time, for his contribution to the advancement in the diversity and taxonomy of Brazilian marine fishes and his friendship"

***Gobiosoma bosc* (Lacepède 1800)**

in honor of French naturalist Louis-Augustin Bosc d'Antic (1759-1828), whose manuscript provided the basis of Lacepède's description [presumably a noun in apposition, without the patronymic "i"]

Gobiosoma chiquita (Jenkins & Evermann 1889)

diminutive of the Spanish (for its occurrence in western México) *chico*, a little one, referring to its size: it “seems to be one of the smallest gobies, the largest of our specimens being but 27mm long”

Gobiosoma ginsburgi Hildebrand & Schroeder 1928

in honor of colleague Isaac Ginsburg (1886-1975), goby taxonomist, U.S. National Museum, who identified many gobies for the authors' monograph on fishes of Chesapeake Bay, and called attention to how this species differed from *G. bosc*

Gobiosoma grosvenori (Robins 1964)

in honor of Gilbert H. Grosvenor (1875-1966), former president of the National Geographic Society, which supported the reef research that found this species

Gobiosoma hemigymnum (Eigenmann & Eigenmann 1888)

hemi-, partial; *gymnos*, bare or naked, referring to scaleless anterior half of body

Gobiosoma hildebrandi (Ginsburg 1939)

in honor of Samuel F. Hildebrand (1883-1949), colleague at the U.S. Bureau of Fisheries, who collected holotype

Gobiosoma homochroma (Ginsburg 1939)

homos, same; *chroma*, color, referring to body color, “nearly uniformly and very moderately dusky”

Gobiosoma longipala Ginsburg 1933

longus, long; *pala*, shovel, allusion not explained, perhaps referring to middle rays of ventral disk reaching anal-fin origin

Gobiosoma nudum (Meek & Hildebrand 1928)

bare or naked, its “scales wanting”

Gobiosoma paradoxum (Günther 1861)

strange or contrary to expectation, allusion not explained nor evident [name seems more appropriate for *G. seminudum*, described in the same monograph: it has “such peculiar characteristics that it will be readily recognized. It has no natural affinity to the other small-scaled Gobies, which generally have an elongate form.”]

Gobiosoma robustum Ginsburg 1933

robust or full-bodied, referring to its “quite short and stocky” body

Gobiosoma schultzi (Ginsburg 1944)

in honor of Leonard P. Schultz (1901-1986), Curator of Fishes, U.S. National Museum (and Ginsburg's boss), who collected type and provided notes on its ecology

Gobiosoma seminudum (Günther 1861)

semi-, half; *nudum*, bare, referring to scaleless head and anterior portion of trunk, and “exceedingly small” scales on sides, becoming somewhat larger posteriorly

Gobiosoma spes (Ginsburg 1939)

Latin for hope, referring to Mt. Hope, Panama Canal Zone, type locality

Gobiosoma spilotum (Ginsburg 1939)

spot or mark, presumably referring to a longitudinal median row of spots

Gobiosoma yucatanum Dawson 1971

-anum, belonging to: Yucatan Peninsula of Mexico, where type locality (Quintana Roo) is situated

Gobitrichinotus Fowler 1943

gobius, goby, presumably referring to goby-like shape or appearance; *Trichonotus*, then placed in the sanddiver family Trichonotidae

Gobitrichinotus arnaulti Kiener 1963

patronym not identified, probably in honor of Kiener's colleague at Muséum national d'Histoire naturelle (Paris), ichthyologist-herpetologist Jacques Arnault (1914-1995)

Gobitrichinotus radiocularis Fowler 1943

radium, ray; *ocularis*, of the eye, referring to dark bar from eye to hind part of maxillary, and two others that “radiate” from hind part of each eye, expanding backward

Gobius Linnaeus 1758

from the Greek *kóttos*, *kothos* and a few similar words, denoting a bulging head, used as a name for small freshwater fishes with a large head (*Gobio*, freshwater gudgeon, and *Cottus*, sculpin, which some early naturalists conflated with gobies, have the same etymological source)

Subgenus **Gobius****Gobius ater Bellotti 1888**

black, referring to often uniformly black vertical and caudal fins (sometimes with small grayish spots)

Gobius ateriformis Brito & Miller 2001

formis, form or shape, referring to its superficial resemblance to *G. ater*

Gobius auratus Risso 1810

gold, referring to its golden-yellow body

Gobius bucchichi Steindachner 1870

in honor of Steindachner's "highly esteemed friend" (translation), Croatian naturalist Gregorio Bucchich (1829-1911, also known as Grgo Bučić), who collected type

Gobius cobitis Pallas 1814

ancient Greek for small fishes that bury in the bottom and/or are like a goby

Gobius couchi Miller & El-Tawil 1974

in honor of Jonathan Couch (1789-1870), "that indefatigable ichthyologist of Cornwall" (Yarrell, 1836) and author of *A History of the Fishes of the British Islands* (1862-67)

Gobius cruentatus Gmelin 1789

blood-red, presumably referring to red markings or blotches around mouth

Gobius fallax Sarato 1889

false or deceitful, referring to how it had previously been misidentified as either *G. auratus*, *G. geniporus* or *G. ophiocephalus*

Gobius gasteveni Miller 1974

in honor of G. A. (George Alexander) Steven (1901-1958), who worked extensively on the fishes of the western English Channel and was one of the first to recognize this goby as a species new to the area

Gobius geniporus Valenciennes 1837

genys, cheek; *porus*, hole or pore, referring to 4-5 large pores along edge of preoperculum

Gobius incognitus Kovačić & Šanda 2016

unknown, referring to relatively long period of time that passed until this common and widespread species (previously reported as *G. bucchichi*) was recognized and described

Gobius kolombatovici Kovačić & Miller 2000

in honor of Juraj Kolombatović (1843-1908), professor of mathematics, "one of the most important" Croatian taxonomists, and the only Croatian naturalist to have worked "intensively" on small inshore fishes (Blenniidae, Gobiidae, Tripterygiidae)

Gobius koseirensis Klunzinger 1871

-ensis, suffix denoting place: latinization of Quasir, referring to Al-Qusair, Red Sea Governorate, Egypt, type locality

Gobius luteus Kolombatović 1891

yellow, referring to its golden-yellow coloration

Gobius niger niger Linnaeus 1758

black, referring to its dark-brown color with indistinct black blotches, with males becoming almost black during the breeding season

Gobius niger jozo Linnaeus 1758

name for this goby in Rome, dating to at least Salviani's *Aquatilium animalium* (1554)

Gobius paganellus Linnaeus 1758

latinization of *paganelli*, Venetian name for this goby according to Rondelet (1554)

Gobius roulei de Buen 1928

in honor of French zoologist Louis Roule (1861-1942), who collected type

Gobius rubropunctatus Delais 1951

rubro-, red; *punctatus*, spotted, presumably referring to four orange spots at upper part of inner edge of pectoral fin

Gobius salamansa Iglésias, Frotté & Sellos 2015

named for the village of Salamansa, on the island of São Vicente, Cabo Verde, only known area of occurrence

Gobius scoretcii Poll 1961

in honor of herpetologist Giuseppe Scoretcci (1898-1973), University of Genoa, who collected type

Gobius senegambiensis Metzelaar 1919

-ensis, suffix denoting place: etymology not explained, presumably referring to Senegambia, a region of west Africa occupying the area of present-day Senegal and Gambia, perhaps referring to type locality, Cansado Bay (now in present-day Mauritania)

Gobius silveiraemartinsi Ihering 1893

of Silveira Martins, a municipality in the state of Rio Grande do Sul, Brazil, where this species (of uncertain validity) appears to be endemic

Gobius strictus Fage 1907

bound, allusion not explained, perhaps referring to a small protruding membrane that connects the ventral fins (a doubtful species, possibly a juvenile *G. cruentatus*)

Gobius tetrophthalmus Brito & Miller 2001

tetra, four; *ophthalmus*, eye, referring to the impression of four eyes when a living specimen is viewed from above, the pale ocellus in dark band crossing the upper border of each eye lying median to the dark pupil and pale sclera of the eye itself (possibly obscured in preserved specimens)

Gobius vittatus Vinciguerra 1883

striped, referring to chestnut-black stripe extending from snout to base of caudal fin

Gobius xanthocephalus Heymer & Zander 1992

xanthos, yellow; *cephalus*, head, upper part of head described as “canary yellow” (translation)

Gobius xoriguer Iglésias, Vukić & Šanda 2021

Catalan name for the Common Kestrel, *Falco tinnunculus*, a familiar falcon in Menorca, Balearic Islands (Spain), where first specimen (but not holotype) was collected; both goby and kestrel share an orange-brown coloration

Subgenus **Zosterisessor** Whitley 1935

Zostera, marine eelgrass genus; *essor*, inhabitant, referring to occurrence of *G. ophiocephalus* in eelgrass meadows [replacement name for *Zostericola* Iljin 1927 (-cola, inhabitant of), preoccupied in Mollusca]

Gobius ophiocephalus Pallas 1814

ophio-, snake; *cephalus*, head, allusion not explained, perhaps referring to snake-like cycloid scales on head

Gobulus Ginsburg 1933

etymology not explained, possibly a diminutive of *Gobius*, reflecting Ginsburg’s belief that this genus was transitional between the families Eleotridae and Gobiidae

Gobulus birdsongi Hoese & Reader 2001

in honor of goby taxonomist Ray S. Birdsong (1935-1995), “a long time friend and colleague of the senior author, who provided valuable assistance and inspiration to [his] goby work”

Gobulus crescentalis (Gilbert 1892)

pertaining to a crescent, referring to a conspicuous brown crescent at base of caudal and pectoral fins

Gobulus hancocki Ginsburg 1938

in honor of Capt. George Allan Hancock (1875-1965), oil magnate and philanthropist, who led expedition that collected type, for his interest in the scientific exploration of Pacific waters

Gobulus myersi Ginsburg 1939

in honor of Stanford University ichthyologist George S. Myers (1905-1985), “who discovered and salvaged the type from a lot of neglected, unidentified, miscellaneous material while he was in charge of the Division of Fishes in the [U.S.] National Museum”

Gorogobius Miller 1978

goro, named for Gorée, off Dakar, Senegal, type locality for *G. nigrincinctus*; *gobius*, goby

Gorogobius nigrincinctus (Delais 1951)

nigro-, black; *cinctus*, girdle or belt, referring to numerous transverse, dark bands on head and encircling body

Gorogobius stevcici Kovačić & Schliewen 2008

in honor of carcinologist Zdravko Števcic who encouraged and helped the first author in the beginning of his work on gobies

Grallenia Shibukawa & Iwata 2007

-ia, belonging to: ichthyologist Gerald R. Allen (G + R + Allen, b. 1942), Western Australia Museum (Perth), for his “great” contribution to our knowledge of the diversity of coral-reef fishes

Grallenia arenicola Shibukawa & Iwata 2007

arena, sand; *colere*, to inhabit, referring to sandy substrate habitat

Grallenia baliensis Allen & Erdmann 2012

-ensis, suffix denoting place: Bali, Indonesia, type locality

Grallenia cinnamea Allen, Erdmann & Cahyani 2024

Latin for of cinnamon, referring to the large, cinnamon-colored patch on side of abdomen

Grallenia compta Allen & Erdmann 2017

ornamented, referring to orange markings on head, body and fins

***Grallenia dimorpha* Allen & Erdmann 2017**

di-, two; *morpha*, shape, referring to sexually dimorphic first dorsal fins (male fin rectangular with fifth spine longest and female fin triangular with first spine forming elongate filament)

***Grallenia emarginata* Allen, Erdmann & Cahyani 2024**

Latin for emarginate or notched, referring to the shape of its caudal fin

***Grallenia larsonae* Allen & Hammer 2018**

in honor of Helen Larson, Curator of Fishes, Museum and Art Gallery of the Northern Territory (Darwin, Australia), for her “extensive contribution to goby taxonomy and systematics, and who collected and carefully preserved most of the type specimens”

***Grallenia lauensis* Allen & Erdmann 2017**

-ensis, suffix denoting place: Lau Archipelago (Fiji), type locality

***Grallenia lipi* Shibukawa & Iwata 2007**

acronym of Lembaga Ilmu Pengetahuan Indonesia (Indonesian Institute of Science), referring to the fact that all examined specimens were captured during the JSPS (Japan Society for the Promotion of Science)-LIPI cooperative research on marine science at Ambon Island in 1999

***Grallenia nigrifasciata* Allen, Erdmann & Cahyani 2024**

nigri, from *niger*, black; *fasciata*, banded, referring to basal black stripe on dorsal fins, its most conspicuous color marking in preserved specimens

***Grallenia nigrimarginata* Allen, Erdmann & Cahyani 2024**

nigri, from *niger*, black; *marginata*, referring to black margin on male anal fin

***Grallenia ornata* Allen, Erdmann & Cahyani 2024**

Latin for ornate or decorated, referring to its unique female color phase, similar to that of males for other congeners

***Grallenia rubrilineata* Allen & Erdmann 2017**

rubrum, red; *lineatus*, lined, referring to distinctive basal red or red-edged black stripe on both dorsal fins of adult males

***Grallenia solomonensis* Allen & Erdmann 2017**

-ensis, Latin suffix denoting place: Solomon Islands, type locality

***Grallenia sundaensis* Allen, Erdmann & Cahyani 2024**

-ensis, Latin suffix denoting place: Lesser Sunda Islands, Indonesia, where it occurs

***Grallenia wandammenensis* Allen, Erdmann & Cahyani 2024**

-ensis, Latin suffix denoting place: Wandammen Peninsula, Cenderawasih Bay, West Papua Province, Indonesia, type locality

***Gunnellichthys* Bleeker 1858**

gunnell (*Pholis gunnellus*, Perciformes: Pholidae), referring to gunnell-like shape of *G. pleurotaenia* and/or to its presumed close relationship to *Pholidichthys* (Cichliformes: Pholidichthyidae), all of which Bleeker regarded as blennies; *ichthys*, fish

***Gunnellichthys copleyi* (Smith 1951)**

in honor of Hugh Copley (d. 1959), Fish Warden of Kenya, who collected “valuable ichthyological material,” including type of this goby

***Gunnellichthys curiosus* Dawson 1968**

referring to its “curious body coloration” (lack of continuous dark lateral stripe as seen on congeners) and “unusual pubescence of the anterior head” (“snout and lower jaw clothed with microscopic villi”)

***Gunnellichthys grandoculis* (Kendall & Goldsborough 1911)**

grand, large; *oculis*, eye, referring to its “very large eyes”

***Gunnellichthys irideus* Smith 1958**

rainbow-like, presumably referring to its multiple colors: purple, yellow, red green, blue, orange and “milky white”

***Gunnellichthys monostigma* Smith 1958**

mono-, one; *stigma*, mark or spot, presumably referring to small black spot on rear of gill cover

***Gunnellichthys pleurotaenia* Bleeker 1858**

pleuro-, side; *taenia*, ribbon, referring to brown, white-edged streak from snout, through eye, to middle of caudal fin

***Gunnellichthys viridescens* Dawson 1968**

viridis, green; *-escens*, becoming, referring to its generally greenish appearance

***Gymneleotris* Bleeker 1874**

gymnos, bare or naked, referring to scaleless head and trunk of *G. seminuda*; *Eleotris*, referring to previous placement in that genus and/or reflecting Bleeker’s classification of this taxon in a phalanx he called Eleotriini

***Gymneleotris seminuda* (Günther 1864)**

semi-, partial; *nudus*, bare or naked, referring to scaleless head and trunk but scaled tail

Gymnesigobius Kovačić, Ordines, Ramirez-Amaro & Schliewen 2019

named for Gymnesian Islands, Greek name for Balearic Islands, western Mediterranean, only known area of occurrence; *gobius*, goby

***Gymnesigobius medits* Kovačić, Ordines, Ramirez-Amaro & Schliewen 2019**

named for MEDITS (International bottom trawl survey in the Mediterranean), whose work made the discovery of this species possible

***Hazeus* Jordan & Snyder 1901**

latinization of *haze*, Japanese name for a small goby

***Hazeus ammophilus* Allen & Erdmann 2023**

ammos, sand; *philo*, to love, referring to its predilection for sand-bottom habitats [name proposed in 2021 but not made available until 2023]

***Hazeus elati* (Goren 1984)**

of Elat (also spelled Eliat), Gulf of Aqaba, Red Sea, northern Red Sea, Israel, type locality

***Hazeus ingressus* Engin, Larson & Irmak 2018**

enter, step or go into, referring to how this goby, described from Turkey but likely native to the Red Sea, presumably entered the Mediterranean via the Suez Canal

***Hazeus maculipinna* (Randall & Goren 1993)**

macula, spot or mark; *pinna*, fin, referring to black spot on first dorsal fin

***Hazeus otakii* Jordan & Snyder 1901**

in honor of Keinosuke Otaki (d. 1911), Professor of English at the Imperial Military Academy of Tokyo and a former zoology student at Stanford University (where Jordan was president), who accompanied the authors in their travels through northern Japan, and to whom they were indebted for many favors (e.g., interpreter and secretary)

***Hazeus profusus* Allen & Erdmann 2023**

abundant or profuse, referring to its abundance on sand-bottom habitats [name proposed in 2021 but not made available until 2023]

***Heteroleotris* Bleeker 1874**

heteros, different, allusion not explained, perhaps referring to its main difference (ctenoid scales) from *Brachyleotris* (= *Asterropteryx*, described in the same paper, cycloid scales); *Eleotris*, perhaps reflecting Bleeker's classification of this taxon in a phalanx he called Eleotrini

***Heteroleotris apora* (Hoese & Winterbottom 1979)**

a-, without; *porus*, pore, referring to lack of sensory canal openings on head

***Heteroleotris aurantiaca* Kovačić, Bogorodsky & Mal 2019**

orange, referring to prevalence of orange color in head, body and fin rays

***Heteroleotris bipunctata* Tortonese 1976**

bi-, two; *punctata*, spotted, referring to rounded black blotch immediately behind head above gill opening, and a second one at upper part of caudal-fin base

***Heteroleotris caminata* (Smith 1958)**

like or having an oven, furnace or fireplace, allusion not explained nor evident

***Heteroleotris diademata* (Rüppell 1830)**

a cloth headband, probably referring to brown stripe that passes over forehead and through eyes to operculum

***Heteroleotris dorsovittata* Kovačić & Bogorodsky 2014**

dorsum, back; *vittata*, banded, referring to longitudinal black submarginal bands on first and second dorsal fins

***Heteroleotris exilis* Shibukawa 2010**

slender, referring to its very slender body, unique in the genus

***Heteroleotris georgegilli* Gill 1998**

in honor of the author's father, George Burton Gill (1925-1994)

***Heteroleotris kenyae* Smith 1958**

of Vuma, northern Kenya, type locality

***Heteroleotris margaretae* Hoese 1986**

in honor of Margaret Mary Smith (1916-1987), first director of the J.L.B. Smith Institute of Ichthyology (now the South African Institute for Aquatic Biodiversity)

***Heteroleotris nasoramosa* Kovačić, Bogorodsky, Zajonz & Tornabene 2021**

naso, nose; *ramosa*, branched, referring to well-developed, branched process extending from rims of both anterior and posterior nostrils

***Heteroleotris nebulofasciata* (Smith 1958)**

nebulosus, cloudy or dark; *fasciata*, banded, presumably referring to 5-6 crossbars formed by brown “specklings” and/or dusky bar down over cheek from hind part of eye

***Heteroleotris poecila* (Fowler 1946)**

variegated, referring to dark-brown bands on pectoral fins, first deflected backwards below, then in “pale intervals each with several dark spots”

***Heteroleotris psammophila* Kovačić & Bogorodsky 2014**

psammos, sand; *phila*, loving, referring to its sand-bottom habitat

***Heteroleotris semisquamata* Kovačić, Bogorodsky & Mal 2019**

semi-, half; *squamata*, scaly, refers to reduced squamation, tapering from caudal-fin base along lateral midline towards pectoral fin, nearly reaching its base, the belly scaleless

***Heteroleotris tentaculata* (Smith 1958)**

tentacled, referring to a large fleshy tentacle above each eye

***Heteroleotris vinsoni* Hoese 1986**

in honor of Jean-Michel Vinson, zoologist and scientific illustrator, who illustrated the types of *H. margaretae* and this species, as well as other gobiid species

***Heteroleotris vulgaris* (Klunzinger 1871)**

common, described as “very common” (translation) among *Stylophora* coral in the Red Sea

***Heteroleotris zanzibarensis* (Smith 1958)**

-ensis, suffix denoting place: Zanzibar, Tanzania, western Indian Ocean, type locality

***Heteroleotris zonata* (Fowler 1934)**

banded, referring to its broad, blackish-brown bands, one obliquely down from eye toward preopercular angle, and a broader band below first dorsal fin

***Heterogobius* Bleeker 1874**

heteros, different, distinguished from the superficially similar *Acanthogobius* (Oxudercidae) in having a deeply emarginate tail; *gobius*, goby (perhaps in this case a shortening of *Acanthogobius*)

***Heterogobius chiloensis* (Guichenot 1848)**

-ensis, suffix denoting place: Isla de Chiloé, near San Carlos, Chile, type locality

***Heteroplopomus* Tomiyama 1936**

etymology not explained, perhaps *heteros*, different; [*h*] *oplo*, armed; *pomus*, lid or covering (operculum), “distinguished from other genera of Gobiidae by the presence of a pair of weak spines directed forward from the inner margin of lower jaw”

***Heteroplopomus barbatus* (Tomiyama 1934)**

bearded, referring to small barbel on end of lower lip (a characteristic that easily distinguished this goby from its presumed Japanese congeners in *Rhinogobius* [Oxudercidae])