

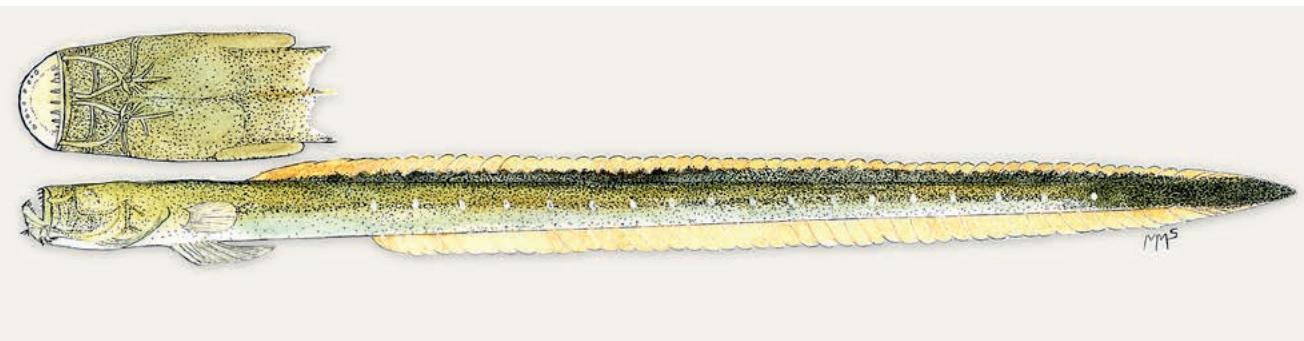
Family GOBIIDAE, Subfamily Amblyopinae, wormgobies



KV Arkhiplev © CMFRI

Odontamblyopus roseus, rosy wormgoby, 135 mm SL (SW India).

PC Hemstra © NPF-SALAB

Paratrypauchen microcephalus, comb wormgoby, 75 mm SL, dorsal and lateral views (Mozambique).

Source: SFSA

Taeniodoides esquivel, bulldog eel-goby, 27 cm TL, holotype, and dorsal view of head (S Mozambique).

© SJ Raredon, Smithsonian Institution

Taeniodoides kentalleni, Kent's eel-goby, 20 cm SL, holotype (Saudi Arabia).

PC Hemstra © NPF-SALAB

Taeniodoides gracilis, slender eel-goby, 12 cm SL (Mozambique).

© JE Randall, Bishop Museum

Trypauchen vagina, eel-goby, 124 mm SL (SW India).

Family GOBIIDAE, Subfamily Gobiinae, Gobies



1 *Amblyeleotris aurora*, pinkbar shrimpgoby, 63 mm SL (Maldives). **2** *Amblyeleotris diagonalis*, diagonal shrimpgoby, 53 mm SL (Japan). **3** *Amblyeleotris downingi*, shoulderspot shrimpgoby, 98 mm SL (Oman). **4** *Amblyeleotris fontanessii*, giant shrimpgoby, **(a)** 36 mm SL, juvenile (Japan), **(b)** 90 mm SL, adult (Japan). # **5** *Amblyeleotris periophthalma*, orange-speckled shrimpgoby, ~70 mm TL (Maldives). **6** *Amblyeleotris steinitzi*, Steinitz's shrimpgoby, 40 mm SL. **7** *Amblyeleotris sungami*, Magnus's shrimpgoby, 55 mm SL (Red Sea). **8** *Amblyeleotris triguttata*, triplespot shrimpgoby, 65 mm SL (Red Sea). **9** ?*Amblyeleotris triguttata*, 42 mm SL, holotype of *A. delicatulus* (Zanzibar; painted from Smith 1958).

= no species account

Family GOBIIDAE, Subfamily Gobiinae, Gobies



Acentrogobius dayi, Day's goby, 61 mm SL (Persian/Arabian Gulf).

© JE Randall, Bishop Museum



Acentrogobius viridipunctatus, green-spotted goby, 60 mm SL (Australia).

© R Winterbottom, ROM



Acentrogobius viridipunctatus, green-spotted goby, ~10 cm TL (Singapore).

© K Lim



Amblyeleotris aurora, pinkbar shrimpgoby (S Mozambique).

© DA Polack



Amblyeleotris latifasciata, broad-banded shrimpgoby, 72 mm SL (Sri Lanka).

© JE Randall, Bishop Museum



Amblyeleotris neglecta, neglected shrimpgoby, 54 mm SL, holotype (Red Sea).

© JE Randall, Bishop Museum



Amblyeleotris periophthalma, orange-speckled shrimpgoby, 44 mm SL (Seychelles).

© P Heemstra © NFR-SAIAB



Amblyeleotris periophthalma, orange-speckled shrimpgoby (South Africa).

© DA Polack

Family GOBIIDAE, Subfamily Gobiinae, Gobies



Amblyeleotris steinitzi, Steinitz's shrimpgoby (Red Sea).

© SV Bogorodsky



Amblyeleotris sungami, Magnus's shrimpgoby (Red Sea).

© SV Bogorodsky



Amblyeleotris triguttata, triplespot shrimpgoby, 65 mm SL, holotype (Red Sea).

© JC Randall, Bishop Museum



Amblyeleotris wheeleri, burgundy shrimpgoby, 47 mm SL (Seychelles).

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Amblygobius albimaculatus, butterfly goby (Gulf of Aqaba).

© SV Bogorodsky



Amblygobius hectori, Hector's goby (Red Sea).

© SV Bogorodsky



Amblygobius nocturnus, pyjama goby (Red Sea).

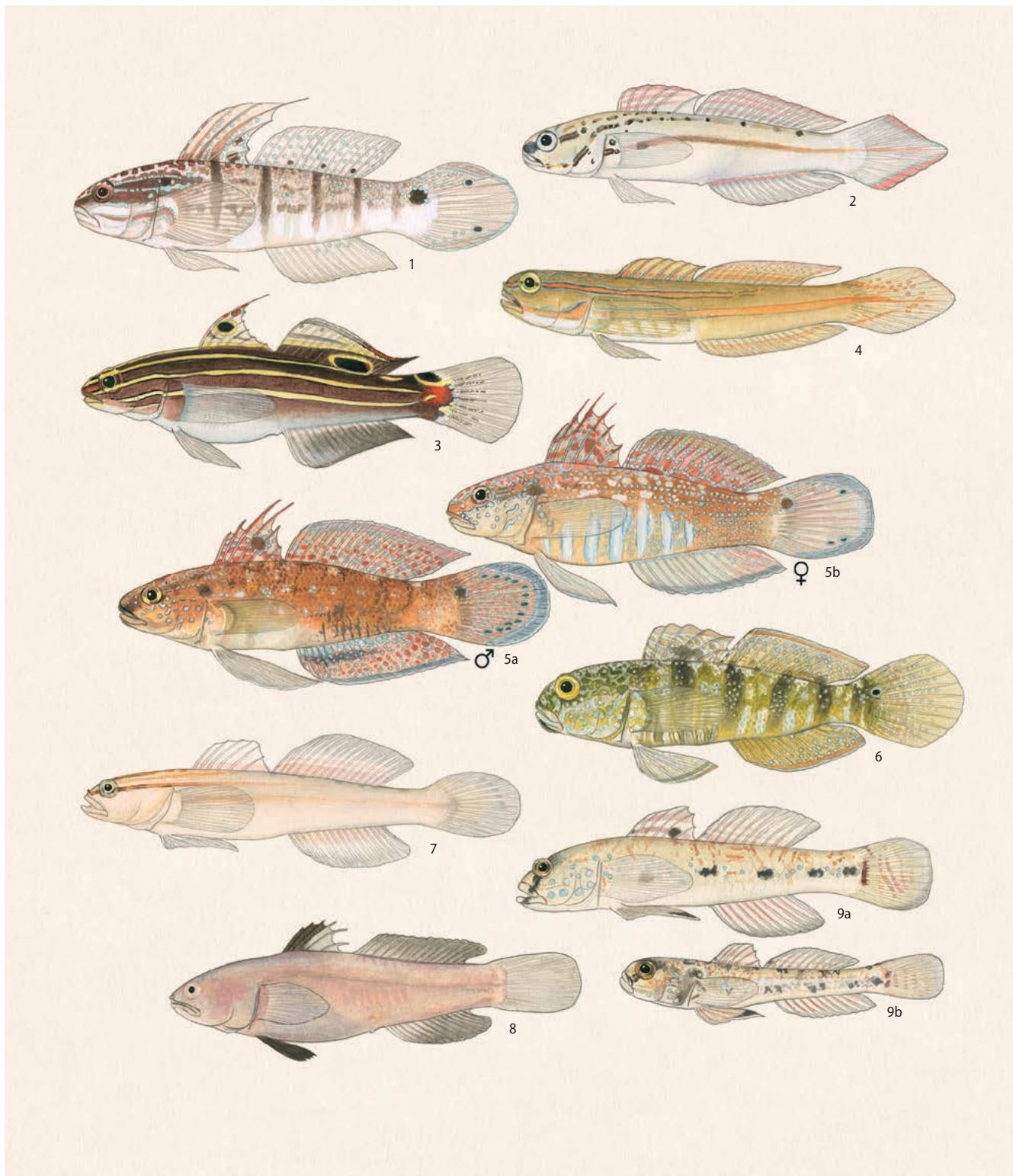
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Amblygobius sewardii, Seward's goby, 53 mm SL (Red Sea).

© SV Bogorodsky

Family GOBIIDAE, Subfamily Gobiinae, Gobies



1 *Amblygobius albimaculatus*, butterfly goby, 135 mm TL (Arabian Sea). **2** *Amblygobius esakiae*, Esaki's goby, 51 mm SL (Sudan). **3** *Amblygobius hectori*, Hector's goby, 40 mm SL, female (WIO). **4** *Amblygobius nocturnus*, pyjama goby, 51 mm SL (Comoros). **5** *Amblygobius semicinctus*, whitebarred goby, (a) 64 mm SL, male (Mauritius), (b) 63 mm SL, female (Maldives). **6** *Amblygobius sphynx*, sphinx goby, 60 mm SL, female (NE Australia). **7** *Amblygobius tekomaji*, plaincheek goby, 52 mm TL (Chagos). **8** *Austrolethops wardi*, nude goby, 60 mm SL (W Pacific). **9** *Yongeichthys signatus*, tusk goby, (a) 30 mm SL, (b) juvenile (both S Mozambique).

Family GOBIIDAE, Subfamily Gobiinae, Gobies



Amblygobius tekomaji, plaincheek goby, 30 mm TL (Rodrigues).

PC Heemstra © NPF-SAVAB



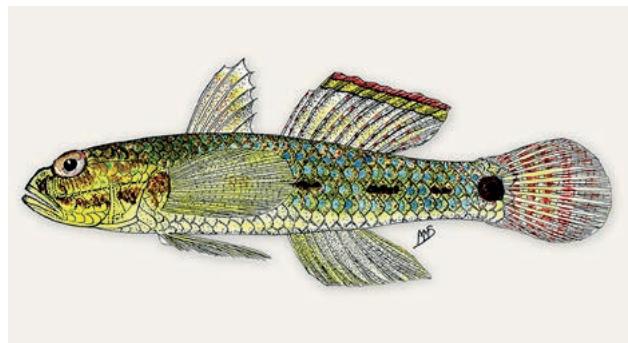
Ancistrogobius yanoi, orangetip goby (Indonesia).

© GR Allen



Arcygobius baliurus, isthmus goby, 80 mm SL (Tanzania).

M. Mwale © NPF-SAVAB



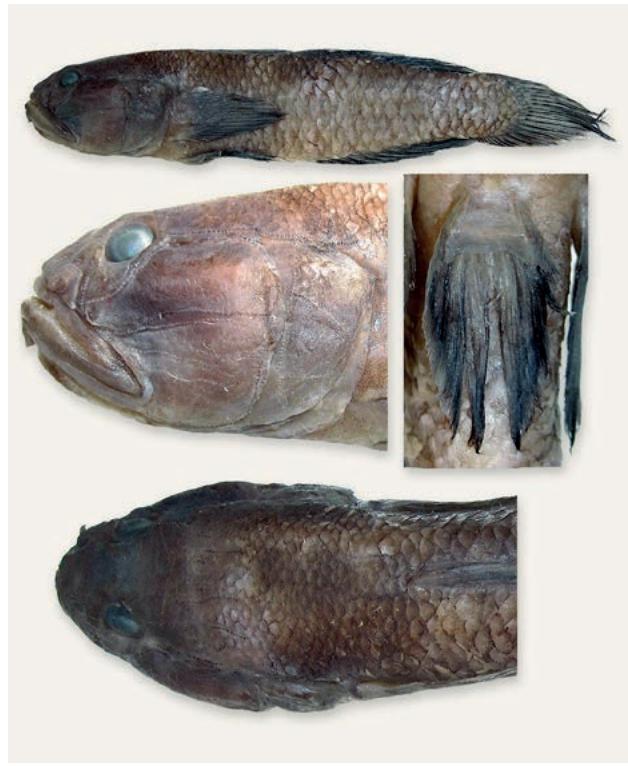
Arcygobius baliurus, isthmus goby, 71 mm TL (WIO).

Source: Smith 1959



Asterropteryx semipunctata, starryfin goby, 32 mm SL (Australia).

© J.F.Randall, Bishop Museum



Aulopareia unicolor, slit-pore goby, preserved specimen.

© A.Pokotnev



Asterropteryx spinosa, eye-bar rubblegoby, 24 mm SL (Indonesia).

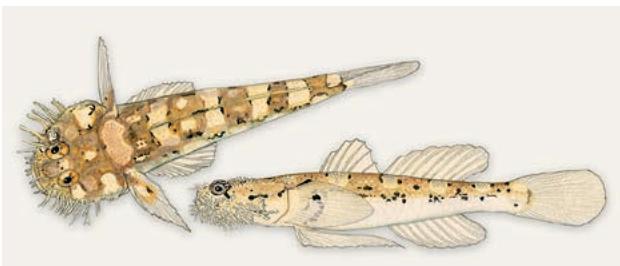
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Family GOBIIDAE, Subfamily Gobiinae, Gobies



- 1** *Asterropteryx ensifera*, bluespotted rubblegoby, 23 mm SL (Japan). **2** *Asterropteryx ovata*, egg-spot rubblegoby, 24 mm SL (Chagos).
3 *Asterropteryx semipunctata*, starryfin goby, 32 mm SL (Red Sea). **4** *Asterropteryx spinosa*, eye-bar rubblegoby, 26 mm SL (New Guinea).
5 *Bathygobius coalitus*, whitespotted frillgoby, 67 mm SL (South Africa). **6** *Bathygobius cocosensis*, Cocos frillgoby, 41 mm SL (Australia).
7 *Bathygobius cotticeps*, scaly-cheek frillgoby, 105 mm TL (Japan). **8** *Bathygobius cyclopterus*, spotted frillgoby, 65 mm TL (Red Sea).
9 *Bathygobius fuscus*, dusky frillgoby, 56 mm SL (Australia). **10** *Bathygobius laddi*, small brown frillgoby, 27 mm SL (Japan).
11 *Bathygobius meggitti*, brownlined frillgoby, 59 mm TL (Oman).

Family GOBIIDAE, Subfamily Gobiinae, Gobies



Barbuligobius boehlkei, bearded goby, 19 mm SL, dorsal view (South Africa); 18 mm SL, lateral view (Japan).



Bathygobius cyclopterus, spotted frillgoby (Guam). © RF Myers



Bathygobius fuscus, dusky frillgoby (Red Sea).

© SV Bogorodsky



Bathygobius meggitii, brownlined frillgoby, 59 mm TL (S Mozambique). © A Lund



Bathygobius niger, black frillgoby, 43 mm SL (SW India).

© JE Randall, Bishop Museum



Bryaninops amplus, single-whip goby (Red Sea). © R Field



Bryaninops loki, gorgonian whipgoby (Red Sea).

© JE Randall, Bishop Museum



Bryaninops natans, purple-eyed hovering goby (Red Sea). © SV Bogorodsky



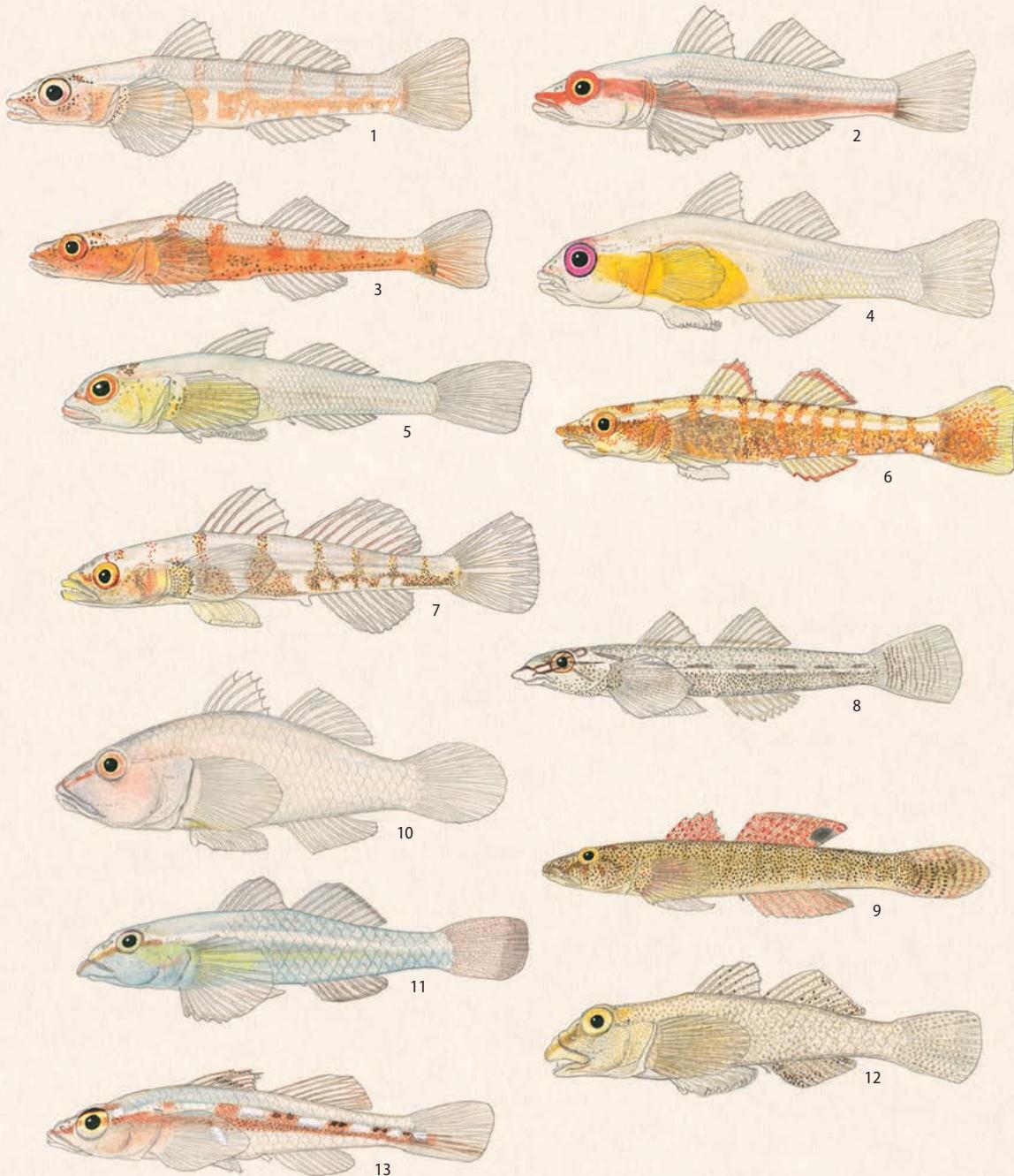
Bryaninops ridens, porites goby (Red Sea).

© SV Bogorodsky



Bryaninops spongiculus, sponge whipgoby (Sudan). © SV Bogorodsky

Family GOBIIDAE, Subfamily Gobiinae, Gobies



1 *Bryaninops amplus*, single-whip goby, 29 mm SL (Indo-West Pacific).* **2** *Bryaninops erythrops*, fire-coral goby, 17 mm SL (Australia).* **3** *Bryaninops loki*, gorgonian whipgoby, 23 mm SL, female.* **4** *Bryaninops natans*, purple-eyed hovering goby, 19 mm SL, female (Australia).* **5** *Bryaninops ridens*, porites goby, 15 mm SL (Australia).* **6** *Bryaninops tigris*, blackcoral goby, 25 mm SL (Australia).* **7** *Bryaninops yongei*, seawhip goby, 23 mm (Australia).* **8** *Leposicya lupus*, cup-sponge goby, 22 mm SL (Australia). **9** *Pleurosicya bilobata*, seagrass goby, 21 mm SL (Comoros). **10** *Pleurosicya boldinghi*, giant softcoral goby, 28 mm SL (Indo-West Pacific). **11** *Pleurosicya coerulea*, heliopora goby, 16 mm SL (Indo-West Pacific). **12** *Pleurosicya fringilla*, staghorn coralgoby, 15 mm SL (Chagos). **13** *Pleurosicya micheli*, hardcoral goby, 18 mm SL (central Pacific).*

* Composite

Family GOBIIDAE, Subfamily Gobiinae, Gobies



Bryaninops tigris, blackcoral goby, male above, female below (S Mozambique).

© V Fraser



Bryaninops yongei, seawhip goby (Red Sea).

© SV Bogorodsky



Cabillus lacertops, lizard cabillus, 20 mm SL (Seychelles).

KA Moers © NRI-SNAB



Cabillus macrourus, big-eye cabillus, 25 mm SL, preserved male (Seychelles).

© M Kovatić



Cabillus nigromarginatus, black-edge cabillus, 25 mm SL, female paratype (Rodrigues).

PC Heemstra © NRI-SNAB



Cabillus nigrofasciatus, black-spot cabillus, 38 mm SL, female holotype (Red Sea).

© SV Bogorodsky



Cabillus tongarevae, Tongareva cabillus, 28 mm SL (Chagos).

© R Winterbottom, ROM



Callogobius amikami, clown goby, juvenile (Red Sea).

© SV Bogorodsky

Family GOBIIDAE, Subfamily Gobiinae, Gobies



Callogobius amikami, clown goby (Yemen).

© SV Bogorodsky



Callogobius bifasciatus, doublebar goby, 33 mm SL (Saudi Arabia).

© SV Bogorodsky



Callogobius centrolepis, cycloid goby (Indonesia).

© GR Allen



Callogobius clarkae, Clark's goby (Saudi Arabia).

© SV Bogorodsky



Callogobius flavobrunneus, slimy goby (Red Sea).

© SV Bogorodsky



Callogobius flavobrunneus, slimy goby (Red Sea).

© SV Bogorodsky



Callogobius maculipinnis, ostrich goby (Red Sea).

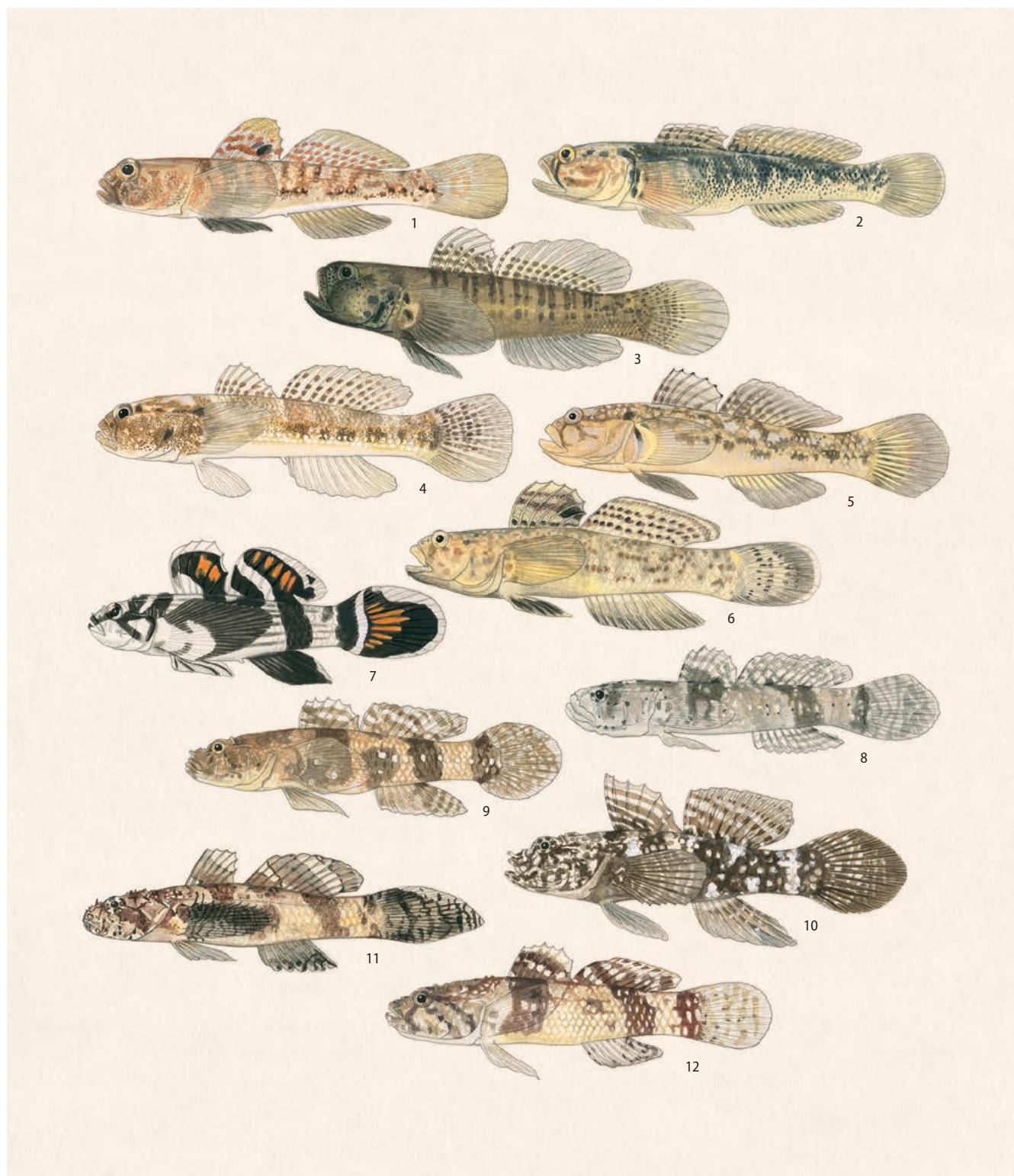
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Callogobius maculipinnis, ostrich goby (Red Sea).

© SV Bogorodsky

Family GOBIIDAE, Subfamily Gobiinae, Gobies



- 1** *Caffrogobius agulhensis*, Agulhas goby, 47 mm SL (South Africa). **2** *Caffrogobius caffer*, banded goby, 85 mm SL (South Africa). **3** *Caffrogobius gilchristi*, prison goby, 88 mm SL (South Africa). **4** *Caffrogobius natalensis*, baldy, 96 mm TL (South Africa). **5** *Caffrogobius nudiceps*, bare-head goby, 69 mm SL (South Africa). **6** *Caffrogobius saldanha*, comma-fin goby, 85 mm TL (South Africa). **7** *Callogobius amikami*, clown goby, 39 mm TL (Red Sea). **8** *Callogobius bifasciatus*, doublebar goby, 52 mm TL (Oman). **9** *Callogobius flavobrunneus*, slimy goby, 42 mm SL (Comoros). **10** *Callogobius maculipinnis*, ostrich goby, 31 mm SL (Japan). **11** *Callogobius plumatus*, feather goby, 41 mm SL (South Africa).* **12** *Callogobius sclateri*, Sclater's goby (Japan).

* Source: CFSN

Family GOBIIDAE, Subfamily Gobiinae, Gobies



PC Heemstra © NRE-SAIAB

Callogobius plumatus, feather goby, juvenile (Rodrigues).

PC Heemstra © NRE-SAIAB

Callogobius plumatus, feather goby, juvenile, dorsal view (Rodrigues).

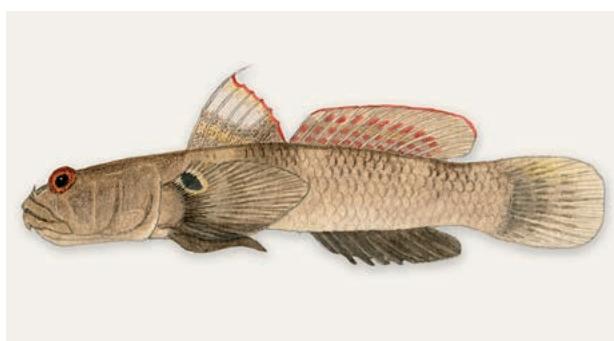
PC Heemstra © NRE-SAIAB

Callogobius winterbottomi, flap-headed goby, 38 mm SL, female (South Africa).

© JE Randall, Bishop Museum

Coryogalops anomolus, feathery-fin coryogalops, 28 mm TL (Bahrain).

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Coryogalops anomolus, feathery-fin coryogalops (Red Sea).

Composite

Coryogalops bretti, dark coryogalops, 39 mm SL (South Africa).

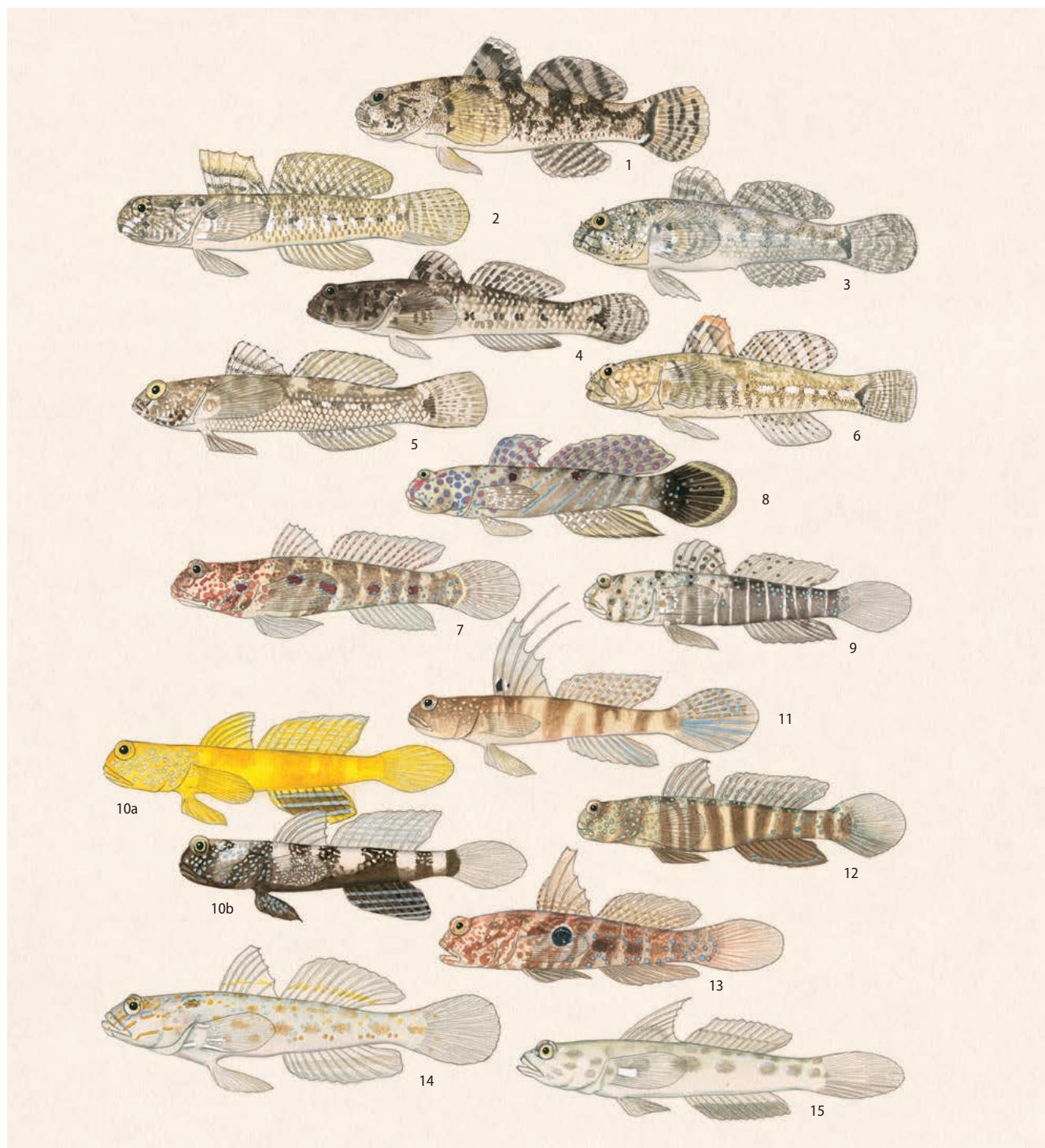
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Coryogalops guttatus, orange-spotted coryogalops, 25 mm SL (Red Sea).

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Coryogalops ocheticus, canal coryogalops, 54 mm SL (Suez Canal).

Family GOBIIDAE, Subfamily Gobiinae, Gobies



- 1** *Coryogalops adamsoni*, Adamson's coryogalops, 58 mm TL (Oman). **2** *Coryogalops anomolus*, feather-fin coryogalops, 46 mm TL (Oman).
3 *Coryogalops bulejensis*, tentacled coryogalops, 40 mm TL (Oman). **4** *Coryogalops monospilus*, single-spot coryogalops, 50 mm TL (Oman).
5 *Coryogalops tessellatus*, tessellate coryogalops, 31 mm SL (Persian/Arabian Gulf). **6** *Coryogalops william*, bare-belly coryogalops, 60 mm TL (South Africa). **7** *Cryptocentrus caeruleomaculatus*, blue-spotted shrimp goby, ~35 mm TL (Japan). **8** *Cryptocentrus caeruleopunctatus*, blue-and-red spotted shrimp goby, 87 mm SL (Red Sea). **9** *Cryptocentrus cryptocentrus*, eightbanded shrimp goby, 52 mm SL (Red Sea). **10** *Cryptocentrus fasciatus*, black shrimp goby, (a) 127 mm TL (Maldives), (b) 127 mm TL (Indian Ocean). **11** *Cryptocentrus filifer*, threadfin goby, 84 mm SL (Oman).
12 *Cryptocentrus lutheri*, Luther's shrimp goby, 80 mm SL (Persian/Arabian Gulf). **13** *Cryptocentrus strigiliceps*, target shrimp goby, 35 mm SL (Comoros).
14 *Ctenogobiops crocineus*, goldspotted shrimp goby, 44 mm SL (WIO).* **15** *Ctenogobiops ferculus*, pale shrimp goby, 45 mm SL (Indo-West Pacific).*

* Composite

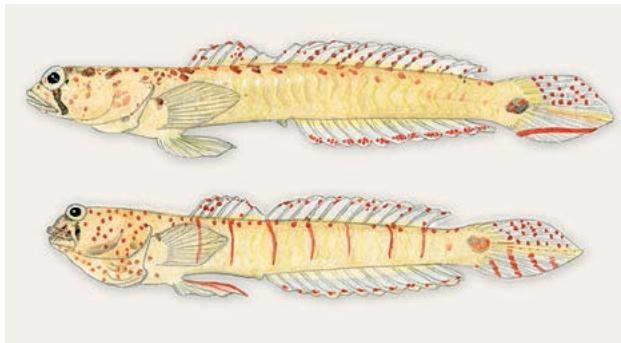
Family GOBIIDAE, Subfamily Gobiinae, Gobies



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Corygalops pseudomonospilus, brown-spot corygalops (Red Sea).

R.Bills © NRF-SAIB

Croilia mossambica, naked burrowing goby, ~40 mm SL, male (S Mozambique).*Croilia mossambica*, naked burrowing goby, 51 mm SL, female (top); 41 mm SL, male (bottom) (both South Africa).

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Cryptocentroides arabicus, Arabian crested goby (Eritrea).

© R.Friedl

Cryptocentroides arabicus, Arabian crested goby (Gulf of Oman).

© JE Randall, Bishop Museum

Cryptocentrus caeruleomaculatus, blue-spotted shrimpgoby, 55 mm SL (Sri Lanka).

© R.Koch

Cryptocentrus malindiensis, chocolate shrimpgoby (N Mozambique).*Cryptocentrus malindiensis*, chocolate shrimpgoby, 19 mm SL (Seychelles).

Family GOBIIDAE, Subfamily Gobiinae, Gobies



Ctenogobiops crocineus, goldspotted shrimpgoby, 50 mm SL (Seychelles).

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Ctenogobiops ferculus, pale shrimpgoby (Solomon Is.).

© S Polack



Ctenogobiops maculosus, brownspotted shrimpgoby (Red Sea).

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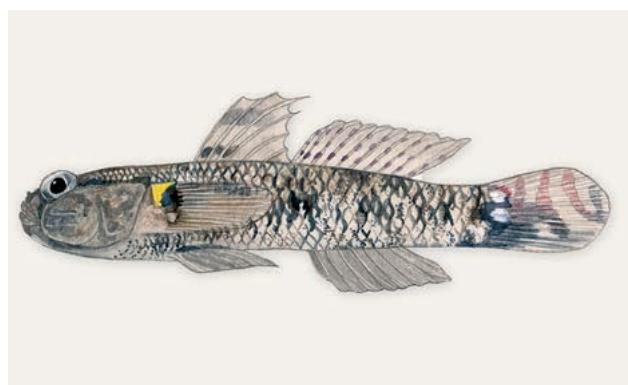


Ctenogobiops maculosus, brownspotted shrimpgoby (Red Sea).



Discordipinna griessingeri, bizarre-fin goby (Saudi Arabia).

© SY Bogorodsky



Drombus key, key goby, 25 mm SL (S Mozambique).

© SY Bogorodsky



Eviota distigma, shoulderspot pygmy goby, 14 mm SL, male (Gulf of Aqaba).

© J Helder



Eviota geminata, geminate pygmy goby, 14 mm SL (Red Sea).

Family GOBIIDAE, Subfamily Gobiinae, Gobies



- 1** *Eviota distigma*, shoulderspot pygmy goby, 14 mm SL (Japan). **2** *Eviota guttata*, spotted pygmy goby, **(a)** 25 mm TL male (Indonesia), **(b)** 16 mm SL (Oman). **3** *Eviota inflata*, shouldermark pygmy goby, 18 mm TL (Japan). **4** *Eviota mikiae*, white-lined pygmy goby, 15 mm SL (Comoros). **5** *Eviota nebulosa*, saddletail pygmy goby, 12 mm SL (New Caledonia). **6** *Eviota nigripinna*, black-dorsal pygmy goby, 13 mm SL (Maldives). **7** *Eviota notata*, blackspot pygmy goby, 15 mm SL (Chagos). **8** *Eviota pardalota*, leopard-spotted pygmy goby, 14 mm SL (Oman). **9** *Eviota prasina*, green pygmy goby, **(a)** 12 mm TL, female, **(b)** 23 mm TL, male (both Japan). **10** *Eviota sebreei*, red-and-white pygmy goby, 19 mm SL (Oman). **11** *Eviota sigillata*, sevenbar pygmy goby, 14 mm SL (Maldives). **12** *Eviota zebrina*, zebra pygmy goby, 18 mm SL (Red Sea). **13** *Istigobius decoratus*, decorated sandgoby, 50 mm SL (Madagascar). **14** *Istigobius ornatus*, ornate sandgoby (Mauritius). **15** *Stonogobiops dracula*, dracula shrimpgoby, 34 mm SL (Maldives). **16** *Stonogobiops nematodes*, blackrayed shrimpgoby, 37 mm SL (Philippines). **17** *Tomiyamichthys smithi*, Smith's shrimpgoby (Indonesia). #

= no species account

Family GOBIIDAE, Subfamily Gobiinae, Gobies

*Eviota guttata*, spotted pygmy goby (Red Sea).

© SV Bogorodsky

*Eviota guttata*, spotted pygmy goby, 17 mm SL (Rodrigues).

PC Heemstra © NRF-SALAB

*Eviota oculopiperita*, peppermint-eye pygmy goby, 1 cm SL (Red Sea).

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*Eviota pardalota*, leopard-spotted pygmy goby, 17 mm SL (Saudi Arabia).

© SV Bogorodsky

*Eviota pardalota*, leopard-spotted pygmy goby, 17 mm SL, male (Saudi Arabia).

© SV Bogorodsky

*Eviota prasina*, green pygmy goby (Saipan).

© H Kimura

*Eviota sebreei*, red-and-white pygmy goby (Red Sea).

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*Eviota sodwanaensis*, 14 mm SL (South Africa). #

© RWinterbottom, ROM

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Family GOBIIDAE, Subfamily Gobiinae, Gobies



Exyrias belissimus, mud reef-goby, 90 mm SL (Comoros).

© R.Winterbottom, ROM



Favonigobius melanobranchus, blackthroat sandgoby, 46 mm SL, male (Gulf of Suez).

© SV Bogorodsky



Favonigobius reichei, tropical sandgoby, 47 mm SL (South Africa).

© J.E.Randall, Bishop Museum



Fusigobius duospilus, two-spot fusegoby, 35 mm SL (Seychelles).

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Fusigobius duospilus, two-spot fusegoby (South Africa).

© V.Fraser



Fusigobius humeralis, shoulderspot fusegoby (Red Sea).

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Fusigobius inframaculatus, innerspot fusegoby, 67 mm SL (Seychelles).

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Fusigobius longispinus, longspine fusegoby (Red Sea).

© SV Bogorodsky

Family GOBIIDAE, Subfamily Gobiinae, Gobies

*Fusigobius maximus*, big fusegoby, 61 mm SL (Comoros).

© R Winterbottom, ROM

*Fusigobius neophytus*, African fusegoby (Red Sea).

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*Fusigobius pallidus*, orange-spotted fusegoby, 33 mm SL (Seychelles).

PC Heemstra © NRF-SAIAB

*Gladiogobius rex*, king goby (Indonesia).

© RH Kuiter

*Glossogobius callidus*, river flathead goby, 5 cm SL (S Mozambique).

R Bills © NRF-SAIAB

*Glossogobius giuris*, tank goby, ~10 cm SL (N Mozambique).

R Bills © NRF-SAIAB

*Glossogobius giurus*, tank goby, ~12 cm SL, juvenile, aquarium (Madagascar).

© P Loiselle

*Glossogobius tenuiformis*, Natal flathead goby, 42 mm SL (South Africa).

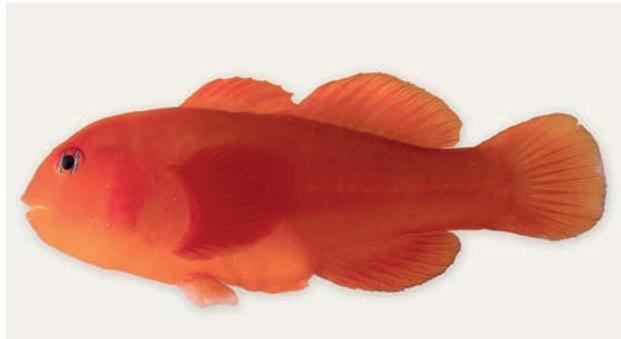
PC Heemstra © NRF-SAIAB

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© J. Herler

Gobiodon ater, black coralgoby, 19 mm SL, gravid female (Gulf of Aqaba).



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Gobiodon bilineatus, two-lined coralgoby, 27 mm SL, adult (Red Sea).



© SV Bogorodsky

Gobiodon bilineatus, two-lined coralgoby, ~24 mm SL, subadult (Red Sea).



© J. Herler

Gobiodon fuscocuber, brown-red coralgoby, ~30 mm SL, subadult (Gulf of Aqaba).



© SV Bogorodsky

Gobiodon irregularis, rufous coralgoby, ~17 mm SL, subadult (Red Sea).



© SV Bogorodsky

Gobiodon irregularis, rufous coralgoby, juvenile (Red Sea).



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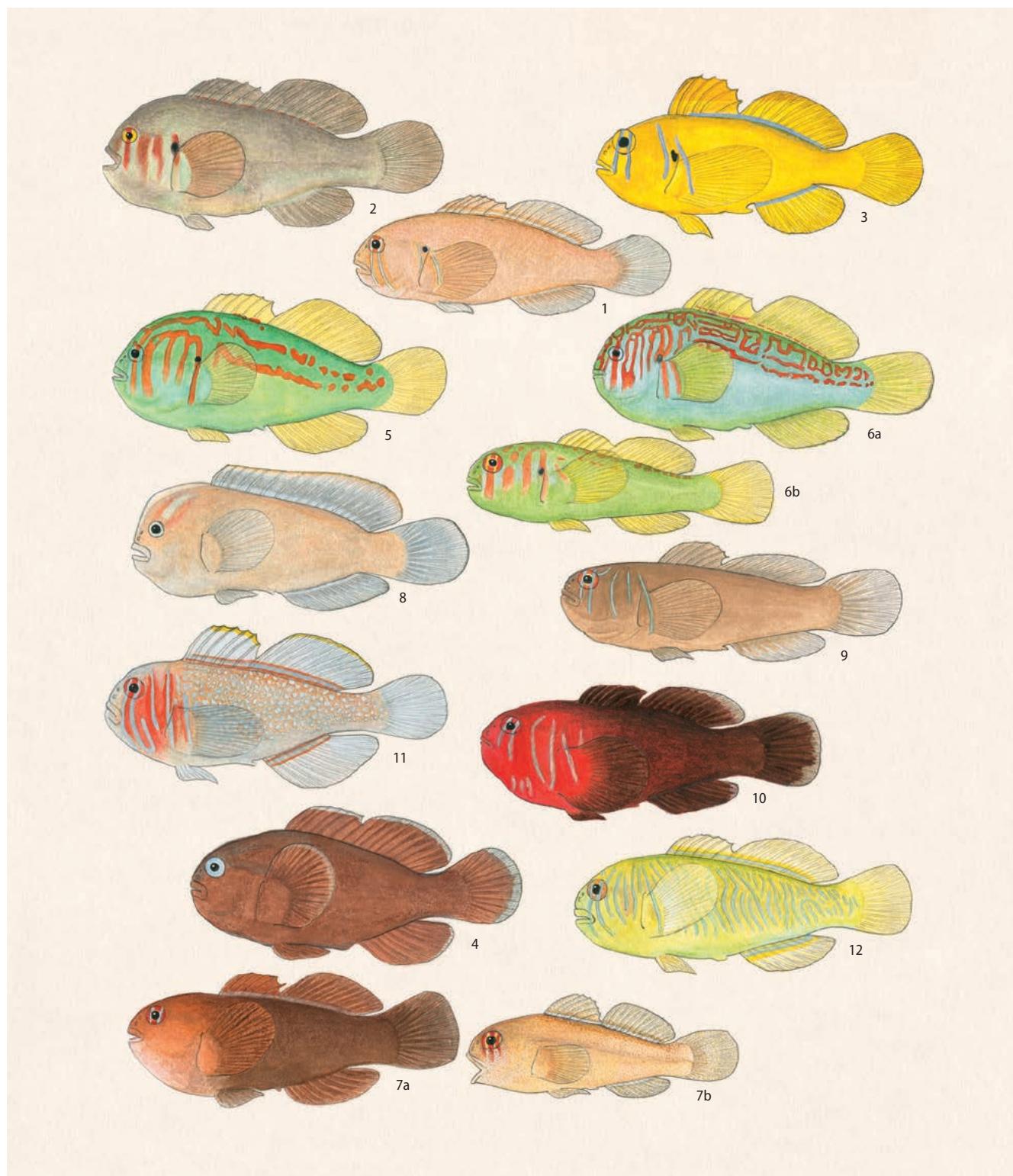
Gobiodon irregularis, rufous coralgoby, 31 mm SL, adult (Red Sea).



© SV Bogorodsky

Gobiodon reticulatus, reticulate coralgoby (Red Sea).

Family GOBIIDAE, Subfamily Gobiinae, Gobies



1 *Gobiodon albolineatus*, red coralgoby, 26 mm SL (Chagos). **2** *Gobiodon axillaris*, redstriped coralgoby, 35 mm SL (Australia). **3** *Gobiodon citrinus*, citron coralgoby, 33 mm SL (Yemen). **4** *Gobiodon fuscoruber*, brown-red coralgoby, 37 mm SL (Red Sea). **5** *Gobiodon histrio*, broadbarred coralgoby (Red Sea). **6** *Gobiodon cf. histrio*, (a) 34 mm SL, female, (b) 15 mm SL, juvenile (both Red Sea form). # **7** *Gobiodon irregularis*, rufous coralgoby, (a) 24 mm SL, (b) 15 mm SL (both Rodrigues). **8** *Gobiodon micropus*, eyebrowed coralgoby, 28 mm SL (Mauritius). **9** *Gobiodon prolixus*, slender coralgoby, 26 mm SL (Rodrigues). **10** *Gobiodon quinquestrigatus*, brightbanded coralgoby, 30 mm SL (Oman). **11** *Gobiodon reticulatus*, reticulate coralgoby, 43 mm SL (Red Sea). **12** *Gobiodon rivulatus*, rippled coralgoby, 21 mm SL (Red Sea).

= no species account

Family GOBIIDAE, Subfamily Gobiinae, Gobies

*Gobiopsis canalis*, western barbeled goby, 14 mm SL (Oman).

© J.F. Randall, Bishop Museum

*Gobiopsis exigua*, shortbarbeled goby, 35 mm SL (Comoros).

© R. Winterbottom, ROM

*Gobiopsis pinto*, pinto goby, 50 mm TL, holotype (S Mozambique).

Source: SFSU

*Gobius cobitis*, giant goby (Black Sea).

© SV Bogorodsky

*Gobius niger*, black goby (Aegean Sea).

© SV Bogorodsky

*Gobius paganellus*, rock goby (Aegean Sea).

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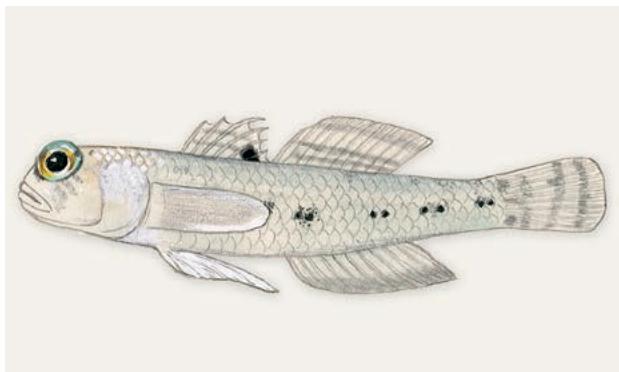
*Hazeus diacanthus*, sparsely spotted sandgoby, 43 mm TL (Maldives).

© GR Allen

*Hazeus diacanthus*, sparsely spotted sandgoby (Philippines).

© GR Allen

Family GOBIIDAE, Subfamily Gobiinae, Gobies



Hazeus maculipinna, black-spot sandgoby, 37 mm SL (Maldives).



Hetereleotris apora, poreless goby, 13 mm SL (Chagos). © R Winterbottom, ROM



Hetereleotris diademata, crowned goby, 28 mm SL (Red Sea). © SV Bogorodsky



Hetereleotris dorsovittata, bandfin goby, 22 mm SL (Red Sea). © SV Bogorodsky



Hetereleotris georgegilli, Gill's goby, 27 mm SL (Rodrigues). © PC Heemstra © NRE-SAIAB



Hetereleotris nebulofasciata, cloudybarred goby, 20 mm SL (Comoros). © R Winterbottom, ROM



Hetereleotris psammophila, sandlover goby, 27 mm SL (Red Sea). © SV Bogorodsky



Hetereleotris psammophila, sandlover goby, 27 mm SL (Red Sea). © SV Bogorodsky

Family GOBIIDAE, Subfamily Gobiinae, Gobies



© PC Heemstra © NRF-SAJAB

Heteroleotris tentaculata, locusthead goby, 17 mm SL (Rodrigues).

© SV Bogorodsky

Heteroleotris vulgaris, ordinary Red Sea goby, 21 mm SL (Red Sea).

© R Winterbottom, ROM

Heteroleotris zanzibarensis, goggle goby, 20 mm SL, dorsal view (Comoros).

© JF Randall, Bishop Museum

Heteroleotris zanzibarensis, goggle goby, 22 mm SL (Maldives).

© JE Randall, Bishop Museum

Heteroleotris zonata, blackbar goby, 32 mm SL (Oman).

© PC Heemstra © NRF-SAJAB

Heteroleotris zonata, blackbar goby, 34 mm SL (South Africa).

© SV Bogorodsky

Istigobius ornatus, ornate sandgoby (Red Sea).

© SV Bogorodsky

Istigobius ornatus, ornate sandgoby, 65 mm SL (Red Sea).

© RH Kuiter

Istigobius spence, pearl sandgoby (Australia).

© BR Ring

Lobulogobius morrigo, seapen goby, ~4 cm TL (South Africa). #

= no species account

Family GOBIIDAE, Subfamily Gobiinae, Gobies



© SV Bogorodsky

Lotilia graciliosa, whitecap shrimpgoby (Red Sea).

© SV Bogorodsky

Leposicya lupus, cup-sponge goby, dorsal view (Red Sea).

© SV Bogorodsky

Macrodontogobius wilburi, largetooth sandgoby (Red Sea).

© GR Allen

Macrodontogobius wilburi, largetooth sandgoby (New Guinea).

© T Allen

Mahidolia mystacina, smiling goby, young female (Guam).

© RF Myers

Mahidolia mystacina, smiling goby, female (Guam).

© T Allen

Mahidolia mystacina, smiling goby, male (Guam).

© H Nagano

Mahidolia mystacina, smiling goby, male (Palau).

Family GOBIIDAE, Subfamily Gobiinae, Gobies



© KK Bineesh © CMFRI

Obliquogobius comeses, oblique goby, 90 mm SL (SW India).

© AVZ 2010

Obliquogobius yamadai (S Madagascar). #

© SV Bogorodsky

Opopomus oplopomus, pretty lagoongoby (Red Sea).

© SV Bogorodsky

Opopomus oplopomus, pretty lagoongoby, juvenile (Red Sea).

© SV Bogorodsky

Palutrus scapulopunctatus, shoulderspot goby, female (Red Sea).

© SV Bogorodsky

Palutrus scapulopunctatus, shoulderspot goby, male (Red Sea).

© SV Bogorodsky

Palutrus sp., 15 mm SL (Red Sea). #

= no species account

*Parachaeturichthys polynema*, taileyed goby, 60 mm SL (S Mozambique).

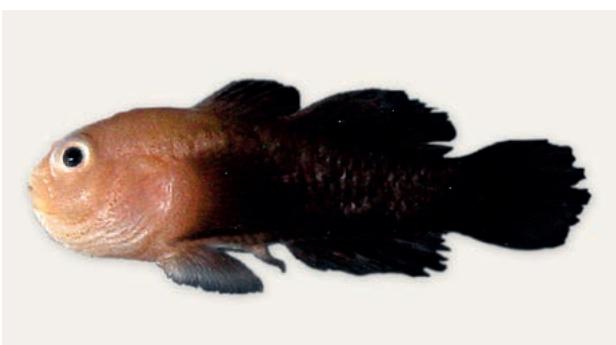
Family GOBIIDAE, Subfamily Gobiinae, Gobies



Paragobiodon echinocephalus, redhead coralgoby, 16 mm SL (Comoros).



Paragobiodon lacunicolus, blackfin coralgoby, 15 mm SL (Chagos).

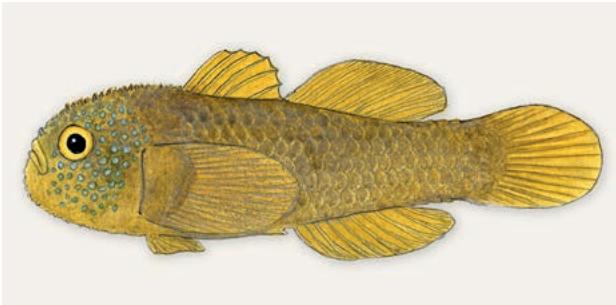


Paragobiodon modestus, palehead coralgoby, 16 mm SL (Seychelles).

KM Moots © NPF-SWAB



Paragobiodon modestus, palehead coralgoby, 20 mm SL (Chagos).



Paragobiodon xanthosoma, emerald coralgoby, 22 mm SL (Comoros).

© SV Bogrodsky



Paragobiodon xanthosoma, emerald coralgoby (Red Sea).



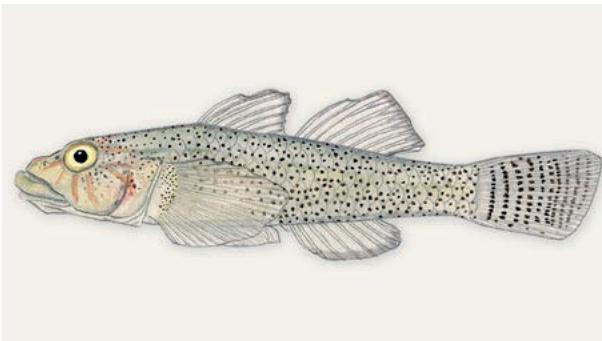
Phyllogobius platycephalops, flathead sponge goby (New Guinea).

© CR Allen



Pleuroscyca mossambica, many-host goby, both 21 mm SL (Comoros [top]; Australia [bottom]).

Family GOBIIDAE, Subfamily Gobiinae, Gobies



Pleurosicya muscarum, softcoral goby, 21 mm SL (Indo-West Pacific).



Pleurosicya plicata, folded-lobe goby, 21 mm SL (Chagos).



Pleurosicya plicata, folded-lobe goby (Red Sea).

© SV Bogorodsky



Pleurosicya prognatha, beaky Acropora goby (Red Sea).

© SV Bogorodsky



Pomatoschistus marmoratus, marbled goby (Black Sea).

© SV Bogorodsky



Priolepis cincta, banded reef goby (Réunion).

© A. Diringer



Priolepis compita, crossroad goby (Red Sea).

© SV Bogorodsky



Priolepis inhaca, network goby (Mozambique).

R. Bills © NRF-SAAB

Family GOBIIDAE, Subfamily Gobiinae, Gobies



1 *Priolepis anthioides*, orange goby, 39 mm TL, holotype (Zanzibar).* **2** *Priolepis cincta*, banded reef goby, 26 mm SL, female (Comoros). **3** *Priolepis compita*, crossroad goby, 12 mm SL (New Caledonia). **4** *Priolepis inhaca*, network goby, 24 mm SL (Society Is.). **5** *Priolepis kappa*, kappa goby, 23 mm SL, female (Fiji). **6** *Priolepis nocturna*, night goby, 44 mm SL (Mauritius). **7** *Priolepis randalli*, Randall's goby, 30 mm SL, female (Persian Gulf). **8** *Priolepis semidoliata*, barrel goby, 20 mm SL (Vietnam). **9** *Priolepis zebra*, bighead goby, 42 mm TL (Oman).



Priolepis kappa, kappa goby, 15 mm SL (Comoros).

© RWinterbottom, ROM



Priolepis melanops, black-faced reefgoby, 24 mm SL, female holotype (Red Sea).

© SV Bogorodsky

* Source: Smith 1959

Family GOBIIDAE, Subfamily Gobiinae, Gobies

*Priolepis randalli*, Randall's goby, 19 mm SL, (Gulf of Aqaba).

© JE Randall, Bishop Museum

*Priolepis zebra*, bighead goby, 34 mm SL (Oman).

© JE Randall, Bishop Museum

*Psammogobius biocellatus*, crocodile goby, 76 mm TL (Indonesia).

© JE Randall, Bishop Museum

*Psammogobius knysnaensis*, Knysna sandgoby, 45 mm SL (South Africa).

PC Heemstra © NRF-SAIAB

*Psilogobius randalli*, white-bar shrimpgoby (Red Sea).

© SV Bogorodsky

*Silhouettea aegyptia*, Egyptian sandgoby (Red Sea).

© SV Bogorodsky

*Silhouettea insinuans*, phantom sandgoby, 26 mm SL (Rodrigues).

PC Heemstra © NRF-SAIAB

*Silhouettea sibayi*, barebreast sandgoby, 24 mm SL (S Mozambique).

R Bills © NRF-SAIAB

Family GOBIIDAE, Subfamily Gobiinae, Gobies

*Silhouettea sibayi*, barebreast sandgoby, male (South Africa).

Source: Skelton 1993

*Stonogobiops dracula*, dracula shrimpgoby (Réunion).

© A Diringer

*Stonogobiops nematodes*, blackrayed shrimpgoby (South Africa).

AD Connell © NRF-SAIAB

*Sueviota aprica*, apricot sueviota, 13 mm SL, female (Fiji).

© R Winterbottom, ROM

*Sueviota lachneri*, Lachner's sueviota, 15 mm SL (Comoros).

© R Winterbottom, ROM

*Tomiyamichthys dorsostigma*, 47 mm SL, holotype (Gulf of Aqaba). #

© SV Bogorodsky

*Tomiyamichthys latruncularius*, fan shrimpgoby, 43 mm SL, male (Maldives).

© SV Bogorodsky

*Tomiyamichthys latruncularius*, fan shrimpgoby (Red Sea).

= no species account

Family GOBIIDAE, Subfamily Gobiinae, Gobies



Tomiyamichthys praecultus, bannerfin shrimpgoby, 32 mm SL (Maldives).



Trimma anaima, pallid pygmy goby (Palau).



Trimma avidori, Avidor's pygmy goby (Sudan).

© SV Bogorodsky



Trimma barralli, Barrall's pygmy goby (Red Sea).

© SV Bogorodsky



Trimma fishelsoni, Fishelson's pygmy goby (Red Sea).

© SV Bogorodsky



Trimma fucatum, harlot pygmy goby (Indonesia).

© GR Allen



Trimma hoesei, Hoesse's pygmy goby (Maldives).

© RH Kuiter



Trimma mendelsohni, Mendelsohn's pygmy goby, 22 mm SL (Rodrigues).

© PC Heemstra © NRF-SAIB

Family GOBIIDAE, Subfamily Gobiinae, Gobies



1 *Trimma anaima*, pallid pygmy goby (Maldives). **2** *Trimma annosum*, greybeard pygmy goby, 23 mm SL, male paratype (Vietnam). # **3** *Trimma avidori*, Avidor's pygmy goby, 19 mm SL (Yemen). **4** *Trimma barralli*, Barrall's pygmy goby (Red Sea). **5** *Trimma bisella*, two-saddle pygmy goby, 24 mm SL (Mauritius). **6** *Trimma corallinum*, polkadot pygmy goby, 20 mm SL (South Africa). **7** *Trimma dalerocheila*, hotlips pygmy goby, 17 mm SL, paratype (Chagos). **8** *Trimma emeryi*, Emery's pygmy goby, 17 mm SL (New Caledonia). **9** *Trimma filamentosum*, long-spine pygmy goby (Red Sea). **10** *Trimma fishelsoni*, Fishelson's pygmy goby, 27 mm SL (Red Sea). **11** *Trimma flammeum*, flame pygmy goby, 20 mm SL (South Africa). **12** *Trimma flavicaudatum*, yellow-tailed pygmy goby, **(a)** 24 mm SL, **(b)** 24 mm SL (both Red Sea). **13** *Trimma griffithsi*, Griffith's pygmy goby, 17 mm SL, female paratype (Chagos). **14** *Trimma haima*, cut-face pygmy goby, 21 mm SL (Rodrigues). **15** *Trimma halonevum*, pimple pygmy goby (Maldives). **16** *Trimma hoesei*, Hoese's pygmy goby, 21 mm SL, female holotype (Chagos).

= no species account

Family GOBIIDAE, Subfamily Gobiinae, Gobies



Trimma naudei, Naudé's pygmy goby, 27 mm SL (Comoros).



Trimma omanense, crescent-winged pygmy goby (Oman).



Trimma quadrimaculatum, four-spotted pygmy goby (Red Sea).

© SV Bogorodsky



Trimma sheppardi, Sheppard's pygmy goby (Red Sea).

© SV Bogorodsky



Trimma stobbsi, Stobbs's pygmy goby, 17 mm SL, female (Indonesia).

© R Winterbottom, ROM



Trimma stobbsi, Stobbs's pygmy goby (Indonesia).

© GR Allen



Trimma striatum, red-striped pygmy goby, 23 mm SL (Palau).

© JE Randall, Bishop Museum



Trimma taylori, Taylor's pygmy goby, 20 mm SL, male (Chagos).

© R Winterbottom, ROM

Family GOBIIDAE, Subfamily Gobiinae, Gobies



Trimma taylori, Taylor's pygmy goby (Red Sea).

© SV Bogorodsky



Trimma unisquamum, blackmargin pygmy goby, 14 mm SL, male (Comoros).

© R Winterbottom, ROM



Trimma volcano, volcano pygmy goby, 14 mm SL, female paratype (Comoros).

© R Winterbottom, ROM



Trimma winchi, Winch's pygmy goby, 19 mm SL, male holotype (Chagos).

© R Winterbottom, ROM



Trimma winterbottomi, Winterbottom's pygmy goby (Oman).

© R Field



Trimmatom nanus, dwarf atom goby, 11 mm SL (Red Sea).

© SV Bogorodsky



Trimmatom nanus, dwarf atom goby, 9 mm SL, female (Palau).

© R Winterbottom, ROM



Trimmatom pharus, lighthouse atom goby, 13 mm TL (Philippines).

© DF Hoese

Family GOBIIDAE, Subfamily Gobiinae, Gobies



© V Fraser

Valenciennea puellaris, maiden glidergoby (S Mozambique).

© SV Bogorodsky

Valenciennea sexguttata, bluespotted glidergoby (Red Sea).

© JE Randall, Bishop Museum

Vanderhorstia ambanoro, twin-spot shrimpgoby, 57 mm SL (Kenya).

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Vanderhorstia ambanoro, twin-spot shrimpgoby (Indonesia).

© V Fraser

Vanderhorstia delagoae, candystick shrimpgoby (S Mozambique).

© SV Bogorodsky

Vanderhorstia mertensi, Mertens' shrimpgoby (Red Sea).

© JE Randall, Bishop Museum

Vanderhorstia opercularis, blackgill shrimpgoby, 51 mm SL, male holotype (Gulf of Aqaba).

© JE Randall, Bishop Museum

Vanderhorstia opercularis, blackgill shrimpgoby (Red Sea).

Family GOBIIDAE, Subfamily Gobiinae, Gobies



- 1** *Opopomus caninoides*, shy lagoongoby, 52 mm TL (Maldives). **2** *Opopomus opopomus*, pretty lagoongoby, 44 mm SL (Comoros).
3 *Valenciennea helsdingenii*, railway glidergoby, 154 mm SL (South Africa). **4** *Valenciennea parva*, dwarf glidergoby, 38 mm SL (Japan).
5 *Valenciennea persica*, Gulf glidergoby, (a) ~60 mm TL, subadult (Oman), (b) 103 mm SL, adult (Persian/Arabian Gulf). **6** *Valenciennea puellaris*, maiden glidergoby, 99 mm SL (Oman). **7** *Valenciennea sexguttata*, bluespotted glidergoby, (a) 80 mm SL (Rodrigues), (b) 71 mm SL (Persian/Arabian Gulf).
8 *Valenciennea strigata*, goldenheaded glidergoby, 52 mm SL (South Africa). **9** *Valenciennea wardii*, broad-barred glidergoby, 63 mm SL (Red Sea).
10 *Vanderhorstia ambanoro*, twin-spot shrimpgoby, 57 mm SL (Maldives). **11** *Vanderhorstia delagoae*, candystick shrimpgoby, 70 mm TL (Kenya).
12 *Vanderhorstia mertensi*, Mertens' shrimpgoby, 50 mm SL (Oman). **13** *Vanderhorstia ornatissima*, blue-barred shrimpgoby, 45 mm SL (Seychelles).

Family GOBIIDAE, Subfamily Gobiinae, Gobies



PC Heemstra © NRF-SAIAB

Vanderhorstia ornatissima, bluebarred shrimpgoby, 43 mm SL (Rodrigues).



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Vanderhorstia ornatissima, blue-barred shrimpgoby (Indonesia).



PC Heemstra © NRF-SAIAB

Yongeichthys audax, mangrove goby, 39 mm SL (Seychelles).



E Heemstra © NRF-SAIAB/AV2010

Yongeichthys audax, mangrove goby, 61 mm SL (SE Madagascar).



R Bills © NRF-SAIAB

Yongeichthys nebulosus, shadow goby, ~50 mm SL (N Mozambique).



PC Heemstra © NRF-SAIAB

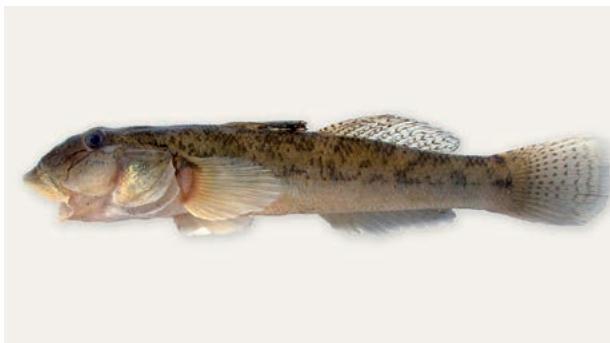
Yongeichthys signatus, tusk goby, 30 mm SL, juvenile (S Mozambique).



PC Heemstra © NRF-SAIAB

Yongeichthys suluensis, Sulu goby, 37 mm SL (Rodrigues).

Family GOBIIDAE, Subfamily Gobionellinae, Estuarine gobies



Awaous aeneofuscus, freshwater goby, 113 mm SL (N Mozambique).

© R Bills © NFR-SAAB



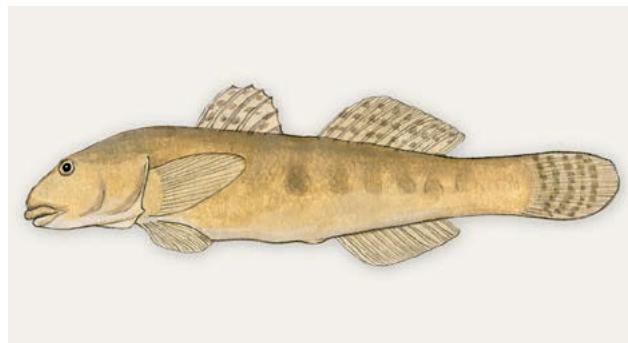
Awaous aeneofuscus, freshwater goby, 150 mm SL, subadult, aquarium (Madagascar).

© P Loiselle



Awaous commersoni, Mascarene freshwater goby (Réunion).

© P Keith, MNHN



Awaous jayakari, Arabian freshwater goby, 60 mm SL (Yemen).

© SY Bogorodsky



Gnatholepis anjerensis, weeper (Red Sea).

© SY Bogorodsky



Gnatholepis caudimaculata, Red Sea weeper (Red Sea).

© SY Bogorodsky



Gnatholepis cauerensis, slender weeper, 35 mm SL (Seychelles).

© RC Heemstra © NFR-SAAB



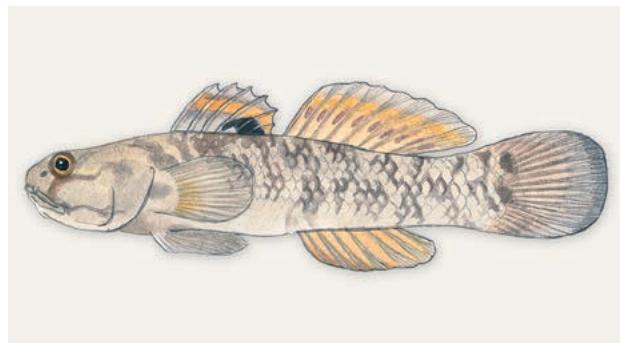
Mugilogobius fuscus, dusky mangrove goby, 40 mm SL (Japan).

Family GOBIIDAE, Subfamily Gobionellinae, Estuarine gobies



Mugilogobius mertoni, chequered mangrove goby, ~30 mm SL (S Mozambique).

R Bills © NRF-SAIAB



Mugilogobius mertoni, chequered mangrove goby (Mozambique).



Oligolepis sp., plain teardrop goby, 50 mm SL (South Africa).

P C Heemstra © NRF-SAIAB



Oxyurichthys keiensis, Kei goby, 58 mm SL, male (South Africa).

P C Heemstra © NRF-SAIAB



Oxyurichthys limophilus, mudloving tentacle goby, 59 mm SL, female holotype (Kenya).

© JF Randall, Bishop Museum



Oxyurichthys lonchotus, throat-spot tentacle goby, 46 mm SL (Mozambique).

R Bills © NRF-SAIAB



Oxyurichthys nuchalis, African tentacle goby, 111 mm TL (Mozambique).

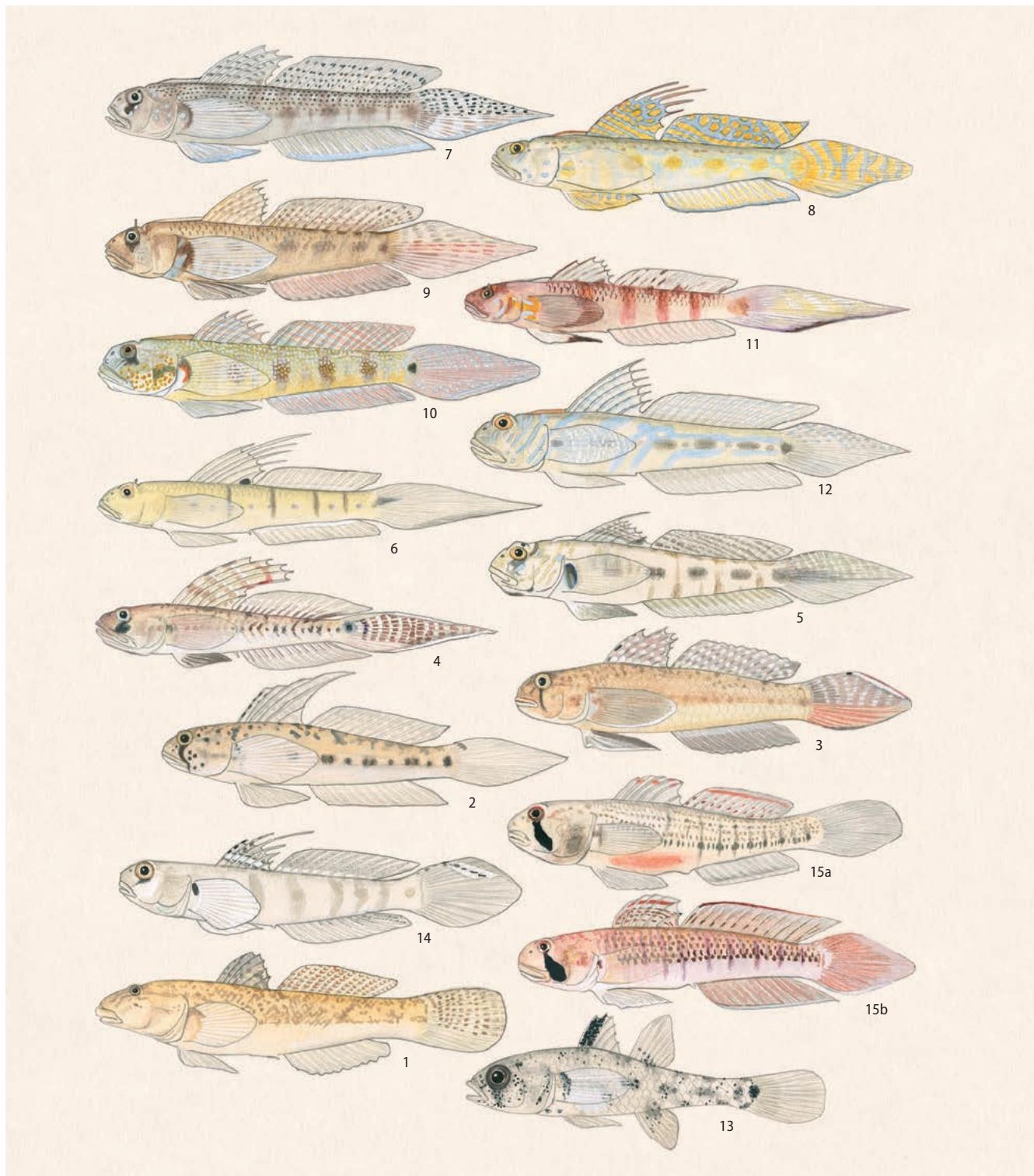
© O Alvhheim, IMR



Oxyurichthys papuensis, frogface tentacle goby, 206 mm TL (Mozambique).

© O Alvhheim, IMR

Family GOBIIDAE, Subfamily Gobionellinae, Estuarine gobies



- 1** *Awaous aeneofuscus*, freshwater goby, 133 mm SL (Mozambique). **2** *Oligolepis acutipennis*, black spotted teardrop goby, 53 mm TL (Indo-West Pacific). **3** *Oligolepis* sp., plain teardrop goby, 47 mm TL (South Africa). **4** *Oxyurichthys keiensis*, Kei goby, 58 mm TL (South Africa). **5** *Oxyurichthys lonchotus*, throat-spot tentacle goby.* **6** *Oxyurichthys longicauda*, long-tailed tentacle goby (Indonesia). **7** *Oxyurichthys microlepis*, blackspotted goby (Australia). **8** *Oxyurichthys notonema*, elegant tentacle goby (Kenya). **9** *Oxyurichthys ophthalmonema*, tentacle goby (Japan). **10** *Oxyurichthys papuensis*, frogface tentacle goby (WIO). **11** *Oxyurichthys paulae*, Paula's tentacle goby (India). **12** *Oxyurichthys petersii*, Red Sea tentacle goby (Red Sea). **13** *Pandaka silvana*, African dwarf goby, 16 mm TL (Mozambique). **14** *Stenogobius hilgendorfii*, African rivergoby, ~50 mm SL (Mozambique). **15** *Stenogobius polyzona*, banded rivergoby, (a) 51 mm SL (South Africa), (b) 96 mm SL male (Réunion; from E Vignieux photograph).

* Composite

Family GOBIIDAE, Subfamily Gobionellinae, Estuarine gobies



© JF Randall, Bishop Museum

Oxyurichthys paulae, Paula's tentacle goby, 51 mm SL (SW India).

© SV Bogorodsky

Oxyurichthys petersii, Red Sea tentacle goby, 90 mm SL, female (Red Sea).

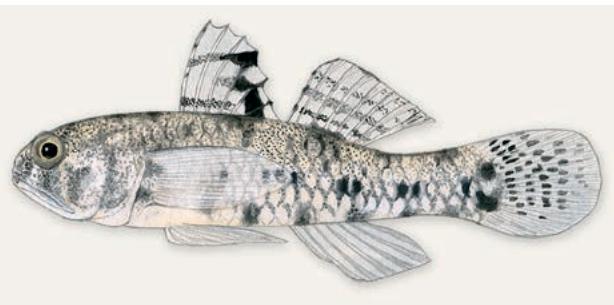
© SV Bogorodsky

Oxyurichthys petersii, Red Sea tentacle goby, 130 mm SL, male (Red Sea).

© H Nagano

Oxyurichthys takagi, Takagi's tentacle goby (Palau).

R Bills © NRF-SAIAB

Pandaka silvana, African dwarf goby, 16 mm TL (Mozambique).*Redigobius balteatus*, belted goby, 24 mm SL (S Mozambique).

R Bills © NRF-SAIAB

Redigobius bikolanus, bigmouth goby, 30 mm TL (Japan).

© Seotaro CC BY-SA 3.0

Redigobius bikolanus, bigmouth goby (Japan).

R Bills © NRF-SAIAB

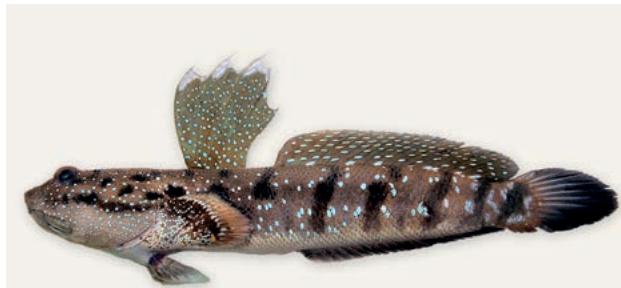
Redigobius dewaali, checked goby, female (S Mozambique).*Redigobius dewaali*, checked goby, 27 mm SL, male (South Africa).

Family GOBIIDAE, Subfamily Oxudercinae, Mudskippers



Boleophthalmus boddarti, blue-spotted mudskipper, ?female (Malaysia).

© G Polgar



Boleophthalmus boddarti, blue-spotted mudskipper, male (Malaysia).

© G Polgar



Boleophthalmus dussumieri, Dussumier's mudskipper, 90 mm SL (Persian/Arabian Gulf).

© JF Randall, Bishop Museum



Oxuderces nexipinnis, Belodok mudskipper, 52 mm SL, dorsal view (Malaysia).

© G Polgar



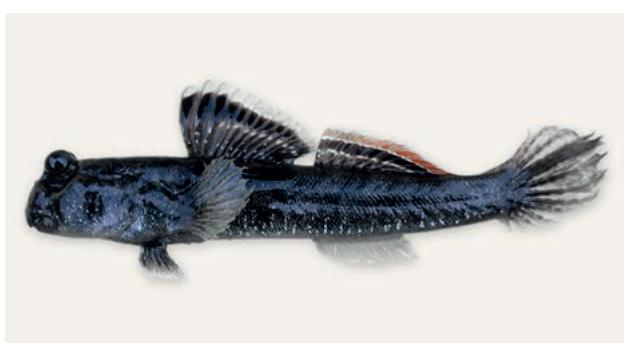
Oxuderces nexipinnis, Belodok mudskipper, 52 mm SL (Malaysia).

© G Polgar



Oxuderces nexipinnis, Belodok mudskipper, aquarium (Malaysia).

© G Polgar



Periophthalmus argentilineatus, silverbarred mudskipper (South Africa).

AK Whitfield © NRF-SAIAB



Periophthalmus argentilineatus, silverbarred mudskipper, 64 mm SL (South Africa).

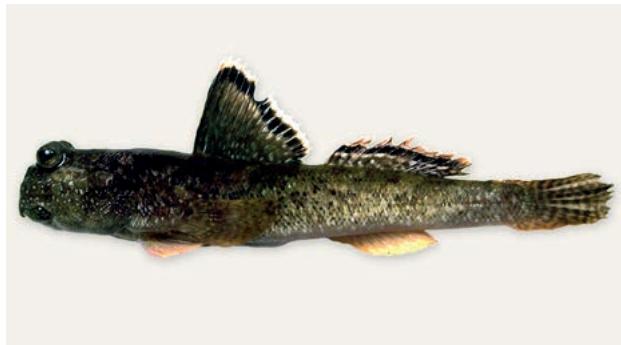
PC Heemstra © NRF-SAIAB

Family GOBIIDAE, Subfamily Oxudercinae, Mudskippers



Periophthalmus kalolo, kalolo mudskipper, 95 mm SL (Djibouti).

© J.F.Randall, Bishop Museum



Periophthalmus kalolo, kalolo mudskipper, 91 mm SL.

© G Polgar



Periophthalmus waltoni, Arabian mudskipper, 100 mm SL (Iran).

© G Polgar



Scartelaos histophorus, blue mud-slipper, 85 mm SL, female (Australia).

© G Polgar



Scartelaos histophorus, blue mud-slipper, aquarium (Australia).

© G Polgar



Scartelaos tenuis, slender mud-slipper, ~140 mm SL (Iran).

© G Polgar



Scartelaos tenuis, slender mud-slipper, 103 mm SL (Persian/Arabian Gulf).

Family GOBIIDAE, Subfamily Sicydiinae, River gobies



Cotylopus acutipinnis, cascade goby (Réunion).

© N Teichert



Cotylopus rubripinnis, redfinned cascade goby (Comoros).

© P Keith, MNHN



Sicyopterus franouxi, banded stream-goby, ~85 mm SL, adult female (NE Madagascar).

JS Sparks © AMNH



Sicyopterus franouxi, banded stream-goby (Madagascar).

R Bills © NRF-SAAB



Sicyopterus lagocephalus, blue stream-goby, adult male (Réunion).

© P Keith, MNHN



Sicyopterus punctissimus, Madagascar stream-goby, ~80 mm SL, adult male (NE Madagascar).

JS Sparks © AMNH

Family ELEOTRIDAE, Sleepers, gudgeons



Butis butis, crimson-tipped sleeper, juvenile (Madagascar).

© P Loiselle



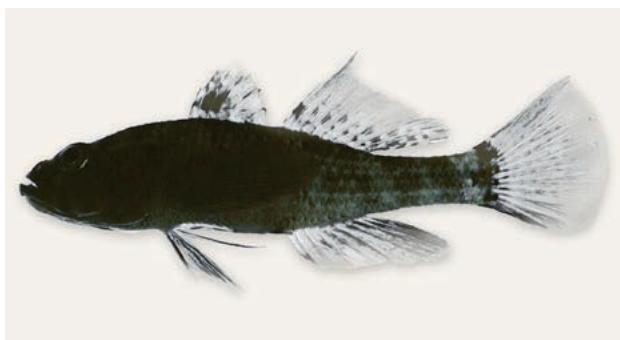
Butis butis, crimson-tipped sleeper, adult (Madagascar).

© P Loiselle



Butis humeralis, flathead sleeper, male (South Africa).

© P Loiselle



Butis koilomatodon, crested sleeper, 6 cm SL (S Mozambique).

PC Heemstra © NRF-SAIAB



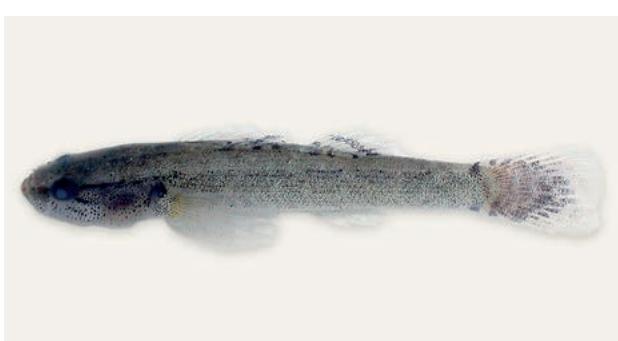
Butis koilomatodon, crested sleeper, 4 cm TL, juvenile (S Mozambique).

Source: SSI



Calumia godeffroyi, Godeffroy's calumia, 14 mm SL (Comoros).

© R Winterbottom, ROM



Eleotris fusca, dusky sleeper, ~3 cm SL (S Mozambique).

R Bills © NRF-SAIAB



Eleotris pellegrini, widehead sleeper, ~4 cm SL (Seychelles).

© JE Randall, Bishop Museum

Family ELEOTRIDAE, Sleepers, gudgeons

*Eleotris pellegrini*, widehead sleeper, male (South Africa).

© P. Loiselle

*Hypseleotris cyprinoides*, golden sleeper (South Africa).

Source: Skelton 1993

*Ophiocara porocephala*, spangled sleeper, 11 cm SL (Seychelles).

PC Heemstra © NRF-SAIAB

*Ratsirakia legendrei*, ratsirakia (E Madagascar).

R Bills © NRF-SAIAB

Family MICRODESMIDAE, Wormfishes, dartgobies

*Gunnellichthys curiosus*, streakfin wormfish (Philippines).

© GR Allen

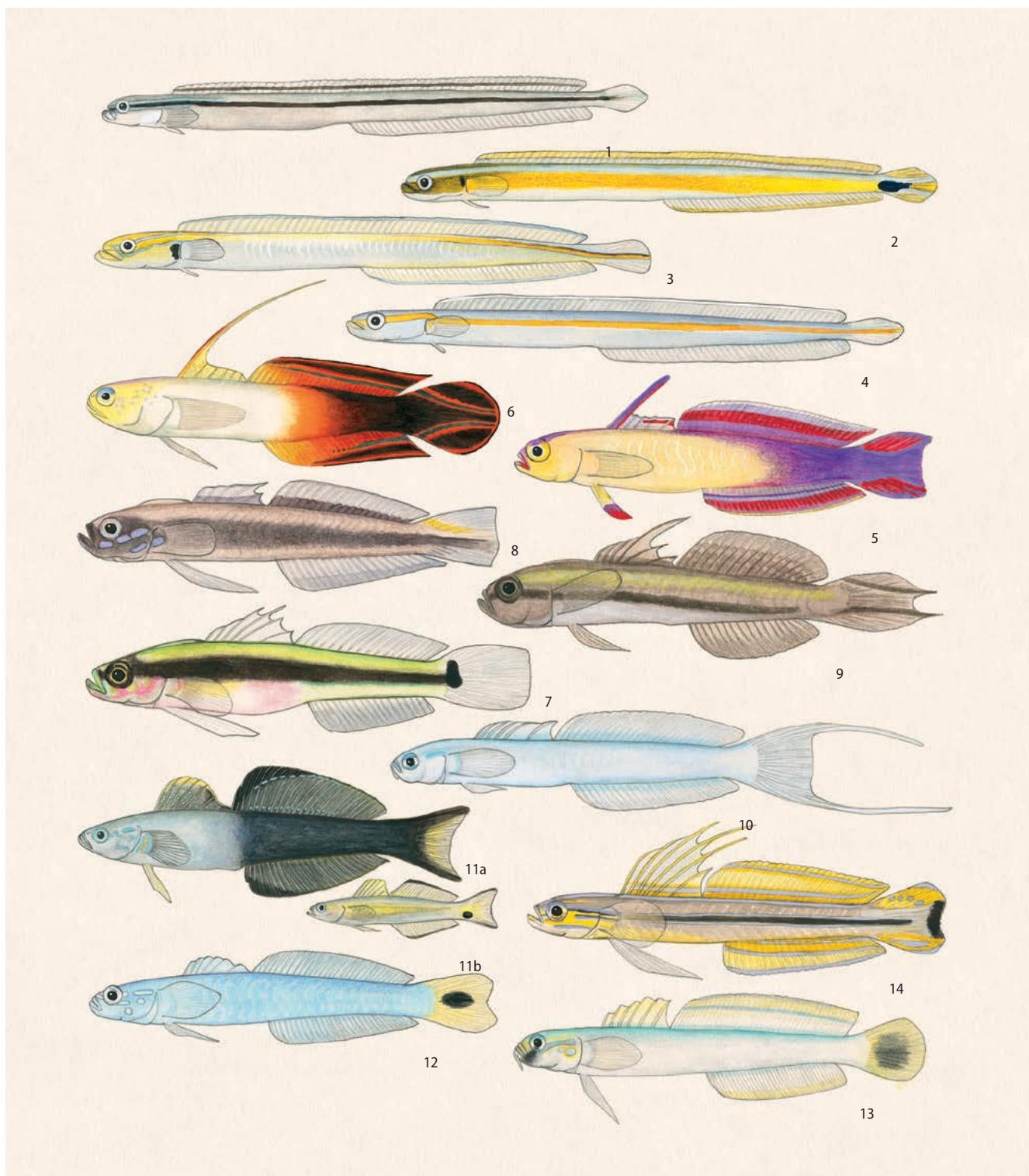
*Gunnellichthys monostigma*, blackspot wormfish (Red Sea).

© SV Bogorodsky

*Gunnellichthys viridescens*, yellowstripe wormfish, 36 mm SL (Red Sea).

© JE Randall, Bishop Museum

Family MICRODESMIDAE, Wormfishes, dartgobies



- 1** *Gunnellichthys ?copleyi*, Copley's wormfish, 90 mm SL (Rodrigues). **2** *Gunnellichthys curiosus*, streakfin wormfish, 57 mm SL (Comoros). **3** *Gunnellichthys monostigma*, blackspot wormfish, 95 mm SL (Red Sea). **4** *Gunnellichthys viridescens*, yellowstriped wormfish, 36 mm SL (Persian/Arabian Gulf). **5** *Nemateleotris decora*, elegant firegoby, 60 mm SL (Mauritius). **6** *Nemateleotris magnifica*, red firegoby, 41 mm SL (South Africa). **7** *Parioglossus multiradiatus*, Seychelles dartgoby, 25 mm SL (Seychelles; painted from Keith et al. 2004). **8** *Parioglossus philippinus*, Philippine dartgoby, ~32 mm TL (Japan). **9** *Parioglossus raoi*, Rao's dartgoby, 25 mm SL (Oman). **10** *Ptereleotris arabica*, lyre-tail dartgoby, 10 mm SL (Persian/Arabian Gulf). **11** *Ptereleotris evides*, arrow dartgoby, (a) 103 mm SL (Comoros), (b) 50 mm SL, juvenile (Kenya). **12** *Ptereleotris heteroptera*, blacktail dartgoby, 64 mm SL (Oman). **13** *Ptereleotris lineopinnis*, weeping dartgoby, 115 mm TL (Maldives). **14** *Ptereleotris melanota*, striped dartgoby, 64 mm SL (Mauritius).

Family MICRODESMIDAE, Wormfishes, dartgobies



Nemateleotris magnifica, red firegoby, ~50 mm TL (South Africa).

© DA Polack



Paragunnellichthys seychellensis, Seychelles wormfish, 39 mm SL (Palau).

© JT Williams, Smithsonian Institution



Parioglossus taeniatus, thread-fin dartgoby, 22 mm SL (Fiji).

© RWinterbottom, ROM



Parioglossus sp., 30 mm SL (South Africa). #

© DR King



Ptereleotris arabica, lyre-tail dartgoby (Gulf of Oman).

© R Field



Ptereleotris heteroptera, blacktail dartgoby (Red Sea).

© SV Bogorodsky



Ptereleotris evides, arrow dartgoby (Tanzania).

© A Sutton

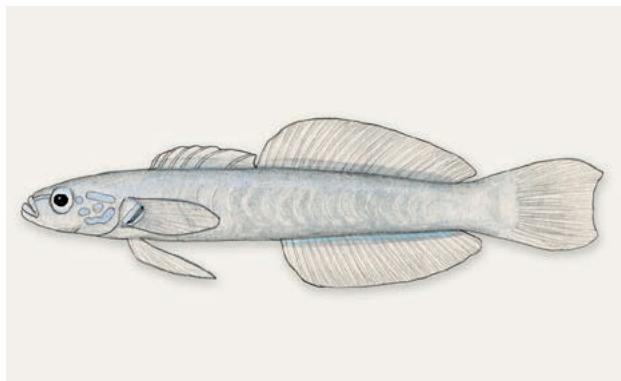
= no species account

Family MICRODESMIDAE, Wormfishes, dartgobies



Ptereleotris melanota, striped dartgoby (Réunion).

© A Dittinger



Ptereleotris micolepis, pale dartgoby, 73 mm SL (Red Sea).



Ptereleotris micolepis, pale dartgoby (both Indonesia).

© P Osborn



Ptereleotris monoptera, monofin dartgoby (South Africa).

© J Dench

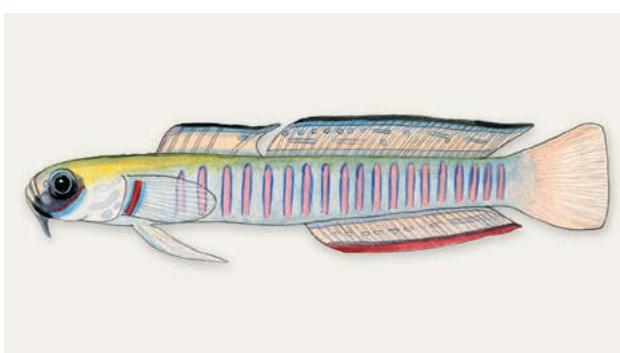


Ptereleotris monoptera, monofin dartgoby, 66 mm SL (South Africa).



Ptereleotris zebra, zebra dartgoby (South Africa).

© D Polack



Ptereleotris zebra, zebra dartgoby, 91 mm TL (South Africa).



Ptereleotris zebra, zebra dartgoby.

© B Gratzwiler CC BY 2.0

Family XENISTHMIDAE, Wrigglers



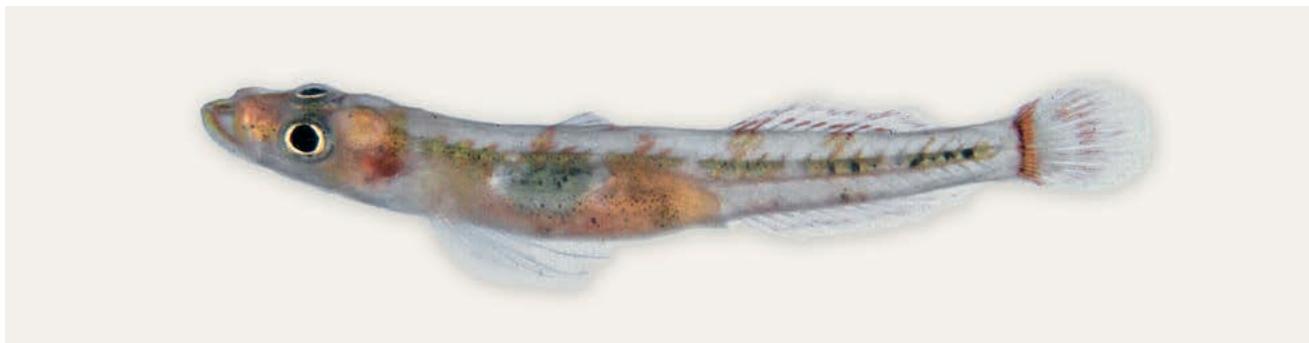
Gymnoxenisthmus flaviginctus, 22 mm SL (Red Sea). #

© SV Bogorodsky



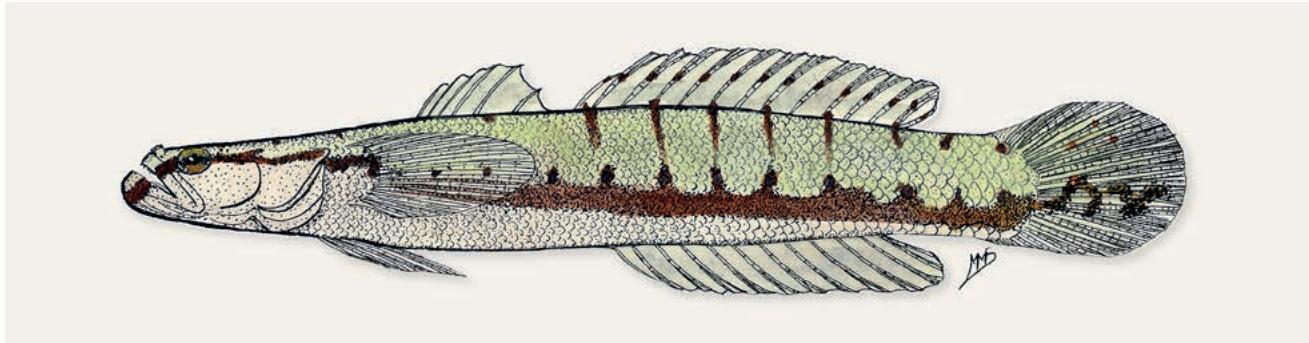
Gymnoxenisthmus tigrellus, tiger wriggler, 15 mm SL, female holotype (Red Sea).

© S Tränkner, SMF



Rotuma lewisi, Lewis's wriggler, 22 mm SL (Comoros).

© R Winterbottom, ROM



Xenisthmus africanus, flathead wriggler, ~40 mm TL, holotype (N Mozambique).

Source: SSF



Xenisthmus balius, dappled wriggler, juvenile (Red Sea).

© SV Bogorodsky

= no species account

Family XENISTHMIDAE, Wrigglers



Xenisthmus balius, dappled wriggler, ~30 mm SL (Persian/Arabian Gulf).

© JE Randall, Bishop Museum



Xenisthmus oligoporus, few-pored wriggler, 18 mm SL, male holotype (Red Sea). #

© SV Bogorodsky



Xenisthmus polyzonatus, bullseye wriggler, 15 mm SL, juvenile (Red Sea).

© SV Bogorodsky



Xenisthmus polyzonatus, bullseye wriggler, 21 mm SL (Rodrigues).

PC Heemstra © NFR-SAIAB



Xenisthmus polyzonatus, bullseye wriggler, 36 mm SL, adult (Red Sea).

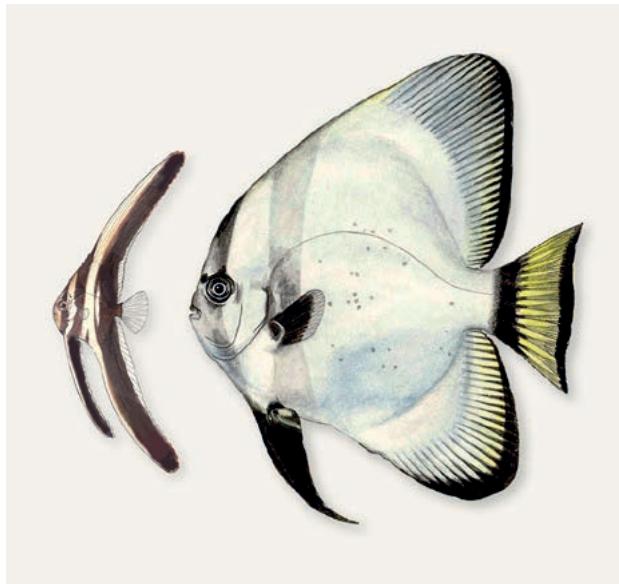
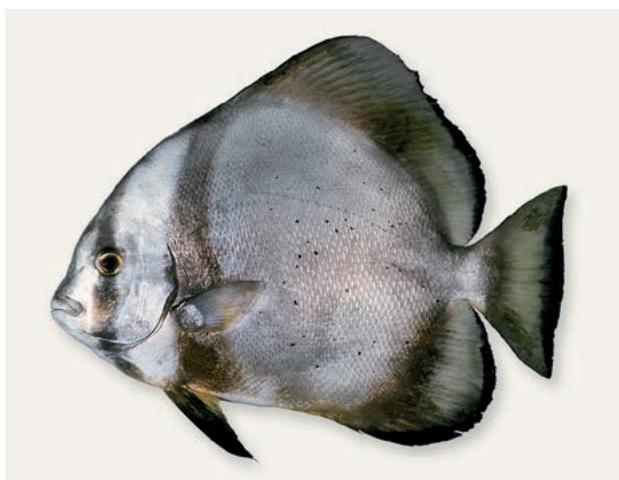
© SV Bogorodsky

= no species account

Family EPHIPPIDAE, Spadefishes, orbfishes, platax

*Ephippus orbis*, orbfish, 13 cm SL (Kuwait).

© J.E. Randall, Bishop Museum

*Platax boersii*, Boer's platax, 6 cm SL, juvenile; 22 cm SL, adult (Japan).

© G.R. Allen

Platax orbicularis, round platax, 32 cm SL (New Guinea).

© G.R. Allen

Platax orbicularis, round platax, juveniles (New Guinea).

© A. Lund

Platax orbicularis, round platax (front left); *Platax teira*, spotbelly platax (front right), both juveniles (S Mozambique).

© A. Sutton

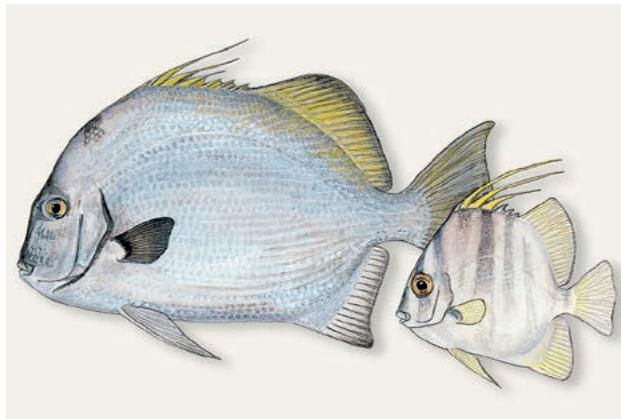
Platax teira, spotbelly platax (Tanzania).

Family EPHIPPIDAE, Spadefishes, orbfishes, platax



Platax teira, spotbelly platax, 42 cm TL, adult; 18 cm TL, juvenile (both South Africa).

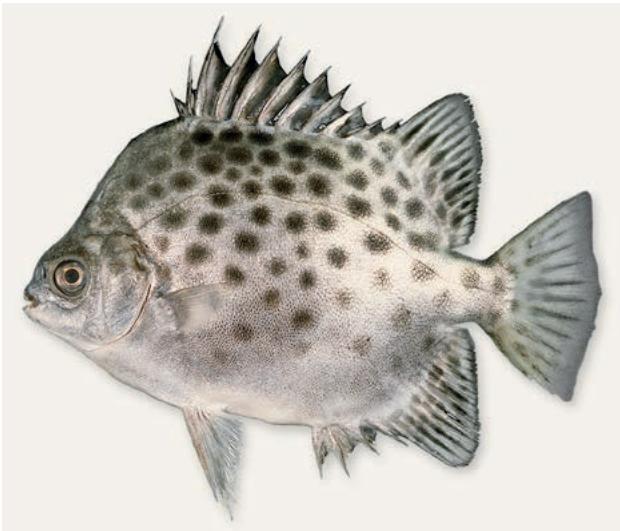
Source: CFSA.



Tripteronotus orbis, African spadefish, ~50 cm TL, adult; 12 cm TL, juvenile (both South Africa).

Source: CFSA.

Family SCATOPHAGIDAE, Scats



Scatophagus argus, spotted scat, 12 cm SL (SW India).

© JE Randall, Bishop Museum



Scatophagus tetracanthus, barred scat, 5 cm SL, juvenile (Madagascar).

© P Loiselle



Scatophagus tetracanthus, barred scat, 13 cm SL (Madagascar).

© P Loiselle

Family SIGANIDAE, Rabbitfishes



Siganus argenteus, streamlined rabbitfish, 4 cm SL, juvenile (Palau).

© R. Winterbottom, ROM



Siganus argenteus, streamlined rabbitfish (Red Sea).

© SV Begorodsky



Siganus canaliculatus, whitespotted rabbitfish, 12 cm SL (Bahrain).

© J.E. Randall, Bishop Museum



Siganus corallinus, spotted rabbitfish, 21 cm TL (Seychelles).

© J.E. Randall, Bishop Museum



Siganus insomnis, bronze-lined rabbitfish (Maldives).

© R.C. Anderson



Siganus javus, Java rabbitfish, 19 cm TL (Sri Lanka).

© J.E. Randall, Bishop Museum



Siganus laqueus, brown-spotted rabbitfish, 26 cm SL (Seychelles).

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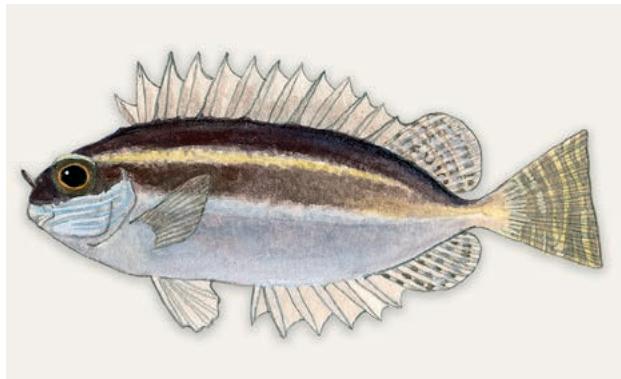
Siganus laqueus, brown-spotted rabbitfish, stress pattern (Seychelles).

© D.A. Polack

Family SIGANIDAE, Rabbitfishes



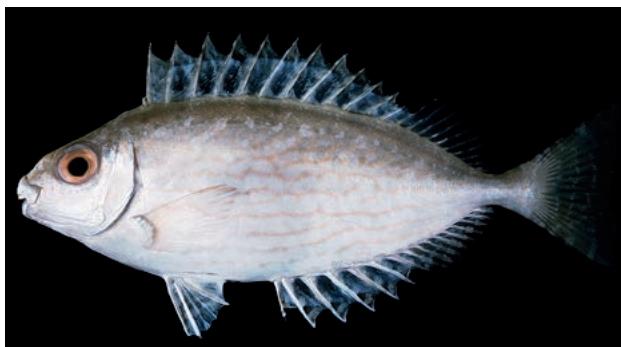
© DA Pollock

Siganus luridus, dusky rabbitfish, ~16 cm TL (S Mozambique).*Siganus luridus*, dusky rabbitfish, 10 cm SL, stress pattern (South Africa).

© JE Randall, Bishop Museum

Siganus puelloides, black-eyed rabbitfish (Maldives).

© SV Bogorodsky

Siganus rivulatus, marbled rabbitfish, stress pattern (Red Sea).

© JE Randall, Bishop Museum

Siganus rivulatus, marbled rabbitfish, 8 cm SL (Sudan).

© JE Randall, Bishop Museum

Siganus spinus, little rabbitfish, 11 cm SL (Philippines).

© R Field

Siganus stellatus, yellow-tailed spotted rabbitfish, night pattern (Red Sea).

© SV Bogorodsky

Siganus stellatus, yellow-tailed spotted rabbitfish (Red Sea).

Family SIGANIDAE, Rabbitfishes



Siganus stellatus, yellow-tailed spotted rabbitfish, night/stress pattern (Red Sea).

© R Field



Siganus sutor, shoemaker rabbitfish (S Oman).

© R Field



Siganus sutor, shoemaker rabbitfish, 12 cm TL, stress pattern (S Mozambique).

© A Lund



Siganus vermiculatus, vermiculated rabbitfish, 18 cm SL (Indonesia).

© J.E Randall, Bishop Museum



Siganus virgatus, double-barred rabbitfish, 15 cm SL (Sri Lanka).

© J.E Randall, Bishop Museum



Siganus virgatus, double-barred rabbitfish, 16 cm TL (Sri Lanka).

© J.E Randall, Bishop Museum

Family LUVARIDAE, Luvar

*Luvarus imperialis*, luvar, 26 cm TL, juvenile (Japan).

Source: SSI, reconstructed from Abe & Kobata 1974

Family ZANCLIDAE, Moorish idol

*Zanclus cornutus*, Moorish idol, 13 cm TL, adult; 6 cm TL, juvenile; 12 cm TL, adult night pattern (left to right) (all southern Africa).

Source: CFSA

Family ACANTHURIDAE, Surgeonfishes

*Acanthurus auranticavus*, violet-fin surgeonfish (Indonesia).

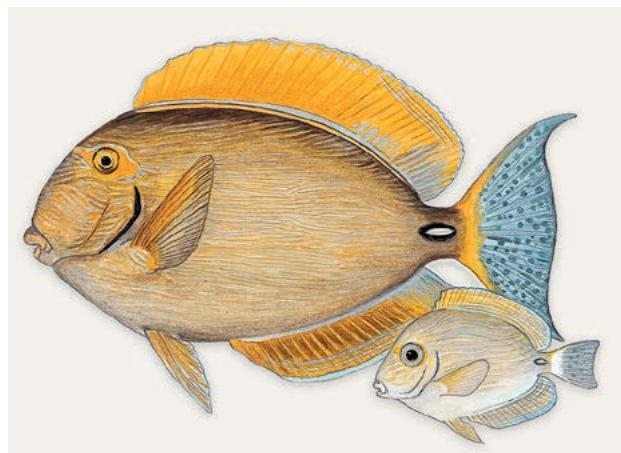
© J.F.Randall, Bishop Museum

*Acanthurus bariene*, white-lipped surgeonfish (Maldives).

© J.F.Randall, Bishop Museum

*Acanthurus blochii*, ringtail surgeonfish (Seychelles).

© J.F.Randall, Bishop Museum

*Acanthurus dussumieri*, pencilsided surgeonfish, 26 cm SL, adult; 3 cm SL, juvenile (both South Africa).

Source: CFSA

Family ACANTHURIDAE, Surgeonfishes



Acanthurus dussumieri, pencilled surgeonfish (Seychelles).

© J.E. Randall, Bishop Museum



Acanthurus gahhm, Red Sea surgeonfish (Red Sea).

© SV Bogorodsky



Acanthurus guttatus, white-spotted surgeonfish (Guam).

© J.E. Randall, Bishop Museum



Acanthurus leucocheilus, pale-lipped surgeonfish (Maldives).

© J.E. Randall, Bishop Museum



Acanthurus leucosternon, powder-blue surgeonfish (Seychelles).

© J.E. Randall, Bishop Museum



Acanthurus lineatus, lined surgeonfish (Maldives).

© J.E. Randall, Bishop Museum



Acanthurus maculiceps, spottyface surgeonfish (Solomon Is.).

© J.E. Randall, Bishop Museum



Acanthurus mata, elongate surgeonfish (Sri Lanka).

© J.E. Randall, Bishop Museum

Family ACANTHURIDAE, Surgeonfishes



Acanthurus nigricauda, epaulette surgeonfish (Tanzania).

© A. Sutton



Acanthurus nigrofucus, brown surgeonfish, 7 cm SL (Comoros).

Source: CFSA



Acanthurus nigrofucus, brown surgeonfish (Tanzania).

© A. Sutton



Acanthurus polyzona, barred surgeonfish, 11 cm TL (Mauritius).

© J.E Randall, Bishop Museum



Acanthurus sohal, Sohal surgeonfish (Red Sea).

© J.E. Randall, Bishop Museum



Acanthurus sohal, Sohal surgeonfish, juvenile (Red Sea).

© J.E. Randall, Bishop Museum



Acanthurus tennentii, double-band surgeonfish (Maldives).

© J.E. Randall, Bishop Museum



Acanthurus thompsoni, Thompson's surgeonfish (Maldives).

© J.E. Randall, Bishop Museum

Family ACANTHURIDAE, Surgeonfishes



© J.E. Randall, Bishop Museum

Acanthurus triostegus, convict surgeonfish (Kenya).

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Acanthurus tristis, mimic surgeonfish, ~10 cm TL, juvenile (Thailand).

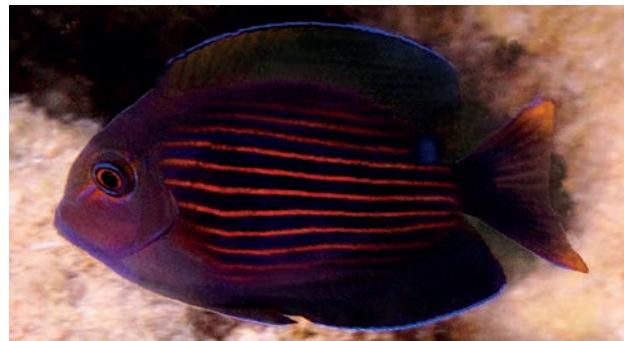
© J.E. Randall, Bishop Museum

Acanthurus tristis, mimic surgeonfish (Maldives).

© J.E. Randall, Bishop Museum

Acanthurus xanthopterus, giant surgeonfish (Maldives).

© J.E. Randall, Bishop Museum

Ctenochaetus binotatus, two-spot bristletooth (Maldives).

© A. Lund

Ctenochaetus striatus, striped bristletooth, juvenile (S Mozambique).

© J.E. Randall, Bishop Museum

Ctenochaetus striatus, striped bristletooth (South Africa).

© J.E. Randall, Bishop Museum

Ctenochaetus striatus, striped bristletooth, juvenile (Taiwan).

Family ACANTHURIDAE, Surgeonfishes



Ctenochaetus truncatus, yellow-ring bristletooth, juvenile (Maldives).



Ctenochaetus truncatus, yellow-ring bristletooth (Seychelles).



Naso annulatus, whitemargin unicornfish, juvenile (Kenya).



Naso annulatus, whitemargin unicornfish, subadults (Mozambique).



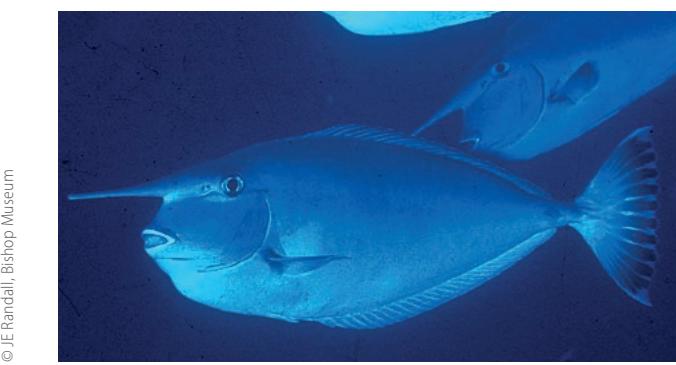
Naso annulatus, whitemargin unicornfish, stress/sleep pattern (Mozambique).



Naso annulatus, whitemargin unicornfish, subadult (Philippines).



Naso annulatus, whitemargin unicornfish, ~30 cm TL, subadult (Hawaii).



Naso annulatus, whitemargin unicornfish, male (Indonesia).

© J.F. Randall, Bishop Museum

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Family ACANTHURIDAE, Surgeonfishes



Naso brachycentron, humpback unicornfish, subadult (Maldives).

© JE Randall, Bishop Museum



Naso brachycentron, humpback unicornfish, ~60 cm TL (South Africa).

© DA Pollock



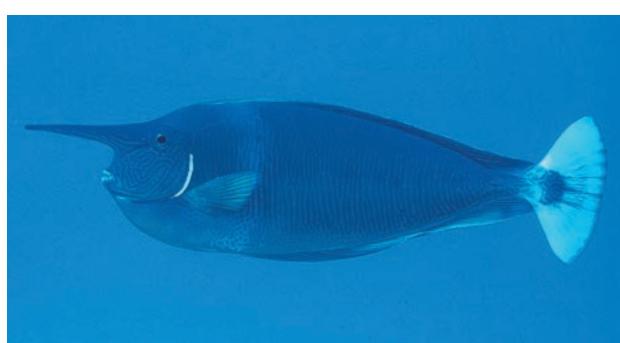
Naso brachycentron, humpback unicornfish (Indonesia).

© JE Randall, Bishop Museum



Naso brevirostris, spotted unicornfish, subadult (Maldives).

© JE Randall, Bishop Museum



Naso brevirostris, spotted unicornfish (Maldives).

© JE Randall, Bishop Museum



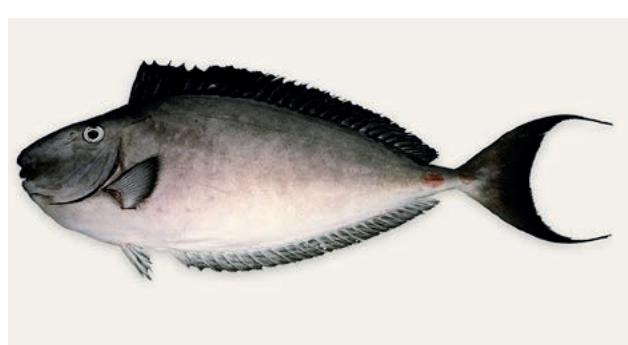
Naso elegans, elegant unicornfish, adult (Maldives).

© JE Randall, Bishop Museum



Naso elegans, elegant unicornfish, ~10 cm TL, juvenile (S Mozambique).

© DA Pollock



Naso fageni, horseface unicornfish, 47 cm SL (Philippines).

© JE Randall, Bishop Museum

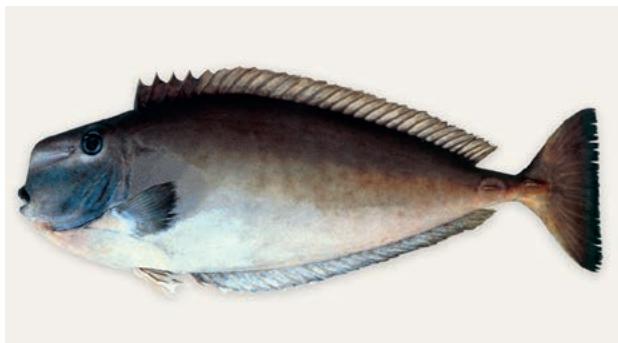
Family ACANTHURIDAE, Surgeonfishes



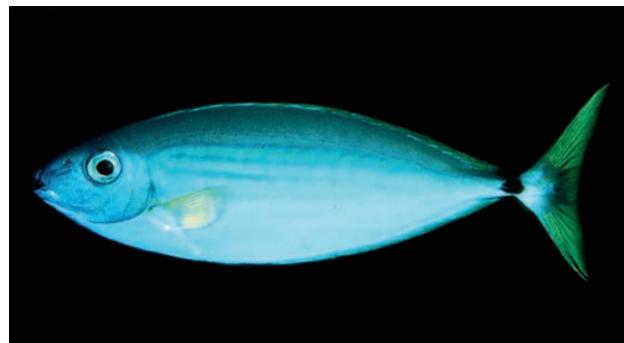
© R. Stuart-Smith/Reef Life Survey

Naso hexacanthus, sleek unicornfish (Maldives).

© J.E. Randall, Bishop Museum

Naso hexacanthus, sleek unicornfish, subadult, night pattern (Indonesia).

© T. Gleerfelt-Frap

Naso mcdadei, square-nose unicornfish, 46 cm TL (Indonesia).

© J.E. Randall, Bishop Museum

Naso minor, pony unicornfish (Philippines).

© J.E. Randall, Bishop Museum

Naso thynnoides, single-spine unicornfish (Maldives).

© J.E. Randall, Bishop Museum

Naso tonganus, bulbonose unicornfish (Australia).

© J.E. Randall, Bishop Museum

Naso tuberosus, humpnose unicornfish (Seychelles).

© J.E. Randall, Bishop Museum

Naso unicornis, blue-spine unicornfish (Red Sea).

Family ACANTHURIDAE, Surgeonfishes

*Naso unicornis*, blue-spine unicornfish, juvenile (Hawaiian Is.).

© J.F. Randall, Bishop Museum

*Naso vlamingii*, bignose unicornfish, juvenile (Indonesia).

© W. Osborn

*Naso vlamingii*, bignose unicornfish, female (Maldives).

© J.F. Randall, Bishop Museum

*Naso vlamingii*, bignose unicornfish, male (Maldives).

© J.F. Randall, Bishop Museum

*Paracanththus hepatus*, palette surgeonfish, 26 cm TL (top); 5 cm TL, juvenile (bottom) (both South Africa); male in breeding colours (middle).

Source: CSA

*Paracanththus hepatus*, palette surgeonfish (Mauritius).

© J.F. Randall, Bishop Museum

*Zebrasoma desjardinii*, Indian sailfin tang, juvenile (Gulf of Aqaba).

© J.F. Randall, Bishop Museum

Family ACANTHURIDAE, Surgeonfishes



Zebrasoma desjardinii, Indian sailfin tang (Red Sea).



Zebrasoma gemmatum, spotted tang (Mauritius).



Zebrasoma scopas, two-tone tang (Mauritius).



Zebrasoma scopas, two-tone tang, juvenile (Marshall Is.).



Zebrasoma xanthurum, yellowtail tang, subadult (Persian/Arabian Gulf).



Zebrasoma xanthurum, yellowtail tang, juvenile (Red Sea).

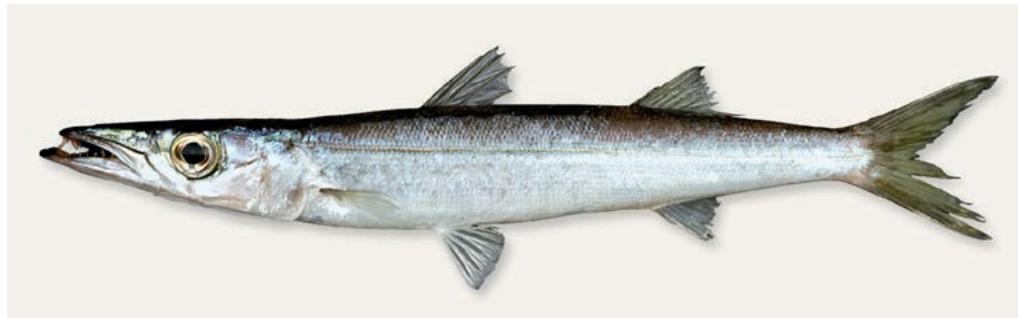
Family ACANTHURIDAE, Surgeonfishes



© JE Randall, Bishop Museum

Zebrasoma xanthurum, yellowtail tang, adult (Red Sea).

Family SPHYRAENIDAE, Barracudas



© S Chater, ORI/SAAMBR

Sphyraena acutipinnis, sharpfin barracuda, 20 cm SL (South Africa).

© R Doucet

Sphyraena africana, African barracuda, 30 cm SL (Japan).

EM Abdussamad © CMFR

Sphyraena arabianus, Arabian barracuda, 85 cm SL (Lakshadweep Is.). #

= no species account

Family **SPHYRAENIDAE**, Barracudas

Sphyraena barracuda, great barracuda (Red Sea).

© SV Bogorodsky



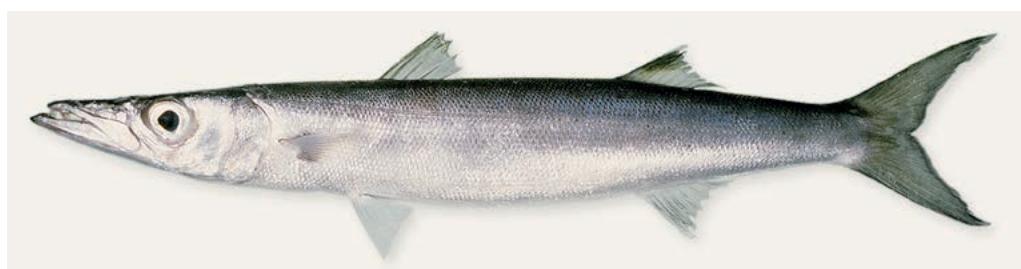
Sphyraena barracuda, great barracuda, 41 cm SL (Mauritius).

© JE Randall, Bishop Museum



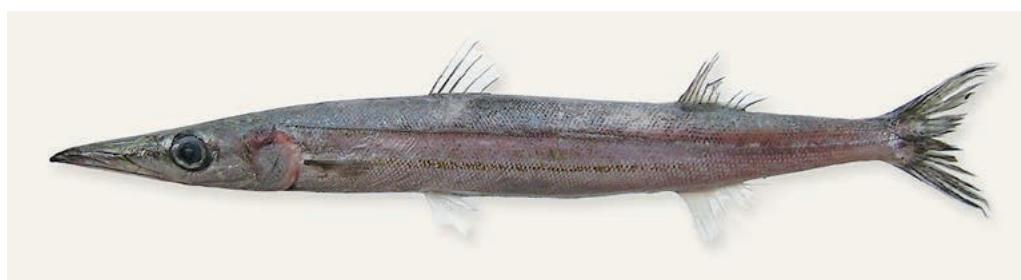
Sphyraena barracuda, great barracuda, 6 cm SL, juvenile (South Africa).

© RU-DIFS



Sphyraena forsteri, bigeye barracuda, 30 cm SL (India).

© JE Randall, Bishop Museum



Sphyraena helleri, Heller's barracuda, 25 cm SL (Japan).

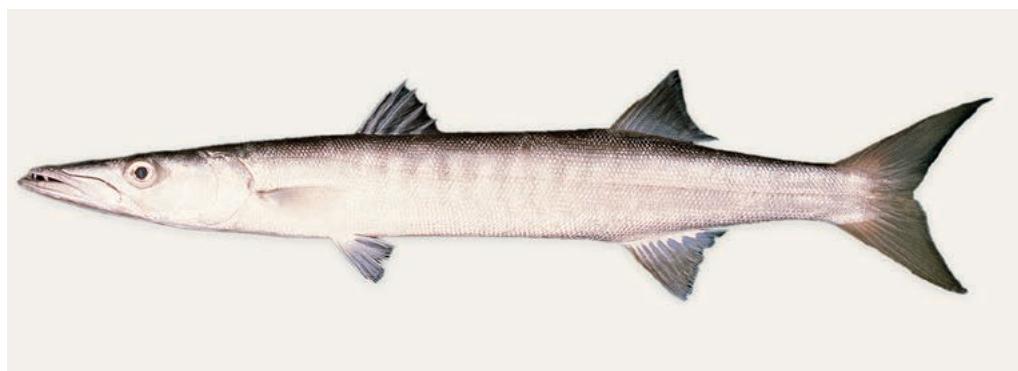
© R Douuchi

Family **SPHYRAENIDAE**, Barracudas

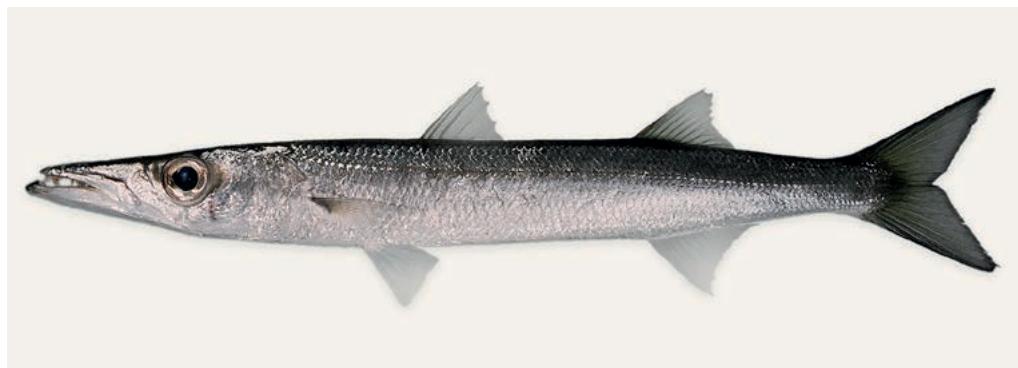
© F Uiblein, IMR

Sphyraena helleri, Heller's barracuda, 41 cm SL (N Mozambique).

© SV Bogorodsky

Sphyraena iburiensis, Iburi barracuda (Red Sea).

© JE Randall, Bishop Museum

Sphyraena jello, pickhandle barracuda, 63 cm SL (Red Sea).

© JE Randall, Bishop Museum

Sphyraena obtusata, yellowtail barracuda, 30 cm SL (Bahrain).

Family **SPHYRAENIDAE**, Barracudas

© JE Randall, Bishop Museum

Sphyraena pinguis, yellowstripe barracuda, 14 cm SL (Persian/Arabian Gulf).

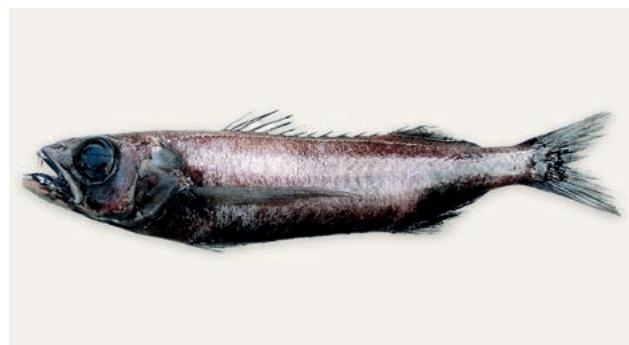
PC Heemstra © NRF-SAIAB

Sphyraena putnami, sawtooth barracuda, 50 cm SL (Seychelles).

© M Rosenstein

Sphyraena qenie, blackfin barracuda, adults (Fiji).Family **SCOMBROLABRACIDAE**, Black mackerel

© KK Bineesh, ZSI

Scombrolabrax heterolepis, black mackerel, 19 cm SL (India).

O Alvheim © IMR

Scombrolabrax heterolepis, black mackerel, 27 cm TL (Mozambique).

Family GEMPYLIDAE, Snake mackerels



© RF Myers

Gempylus serpens, snake mackerel, 79 cm FL (Guam).*Lepidocybium flavobrunneum*, escolar, ~1 m TL (Namibia).

© Alvheim © IMR/ASCLME

Nealotus triples, black snake mackerel, 17 cm SL (Seychelles).

PC Heemstra © NRF-SAIAB

Neoepinnula orientalis, sackfish, 21 cm SL (S Mozambique).

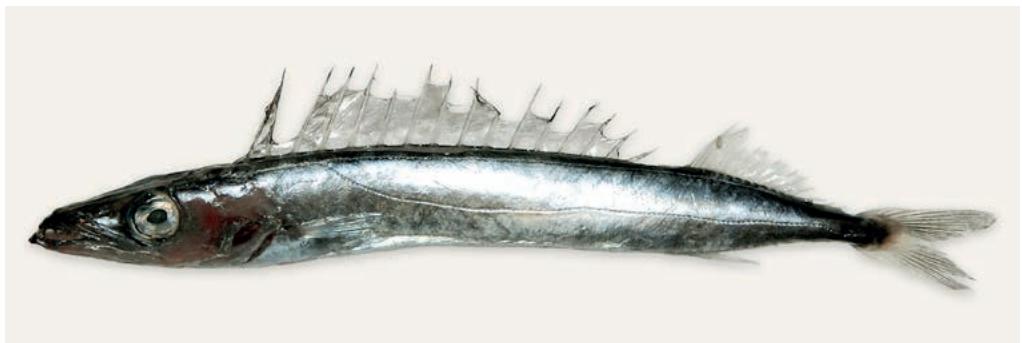
© P Wirtz

Nesarchius nasutus, black gemfish, ~1 m TL (Madeira).

PC Heemstra © NRF-SAIAB

Promethichthys prometheus, roudi, ~22 cm SL (Mozambique).

Family GEMPYLIDAE, Snake mackerels



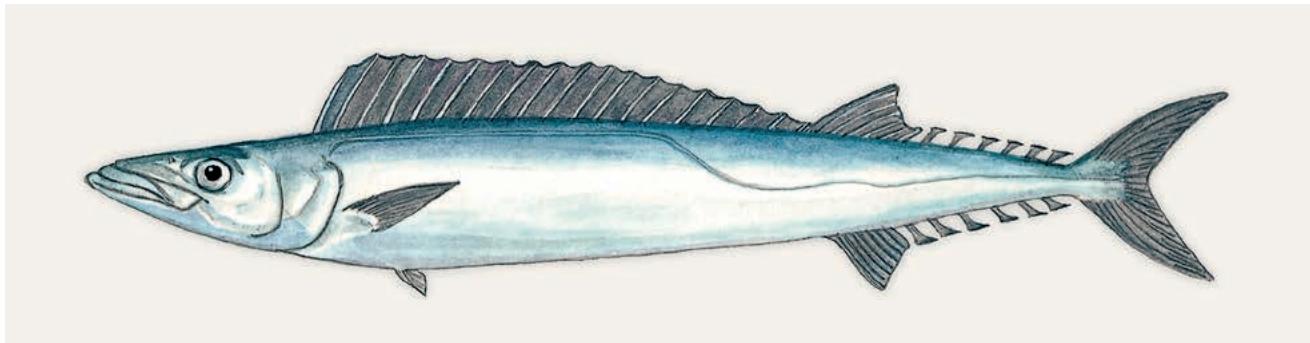
© F. Uiblein, IMR

Rexea bengalensis, Bengal escolar, 12 cm SL (N Mozambique).

PC Heemstra © NRF-SAIAB

Rexea prometheoides, royal escolar, 23 cm TL (Mozambique).

PC Heemstra © NRF-SAIAB

Ruvettus pretiosus, oilfish, 27 cm SL (Mozambique).

Source: CSA

Thyrsites atun, snoek, 18 cm FL (South Africa).

© RW Leslie

Thyrsites atun, snoek, 61 cm SL (South Africa).

O Alvheim © IMR/ASCLME

Thyrhitooides marleyi, black snoek, 180 cm TL (St Brandon Shoals).

Family TRICHIURIDAE, Cutlassfishes, scabbardfishes, hairtails, frostfishes



Benthodesmus elongatus, elongate frostfish, 66 cm SL (Mozambique).

© P. Heemstra © NRI-SAIAB



Benthodesmus tenuis, slender frostfish (Japan).

© Tokushima Prefecture



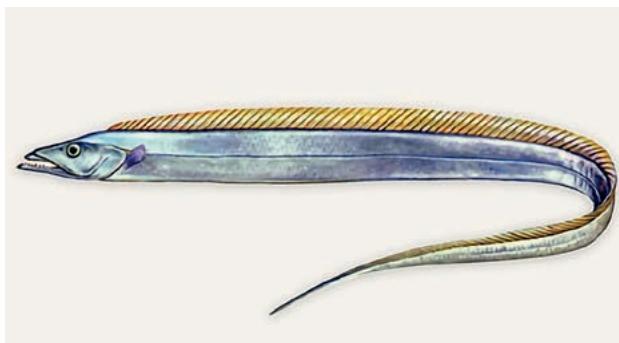
Benthodesmus vityazi, Vityaz frostfish (NW Australia).

© T. Glaerfelt-Tarp



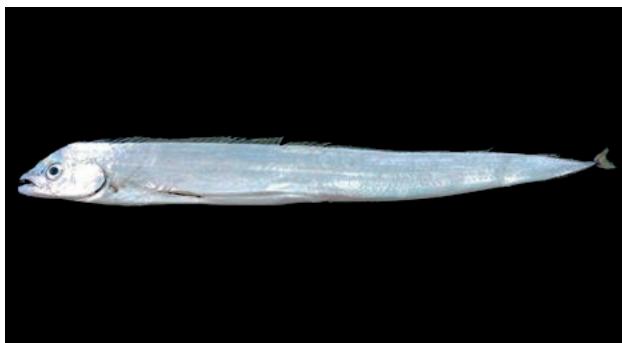
Eupleurogrammus muticus, smallhead hairtail (India).

© A.P. Azeez



Eupleurogrammus muticus, smallhead hairtail (China).

© Chinese Academy of Fishery Sciences



Evoxymetopon moricheni (Red Sea).

© D. Golani, HUJI



Evoxymetopon moricheni (Red Sea).

© D. Golani, HUJI



Lepidopus caudatus, silver scabbardfish, 93 cm FL (South Africa).

ME Anderson © NRI-SAIAB

Family TRICHIURIDAE, Cutlassfishes, scabbardfishes, hairtails, frostfishes



Lepturacanthus savala, Savalani hairtail, 67 cm TL (Myanmar).

© Alvheim © IMR



Lepturacanthus savala, Savalani hairtail (India).

© AP Azeemz



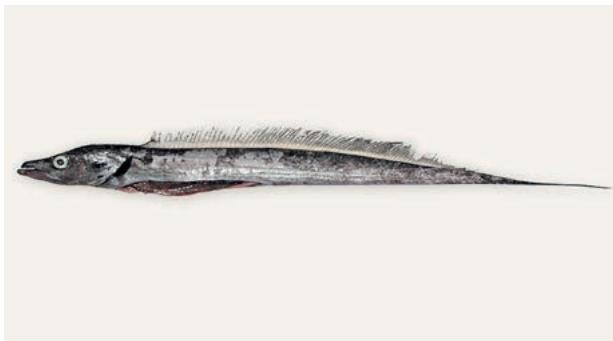
Tentoriceps cristatus, crested hairtail, 22 cm TL (Red Sea).

© SV Bogorodsky



Tentoriceps cristatus, crested hairtail, 53 cm TL (Myanmar).

© Alvheim © IMR



Trichiurus auriga, pearly hairtail, ~46 cm TL (India)

© PT Jinesh



Trichiurus lepturus, largehead hairtail, 51 cm TL (South Africa).

Source: CSFA



Trichiurus lepturus, largehead hairtail, 31 cm TL (Mozambique).

© Alvheim © IMR



Trichiurus sp. 2, 70 cm TL (S Mozambique). #

PC Heemstra © NRF-SAIAB

= no species account

Family SCOMBRIDAE, Mackerels, Spanish mackerels, bonitos, tunas



Acanthocybium solandri, wahoo, 60 cm FL, juvenile (South Africa).

Source: CFSA



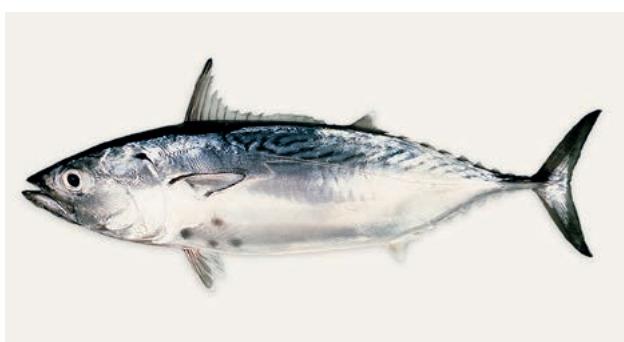
Auxis rochei rochei, bullet tuna, 26 cm FL (India).

© KV Arkhilev © CMFRI



Auxis thazard thazard, frigate tuna, 31 cm FL (Maldives).

© JE Randall, Bishop Museum



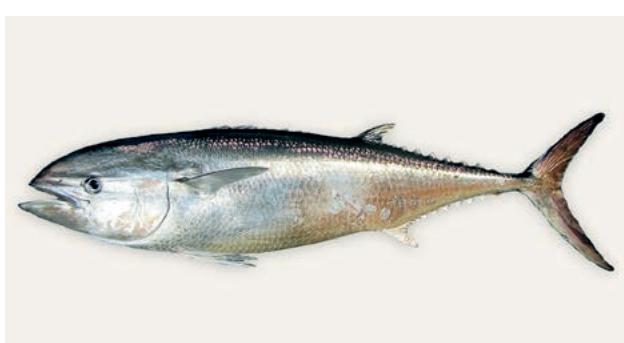
Euthynnus affinis, kawakawa, 26 cm FL (Maldives).

© JE Randall, Bishop Museum



Euthynnus affinis, kawakawa (Red Sea).

© R Field



Gasterochisma melampus, butterfly kingfish, 110 cm FL (South Africa).

© G. Jordan, ORV SAAMBR



Grammatotrygon bilineatus, double-lined mackerel, 42 cm FL (Red Sea).

© SV Bogorodsky

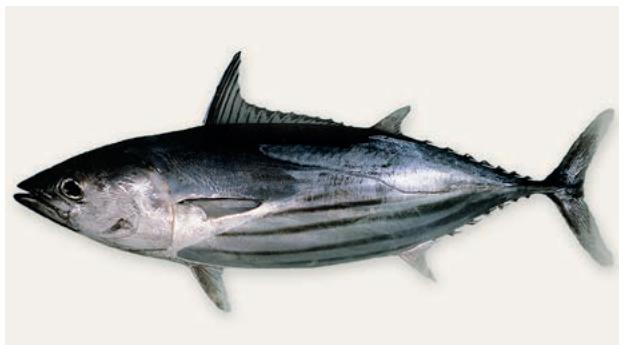
Family SCOMBRIDAE, Mackerels, Spanish mackerels, bonitos, tunas

*Grammatotrygon bilineatus*, double-lined mackerel (Red Sea).

© R Field

*Gymnosarda unicolor*, dogtooth tuna (Seychelles).

© DA Polack

*Katsuwonus pelamis*, skipjack tuna, 49 cm FL (Easter I.).

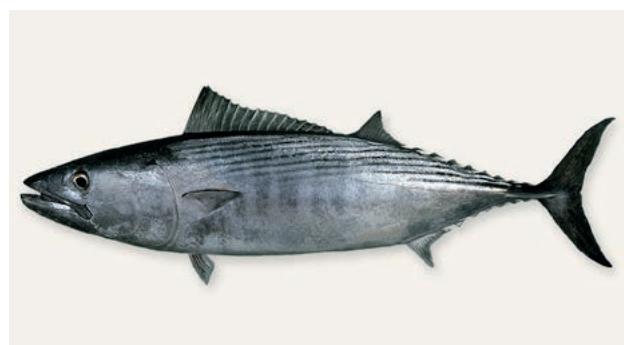
© JE Randall, Bishop Museum

*Rastrelliger kanagurta*, Indian mackerel, 27 cm FL (Seychelles).

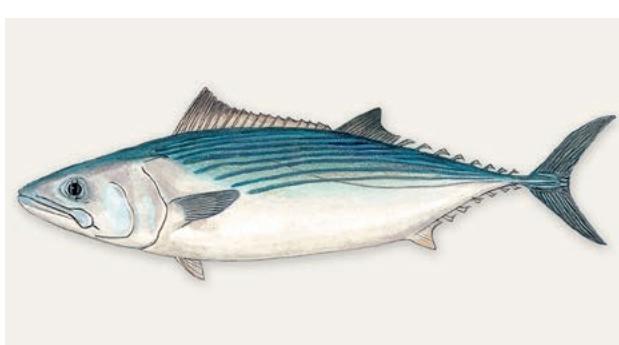
PC Heemstra © NRF-SAIAB

*Rastrelliger kanagurta*, Indian mackerel (Red Sea).

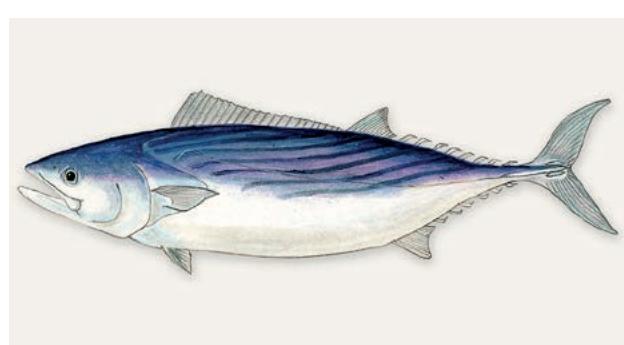
© SV Bogodolsky

*Sarda orientalis*, striped bonito, 39 cm FL (Oman).

© JE Randall, Bishop Museum

*Sarda orientalis*, striped bonito, 45 cm FL, adult (South Africa).

Source: CFSA

*Sarda sarda*, Atlantic bonito, ~40 cm FL (South Africa).

Source: CFSA

Family SCOMBRIDAE, Mackerels, Spanish mackerels, bonitos, tunas



© SV Bogorodsky

Scomber australasicus, blue chub mackerel, 25 cm FL (Red Sea).

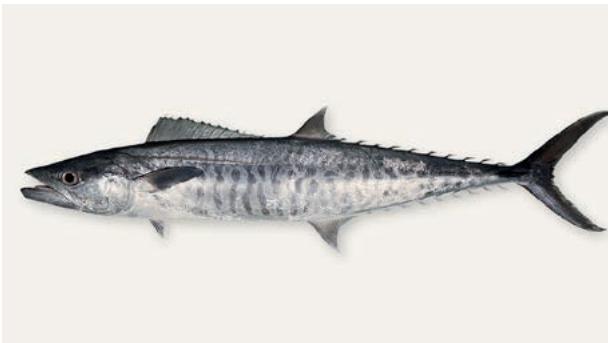
AD Connell © NRF-SA/JAB

Scomber colias, Atlantic chub mackerel, 27 cm FL (South Africa).

PC Heemstra © NRF-SA/JAB

Scomber japonicus, Pacific chub mackerel, 17 cm FL (Mozambique).

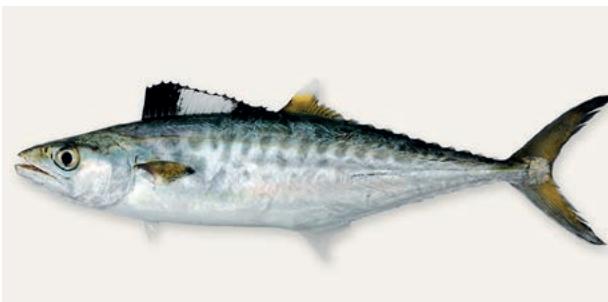
PC Heemstra © NRF-SA/JAB

Scomberomorus commerson, narrow-barred Spanish mackerel, 21 cm FL (South Africa).

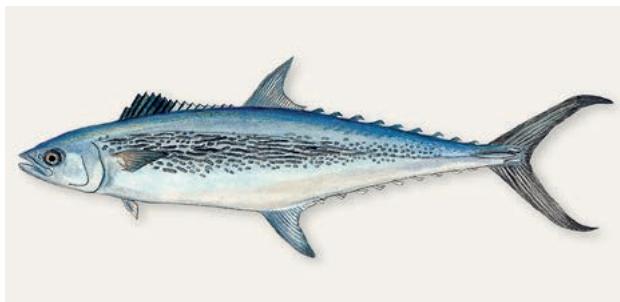
© JE Randall, Bishop Museum

Scomberomorus commerson, narrow-barred Spanish mackerel, 79 cm FL (Bahrain).

© JE Randall, Bishop Museum

Scomberomorus guttatus, Indo-Pacific king mackerel, 43 cm FL (Indonesia).

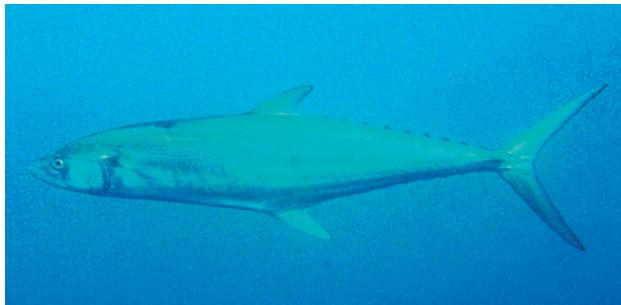
O Alkheim © IMR

Scomberomorus plurilineatus, queen mackerel, 11 cm FL, juvenile (Mozambique).

Source: CSA

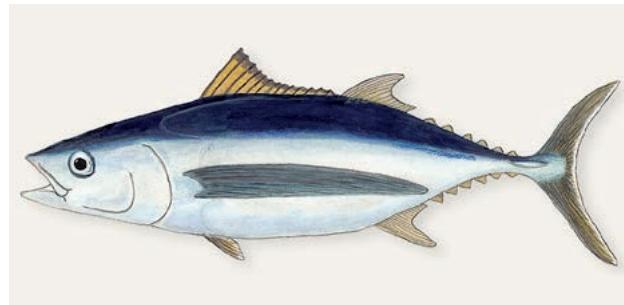
Scomberomorus plurilineatus, queen mackerel, 74 cm FL, adult male (South Africa).

Family SCOMBRIDAE, Mackerels, Spanish mackerels, bonitos, tunas



Scomberomorus plurilineatus, queen mackerel, ~70 cm TL
(S Mozambique).

© DA Peacock



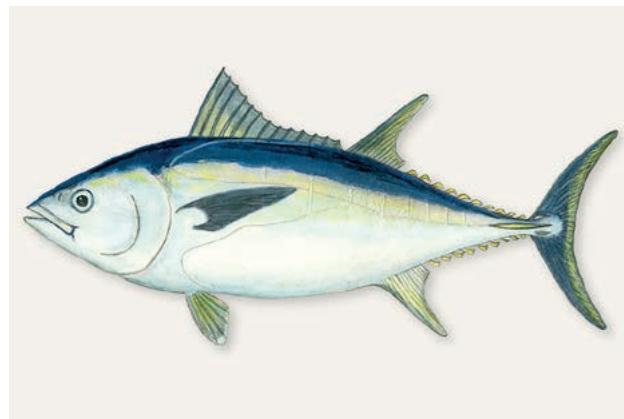
Thunnus alalunga, albacore tuna, ~90 cm FL, adult (South Africa).

Source: CFSA



Thunnus albacares, yellowfin tuna, 1+ m FL, adult (Seychelles).

© R Day

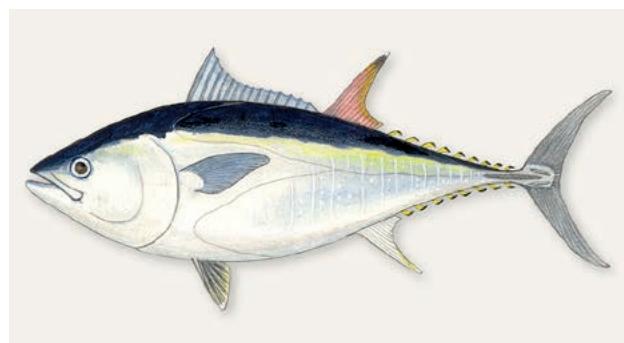


Thunnus maccoyii, southern bluefin tuna, ~1 m TL (Australia).



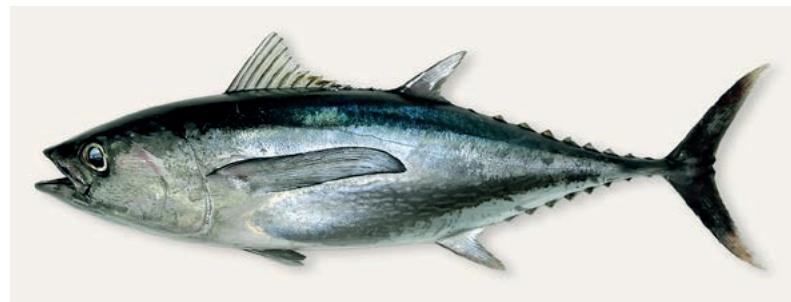
Thunnus obesus, bigeye tuna, ~75 cm FL.

Composite



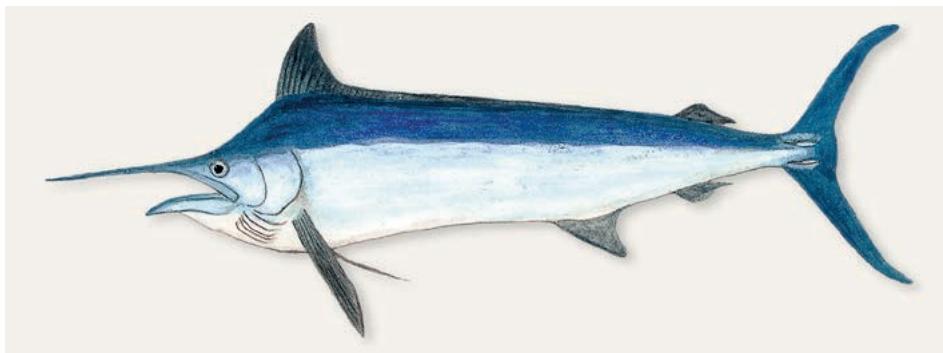
Thunnus thynnus, Atlantic bluefin tuna.

Composite



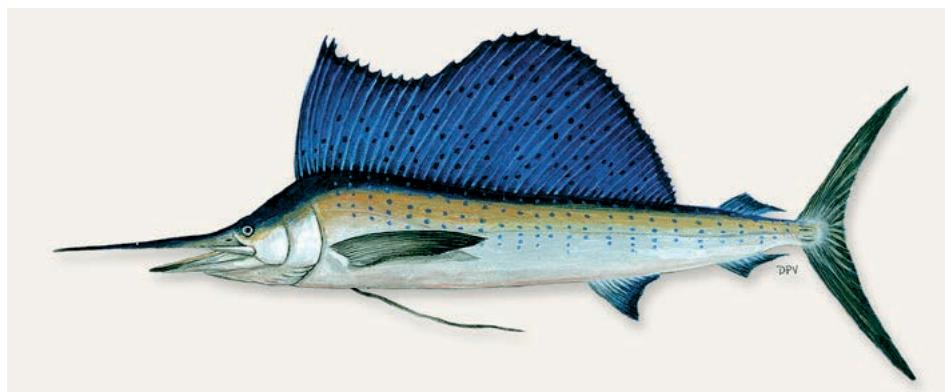
Thunnus tonggol, longtail tuna, 50 cm FL (SW India).

KV Akhilesh © CMFRI

Family **ISTIOPHORIDAE**, Billfishes (sailfish, marlins, spearfishes)

Source: CFS

Istiompax indica, black marlin, 3 m TL, adult (South Africa).



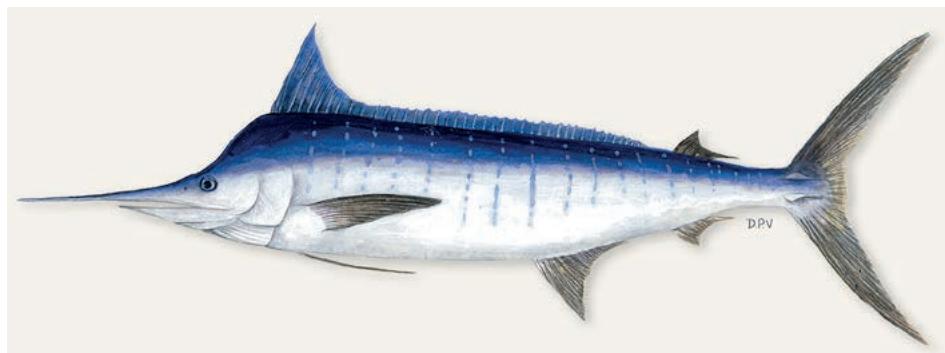
Source: SSF

Istiophorus platypterus, sailfish, 2.6 m TL, adult (South Africa).



Source: SSF

Kajikia audax, striped marlin, 2.7 m TL (South Africa).



Source: SSF

Makaira nigricans, blue marlin, 3.6 m TL (South Africa).

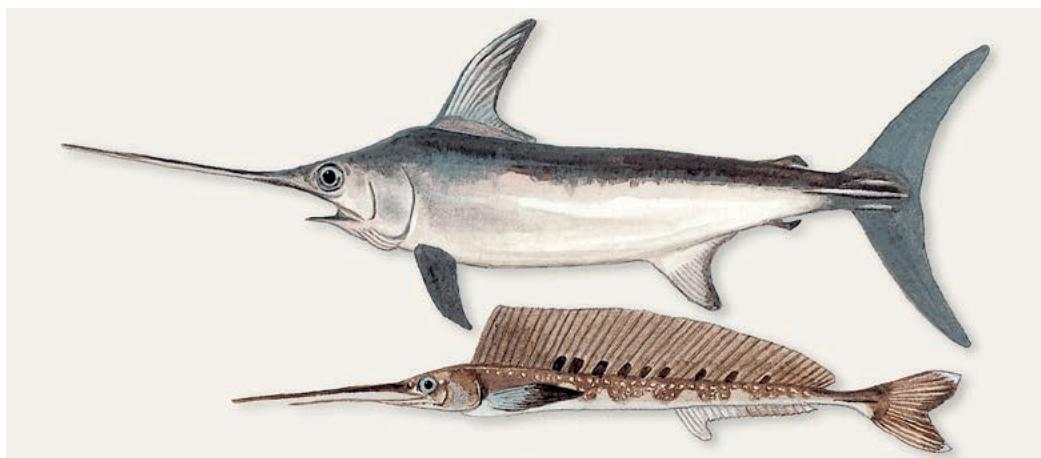
Family **ISTIOPHORIDAE**, Billfishes (sailfish, marlins, spearfishes)



Source: SSF

Tetrapturus angustirostris, shortbill spearfish, 1.9 m TL (South Africa).

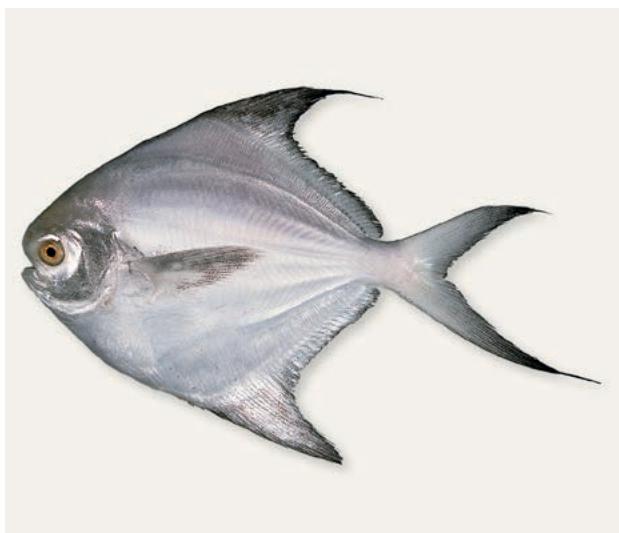
Family **XIPHIIDAE**, Swordfish



Source: CSA

Xiphias gladius, swordfish, 2.5 m TL, adult; 35 cm TL, juvenile (both South Africa).

Family **STROMATEIDAE**, Pomfrets, butterfishes



© JE Randall, Bishop Museum

Pampus argenteus, silver pomfret, 10 cm SL (Kuwait).



© S Kimura, FRLM

Pampus chinensis, Chinese pomfret, 19 cm SL (Thailand).

Family STROMATEIDAE, Pomfrets, butterfishes

*Stromateus fiatola*, blue butterfish, 10 cm TL, juvenile (South Africa).

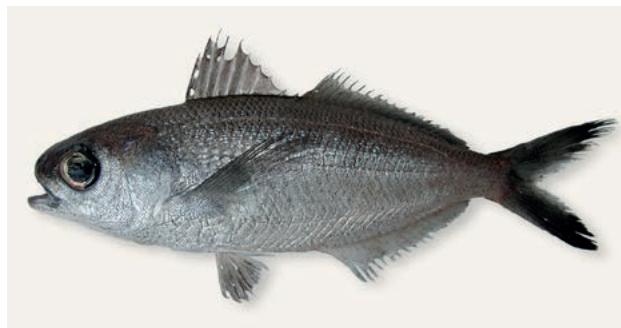
© Alvhheim © IMR

*Stromateus fiatola*, blue butterfish, 19 cm TL (South Africa).

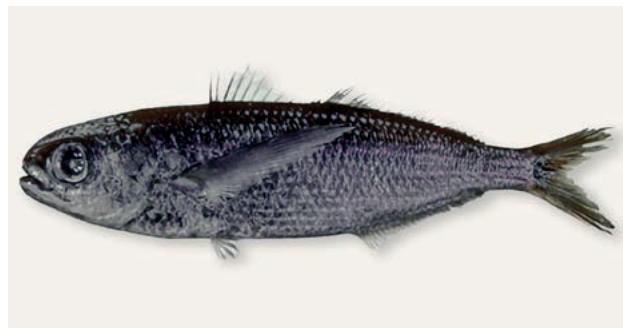
© RW Leslie

*Stromateus fiatola*, blue butterfish, 31 cm TL (South Africa).

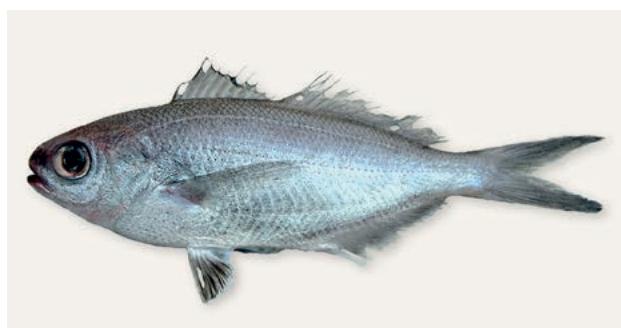
© Alvhheim © IMR

*Cubiceps baxteri*, black cigarfish (South Africa).

© RW Leslie

*Cubiceps caeruleus*, blue cigarfish, ~25 cm SL (Australia).

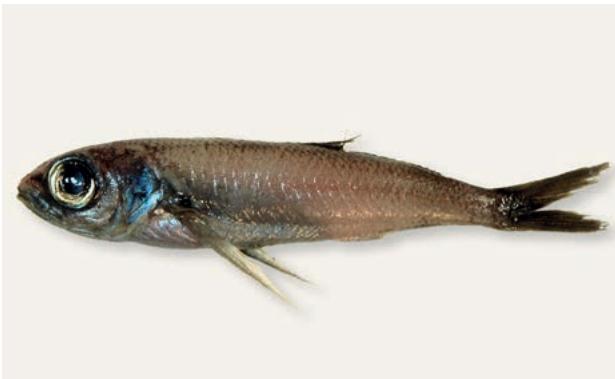
© CSIRO Australian National Fish Collection

*Cubiceps capensis*, Cape cigarfish, ~15 cm TL (South Africa).

© Alvhheim © IMR

*Cubiceps pauciradiatus*, bigeye cigarfish, 11 cm TL (Mozambique).

© Alvhheim © IMR

Family **NOMEIDAE**, Cigarfishes, driftfishes

Cubiceps pauciradiatus, bigeye cigarfish 11 cm SL (Indonesia).

© S. Kishinouye, FRUM



Cubiceps whiteleggi, shadow cigarfish, 18 cm SL (Mozambique).

© P.C. Heemstra © NRF-SAAJAB



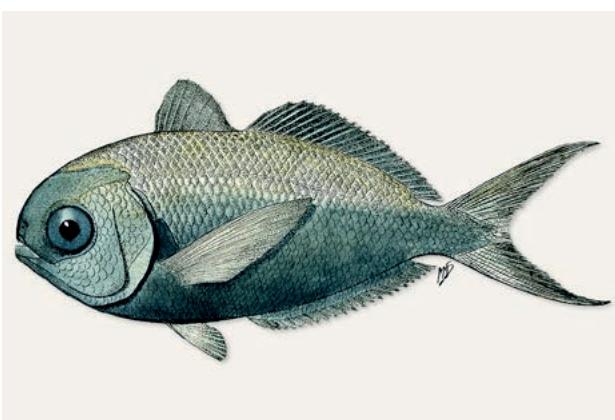
Nomeus gronovii, bluebottlefish, 5 cm TL, juvenile (South Africa); ~41 cm TL, adult (Gulf of Guinea).

Source: CSIRO



Psenes cyanophrys, freckled driftfish, 7 cm TL (South Africa).

© RW Leslie



Psenes cyanophrys, freckled driftfish, 23 cm TL, holotype of *P. rotundus* (South Africa).

Source: SCSA



Psenes cyanophrys, freckled driftfish, juvenile (Indonesia).

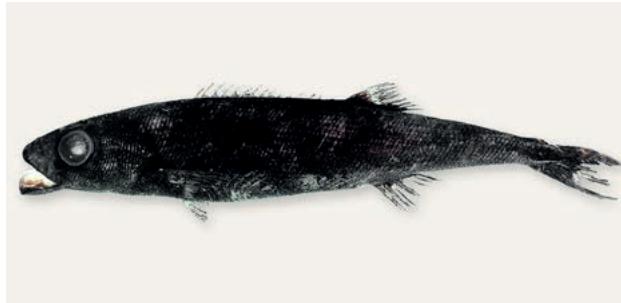
© GR Allen

Family TETRAGONURIDAE, Squaretails



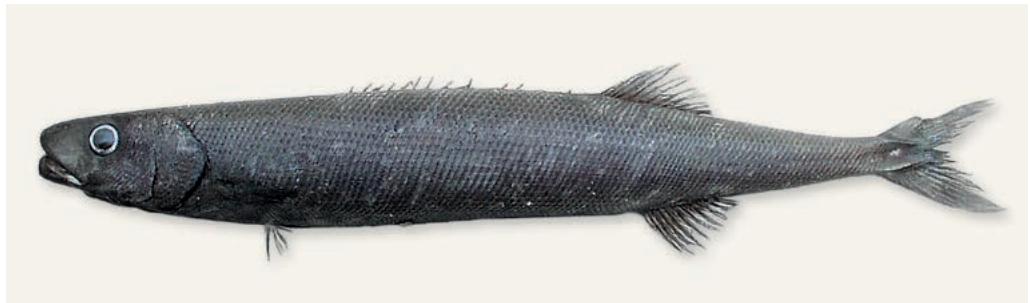
O Alvheim © IMR/ASCLME

Tetragonurus atlanticus, bigeye squaretail, 6 cm TL, juvenile (Walters Shoals).



PC Heemstra © NRI-SAAB

Tetragonurus atlanticus, bigeye squaretail, 26 cm TL (South Africa).



O Alvheim © IMR

Tetragonurus cuvieri, smalleye squaretail, 38 cm TL (Namibia).



© K Koeda

Tetragonurus pacificus, Pacific squaretail, ~10 cm SL (Taiwan).

Family ARIOMMATIDAE, Ariommas



© SVBegorodsky

Ariomma brevimanum, short-fin ariomma, 47 cm SL (Red Sea).



© JE Randall, Bishop Museum

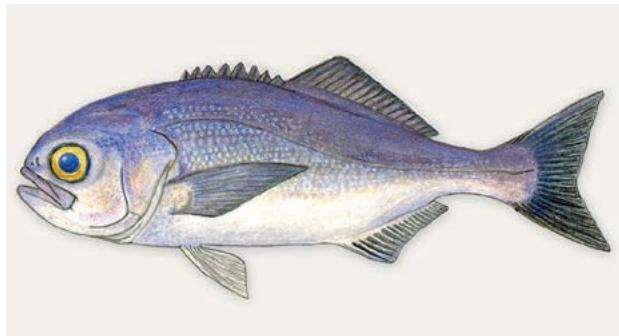
Ariomma indicum, Indian ariomma, 13 cm SL (Persian/Arabian Gulf).

Family CENTROLOPHIDAE, Ruffs, butterfishes, driftfishes



Centrolophus niger, black ruff, 36 cm SL (South Africa).

M.E. Anderson © NFR-SAIAB

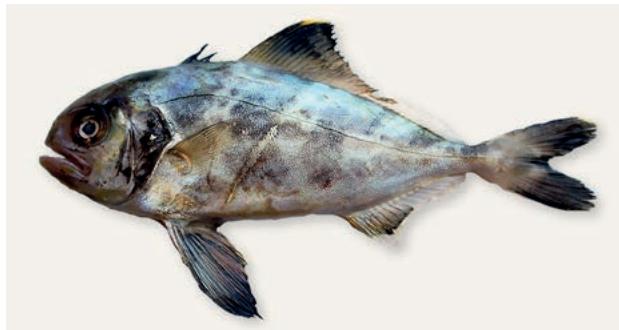


Hyperoglyphe antarctica, Antarctic butterfish, 50 cm TL (Tristan da Cunha).



Hyperoglyphe antarctica, Antarctic butterfish, 98 cm TL (South Africa).

O. Alheim © IMR



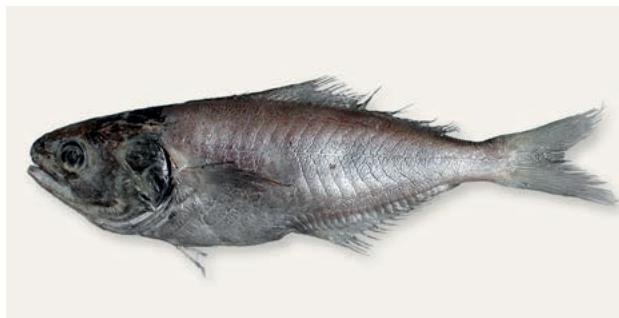
Hyperoglyphe pringlei, black butterfish, 12 cm SL, juvenile (Madagascar).

E. Heemstra © NFR-SAIAB



Psenopsis cyanea, blue driftfish, 18 cm SL (SW India).

S. Thomas © CMFRI



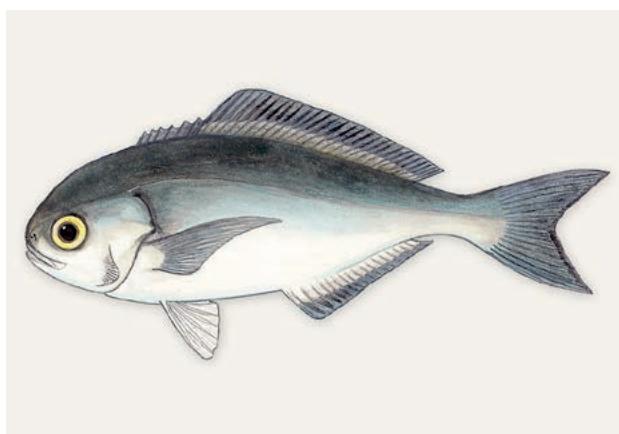
Psenopsis intermedia, deep-bodied driftfish, 15 cm SL (SW India).

S. Thomas © CMFRI



Schedophilus maculatus, spotted driftfish, 4 cm TL (top); 7 cm TL (bottom) (both Walters Shoals).

O. Alheim © IMR/ASCLME

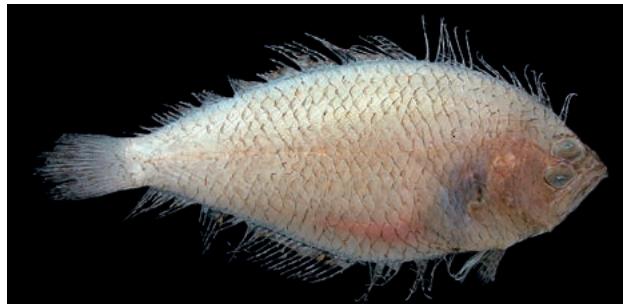


Schedophilus velaini, oval driftfish, 56 cm TL (Tristan da Cunha).

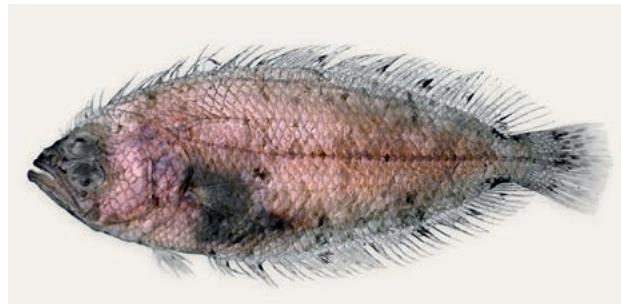
Source: CSIRO

Family **PSETTODIDAE**, Spiny turbots, adalahs*Psettodes erumei*, adalah, 28 cm TL (Saudi Arabia).

© SV Bogorodsky

*Psettodes erumei*, adalah, 38 cm TL (Tanzania); 11 cm TL (Madagascar).Family **CITHARIDAE**, Large-scaled flounders*Brachypleura novaezealandiae*, yellow-dappled flounder, 9 cm SL (Thailand).

© S Kimura, RLM

*Citharoides macrolepis*, two-spot large-scaled flounder, 18 cm SL, 23 cm TL (N Mozambique).

PC Heemstra © NRF-SAVAB

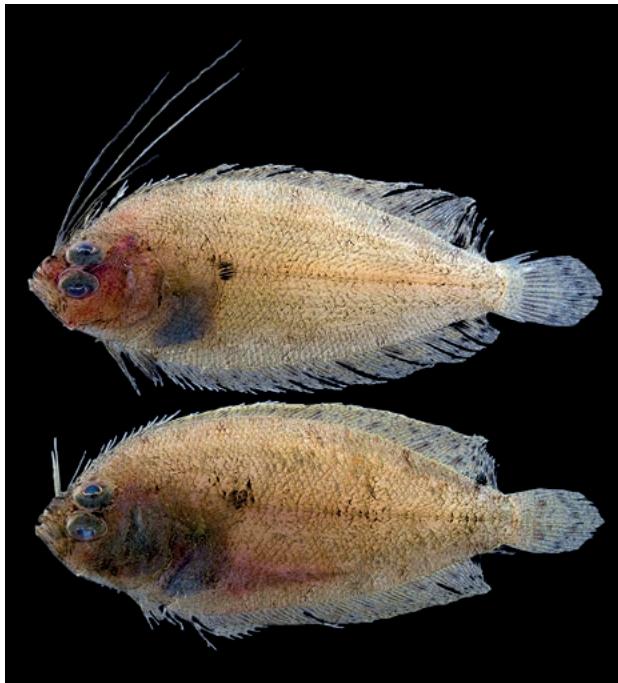
Family **BOTHIDAE**, Lefteye flounders*Arnoglossus capensis*, Cape flounder, 13 cm SL (South Africa).

© RW Leslie

*Arnoglossus dalgleishi*, east-coast flounder, 13 cm TL (Mozambique).

O Alvhheim © IMR

Family BOTRIDAE, Lefteye flounders



Arnoglossus macrolophus, large-crested flounder, both ~6 cm SL, male (top) and female (bottom) (Red Sea).

© SV Bogorodsky



Asterorhombus cocosensis, angler flatfish, 10 cm SL (Seychelles).

PC Heemstra © NFF-SANAB



Asterorhombus filifer, filament flounder, 4 cm SL (Australia).

© JE Randall, Bishop Museum



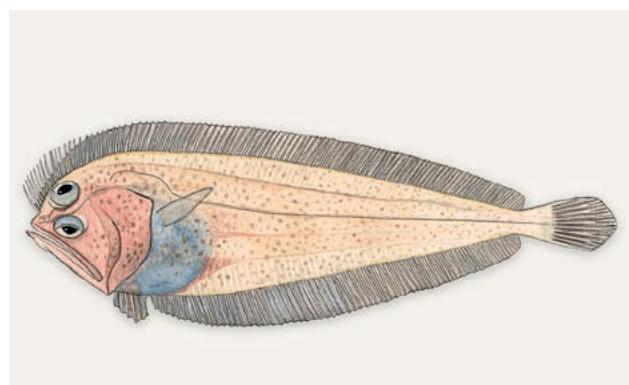
Asterorhombus intermedius, blotched flounder, 8 cm SL (Red Sea).

© JE Randall, Bishop Museum



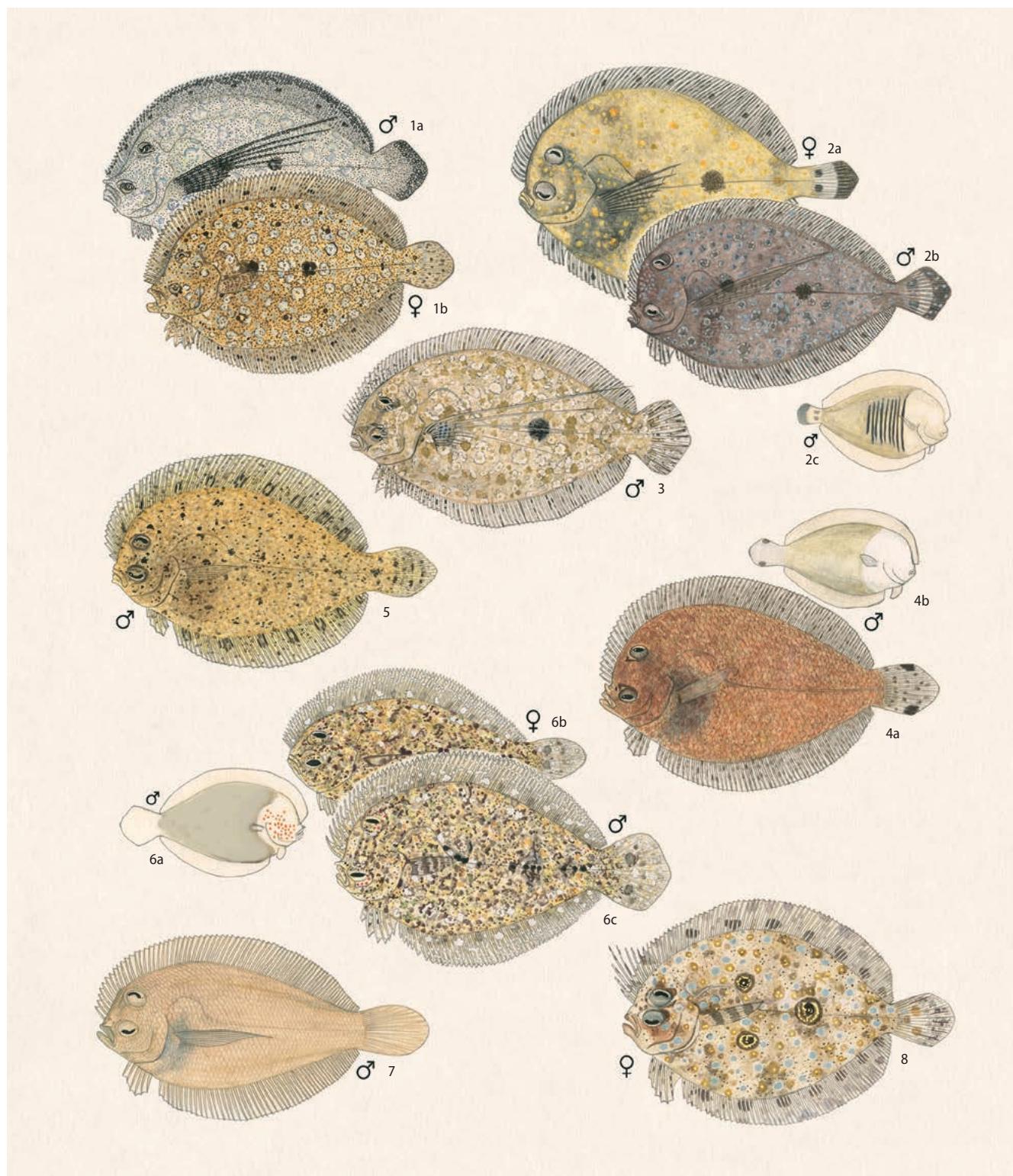
Bothus mancus, peacock flounder (Indonesia).

© P Osborn



Chascanopsetta lugubris, pelican flounder, 23 cm SL (Japan).

Family BOTHIDAE, Lefteye flounders



1 *Bothus mancus*, peacock flounder, **(a)** 35 cm SL, male, **(b)** female (both South Africa).* **2** *Bothus myriaster*, disc flounder, **(a)** 18 cm SL, female (Japan), **(b)** 14 cm SL, male (Taiwan), **(c)** 14 cm SL, male, blind side (Taiwan). **3** *Bothus pantherinus*, leopard flounder, ~10 cm SL, male (Red Sea).* **4** *Engyprosopon grandisquama*, warthog flounder, **(a)** 8 cm SL, male, **(b)** male, blind side (Australia). **5** *Engyprosopon hureau*, Hureau's flounder, 5 cm SL, male (Red Sea). **6** *Engyprosopon macrolepis*, eye-flap flounder, **(a)** 6 cm SL, male, blind side (Philippines), **(b)** 4 cm SL, female (Comoros), **(c)** 6 cm SL, male (Philippines). **7** *Engyprosopon maldivense*, olive wide-eye flounder, 9 cm SL, male (Taiwan). **8** *Grammatobothus polyophthalmus*, three-spot flounder, 15 cm TL, female (NW Australia).

* Source: CFSA

Family **BOTHIDAE**, Lefteye flounders

Bothus myriaster, disc flounder, 15 cm SL, male (Mozambique).

© PC Heemstra © NFR-SAAB



Crossorhombus azureus, blue flounder, blind side, males (Pakistan).

© HB Osmany



Crossorhombus azureus, blue flounder (Pakistan).

© HB Osmany



Engyprosopon grandisquama, warthog flounder, 8 cm SL (Indonesia).

© JE Randall, Bishop Museum



Crossorhombus valderostratus, broadbrow flounder, 9 cm SL (South Africa).

© PC Heemstra © NFR-SAAB

Family BOTHIDAE, Lefteye flounders



Engyprosopon hureaui, Hureau's flounder, 4 cm SL (Red Sea).

© JE Randall, Bishop Museum



Engyprosopon latifrons, broad flounder, 8 cm SL (Seychelles).

© JE Randall, Bishop Museum



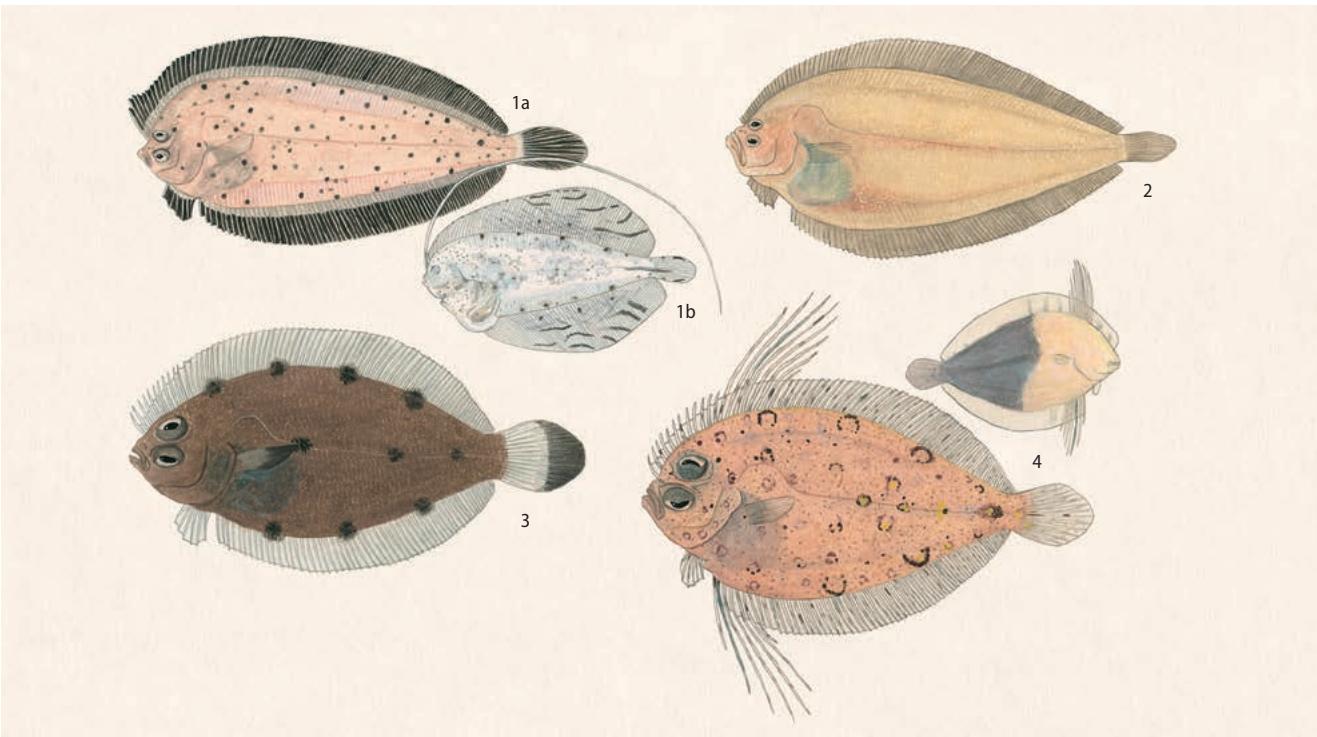
Engyprosopon mozambiquense, Mozambique flounder, 6 cm SL (Indonesia).

© JE Randall, Bishop Museum



Grammatobothus polyophthalmus, three-spot flounder, 8 cm SL (Thailand).

© U Satapoomin, PMBC

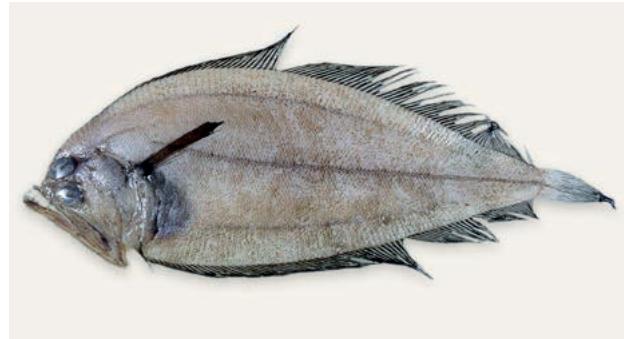


1 *Laeops nigromaculatus*, blackspotted flounder, (a) 13 cm SL (Japan), (b) 11 cm SL, juvenile (South Africa). 2 *Neolaeops microphthalmus*, crosseyed flounder, 21 cm SL (Japan). # 3 *Psettina brevirostris*, small-mouthed flounder, 8 cm SL (Taiwan). 4 *Taenioptetta ocellata*, ocellated flounder, 12 cm SL, male (Mozambique).

= no species account

Family **BOTHIDAE**, Lefteye flounders

Kamoharaia megastoma, widemouth flounder, 11 cm SL
(SE Madagascar).

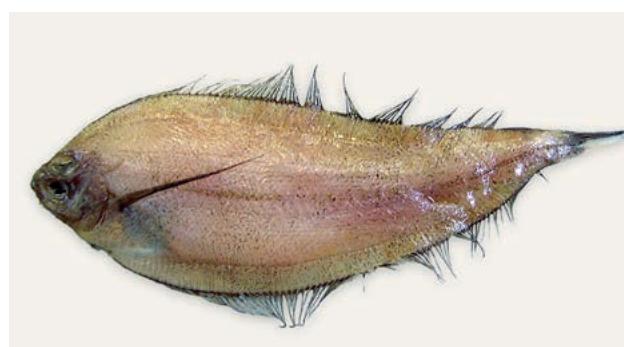


Kamoharaia megastoma, widemouth flounder, 15 cm SL (Japan).



Laeops guentheri, Günther's flounder, 10 cm SL (N Mozambique).

© M Lee © AV2010



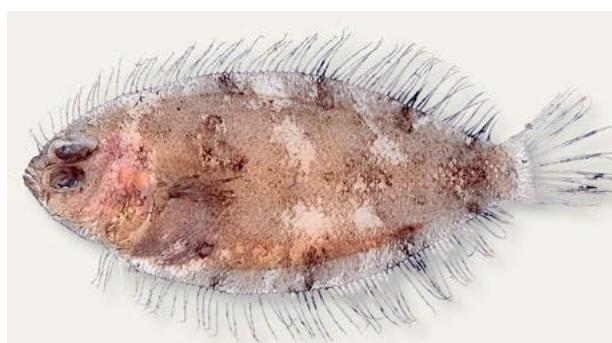
Laeops pectoralis, longarm flounder (South Africa).

© K Amada



Laeops sinusarabici, Red Sea flounder, 10 cm SL (Red Sea).

© PC Heemstra © NRF-SA/NB



Psettina iijimae, Iijima flounder (Taiwan).

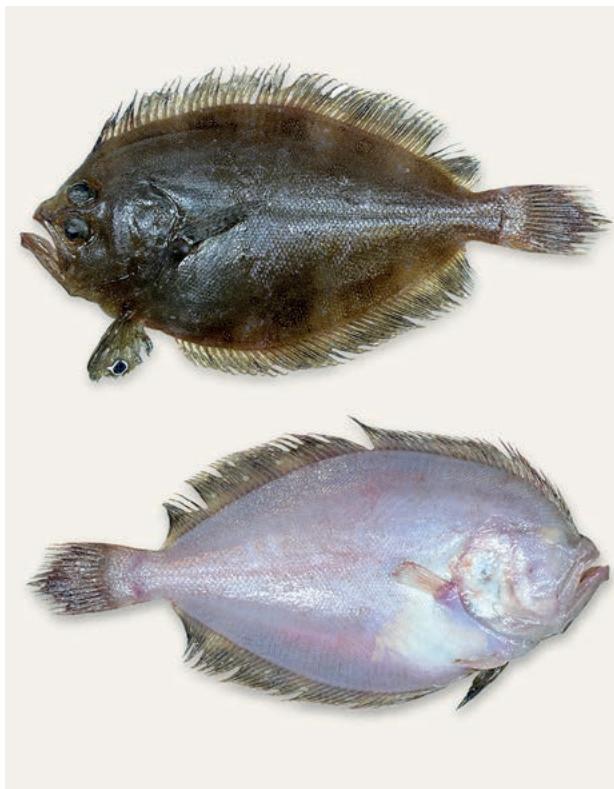
© SV Bogorodsky



Taeniopsetta ocellata, ocellated flounder, 10 cm SL, female
(Mozambique).

© ST Fennessy © ORV/SA/NB

Family PARALICHTHYIDAE, Sand flounders



Cephalopsetta ventrocellata (Pakistan).



Cephalopsetta ventrocellata, 20 cm TL (Myanmar).

O Alvhheim © IMR



Pseudorhombus arsius, largetooth flounder, 21 cm SL (South Africa).

PC Heemstra © NMF-SAIAB



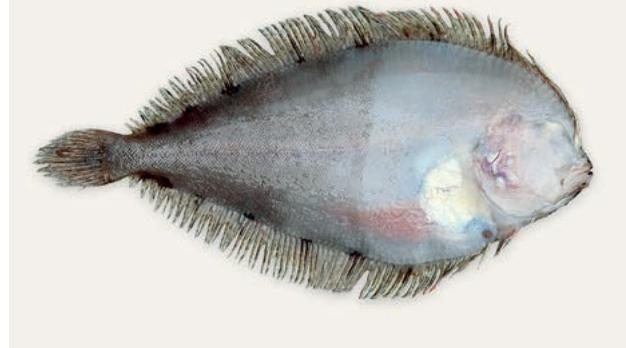
Pseudorhombus duplocellatus, ocellated flounder (Indonesia).

© GR Allen



Pseudorhombus elevatus, deep-bodied flounder, 10 cm TL (Mozambique).

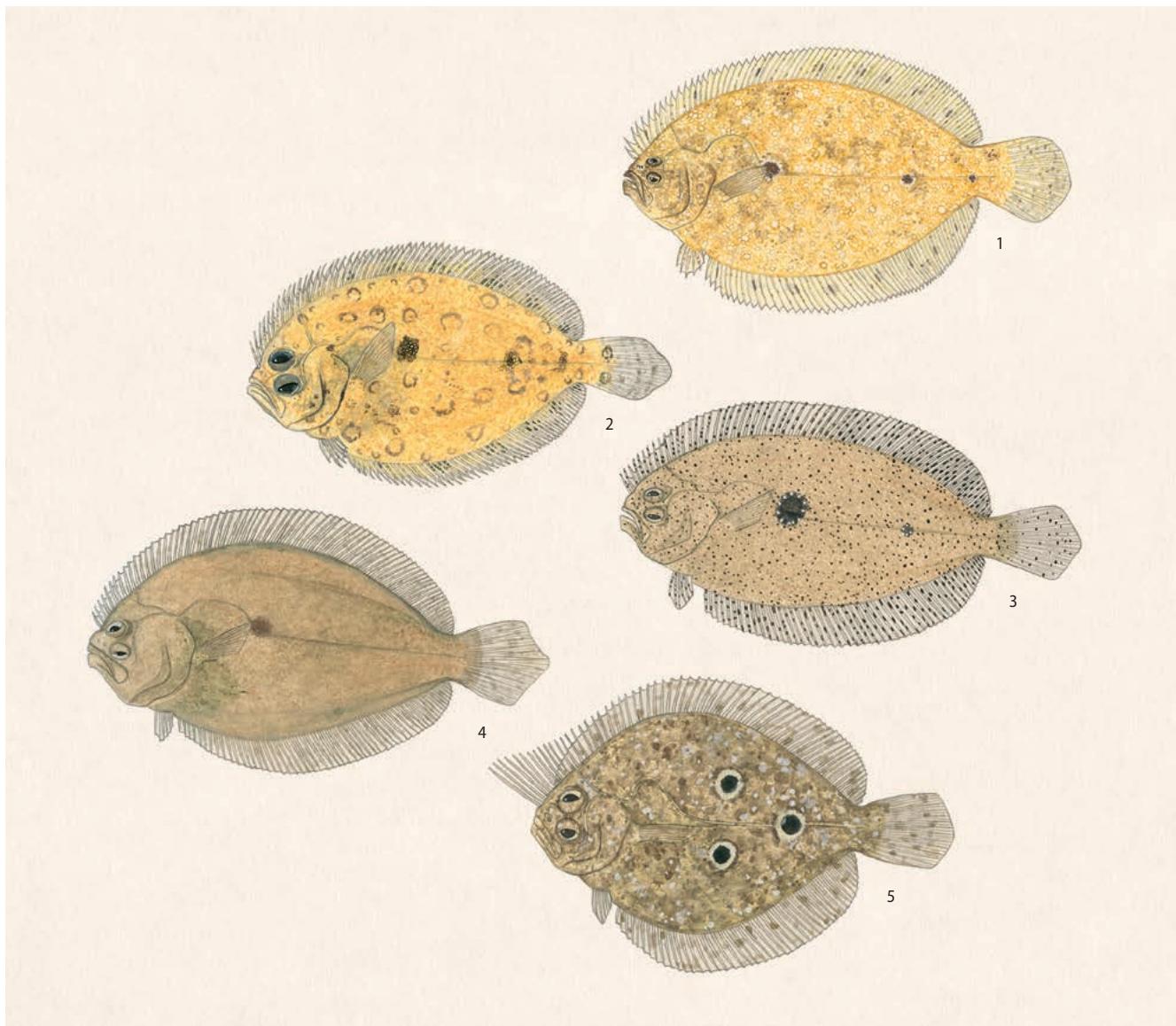
O Alvhheim © IMR



Pseudorhombus natalensis, Natal flounder, 11 cm TL (Mozambique).

O Alvhheim © IMR

Family PARALICHTHYIDAE, Sand flounders



1 *Pseudorhombus arsius*, largetooth flounder, 20 cm SL (South Africa). **2** *Pseudorhombus elevatus*, deep-bodied flounder, 12 cm SL (South Africa).

3 *Pseudorhombus javanicus*, Javan flounder, 4 cm SL (Australia). **4** *Pseudorhombus malayanus*, Malayan flounder, 4 cm SL (Australia).

5 *Pseudorhombus triocellatus*, three-spot flounder, 10 cm SL (Australia).

Family PARALICHTHODIDAE, Measles flounder



Paralichthodes algoensis, measles flounder, 22 cm TL (South Africa).

Source: CFSA



Paralichthodes algoensis, measles flounder, 23 cm SL (South Africa).

PC Heemstra © NRF-SA/AB

Family POECILOPSETTIDAE, Righteye flounders



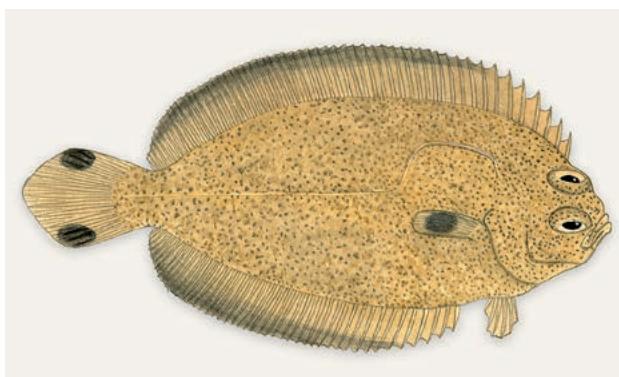
Marleyella bicolorata, comb flounder, 15 cm SL (South Africa).

AD Connell © NRF-SAIAB



Poecilopsetta natalensis, African righteye flounder, 14 cm SL (Mozambique).

PC Heemstra © NRF-SAIAB



Poecilopsetta colorata, coloured righteye flounder, 11 cm SL.

O Alvhheim © IMR



Poecilopsetta zanzibarensis, Zanzibar righteye flounder, 16 cm TL, blind side (Mozambique).

PC Heemstra © NRF-SAIAB



Poecilopsetta zanzibarensis, Zanzibar righteye flounder, 12 cm SL (Mozambique).

Family SAMARIDAE, Dwarf flounders

*Samaris costae*, Costa's dwarf flounder, ~10 cm SL (Madagascar).*Samaris costae*, Costa's dwarf flounder, head (Madagascar).*Samaris cristatus*, crested flounder, 11 cm SL (Mozambique).

S.Ribes © AV2010

*Samaris macrolepis*, large-scale crested flounder, 8 cm SL (Mozambique).

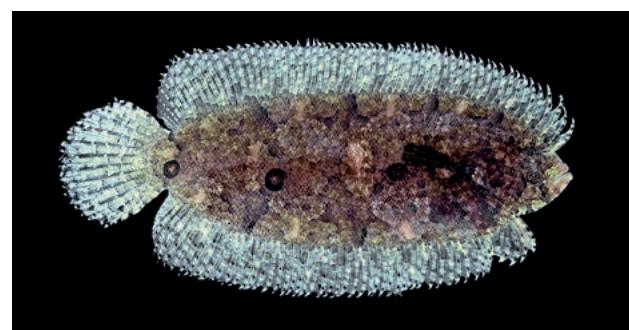
S.Ribes © AV2010

*Samariscus inornatus*, plain dwarf flounder, 12 cm SL (Red Sea). #

PC Heemstra © NRF-SAIAB

*Samariscus nielseni*, Nielsen's dwarf flounder, 7 cm SL (South Africa).

PC Heemstra © NRF-SAIAB

*Samariscus triocellatus*, three-spot dwarf flounder, 8 cm SL (South Africa).

PC Heemstra © NRF-SAIAB

= no species account

Family CYNOGLOSSIDAE, Tonguefishes



Cynoglossus acaudatus, Natal tonguefish, 13 cm TL (South Africa).

Source: SSF



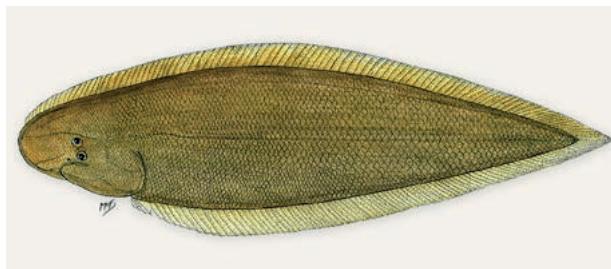
Cynoglossus acaudatus, Natal tonguefish, 3 cm SL, juvenile (South Africa).

PC Heemstra © NRF-SAFAB



Cynoglossus arel, largescale tonguefish, 16 cm TL (Kuwait).

© JE Randall, Bishop Museum



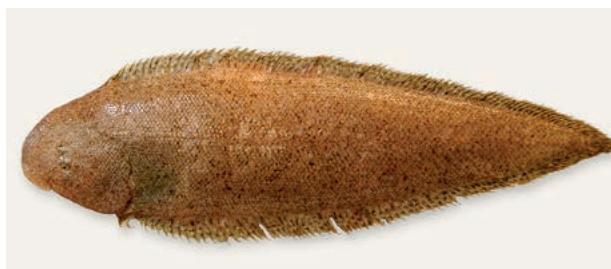
Cynoglossus attenuatus, fourline tonguefish, 15 cm TL (N Mozambique).

Source: SSF



Cynoglossus attenuatus, fourline tonguefish, 20 cm SL (Mozambique).

PC Heemstra © NRF-SAFAB



Cynoglossus capensis, sand tonguefish (South Africa).

© RW Leslie



Cynoglossus capensis, sand tonguefish (South Africa).

© G.Zibanez, SURG



Cynoglossus ?dolifusi, 12 cm SL (Gulf of Suez).

© SV Bogorodsky



?*Cynoglossus itinus*, speckled tonguefish, 6 cm SL (Comoros).

© R.Winterbottom, ROM



Cynoglossus kopsii, shortheaded tonguesole, 13 cm TL (Bahrain).

© JE Randall, Bishop Museum

Family CYNOGLOSSIDAE, Tonguefishes



Cynoglossus lachneri, twoline tonguefish, 37 cm SL (Red Sea).

© SV Bogorodsky



Cynoglossus lida, roughscale tonguefish (Taiwan).

© K-T Shao, ASIZ



Cynoglossus macrostomus, Malabar tonguesole, 13 cm TL (W India).

© J.F. Randall, Bishop Museum



Cynoglossus marleyi, threeline tonguefish, 22 cm TL (N Mozambique).

Source: SSF



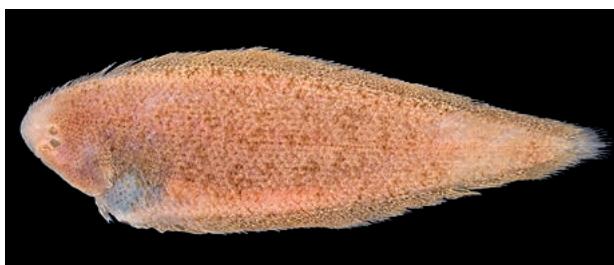
Cynoglossus puncticeps, speckled tonguesole, 10 cm SL (Mozambique).

PC Heemstra © NRF-SAIAB



Cynoglossus sealarki, 17 cm SL (S Mozambique).

O Alvhheim © IMR



Cynoglossus sinusarabici, 12 cm SL (Gulf of Suez).

© SV Bogorodsky



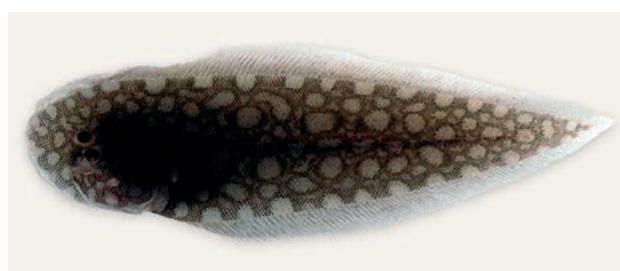
Cynoglossus zanzibarensis, redspotted tonguesole, 32 cm TL (Mozambique).

PC Heemstra © NRF-SAIAB



Cynoglossus zanzibarensis, redspotted tonguesole, 19 cm SL, blind side (South Africa).

© RW Leslie



Paraplagusia bilineata, fringelip tonguefish, 3 cm SL, juvenile (S Mozambique).

PC Heemstra © NRF-SAIAB

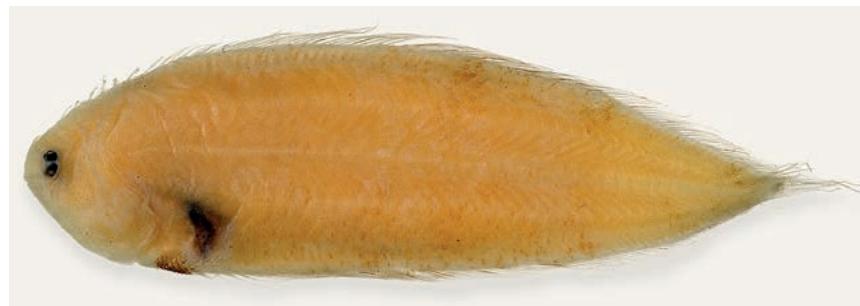
Family CYNOGLOSSIDAE, Tonguefishes

*Paraplagusia bilineata*, fringelip tonguefish, 22 cm SL (SE Madagascar).

© F Heemstra © NFR-SAHAB

*Paraplagusia bleekeri*, Bleeker's tonguefish, 21 cm TL (Oman).

© JF Randall, Bishop Museum

*Sympodus monostigma*, onespot tonguefish, 5 cm SL, male, preserved holotype (South Africa).

© SJ Raredon, Smithsonian Institution

Family SOLEIDAE, Soles

*Aesopias cornuta*, unicorn sole, 12 cm SL (Mozambique).

© F Heemstra © NFR-SAHAB

*Aseraggodes andersoni*, 2 cm TL, holotype (Maldives).

© JF Randall, Bishop Museum

*Aseraggodes brevirostris*, 4 cm SL, mature female, holotype (Comoros).

© R Winterbottom, ROM

*Aseraggodes diringeri*, reef sole (Réunion).

© A Dieringer

Family SOLEIDAE, Soles



Aseraggodes diringeri, reef sole, 7 cm SL (Comoros).



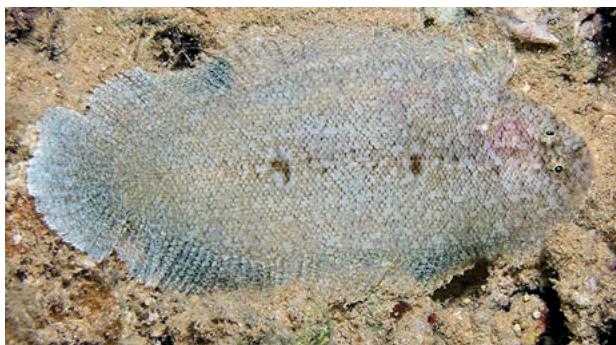
Aseraggodes heemstrai, Natal sole, 9 cm SL, holotype (South Africa).



Aseraggodes jenny, wide sole, ~6 cm SL, holotype (Mauritius).



Aseraggodes kruppi, ~5 cm SL (Red Sea).



Aseraggodes macronasus, 6 cm SL (Red Sea).



Aseraggodes martine, 2 cm SL, paratype (Seychelles).



Aseraggodes sinusarabici, Suez sole, 6 cm SL (Red Sea).



Aseraggodes sinusarabici, Suez sole (Red Sea).

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© C Heemstra © NRF-SAFAB

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KA Moots © NRF-SAFAB

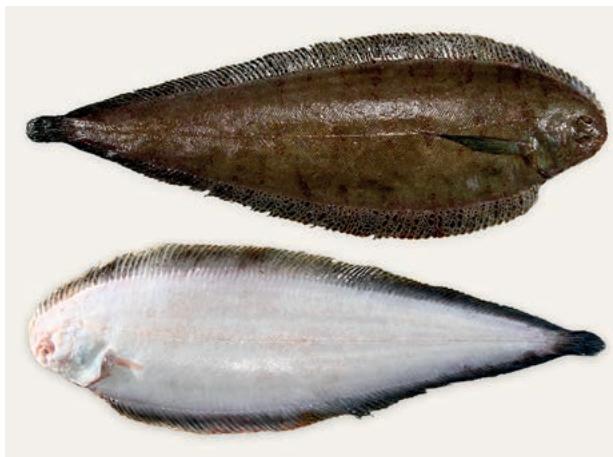
© SV Bogorodsky

Family SOLEIDAE, Soles



Austroglossus microlepis, west-coast sole, 44 cm TL (Namibia).

© Akhlein © IMR



Austroglossus pectoralis, east-coast sole, 27 cm SL (South Africa).

© RW Leslie



Barnardichthys fulvomarginata, lemon sole, 16 cm SL (South Africa).

PC Heemstra © NRF-SAJAB



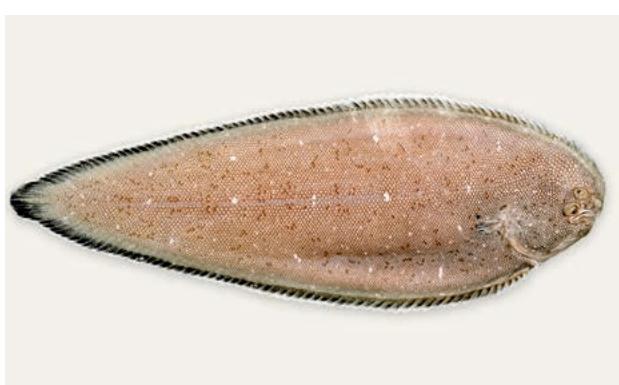
Brachirus orientalis, oriental sole, 17 cm SL (W India).

© JE Randall, Bishop Museum



Dagetichthys albomaculatus, whitespotted sole, 12 cm TL (SW India).

KV Achilles © CMFRI



Dagetichthys commersonii, hairylip sole, 14 cm TL (SW India).

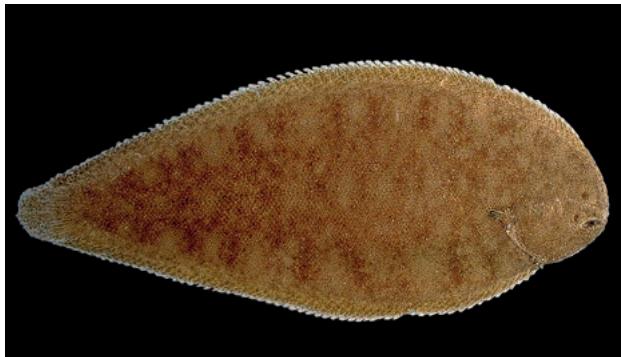
© JE Randall, Bishop Museum



Dagetichthys marginatus, white-margin sole, 7 cm SL, juvenile (South Africa).

PC Heemstra © NRF-SAJAB

Family SOLEIDAE, Soles



Dagetichthys marginatus, white-margin sole, 30 cm TL (South Africa).

© J. Staples



Heteromycteris capensis, Cape sole (South Africa).

AK Whitfield © NMR-SAIAB



Heteromycteris capensis, Cape sole (South Africa).

© G. Zuluvezz, SUDC



Heteromycteris oculus, eyed sole, 14 cm SL (SW India).

KK Bineesh © CMFRI



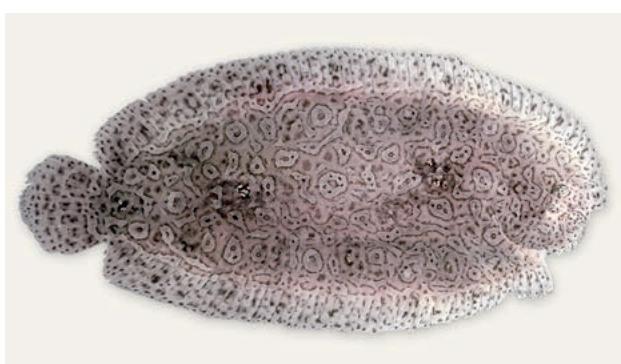
Microchirus ocellatus, foureye sole (Italy).

© S. Guerrieri



Pardachirus balius, piebald sole, 18 cm SL (Oman).

© JE Randall, Bishop Museum



Pardachirus marmoratus, Moses sole, 16 cm SL (Mauritius).

PC Heemstra © NMR-SAIAB



Pardachirus marmoratus, Moses sole, 16 cm SL (SW India).

KK Bineesh © CMFRI

Family SOLEIDAE, Soles



Pardachirus morrowi, Persian carpet sole, 9 cm SL (Madagascar).



Pardachirus morrowi, Persian carpet sole, 13 cm SL (South Africa).

© E Heemstra © NRF-SAIAB



Pardachirus pavoninus, peacock sole (Indonesia).

© V Fraser



Pseudaesopis regani, South African zebra sole (SE Madagascar).

© S Ribes © AV/2010



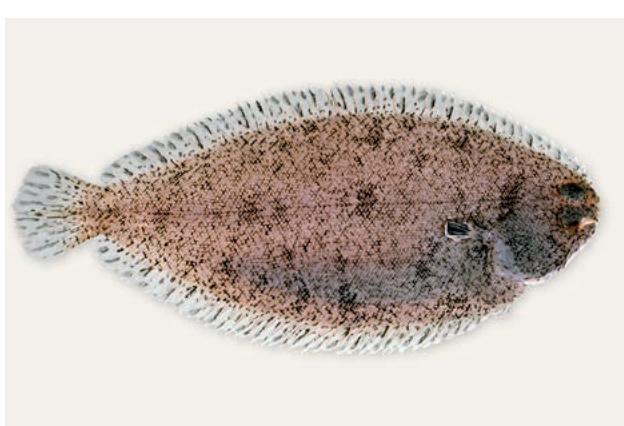
Pseudaesopis synapturoides, Indian zebra sole, 14 cm SL (W India).

© JF Randall, Bishop Museum



Solea elongata, elongate sole, 8 cm SL (Oman).

© JF Randall, Bishop Museum



Solea stanalandi, pepper sole, 11 cm SL (Oman).

© JF Randall, Bishop Museum



Solea turbynei, blackhand sole, 9 cm SL (Mozambique).

© C Heemstra © NRF-SAIAB

Family SOLEIDAE, Soles



Soleichthys dori, blue-edged sole (Red Sea).



Soleichthys dori, blue-edged sole, juvenile (Red Sea).



Soleichthys dori, blue-edged sole (Red Sea).



Soleichthys tubiferus, cross-eyed sole, 3 cm TL, juvenile (Madagascar).



Soleichthys tubiferus, cross-eyed sole, 13 cm TL (Mauritius).



Synapturichthys kleinii, lace sole (Italy).



Soleidae sp. (South Africa). #



Zebrias annularis, annular sole, 14 cm TL (SW India).

= no species account

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KV Akhilesh © CMFRI

Family SOLEIDAE, Soles



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Zebrrias captivus, convict sole, 9 cm TL (Bahrain).

© S. Kimura, FRLM

Zebrrias quagga, fringefin zebra sole, 10 cm SL (Malaysia).

KK Binnesh © CMFR

Zebrrias quagga, fringefin zebra sole, 15 cm TL (SW India).

PC Heemstra © NRI-SAIAB

Zebrrias sp., Natal zebra sole, 10 cm SL (South Africa). #

Family TRIACANTHODIDAE, Spikefishes



© H.C. Ho, NMWBP

Macrorhamphosodes uradoi, trumpetsnout, 90 mm SL (NE Taiwan).

O Alvheim, IMR © FAO

Mephisto Fraserbrunneri (Myanmar).

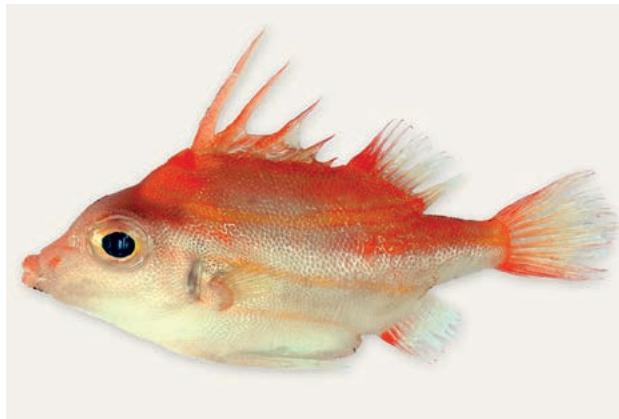
= no species account

Family TRIACANTHODIDAE, Spikefishes



Paratriacanthodes retrospinis, sawspine spikefish, 90 mm SL (Mozambique).

PC Heemstra © NRI-SAIAB



Triacanthodes ethiops, shortsnout spikefish, 121 mm TL (Mozambique).

O Alvhjem © IMR



Triacanthodes ethiops, shortsnout spikefish (South Africa).

R Palmer © NRI-SAIAB



Tydemania navigatoris, fleshy-lipped spikefish, 120 mm SL (Mozambique).

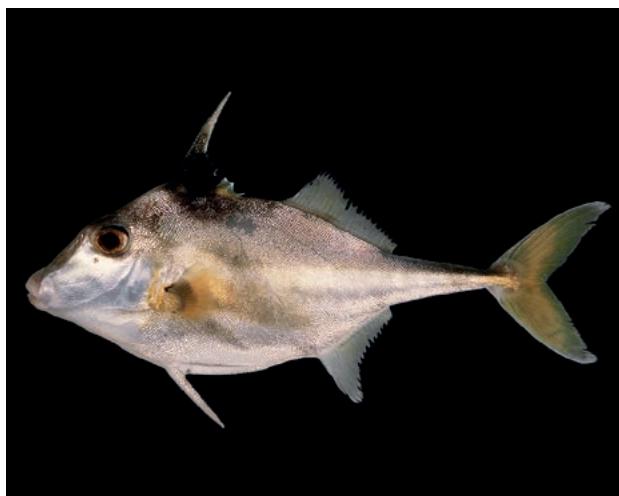
PC Heemstra © NRI-SAIAB

Family TRIACANTHIDAE, Triplespines, tripodfishes



Pseudotriacanthus strigilifer, long-spined tripodfish, 8 cm SL (India).

© JE Randall, Bishop Museum



Triacanthus biaculeatus, short-nosed tripodfish, 18 cm SL (India).

© JE Randall, Bishop Museum

Family TRIACANTHIDAE, Tripodfishes



© G. Hermann

Triacanthus biaculeatus, short-nosed tripodfish, 22 cm TL (South Africa).

Family BALISTIDAE, Triggerfishes



© S.Y. Bogorodsky

Abalistes stellatus, starry triggerfish, 5 cm SL, juvenile (Saudi Arabia).

© S.Y. Bogorodsky

Balistoides viridescens, titan triggerfish (Red Sea).

© J.E. Randall, Bishop Museum

Melichthys indicus, Indian triggerfish (Maldives).

© J.E. Randall, Bishop Museum

Melichthys vidua, pinktail triggerfish, 18 cm SL (Indonesia).

Family BALISTIDAE, Triggerfishes



1 *Abalistes stellatus*, starry triggerfish, 28 cm TL (Oman). **2** *Balistapus undulatus*, orange-lined triggerfish, **(a)** 8 cm SL, juvenile (Comoros), **(b)** 26 cm SL, male (South Africa).* **3** *Balistoides conspicillum*, clown triggerfish, **(a)** 6 cm SL, juvenile, **(b)** 29 cm SL (both South Africa).* **4** *Balistoides viridescens*, titan triggerfish, **(a)** 42 cm SL (Red Sea), **(b)** 10 cm SL (Japan). **5** *Canthidermis macrolepis*, largescale triggerfish, 46 cm SL (Red Sea). **6** *Canthidermis maculata*, spotted oceanic triggerfish, **(a)** 20 cm SL, **(b)** 5 cm SL, juvenile (both Japan). **7** *Melichthys indicus*, Indian triggerfish, **(a)** 27 cm TL (South Africa), **(b)** 27 cm TL, courtship colouration (Maldives). **8** *Melichthys niger*, black triggerfish, 27 cm SL (South Africa). **9** *Melichthys vidua*, pinktail triggerfish, 17 cm SL (Japan). **10** *Pseudobalistes flavimarginatus*, yellowmargin triggerfish, 40 cm SL (Indian Ocean).

* Source: CFSA

Family BALISTIDAE, Triggerfishes



PC Heemstra © NPF-SAB

Odonus niger, redfang triggerfish, 4 cm SL, juvenile (South Africa).

© JE Randall, Bishop Museum

Odonus niger, redfang triggerfish, juvenile (Mauritius).

© JE Randall, Bishop Museum

Odonus niger, redfang triggerfish (Maldives).

© H Senou, RKM

Pseudobalistes flavimarginatus, yellowmargin triggerfish, 5 cm SL, juvenile (Japan).

© JE Randall, Bishop Museum

Pseudobalistes flavimarginatus, yellowmargin triggerfish, 21 cm SL (Red Sea).*Pseudobalistes fuscus*, yellowspotted triggerfish, ~8 cm SL, juvenile (S Mozambique).

Family BALISTIDAE, Triggerfishes



1 *Rhinecanthus aculeatus*, white-banded triggerfish, **(a)** 18 cm SL (S Mozambique), **(b)** 4 cm SL, juvenile (Mauritius). **2** *Rhinecanthus assasi*, Picasso triggerfish, 15 cm SL (Red Sea). **3** *Rhinecanthus cinereus*, ashen triggerfish, 17 cm SL (SE Asia). **4** *Rhinecanthus rectangulus*, wedge-tail triggerfish, **(a)** 15 cm SL (Indian Ocean), **(b)** 3 cm SL, juvenile (South Africa). **5** *Rhinecanthus verrucosus*, triggerfish, 18 cm SL (SE Asia). # **6** *Sufflamen albicaudatum*, bluethroat triggerfish, 14 cm SL (Red Sea). **7** *Sufflamen bursa*, boomerang triggerfish, **(a)** 4 cm TL, juvenile (Japan), **(b)** 15 cm SL (Indian Ocean). **8** *Sufflamen chrysopterum*, flagtail triggerfish, **(a)** 4 cm TL, juvenile (Japan), **(b)** 11 cm SL (South Africa). **9** *Sufflamen fraenatum*, bridled triggerfish, **(a)** 30 cm SL (South Africa), **(b)** 4 cm SL, juvenile (South Africa). **10** *Xanthichthys auromarginatus*, gilded triggerfish, **(a)** 12 cm SL, female (Indian Ocean), **(b)** 13 cm SL, male (South Africa).

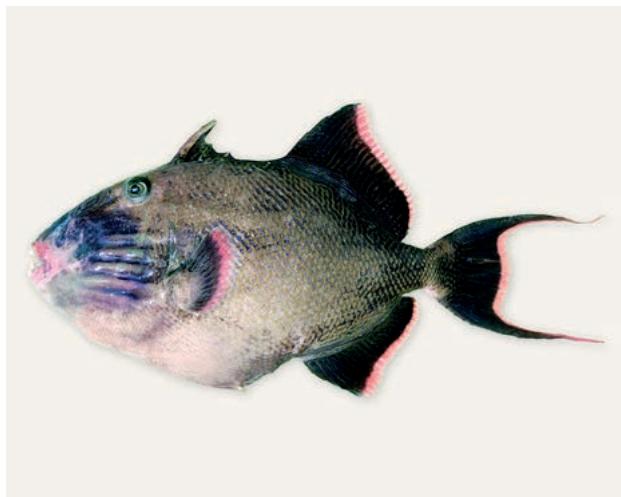
= no species account

Family BALISTIDAE, Triggerfishes



Pseudobalistes fuscus, yellowspotted triggerfish, ~12 cm TL
(S Mozambique).

© DA Pollock



Pseudobalistes fuscus, yellowspotted triggerfish, 46 cm TL
(N Mozambique).

© Alvheim © IMR



Pseudobalistes fuscus, yellowspotted triggerfish (Red Sea).

© SV Bogorodsky



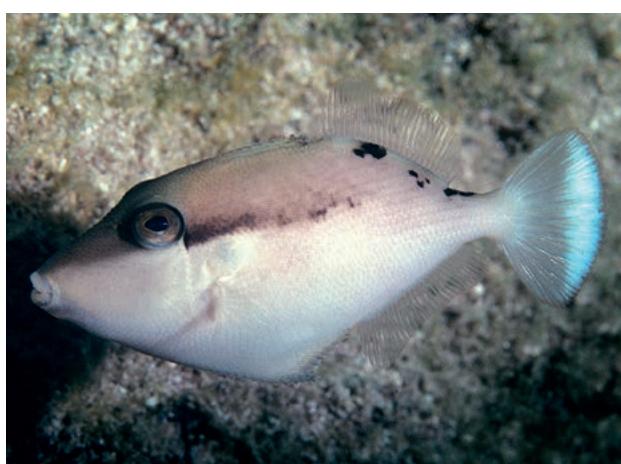
Rhinecanthus rectangulus, wedge-tail triggerfish, ~4 cm TL (Mauritius).

© JE Randall, Bishop Museum



Sufflamen albicaudatum, bluetooth triggerfish, juvenile (Red Sea).

© SV Bogorodsky



Sufflamen chrysopterum, flagtail triggerfish, ~5 cm TL, juvenile
(Mauritius).

© JE Randall, Bishop Museum

Family BALISTIDAE, Triggerfishes



Sufflamen chrysopterum, flagtail triggerfish (Mauritius).

© JF Randall, Bishop Museum



Sufflamen fraenatum, bridled triggerfish, ~30 cm TL (S Mozambique).

© DA Polack



Xanthichthys auromarginatus, gilded triggerfish, female (South Africa).

© DA Polack



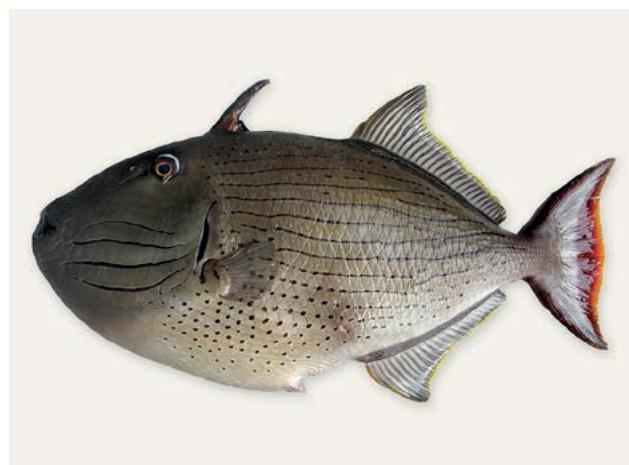
Xanthichthys caeruleolineatus, blueline triggerfish, 8 cm SL, anterior and lateral views of juvenile (South Africa); 25 cm SL, adult (Japan).

KV Akhilesh © CMFR



Xanthichthys caeruleolineatus, blueline triggerfish, 21 cm SL (South Africa).

PC Heemstra © NMF-SAB



Xanthichthys lineopunctatus, striped triggerfish, 11 cm SL (SW India).

Family MONACANTHIDAE, Filefishes



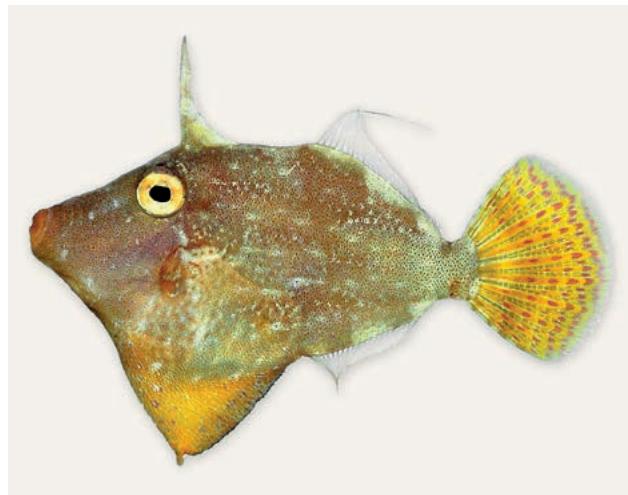
© JE Randall, Bishop Museum

Cantherhines dumerili, yellow-eye filefish, ~13 cm TL (Mauritius).

© JE Randall, Bishop Museum

Cantherhines dumerili, yellow-eye filefish (South Africa).

© JE Randall, Bishop Museum

Cantherhines pardalis, honeycomb filefish (Maldives).

© RW Winterbottom, ROM

Enigmacanthus filamentosus, enigma filefish, 3 cm SL (Palau).

KK Bineesh © CMFR

Lalmohania velutina, velvet filefish, 7 cm SL (SW India).

© SV Bogorodsky

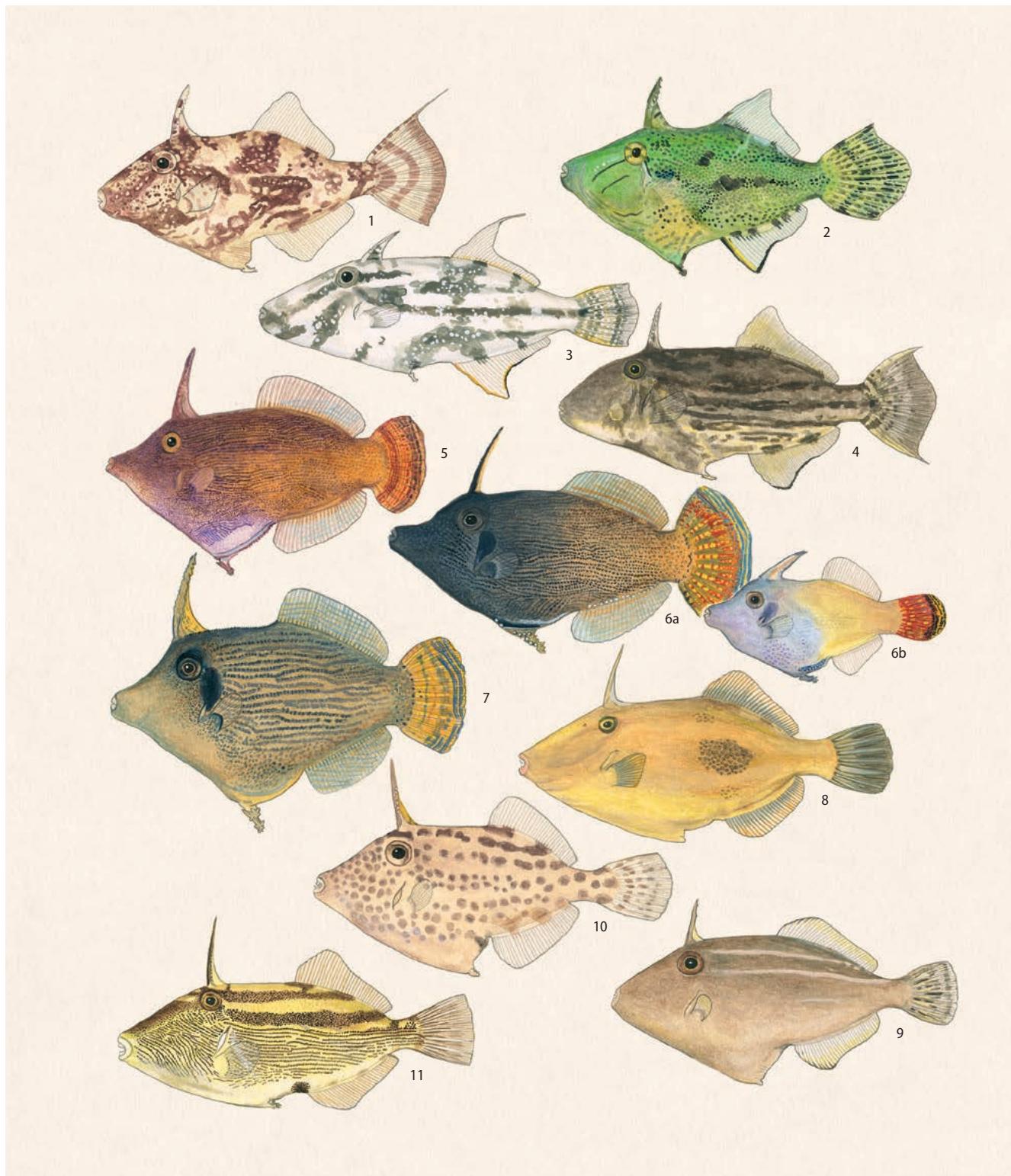
Paralutereres arqat, Red Sea mimic filefish (Red Sea).

Family MONACANTHIDAE, Filefishes



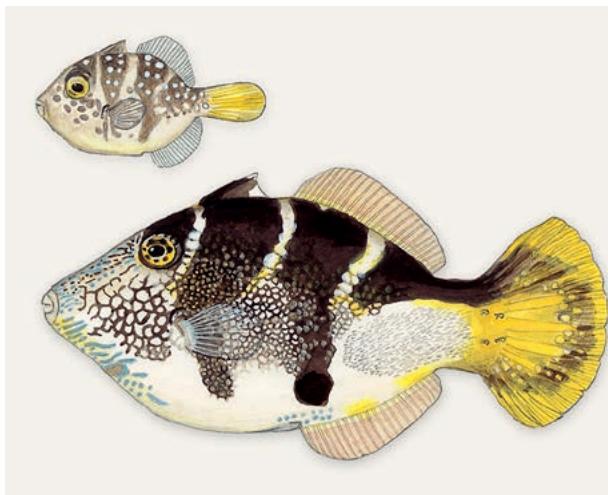
- 1** *Aluterus monoceros*, unicorn filefish, **(a)** 42 cm SL, **(b)** 3 cm SL, juvenile (both South Africa). **2** *Aluterus scriptus*, scrawled filefish, **(a)** 45 cm SL (Maldives), **(b)** 6 cm SL, juvenile (South Africa). **3** *Amanses scopas*, broom filefish, **(a)** 14 cm SL, female (Red Sea), **(b)** 17 cm SL, male (Maldives). **4** *Anacanthus barbatus*, bearded filefish, ~28 cm TL (W Australia). **5** *Cantherhines dumerili*, yellow-eye filefish, **(a)** 30 cm TL, adult male, **(b)** 13 cm SL, juvenile (both South Africa). **6** *Cantherhines fronticinctus*, spectacled filefish, 18 cm SL (S Mozambique). **7** *Cantherhines pardalis*, honeycomb filefish, 15 cm SL (South Africa). **8** *Lalmohania velutina*, velvet filefish, 11 cm TL (India). **9** *Oxymonacanthus halli*, Red Sea harlequin filefish, 7 cm SL (Red Sea). **10** *Oxymonacanthus longirostris*, harlequin filefish, 8 cm SL (Mauritius).

Family MONACANTHIDAE, Filefishes



- 1** *Paramonacanthus arabicus*, Arabian filefish, 7 cm SL (Oman). **2** *Paramonacanthus frenatus*, wedge-tail filefish, 6 cm SL (S Mozambique).
3 *Paramonacanthus nematophorus*, seagrass filefish, 9 cm SL (Red Sea). **4** *Paramonacanthus pusillus*, black-striped filefish (Mozambique).
5 *Pervagor aspricaudus*, orangetail filefish, 9 cm SL, male (Mauritius). **6** *Pervagor janthinosoma*, redtail filefish, (a) 8 cm SL (Mauritius), (b) 5 cm SL, juvenile (S Mozambique). **7** *Pervagor randalli*, Randall's filefish, 4 cm SL (Red Sea). **8** *Thamnaconus arenaceus*, sandy filefish, 31 cm TL (South Africa).
9 *Thamnaconus erythraeensis*, Aqaba filefish, 19 cm SL (Red Sea). **10** *Thamnaconus fajardoi*, spotted filefish, 16 cm TL (Mauritius).
11 *Thamnaconus melanoproctes*, Oman filefish, ~19 cm TL (Oman).

Family MONACANTHIDAE, Filefishes



Paraluteres sp., African blacksaddle mimic filefish, 2 cm TL, juvenile (Comoros); 7 cm SL, adult (Seychelles).

Source: CFSA



Paramonacanthus nematophorus, seagrass filefish, male (Red Sea).

© SV Bogorodsky



Pervagor randalli, Randall's filefish (Yemen).

© SV Bogorodsky



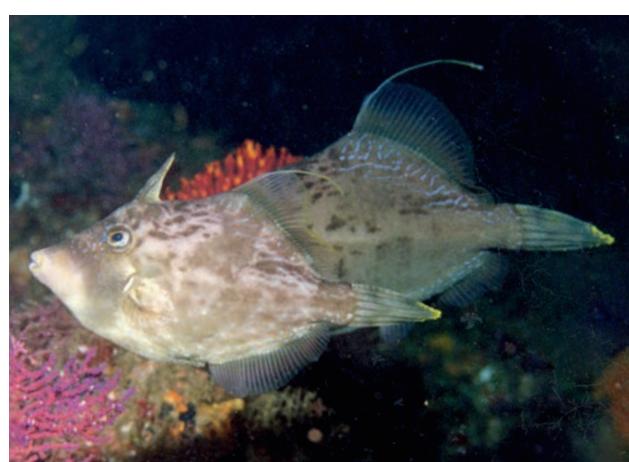
Pseudalutarius nasicornis, rhino filefish, 4 cm SL (Maldives).

© JF Randall, Bishop Museum



O Albreim © IMR

Pseudalutarius nasicornis, rhino filefish, 13 cm TL (Mozambique).



Stephanolepis aurata, porky (South Africa).

© S Pain

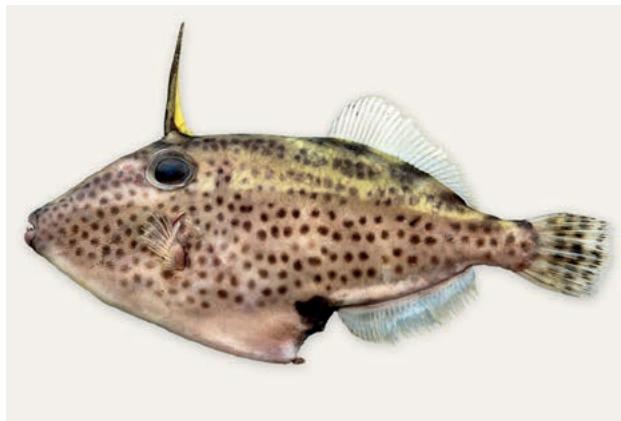
Family MONACANTHIDAE, Filefishes

*Stephanolepis aurata*, porky, 26 cm TL (South Africa).

Source: CFSA

*Stephanolepis diaspros*, reticulated filefish, ~11 cm SL (Oman).*Thamnaconus arenaceus*, sandy filefish, 25 cm SL (South Africa).

PC Heemstra © NRF-SAAB

*Thamnaconus fajardoi*, spotted filefish, 23 cm TL (Mozambique).

O Alvheim © IMR

*Thamnaconus modestoides*, drab filefish, 25 cm TL (South Africa).

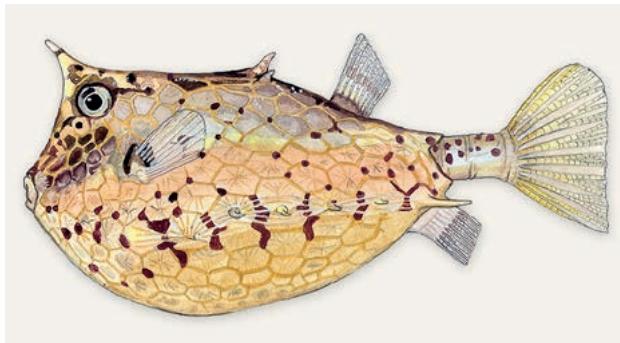
R Palmer © NRF-SAAB/ACEP

Family OSTRACIIDAE, Boxfishes, cowfishes



Lactoria cornuta, longhorn cowfish, 9 cm SL (Mozambique).

PC Heemstra © NRF-SAIAB



Lactoria diaphana, roundbelly cowfish, 13 cm TL (South Africa).

Source: CFSA



Lactoria diaphana, roundbelly cowfish, 27 cm SL (Mauritius).

O Albrecht © IMR



Lactoria fornasini, backspine cowfish, 4 cm SL (South Africa).

PC Heemstra © NRF-SAIAB



Source: CFSA

Ostracion cubicum, yellow boxfish, 17 cm TL, adult female; 7 cm TL, juvenile; ~28 cm TL, adult male (all South Africa).



Lactoria fornasini, backspine cowfish (South Africa).

© DR King



Ostracion cyanurus, bluetail boxfish, female (Gulf of Oman).

© R Field

Family OSTRACIIDAE, Boxfishes, cowfishes

*Ostracion cyanurus*, bluetail boxfish, male (Red Sea).

© SV Bogorodsky

*Ostracion cyanurus*, bluetail boxfish, 9 cm SL (Gulf of Aqaba).

© JE Randall, Bishop Museum

*Ostracion meleagris*, whitespotted boxfish, 8 cm SL, female (Comoros).

© R Winterbottom, ROM

*Ostracion meleagris*, whitespotted boxfish, 14 cm SL, male (Mauritius).

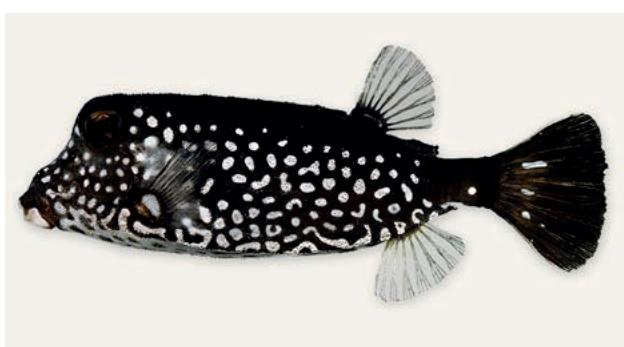
© JE Randall, Bishop Museum

*Ostracion nasus*, shortnose boxfish, 18 cm SL (Philippines).

© JE Randall, Bishop Museum

*Ostracion rhinorhynchos*, torpedo boxfish, 32 cm SL (Maldives).

© JE Randall, Bishop Museum

*Ostracion trachys*, rough boxfish, 9 cm SL, female (Mauritius).

© JE Randall, Bishop Museum

*Ostracion trachys*, rough boxfish, 9 cm SL, male (Mauritius).

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Family OSTRACIIDAE, Boxfishes, cowfishes



© R Field

Tetrosomus gibbosus, humpback boxfish, ~12 cm TL (S Oman).

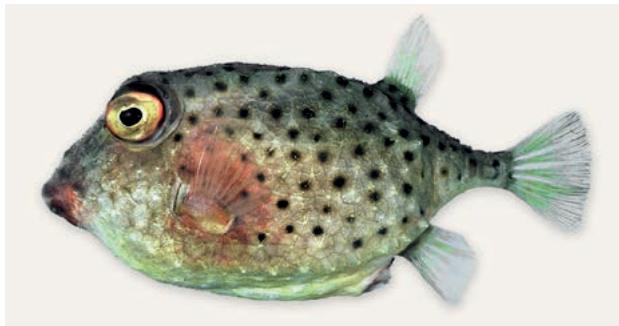
© R Field

Tetrosomus gibbosus, humpback boxfish (Gulf of Oman).

O Alvheim © IMR

Tetrosomus reipublicae, triangular boxfish, 26 cm TL (Mozambique).

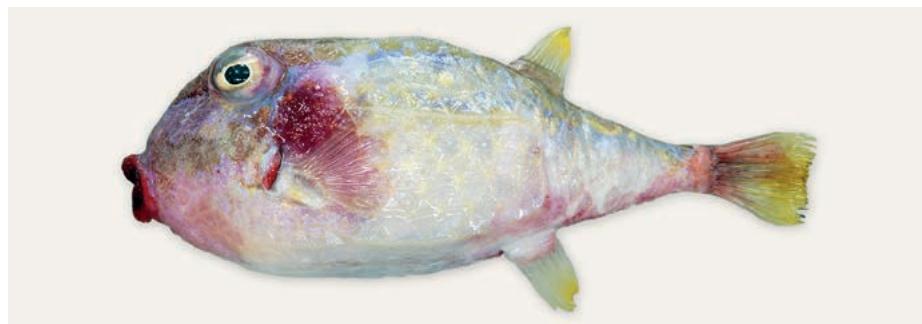
Family ARACANIDAE, Trunkfishes



PC Hemstra © NPF-SAAIB

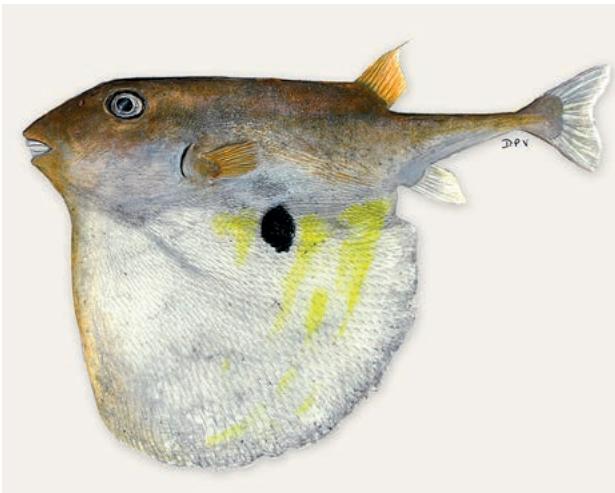
Kentrocapros rosapinto, basketfish, 11 cm SL, female (S Mozambique).

O Alvheim © IMR

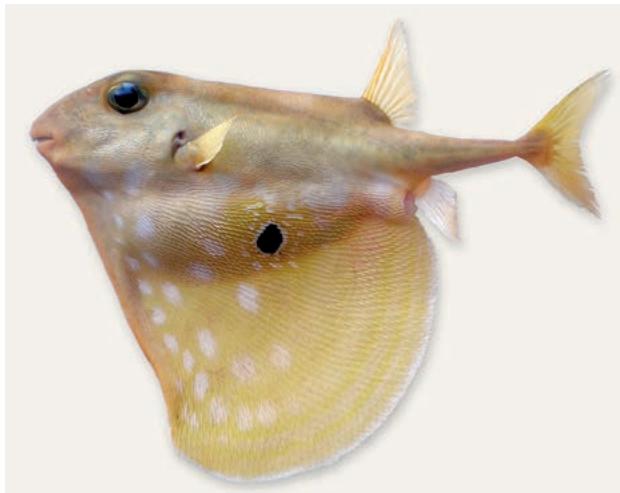
Kentrocapros rosapinto, basketfish, 11 cm TL, male (Mozambique).

O Alvheim © IMR/ASCLME

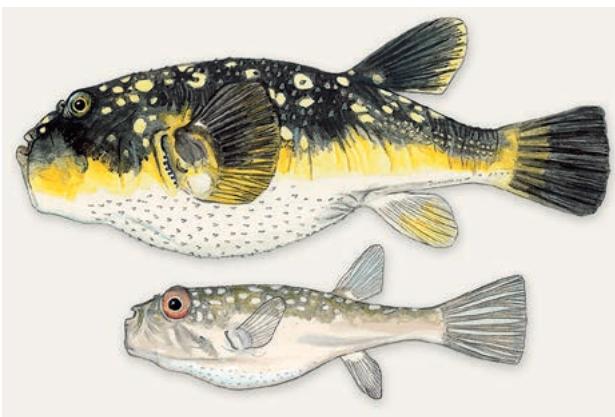
Kentrocapros rosapinto, basketfish, 14 cm SL, male (Saya de Malha Bank).

Family **TRIODONTIDAE**, Threetooth puffer*Triodon macropterus*, threetooth puffer, 26 cm TL (S Mozambique).

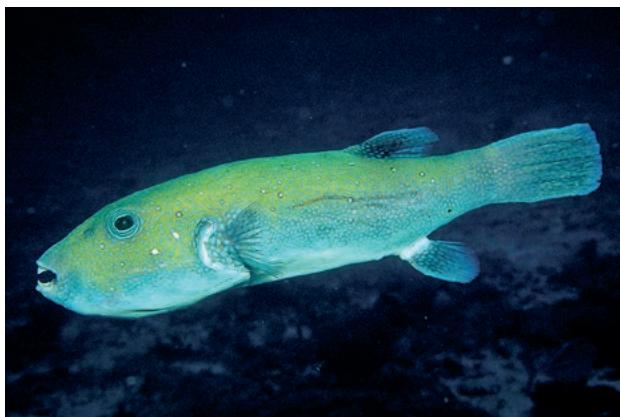
Source: SSF

*Triodon macropterus*, threetooth puffer, 36 cm FL (New Caledonia).

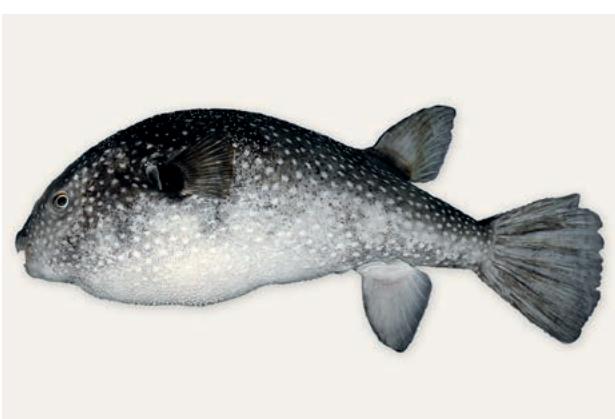
© J-L Justine CC BY-SA 3.0

Family **TETRAODONTIDAE**, Puffers, tobies*Amblyrhynchote honckenii*, evil-eye puffer, 19 cm TL, breeding female; and 8-cm juvenile (both South Africa).

Source: CFSA

*Arothron caeruleopunctatus*, blue-spotted puffer (Andaman Sea).

© RF Myers

*Arothron firmamentum*, starry puffer, 30 cm SL (South Africa).

PC Heemstra © NPF SAAB

*Arothron inconditus*, bellystriped puffer (South Africa).

© E Booyzen

Family TETRAODONTIDAE, Puffers, tobies



- 1** *Arothron diadematus*, masked puffer, 15 cm SL (Gulf of Aqaba). **2** *Arothron firmamentum*, starry puffer, 27 cm SL (South Africa). **3** *Arothron hispidus*, whitespotted puffer, 42 cm TL (South Africa).* **4** *Arothron immaculatus*, blackspotted puffer, 15 cm TL (Mauritius).* **5** *Arothron inconditus*, bellystriped puffer, 36 cm SL (Mozambique). **6** *Arothron mappa*, map puffer, 55 cm SL (South Africa). **7** *Arothron meleagris*, guineafowl puffer, 21 cm SL (Chagos). **8** *Arothron nigropunctatus*, blackspotted puffer, 28 cm TL, two colour morphs (South Africa).* **9** *Arothron stellatus*, star puffer, (a) ~7 cm TL, juvenile (South Africa), (b) 49 cm TL (Mozambique). **10** *Canthigaster amboinensis*, spotted toby, (a) 9 cm SL, (b) 2 cm SL, juvenile (both South Africa). **11** *Canthigaster bennetti*, exquisite toby, 6 cm SL (South Africa).

* Source: CFSA

Family TETRAODONTIDAE, Puffers, tobies



Arothron multilineatus, many-lined puffer (Red Sea).

© R Field



Arothron multilineatus, many-lined puffer, with *Lutjanus fulviflamma* juveniles (S Mozambique).

© A Lund



Canthigaster bennetti, exquisite toby (Kenya).

© JE Randall, Bishop Museum



Canthigaster bennetti, exquisite toby, juvenile (Madagascar).

© A Suntsov



Canthigaster cyanospilota, saddle toby (Red Sea).

© SV Bogorodsky



Canthigaster inframacula, spotbelly toby (South Africa).

© R Pyle, Bishop Museum



Canthigaster margaritata, pearl toby (Red Sea).

© R Field



Canthigaster punctata, darkspotted toby, 65 mm SL (Seychelles).

O Alvheim © IMRASCLME

Family TETRAODONTIDAE, Puffers, tobies

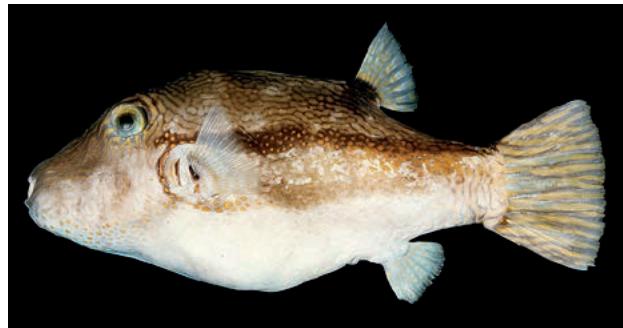


- 1** *Canthigaster cyanospilota*, saddle toby, 13 cm SL (Mozambique). **2** *Canthigaster janthinoptera*, honeycomb toby, 6 cm SL (Seychelles).
3 *Canthigaster margaritata*, pearl toby, 7 cm TL (Red Sea). **4** *Canthigaster petersii*, false-eye toby, (a) (Maldives), (b) 7 cm SL (Seychelles).
5 *Canthigaster pygmaea*, pygmy toby, ~3 cm TL (Gulf of Aqaba). **6** *Canthigaster rivulata*, doubleline toby, 4 cm SL (South Africa).
7 *Canthigaster smithae*, bicoloured toby, 7 cm SL (South Africa). **8** *Canthigaster tyleri*, Tyler's toby, 6 cm SL (South Africa). **9** *Canthigaster valentini*, model toby, 7 cm TL (South Africa). **10** *Chelonodontops laticeps*, bluespotted puffer, 10 cm SL (S Mozambique). **11** *Chelonodontops pleurospilus*, beautiful puffer, 11 cm SL (South Africa). **12** *Tylerius spinosissimus*, spiny puffer, 6 cm TL (Mozambique).

Family TETRAODONTIDAE, Puffers, tobies

*Canthigaster pygmaea*, pygmy toby (Red Sea).

© SV Bogorodsky

*Canthigaster rivulata*, doubleline toby, 13 cm SL (Japan).

© JE Randall, Bishop Museum

*Canthigaster tyleri*, Tyler's toby (South Africa).

© P Timm

*Chelonodontops laticeps*, bluespotted puffer (South Africa).

© DR King

*Chelonodontops patoca*, milkspotted puffer, 12 cm SL (Persian Gulf).

© JE Randall, Bishop Museum

*Lagocephalus guentheri*, blackback puffer, 19 cm SL (Gulf of Suez).

© SV Bogorodsky

*Lagocephalus inermis*, smooth puffer, 37 cm SL (Red Sea).

© SV Bogorodsky

*Lagocephalus lunaris*, moontail puffer, 16 cm TL (Kuwait).

© JE Randall, Bishop Museum

Family TETRAODONTIDAE, Puffers, tobies



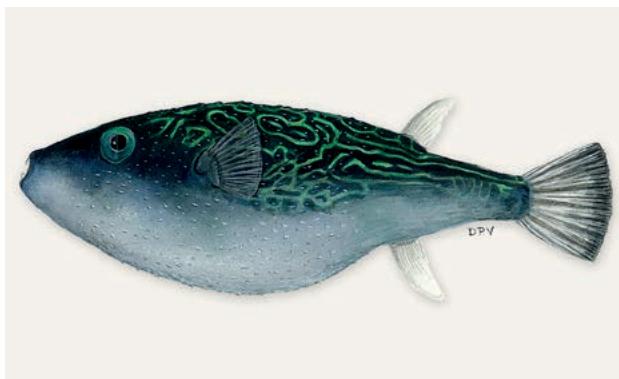
Lagocephalus sceleratus, silverstripe puffer, 29 cm SL (Gulf of Suez).

© SVBegorodsky



Lagocephalus suezensis, Suez puffer, 13 cm TL (Mozambique).

© Avhheim © IMR



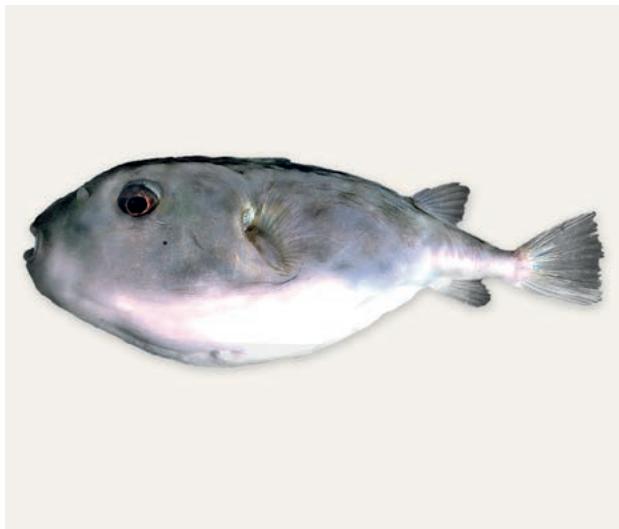
Pelagocephalus marki, rippled puffer, 10 cm SL (South Africa).

Source: SSS



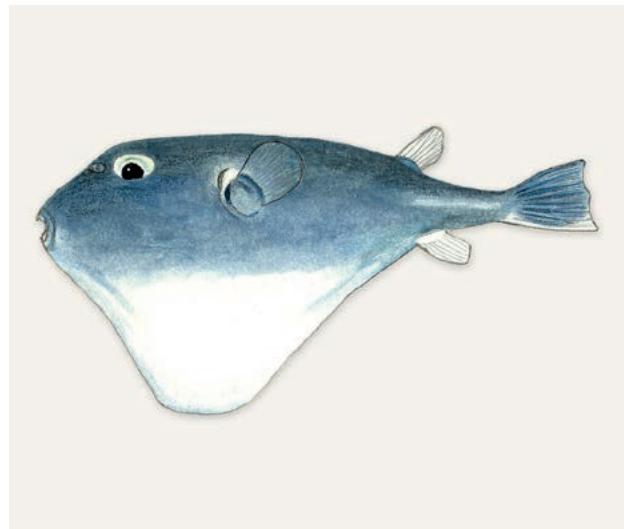
Pelagocephalus marki, rippled puffer, 10 cm SL, dorsal view (Mozambique).

© Avhheim © IMR



Sphoeroides pachygaster, blunthead puffer, 9 cm SL (S Mozambique).

PC Heemstra © NPF-SAVAB



Sphoeroides pachygaster, blunthead puffer, 11 cm SL (Mozambique).

Family TETRAODONTIDAE, Puffers, tobies

*Takifugu oblongus*, lattice puffer, 19 cm SL (Taiwan).

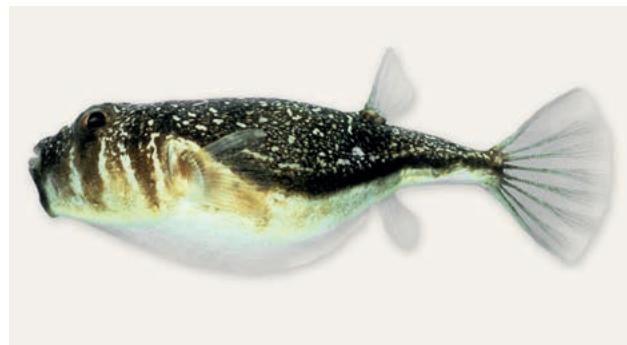
© CY Chen, ASIZ

*Torquigener flavimaculosus*, yellowspotted puffer, 7 cm SL (Seychelles).

© JE Randall, Bishop Museum

*Torquigener flavimaculosus*, yellowspotted puffer (Red Sea).

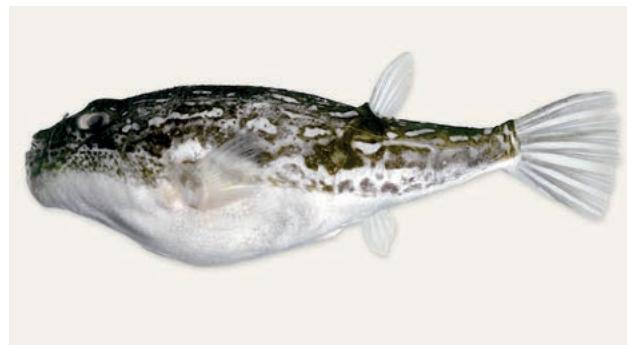
© SV Bogorodsky

*Torquigener hypselogeneion*, darkstriped puffer, 8 cm SL (Japan).

© H Kishimoto

*Torquigener hypselogeneion*, darkstriped puffer, ~2 cm TL, juvenile (Indonesia).

© A Ryanskiy

*Torquigener* sp., 9 cm SL (South Africa). #

PC Heemstra © NRF-SAVAB

*Canthigaster aziz*, Aziz's toby, 20 mm SL, holotype (Red Sea). #

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= no species account

Family DIODONTIDAE, Burrfishes, porcupinefishes



Chilomycterus reticulatus, spotfin burrfish, 26 cm SL (Japan).

© J.E. Randall, Bishop Museum



Cyclichthys orbicularis, birdbeak burrfish, 15 cm SL (Maldives).

© J.E. Randall, Bishop Museum



Cyclichthys spilostylus, spotbase burrfish, 7 cm SL, pelagic juvenile (South Africa).

PC Heemstra © NPF-SAAB



Cyclichthys spilostylus, spotbase burrfish, 23 cm SL, holotype (Gulf of Aqaba).

© J.E. Randall, Bishop Museum



Diodon eydouxii, pelagic porcupinefish (Pacific Ocean).

© R. Robertson



Diodon holocanthus, longspine porcupinefish, 17 cm SL (Easter I.).

© J.E. Randall, Bishop Museum

Family DIODONTIDAE, Burrfishes, porcupinefishes

*Diodon hystrix*, spotfin porcupinefish, 36 cm SL (Gulf of Aqaba).

© JE Randall, Bishop Museum

*Diodon liturosus*, blackblotched porcupinefish, 21 cm SL (Seychelles).

© JE Randall, Bishop Museum

*Diodon liturosus*, blackblotched porcupinefish, 33 cm TL (Gulf of Aden).

© JE Randall, Bishop Museum

*Lophodiodon calori*, blacklip porcupinefish, 27 cm SL (Oman).

© JE Randall, Bishop Museum

Family MOLIDAE, Molas, ocean sunfishes

*Masturus lanceolatus*, sharptail ocean sunfish, 96 cm TL (SW India).

KV Akhilesh © CMFRI

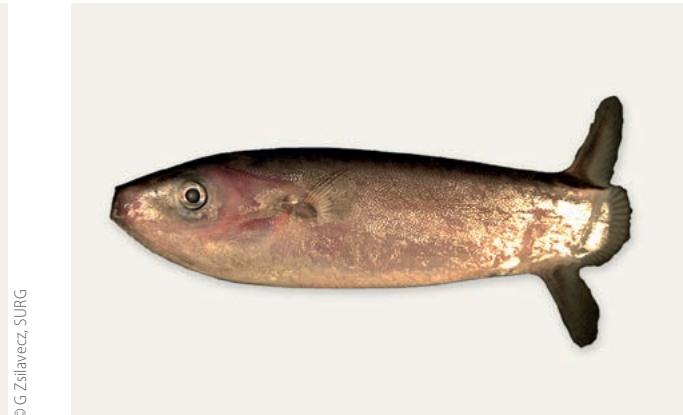
*Mola ?alexandrini*, bump-head sunfish (Red Sea).

© A Ryansky

Family **MOLIDAE**, Molas, ocean sunfishes*Mola ?mola*, 7 cm TL, juvenile (South Africa).*Mola mola*, ocean sunfish, 140 cm TL, adult; 5 cm TL, juvenile (both South Africa).

O Alvheim © IMR

Source: CFSA

*Ranzania laevis*, slender sunfish, ~70 cm TL (South Africa).*Ranzania laevis*, slender sunfish, 10 cm TL, juvenile (Réunion).

O Alvheim © IMR/ASCLME

Family **LATIMERIIDAE**, Coelacanths*Latimeria chalumnae*, coelacanth, 35 cm TL, pup (S Mozambique).*Latimeria chalumnae*, coelacanth (South Africa).

P.C. Heemstra © NRE-SAJAB

© P Timm

