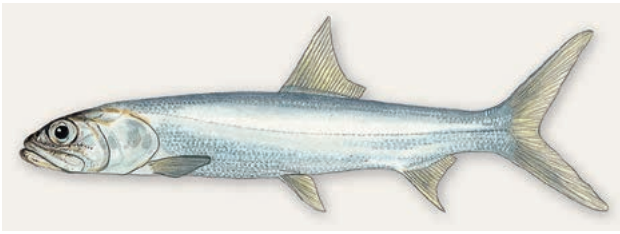


Family **ELOPIDAE**, Ladyfishes



Source: CFSA

*Elops machnata*, ladyfish, ~75 cm TL (South Africa).

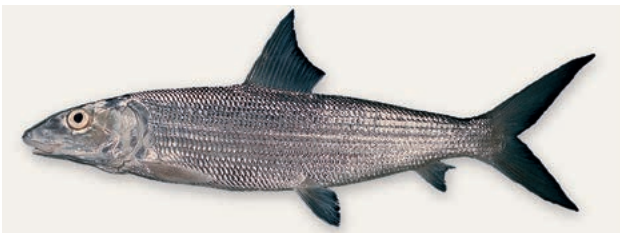
Family **MEGALOPIDAE**, Tarpons



PC Heemstra © NRF-SAIAB

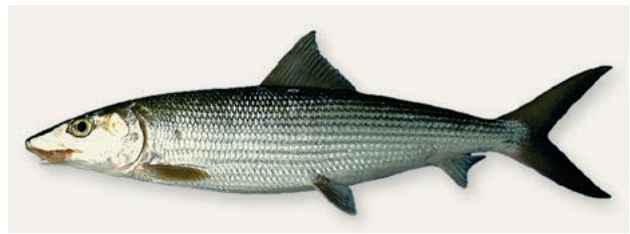
*Megalops cyprinoides*, oxe-eye tarpon, 29 cm SL (Sri Lanka).

Family **ALBULIDAE**, Bonefishes



© JE Randall, Bishop Museum

*Albula glossodonta*, shortjaw bonefish, 33 cm SL (Red Sea).



PC Heemstra © NRF-SAIAB

*Albula oligolepis*, slender bonefish, 44 cm SL (S Mozambique).

Family **MURAENIDAE**, Moray eels



PC Heemstra © NRF-SAIAB

*Anarchias seychellensis*, Seychelles moray, 18 cm TL (South Africa).



Source: CFSA

*Echidna nebulosa*, snowflake moray, 12 cm TL (South Africa).



PC Heemstra © NRF-SAIAB

*Echidna polyzona*, barred moray, 27 cm TL (Seychelles).



© SV Bogorodsky

*Enchelycore bayeri*, bowmouth moray, 17 cm TL (Red Sea).



E Heemstra © NRF-SAIAB

*Enchelycore nycturanus*, night-sky moray, preserved paratype (South Africa).



PC Heemstra © NRF-SAIAB

*Enchelycore pardalis*, dragon moray, 21 cm TL, juvenile (South Africa).

Family **MURAENIDAE**, Moray eels



PC Heemstra © NRF-SAIAB

*Enchelycore pardalis*, dragon moray,  
37 cm TL (Comoros).



© R. Jonkman

*Enchelycore pardalis*, dragon moray,  
(South Africa).



© RWinterbottom, ROM

*Enchelycore schismatorhynchus*,  
funnel-nostril moray, 15 cm TL (Chagos).



© RWinterbottom, ROM

*Enchelynassa canina*, Indo-Pacific viper moray,  
63 cm SL, preserved (Chagos).



© JE Randall, Bishop Museum

*Gymnothorax angusticauda*, narrowtail  
moray, 46 cm TL (Egypt).



© JE Randall, Bishop Museum

*Gymnothorax berndti*, ladder moray,  
50 cm TL (Maldives).



© V Fraser

*Gymnothorax breedeni*, blackcheek moray  
(South Africa).



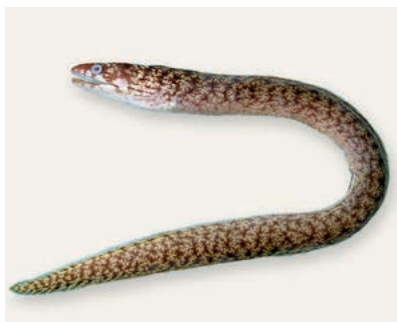
© JE Randall, Bishop Museum

*Gymnothorax buroensis*, latticetail moray,  
16 cm TL (Seychelles).



© SV Bogorodsky

*Gymnothorax buroensis*, latticetail moray,  
27 cm TL (Red Sea).



PC Heemstra © NRF-SAIAB

*Gymnothorax chilospilus*, lipspot moray,  
18 cm TL (Seychelles).



© K Ertler

*Gymnothorax* cf. *chilospilus*, (Tanzania). #



PC Heemstra © NRF-SAIAB

*Gymnothorax* cf. *chilospilus*, 27 cm TL  
(South Africa). #

# = no species account

Family **MURAENIDAE**, Moray eels



© JE Randall, Bishop Museum

*Gymnothorax elegans*, elegant moray, 49 cm TL (Maldives).



PC Heemstra © NRF-SAIAB

*Gymnothorax eurostus*, salt and pepper moray, 26 cm TL (South Africa).



© J Derich

*Gymnothorax favagineus*, honeycomb moray (South Africa).



*Gymnothorax fimbriatus*, darkspotted moray, 30 cm TL (Chagos).



PC Heemstra © NRF-SAIAB

*Gymnothorax flavimarginatus*, yellowmargin moray, 46 cm TL (South Africa).



© JE Randall, Bishop Museum

*Gymnothorax flavoculus*, yellow-eye moray, 15 cm TL (Oman).



© JE Randall, Bishop Museum

*Gymnothorax hepaticus*, liverbrown moray, 35 cm TL (Sudan).



© R Winterbottom, ROM

*Gymnothorax herrei*, small brown moray, 17 cm TL (Vietnam).



© SV Bogorodsky

*Gymnothorax javanicus*, giant moray, juvenile (Red Sea).



© J Swaneypael

*Gymnothorax johnsoni*, whitespotted moray, ~1 m (South Africa).



© JE Randall, Bishop Museum

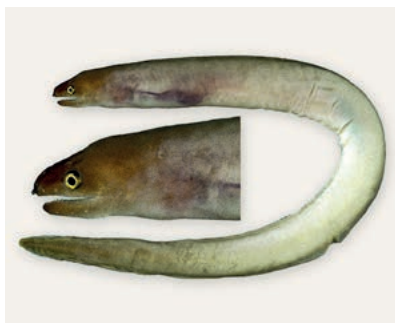
*Gymnothorax johnsoni*, whitespotted moray, 33 cm TL (Gulf of Aqaba).



PC Heemstra © NRF-SAIAB

*Gymnothorax johnsoni*, whitespotted moray, 80+ cm TL (Red Sea).

Family **MURAENIDAE**, Moray eels



© R Winterbottom, ROM

*Gymnothorax kontodontos*, short-tooth moray, 18 cm TL (Comoros).



© JE Randall, Bishop Museum

*Gymnothorax margaritophorus*, blackpearl moray, 36 cm TL (South Africa).



© JE Randall, Bishop Museum

*Gymnothorax megaspilus*, largespot moray, 39 cm TL (Oman).



© O Alviheim, IMR

*Gymnothorax nudivomer*, yellow-mouth moray, 73 cm TL (Soudan Bank).



© NRF-SAIAB

*Gymnothorax parini*, lichen moray (Walters Shoals).



© A Dyer, NRF-SAIAB

*Gymnothorax parini*, lichen moray, 67 cm TL (Walters Shoals).



© JE Randall, Bishop Museum

*Gymnothorax phasmatodes*, ghost moray, 44 cm TL (Saudi Arabia).



© M Broodryk

*Gymnothorax phasmatodes*, ghost moray (South Africa).



© JE Randall, Bishop Museum

*Gymnothorax pictus*, peppered moray, 51 cm TL (Seychelles).



© SV Bogorodsky

*Gymnothorax pindae*, Pinda moray, 21 cm TL (Red Sea).



© JE Randall, Bishop Museum

*Gymnothorax polyuranodon*, freshwater moray, 56 cm TL (Vanuatu).



© SV Bogorodsky

*Gymnothorax pseudoherrei*, false brown moray, 19 cm TL; head of 17-cm-TL specimen (both Red Sea).

Family **MURAENIDAE**, Moray eels



© JE Randall, Bishop Museum

*Gymnothorax pseudothyrsoides*, false spotted moray, 46 cm TL (W India).



© JE Randall, Bishop Museum

?*Gymnothorax punctatus*, dotted moray (Red Sea).



© SV Bogorodsky

*Gymnothorax randalli*, broken bars moray, ~40 cm TL (Red Sea).



© SV Bogorodsky

*Gymnothorax reticularis*, decorated moray, 36 cm TL (Red Sea).



© R Winterbottom, ROM

*Gymnothorax richardsonii*, spotted-lip moray, 14 cm TL (Philippines).



PC Heemstra © NRF-SAIAB

*Gymnothorax robinsi*, dwarf moray, 13 cm TL (S Mozambique).



© JE Randall, Bishop Museum

*Gymnothorax robinsi*, dwarf moray, 10 cm TL (Maldives).



© JE Randall, Bishop Museum

*Gymnothorax thyrsoides*, white-eyed moray, 32 cm TL (Malaysia).



© JE Randall, Bishop Museum

*Gymnothorax undulatus*, undulated moray, 21 cm TL (Mauritius).



© JE Randall, Bishop Museum

*Gymnothorax undulatus*, undulated moray, 75 cm TL (Red Sea).



A Götz © NRF-SAEON

*Gymnothorax elaineheemstrae*, leopard moray, 64 cm TL (South Africa). #



PC Heemstra © NRF-SAIAB

*Gymnothorax elaineheemstrae*, leopard moray (South Africa). #

# = no species account

Family **MURAENIDAE**, Moray eels



© Olvheim © IMR

*Gymnothorax ypsilon*, Y-barred moray, 68 cm TL (Mascarene Ridge).



© PC Heemstra © NRF-SAIAB

*Monopenchelys acuta*, redface moray, 15 cm TL (Mauritius).



© SY Bogorodsky

*Muraena helena*, Mediterranean moray (Aegean Sea).



© V Fraser

*Pseudechidna brummeri*, white ribbon moray (S Mozambique).



© S Polack

*Rhinomuraena quaesita*, ribbon moray, ?female (Indonesia).



© M Fraser

*Rhinomuraena quaesita*, ribbon moray, male (South Africa).



© JE Randall, Bishop Museum

*Rhinomuraena quaesita*, ribbon moray, juvenile (Mauritius).



© JE Randall, Bishop Museum

*Scuticaria okinawae*, shorttailed snake moray (Hawaii).



© PC Heemstra © NRF-SAIAB

*Scuticaria tigrina*, leopard reef-eel, 51 cm TL (Seychelles).



© K-T Shao, ASIZ

*Strophidon sathete*, slender giant moray, 28 cm TL (Taiwan).



© JE Randall, Bishop Museum

*Uropterygius alboguttatus*, white-spotted reef-eel, 32 cm TL (Seychelles).



© PC Heemstra © NRF-SAIAB

*Uropterygius alboguttatus*, white-spotted reef-eel, 21 cm TL (Seychelles).

Family **MURAENIDAE**, Moray eels



© SV Bogorodsky

*Uropterygius concolor*, unicolor snake moray, 16 cm TL; head of 15-cm-TL specimen (both Eritrea).



© SV Bogorodsky

*Uropterygius concolor*, unicolor snake moray (Red Sea).



© D. Golani, HUJ

*Uropterygius genie*, toothy snake moray, 18 cm TL, preserved holotype (Red Sea).



© JE Randall, Bishop Museum

*Uropterygius fuscoguttatus*, brown-spotted reef-eel, 18 cm TL (Comoros).



R. Billis © NRF-SAIAB

*Uropterygius marmoratus*, marbled reef-eel, 49 cm TL (N Mozambique).



PC Heemstra © NRF-SAIAB

*Uropterygius kamar*, bar-lip reef-eel, 21 cm TL (South Africa).



DG Smith © Smithsonian Institution

*Uropterygius macrocephalus*, longhead reef-eel, 14 cm TL (Gulf of Aqaba).



© K. Hatooka

*Uropterygius micropterus*, short-finned reef-eel, 24 cm TL (Japan).



© SV Bogorodsky

*Uropterygius nagoensis*, blotchy reef-eel, 71 cm TL (Red Sea).



© JE Randall, Bishop Museum

*Uropterygius polyspilus*, large-spotted reef-eel, 45 cm TL (Johnston Atoll).



© SV Bogorodsky

*Uropterygius polyspilus*, large-spotted reef-eel (Red Sea).



© JE Randall, Bishop Museum

*Uropterygius supraforatus*, many-toothed reef-eel, 20.1 cm TL (Midway I.).



PC Heemstra © NRF-SAIAB

*Uropterygius supraforatus*, many-toothed reef-eel, 30 cm TL (Comoros).



© R Winterbottom, ROM

*Uropterygius xanthopterus*, yellowtail snake moray, 19 cm TL (Comoros).

Family **MURAENIDAE**, Moray eels

- 1 *Enchelynassa canina*, Indo-Pacific viper moray (Australia). 2 *Gymnothorax angusticauda*, narrowtail moray, 49 cm TL (Gulf of Aqaba). 3 *Gymnothorax enigmaticus*, black barred moray, 38 cm TL (Cocos [Keeling] Is.). 4 *Gymnothorax eurostus*, salt and pepper moray, 26 cm TL (South Africa). 5 *Gymnothorax favagineus*, honeycomb moray, (a) 55 cm TL (Mozambique),\* (b) 23 cm TL (South Africa). 6 *Gymnothorax flavimarginatus*, yellowmargin moray, 40 cm TL (South Africa). 7 *Gymnothorax fuscomaculatus*, brownspotted moray, 13 cm TL (Comoros). 8 *Gymnothorax melatremus*, golden dwarf moray, (a) 15 cm TL, (b) 21 cm TL (both South Africa). 9 *Gymnothorax meleagris*, whitemouth moray, 61 cm TL (Comoros). 10 *Gymnothorax rueppelliae*, banded moray, 16 cm TL (Mauritius).

\* Source: CFSA



Family **MURAENIDAE**, Moray eels

**1** *Gymnothorax baranesi*, Aqaba moray, ~76 cm TL (Red Sea). **2** *Gymnothorax chilospilus*, lipspot moray, 20 cm TL (South Africa).\*  
**3** *Gymnothorax flavoculus*, yellow-eye moray, 40 cm TL (Oman). **4** *Gymnothorax intesi*, reticulate moray, 94 cm TL (Kiribati). **5** *Gymnothorax javanicus*, giant moray, **(a)** 16 cm TL (Red Sea), **(b)** 55 cm TL (Indonesia). **6** *Gymnothorax megaspilus*, largespot moray, 39 cm TL (Oman). **7** *Gymnothorax phasmatodes*, ghost moray, 42 cm TL (Oman). **8** *Gymnothorax pseudoherrei*, false brown moray, 30 cm TL (Oman). **9** *Gymnothorax pseudothyrsoides*, false spotted moray, 36 cm TL (Oman).

\* Source: CFSA

Family **MURAENIDAE**, Moray eels

- 1 *Gymnothorax buroensis*, latticetail moray, 14 cm TL (Comoros). 2 *Gymnothorax griseus*, geometric moray, 26 cm TL (Comoros).\*  
 3 *Gymnothorax johnsoni*, whitespotted moray, 24 cm TL (Gulf of Aqaba). 4 *Gymnothorax margaritophorus*, blackpearl moray, 25 cm TL (South Africa).  
 5 *Gymnothorax nudivomer*, yellow-mouth moray, (a) 32 cm TL, (b) head of a larger specimen (both South Africa). 6 *Gymnothorax pictus*, peppered moray, 51 cm TL (Seychelles). 7 *Gymnothorax pikei*, Pike's moray, 77 cm TL (Mauritius). 8 *Gymnothorax pindae*, Pinda moray, 16 cm TL (Rodrigues).  
 9 ?*Gymnothorax punctatus*, dotted moray, 82 cm TL (Red Sea). 10 *Gymnothorax zonipectis*, barred-fin moray, (a) 16 cm TL, (b) 6 cm TL (both South Africa).  
 11 *Gymnothorax* sp., 32 cm TL (South Africa). #

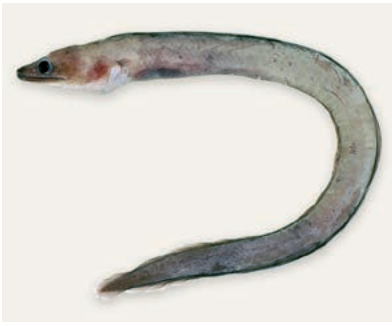
# = no species account \* Source: CFSA

Family **MURAENIDAE**, Moray eels

1 *Gymnothorax hansii*, short-tail chestnut moray, 101 cm TL, holotype (Comoros). 2 *Gymnothorax monochrous*, monochrome moray, 72 cm TL (Japan). 3 *Gymnothorax monostigma*, one-spot moray, 29 cm TL (Marquesas Is.). 4 *Gymnothorax pictus*, peppered moray, 18 cm TL (Chagos). 5 *Gymnothorax randalli*, broken bars moray, 33 cm TL (Indonesia). 6 *Gymnothorax sokotrensis*, Socotra moray, 45 cm TL, holotype (Socotra; colour from Kotthaus 1968). 7 *Gymnothorax thyroideus*, white-eyed moray, 32 cm TL (Malaysia). 8 *Gymnothorax undulatus*, undulated moray, 26 cm TL (Chagos). 9 *Gymnothorax* sp., 47 cm TL (Red Sea). # 10 *Scuticaria tigrina*, leopard reef-eel, 113 cm TL (Mauritius).

# = no species account

Family **CHLOPSIDAE**, False morays



K Tighe © Smithsonian Institution

*Boehlkenchelys longidentata*, longtoothed false moray (WIO).



© S Tränkner, SMF

*Kaupichthys atronusus*, black-nostril false moray, 8 cm TL (Red Sea).



© JE Randall, Bishop Museum

*Kaupichthys atronusus*, black-nostril false moray, 15 cm TL (Red Sea).



PC Heemstra © NRF-SAIAB

*Kaupichthys hyoproridae*, false moray, 12 cm SL (Rodrigues).



*Robinsia catherinae*, Catherine's false moray, ~20 cm TL (composite; Kenya; colour sourced from Kotthaus 1968).



K Tighe © Smithsonian Institution

*Xenoconger fryeri*, Fryer's false moray (Aldabra).

Family **MORINGUIDAE**, Spaghetti eels



© JE Randall, Bishop Museum

*Moringua* sp., spaghetti eel, 23 cm TL, mature specimen, probably male (Kenya).



PC Heemstra © NRF-SAIAB

*Moringua* sp., spaghetti eel, 36 cm TL, immature specimen, probably female (Rodrigues).

Family **ANGUILLIDAE**, Freshwater eels



Source: Skelton 1993

*Anguilla bengalensis*, African mottled eel, 78 cm TL (South Africa).



Source: Skelton 1993

*Anguilla bicolor*, shortfin eel, 36 cm TL (South Africa).



Source: Skelton 1993

*Anguilla marmorata*, Madagascar mottled eel, ~37 cm TL (South Africa).



Source: Skelton 1993

*Anguilla mossambica*, African longfin eel, 35 cm TL (South Africa).

Family **CONGRIDAE**, Congers, garden eels



© D Pelicier

*Ariosoma fasciatum*, barred sand conger (Mauritius).



© JE Randall, Bishop Museum

*Ariosoma sanzoi*, slender ariosoma, 19 cm TL (Red Sea).



© SV Bogorodsky

*Ariosoma sanzoi*, slender ariosoma (Red Sea).



© A Ryanskiy

*Ariosoma scheelei*, dwarf ariosoma (Philippines).



© V Fraser

*Conger cinereus*, moustache conger (S Mozambique).



© JE Randall, Bishop Museum

*Conger cinereus*, moustache conger, 52 cm TL (Sudan).

Family **CONGRIDAE**, Congers, garden eels



Source: CFSA

*Conger* sp., giant conger, 49 cm TL (Gough I.).



O Alvheim © IMR

*Gnathopis capensis*, southern conger, 33 cm TL (S Namibia).



© RW Leslie

*Gnathopis capensis*, southern conger, 36 cm TL (South Africa).



© D Pelicier

*Gorgasia klausewitzii*, fringe-jaw garden eel (Mauritius).



© JE Randall, Bishop Museum

*Gorgasia maculata*, freckled garden eel, 43 cm TL (Maldives).



© JE Randall, Bishop Museum

*Gorgasia preclara*, banded garden eel, 13 cm TL (Maldives).



© SV Bogorodsky

*Gorgasia sillneri*, speckled garden eel (Red Sea).



PC Heemstra © NRF-SAIAB

*Gorgasia sillneri*, speckled garden eel, 72 cm TL (Gulf of Aqaba).



© JE Randall, Bishop Museum

*Heteroconger balteatus*, orange-spotted garden eel, 35 cm TL (Red Sea).



© R Winterbottom, ROM

*Heteroconger hassi*, black-blotched garden eel, 39 cm TL (South Africa).



© D Golani, HUJ

*Rhynchoconger trewavasae*, 56 cm TL (Red Sea). #

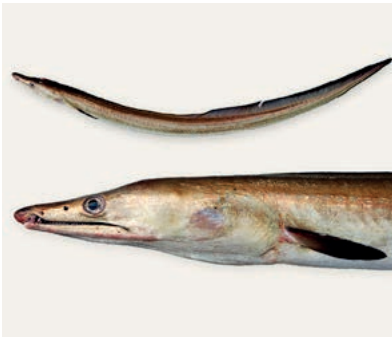


© SV Bogorodsky

*Uroconger* sp., longtail conger, 40 cm TL (Red Sea).

# = no species account

Family **MURAENESOCIDAE**, Pike congers



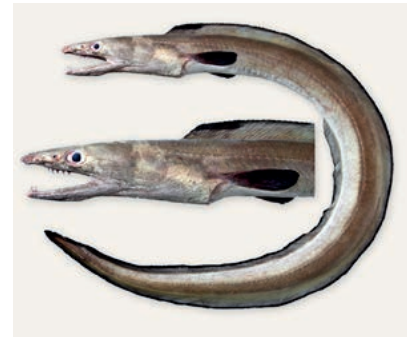
© Alvrheim © IMR

*Muraenox bagio*, common pike conger, 120 cm TL (Mozambique).



© JE Randall, Bishop Museum

*Muraenox cinereus*, daggertooth pike conger, 41 cm TL (Kuwait).



© SV Bogorodsky

*Muraenox cinereus*, daggertooth pike conger, 50 cm TL (Red Sea).

Family **MYROCONGRIDAE**, Slope eels



© E Karmovskaya

*Myroconger seychellensis*, Seychelles slope eel, 45 cm TL, mature female (Seychelles).

Family **SYNAPHOBRANCHIDAE**, Cutthroat eels



© H-C Ho, NMMB-P

*Dysomma anguillare*, shortbelly eel, ~30 cm TL (Taiwan).



© H-C Ho, NMMB-P

*Dysomma anguillare*, shortbelly eel, 37 cm TL (Taiwan).



© H-C Ho, NMMB-P

*Dysomma dolichosomatum*, 23 cm TL (Taiwan).



© H-C Ho, NMMB-P

*Dysomma dolichosomatum*, 27 cm TL (Taiwan).



© H-C Ho, NMMB-P

*Dysomma polycatodon*, 33 cm TL (Taiwan).

Family **OPHICHTHIDAE**, Snake-eels, sand-eels, worm-eels



© JE Randall, Bishop Museum

*Apterichtus flavicaudus*, yellowtail sand-eel, 32 cm TL (Hawaii).



© R Winterbottom, ROM

*Apterichtus klazingai*, sharpsnout sand-eel, 18 cm TL (Fiji).



© H-C Ho, NMIMB-P

*Bascanichthys kirkii*, longtailed sand-eel, 35 cm TL (Taiwan).



© JE Randall, Bishop Museum

*Brachysomophis cirrocheilos*, smudged snake-eel, 125 cm TL (Indonesia).



© A Ryanskiy

*Brachysomophis cirrocheilos*, smudged snake-eel (Indonesia).



PC Heemstra © NIRF-SAIAB

*Brachysomophis crocodilinus*, crocodile snake-eel, 44 cm TL (Rodrigues).



© A Ryanskiy

*Brachysomophis henshawi*, reptilian snake-eel (Indonesia).



© JE Randall, Bishop Museum

*Brachysomophis henshawi*, reptilian snake-eel, 78 cm TL (Oman).



© JE Randall, Bishop Museum

*Callechelys catostoma*, blackstriped snake-eel, 54 cm TL (Marshall Is.).



PC Heemstra © NIRF-SAIAB

*Callechelys marmorata*, marbled snake-eel, 10 cm TL (Seychelles).



© SV Bogorodsky

*Callechelys marmorata*, marbled snake-eel (Red Sea).



© JE Randall, Bishop Museum

*Callechelys marmorata*, marbled snake-eel, 32 cm TL (Maldives).



Family **OPHICHTHIDAE**, Snake-eels, sand-eels, worm-eels

© JE Randall, Bishop Museum

*Cirrhimuraena playfairii*, fringelip snake-eel, 24 cm TL (South Africa).



© H-C Ho, NMMP-P

*Echelus uropterus*, harelip snake-eel, 33 cm TL (Taiwan).



© JE Randall, Bishop Museum

*Ichthyapus vulturis*, vulture sand-eel, 21 cm TL (Hawaii).



© JE Randall, Bishop Museum

*Lamnostoma orientale*, oriental snake-eel, 21 cm TL (Indonesia).



© JE Randall, Bishop Museum

*Leiuranus semicinctus*, halfbanded snake-eel, 42 cm TL (Maldives).



© ST Fennessy, ORU/SAAMBR

*Luthulenchelys heemstraorum*, bigeye snake-eel, 47 cm TL, holotype (South Africa).



© SV Bogorodsky

*Muraenichthys schultzei*, bluntnose worm-eel, 9 cm TL (Eritrea).



© JE Randall, Bishop Museum

*Myrichthys colubrinus*, ringed snake-eel, 41 cm TL (Maldives).



© JE Randall, Bishop Museum

*Myrichthys maculosus*, spotted snake-eel, 44 cm TL (Mauritius).



© SV Bogorodsky

*Myrophis microchir*, olive worm-eel, 7 cm TL (Saudi Arabia).



© H-C Ho, NMMP-P

*Neeenchelys buitendijki*, fintail worm-eel, 24 cm TL (Malaysia).



© H-C Ho, NMMP-P

*Neeenchelys cheni*, backfin worm-eel, 35 cm TL (Vietnam).

Family **OPHICHTHIDAE**, Snake-eels, sand-eels, worm-eels



© J.E.Randall, Bishop Museum

*Ophichthus altipennis*, highfin snake-eel, 46 cm TL, subadult (Marshall Is.).



© J.E.Randall, Bishop Museum

*Ophichthus altipennis*, highfin snake-eel, 103 cm TL, adult (Indonesia).



© R. Winterbottom, ROM

*Ophichthus apicalis*, bluntnose snake-eel, 45 cm TL (Vietnam).



© A. Ryansky

*Ophichthus bonaparti*, brownsaddled snake-eel (Indonesia).



© A. Ryansky

*Ophichthus bonaparti*, brownsaddled snake-eel (Philippines).



© J.E.Randall, Bishop Museum

*Ophichthus cephalozona*, darkshoulder snake-eel, 112 cm TL (Fiji).



© A. Ryansky

*Ophichthus cephalozona*, darkshoulder snake-eel (Philippines).



© AR Thorpe

*Ophichthus erabo*, blotched snake-eel, 61 cm TL (South Africa).



© P-F Lee, C-YTsay, ASZ

*Ophichthus macrochir*, bigfin snake-eel, 33 cm SL (Taiwan).



O. Alvhaim © IMR

*Ophichthus marginatus*, plain snake-eel, 80 cm TL (Mozambique).



Source: SSF

*Ophichthus polyophthalmus*, many-eyed snake-eel, 50 cm TL (S Mozambique).



© A. Ryansky

*Ophichthus polyophthalmus*, many-eyed snake-eel (Indonesia).

Family **OPHICHTHIDAE**, Snake-eels, sand-eels, worm-eels

© R Winterbottom, ROM

*Ophisurus serpens*, serpent snake-eel, 27 cm TL (Comoros).

PC Heemstra © NRF-SAIAB

*Phyllophichthus xenodontus*, flapnose snake-eel, 28 cm TL (Rodrigues).

PC Heemstra © NRF-SAIAB

*Phyllophichthus xenodontus*, flapnose snake-eel, 22 cm TL (Seychelles).

O AMheim © IMR

*Pisodonophis boro*, estuary snake-eel, 7 cm TL (Mozambique).

© GR Allen

*Pisodonophis cancrivorus*, longfin snake-eel (Indonesia).

© R Winterbottom, ROM

*Schismorhynchus labialis*, splitsnout worm-eel, 7 cm TL (Chagos).

© R Winterbottom, ROM

*Schultzidia johnstonensis*, tinyteeth worm-eel, 7 cm TL (Chagos).

© Y Hibino, FRLM

*Schultzidia retropinnis*, velvet-tooth worm-eel, 10 cm TL (Palau).

© SV Bogorodsky

*Scolecenchelys erythraensis*, pale worm-eel, 14 cm TL (Red Sea).

© RE Stobbs

*Scolecenchelys gymnota*, slender worm-eel, 9 cm SL (South Africa).

© SV Bogorodsky

*Scolecenchelys laticaudata*, redfin worm-eel, 14 cm TL (Red Sea).

Family **OPHICHTHIDAE**, Snake-eels, sand-eels, worm-eels



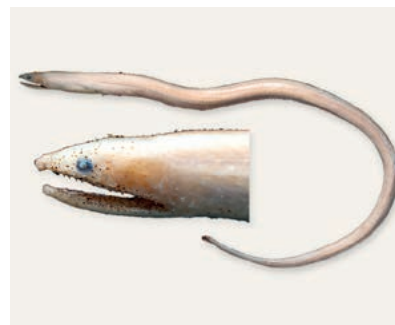
© A Ryansky

*Scolecenchelys macroptera*, longfin worm-eel (Philippines).



E Heemstra © NRF-SAIAB

*Scolecenchelys xorae*, orangeheaded worm-eel, 25 cm TL, preserved specimen (South Africa).



© Y Hibino, FRLM

*Skythrenchelys macrostoma*, large-mouthed angry worm-eel, 17 cm TL, holotype of *S. lentiginosa* (Red Sea).



© H-C Ho, NMMP-P

*Skythrenchelys zabra*, glutinous worm-eel, ~30 cm TL (Taiwan).



© GR Allen

*Xestochilus nebulosus*, cloudy sand-eel (Indonesia).



© H-C Ho, NMMP-P

*Xyrias revulsus*, freckled snake-eel, 74 cm TL (Taiwan).



© H-C Ho, NMMP-P

*Yirkala misolensis*, Misol sand-eel, 48 cm TL (Taiwan).



PC Heemstra © NRF-SAIAB

*Yirkala tenuis*, thin sand-eel, 32 cm TL (Seychelles).

Family **CLUPEIDAE**, Herrings, sardines, pilchards, shads

© AA Mary

*Amblygaster indiana*, Indian sardinella, 21 cm SL (SW India).

© S Kimura, FRLM

*Amblygaster leiogaster*, smoothbelly sardinella, 18 cm SL (Indonesia).

© SV Bogorodsky

*Amblygaster sirm*, gold-spotted sardinella (Red Sea).

© JE Randall, Bishop Museum

*Anodontostoma chacunda*, Chacunda gizzard shad, 11 cm SL (W India).

© JE Randall, Bishop Museum

*Dussumieria acuta*, rainbow sardine, 11 cm SL (Oman).

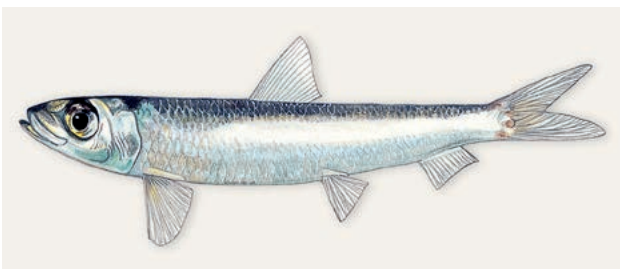
© Alvheim © IMR

*Dussumieria elopsoides*, slender rainbow sardine, 17 cm TL (Mozambique).

© JE Randall, Bishop Museum

*Escualosa thoracata*, white sardine, 8 cm SL (W India).

© D Darom, HJ

*Etrumeus golanii*, Red Sea roundherring, 21 cm SL (Cyprus).

Source: CFS

*Etrumeus whiteheadi*, redeye roundherring, 22 cm TL (South Africa).

© S Chater, ORI/SAAMBR

*Etrumeus wongratanaei*, east-coast roundherring, 17 cm SL, holotype (South Africa).

Family **CLUPEIDAE**, Herrings, sardines, pilchards, shads



Source: CFSA

*Gilchristella aestuaria*, estuarine roundherring, 4 cm TL (South Africa).



© JE Randall, Bishop Museum

*Herklotsichthys lossei*, Gulf herring, 7 cm SL (Persian/Arabian Gulf).



© SV Bogorodsky

*Herklotsichthys quadrimaculatus*, bluestripe herring, 10 cm SL (Red Sea).



PC Heemstra © NRF-SAIAB

*Hilsa kelee*, kelee shad, 12 cm SL (S Mozambique).



© JE Randall, Bishop Museum

*Nematalosa arabica*, Arabian gizzard shad, 14 cm SL (Oman).



© JE Randall, Bishop Museum

*Nematalosa nasus*, Bloch's gizzard shad, 16 cm SL (Bahrain).



PC Heemstra © NRF-SAIAB

*Sardinella albella*, white sardinella, 13 cm SL (S Mozambique).



© S Kimura, FRLM

*Sardinella fimbriata*, fringescale sardinella, 14 cm SL (Thailand).



© JE Randall, Bishop Museum

*Sardinella gibbosa*, goldstripe sardinella, 9 cm SL (Bahrain).



© JE Randall, Bishop Museum

*Sardinella longiceps*, Indian oil sardine, 14 cm SL (SW India).

Family **CLUPEIDAE**, Herrings, sardines, pilchards, shads



© S Kimura, FRLM

*Sardinella melanura*, blacktip sardinella, 6 cm SL (Japan).



© HB Osmany

*Sardinella sindenensis*, Sind sardinella, ~16 cm SL (Pakistan).



Source: CFSA

*Sardinops sagax*, pilchard, 18 cm TL (South Africa).



© JE Randall, Bishop Museum

*Spratelloides delicatulus*, delicate roundherring, 4 cm SL (Oman).



© S Kimura, FRLM

*Spratelloides gracilis*, silver-stripe roundherring, 7 cm SL (Japan).



R Bills © NRF-SIAB

*Spratellomorpha bianalis*, two-finned roundherring, ~4 cm SL (Madagascar).



© JE Randall, Bishop Museum

*Tenulosa ilisha*, Hilsa shad, 22 cm SL (Kuwait).



© JE Randall, Bishop Museum

*Tenulosa toli*, toli shad, 21 cm SL (SW India).

Family **PRISTIGASTERIDAE**, Ilishas



© JE Randall, Bishop Museum

*Ilisha compressa*, thin ilisha, 23 cm SL (Persian/Arabian Gulf).



© S Rattmuangkhwang, ACRSD

*Ilisha megaloptera*, bigfin ilisha, 12 cm SL (Thailand).

Family **PRISTIGASTERIDAE**, Ilishas



© JE Randall, Bishop Museum

*Lisha sirishai*, lobejaw ilisha, 28 cm TL (Oman).



© S Rattmuangkhwang, ACRESD

*Opisthopterus tardoore*, tardoore, 9 cm SL (Thailand).



O Alvhelm © IMR

*Pellona ditchela*, Indian pellona, 12 cm TL (Mozambique).

Family **ENGRAULIDAE**, Anchovies



© S Kimura, FRLM

*Coilia dussumieri*, gold-spotted grenadier anchovy, 12 cm SL (Malaysia).



© S Kimura, FRLM

*Coilia grayii*, Gray's grenadier anchovy, 15 cm SL (Vietnam).



© S Kimura, FRLM

*Encrasicholina devisi*, De Vis's anchovy, 5 cm SL (Philippines).



© S Kimura, FRLM

*Encrasicholina heteroloba*, shorthead anchovy, 7 cm SL (Indonesia).



© JE Randall, Bishop Museum

*Encrasicholina punctifer*, buccaneer anchovy, 6 cm SL (Persian/Arabian Gulf).



PC Heemstra © NRF-SAIAB

*Engraulis capensis*, Cape anchovy, 13 cm SL (Mozambique).

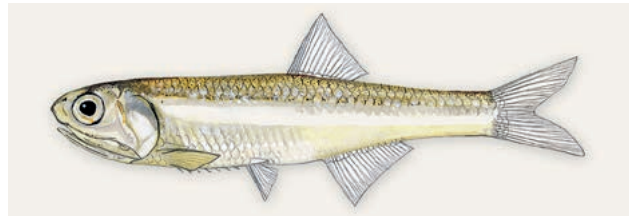


Family **ENGRAULIDAE**, Anchovies



© JE Randall, Bishop Museum

*Stolephorus commersonii*, Commerson's anchovy, 9 cm SL (W India).



Source: CFSA

*Stolephorus holodon*, thorny anchovy, 8 cm TL.



PC Heemstra © NRP-SANAB

*Stolephorus indicus*, Indian anchovy, 12 cm SL (Mozambique).



© S Kimura, FRLM

*Stolephorus insularis*, Hardenberg's anchovy, 10 cm SL (Thailand).



© S Kimura, FRLM

*Stolephorus waitei*, spotty-face anchovy, 7 cm SL (Indonesia).



© JE Randall, Bishop Museum

*Thryssa baelama*, Baelama anchovy, 10 cm SL (Sudan).



© S Kimura, FRLM

*Thryssa dussumieri*, Dussumier's anchovy, 5 cm SL (Vietnam).



© JE Randall, Bishop Museum

*Thryssa hamiltonii*, Hamilton's anchovy, 18 cm SL (Kuwait).



© P Devarapalli, MSNDC

*Thryssa malabarica*, Malabar anchovy, 11 cm SL (India).



© S Kimura, FRLM

*Thryssa mystax*, moustached anchovy, 8 cm SL (Vietnam).



© JE Randall, Bishop Museum

*Thryssa polybranchialis*, humphead anchovy, 13 cm SL (W India).



© Alvein © IMR

*Thryssa setirostris*, long-jaw anchovy, 11 cm TL (Mozambique).

Family **ENGRAULIDAE**, Anchovies



© Alvheim © IMR

*Thyssa vitirostris*, orange-mouth anchovy, 13 cm TL and 18 cm TL (Mozambique).



© JE Randall, Bishop Museum

*Thyssa whiteheadi*, Whitehead's anchovy, 21 cm SL (Persian/Arabian Gulf).

Family **CHIROCENTRIDAE**, Wolf-herrings



© JE Randall, Bishop Museum

*Chirocentrus dorab*, black-edged wolf-herring, 34 cm SL (SW India).



PC Heemstra © NRF-SAAB

*Chirocentrus nudus*, pale-fin wolf-herring, 32 cm SL (Mozambique).

Family **GONORYNCHIDAE**, Beaked sandfishes



© Alvheim © IMR

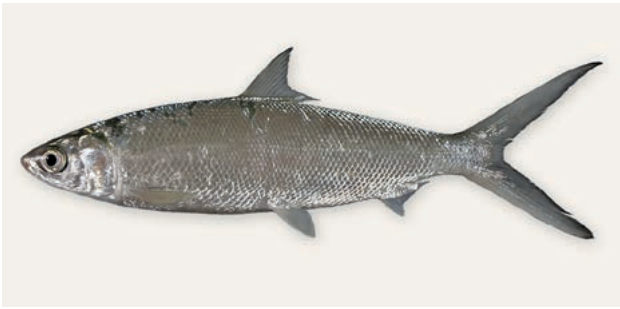
*Gonorynchus gonorynchus*, beaked sandfish, 26 cm TL (Mozambique).



© Alvheim © IMR

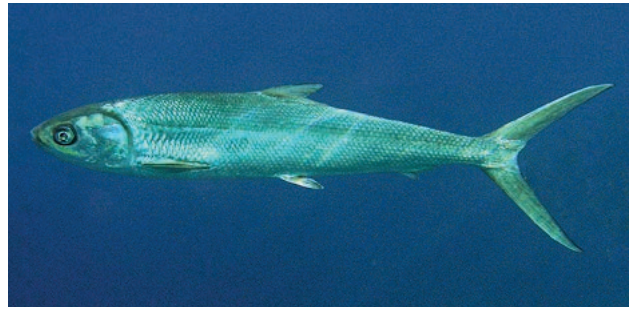
*Gonorynchus gonorynchus*, beaked sandfish, 34 cm TL (Mozambique).

Family **CHANIDAE**, Milkfish



© SY Bogorodsky

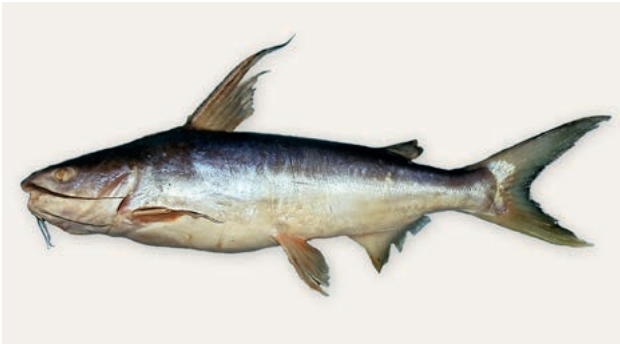
*Chanos chanos*, milkfish, 29 cm SL (Qatar).



© SY Bogorodsky

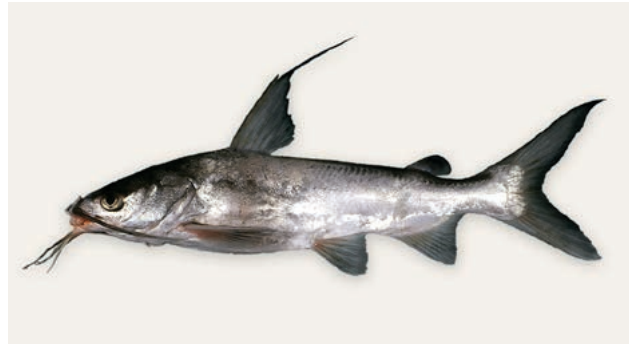
*Chanos chanos*, milkfish (Red Sea).

Family **ARIIDAE**, Sea catfishes



© HB Osmary

*Arius arius*, threadfin sea catfish, 20 cm SL (Pakistan).



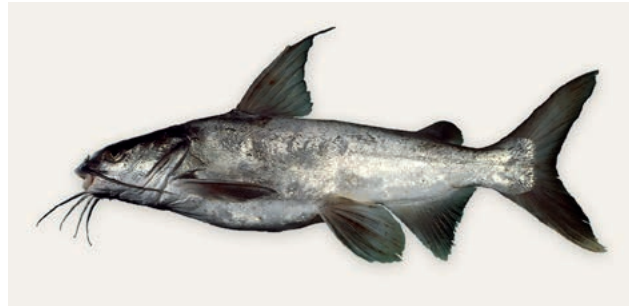
© JE Randall, Bishop Museum

*Arius jella*, blackfin sea catfish, 17 cm SL (W India).



SJ Raredon © Smithsonian Institution

*Arius macronotacanthus*, large-spined sea catfish, 30 cm SL (India).



© JE Randall, Bishop Museum

*Arius maculatus*, spotted sea catfish, 19 cm SL (SW India).



© R Bétancur-R

*Arius nenga*, Nenga sea catfish (Indonesia).



© HB Osmary

*Batrachcephalus mino*, frog-headed catfish, 27 cm SL (Pakistan).

Family **ARIIDAE**, Sea catfishes



PC Heemstra © NRF-SAIAB

*Galeichthys ater*, black sea catfish, 14 cm SL (South Africa).



PC Heemstra © NRF-SAIAB

*Galeichthys feliceps*, white sea catfish, 25 cm FL (South Africa).



O Alvheim © IMR

*Galeichthys feliceps*, white sea catfish, 34 cm TL (South Africa).



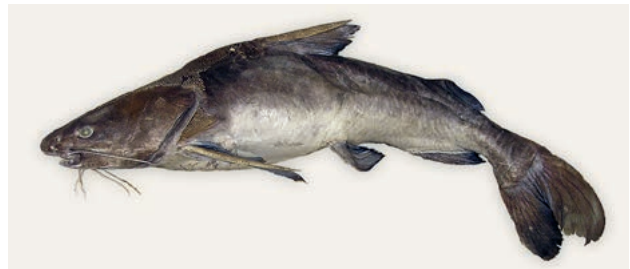
PC Heemstra © NRF-SAIAB

*Galeichthys troworum*, Natal sea catfish, 35 cm SL, paratype (South Africa).



PC Heemstra © NRF-SAIAB

*Galeichthys troworum*, Natal sea catfish (South Africa).



© RWBR

*Hemiarus sona*, Sona sea catfish, 48 cm SL (Singapore).



© R Betancur-R

*Hexanematichthys sagor*, Sagor sea catfish (Indonesia).



© S Rátmuangkhwang, ACRSD

*Hexanematichthys sagor*, Sagor sea catfish, 11 cm SL (Thailand).



O Alvheim © IMR

*Netuma bilineata*, bronze sea catfish, 23 cm TL (Myanmar).



*Netuma bilineata*, bronze sea catfish (Yemen).

Family **ARIIDAE**, Sea catfishes

© J.E. Randall, Bishop Museum

*Netuma thalassina*, giant sea catfish, 19 cm SL (Persian/Arabian Gulf).

© S.V. Bogorodsky

*Netuma thalassina*, giant sea catfish, 21 cm SL (Red Sea).

© R. Betancur-R

*Osteogeneiosus militaris*, soldier catfish (Indonesia).

© Avnheim © IMR

*Plicofollis dussumieri*, blacktip sea catfish, 21 cm TL (N Mozambique).

© J.E. Randall, Bishop Museum

*Plicofollis layardi*, thin-spine sea catfish, 16 cm SL (Persian/Arabian Gulf).

© R. Betancur-R

*Plicofollis tonggol*, roughback sea catfish (Indonesia).Family **PLOTOSIDAE**, Eel-catfishes

© J.E. Randall, Bishop Museum

*Plotosus canius*, gray eel-catfish, 25 cm TL (W Australia).

© R. Field

*Plotosus limbatus*, darkfin eel-catfish (Arabian Sea).

© R. Field

*Plotosus limbatus*, darkfin eel-catfish, juvenile (Oman).

© J.E. Randall, Bishop Museum

*Plotosus limbatus*, darkfin eel-catfish, 28 cm TL (W India).

Family **PLOTOSIDAE**, Eel-catfishes



Source: CFSA

*Plotosus lineatus*, striped eel-catfish, 6 cm TL, juvenile (Comoros); 18 cm TL, adult (Mauritius).



© V Fraser

*Plotosus lineatus*, striped eel-catfish, juveniles (South Africa).



© JE Randall, Bishop Museum

*Plotosus nkunga*, stinging eel-catfish, 40 cm TL (South Africa).

Family **ARGENTINIDAE**, Argentines



O Alvhelm © IMR

*Argentina euchus*, smooth argentine, 14 cm TL (Mozambique).



PC Heemstra © NRF-SAIAB

*Glossanodon mildredae*, spotbreast argentine, 12 cm SL (Mozambique).

Family **ALEPOCEPHALIDAE**, Smooth-heads



O Alvhelm © IMR

*Xenodermichthys copei*, bluntnout smooth-head, 14 cm TL (Mozambique).

Family **CHLOROPHTHALMIDAE**, Greeneyes

© M Gomon, NMW

*Chlorophthalmus acutifrons*, humpback greeneye, 24 cm SL (NW Australia).



KV Akhilesh © CMFRI

*Chlorophthalmus corniger*, spinyjaw greeneye, 10 cm SL (SW India).



© NRF-SAIAB

*Chlorophthalmus punctatus*, spotted greeneye (South Africa).



© Alvhelm © IMR

*Chlorophthalmus punctatus*, spotted greeneye, 19 cm TL (South Africa).



© Alvhelm © IMR

*Chlorophthalmus* sp., 19 cm TL (Mozambique).



PC Heemstra © NRF-SAIAB

*Chlorophthalmus vityazi*, 15 cm SL (N Mozambique).

Family **SYNODONTIDAE**, Lizardfishes

KV Akhilesh © CMFRI

*Harpadon nehereus*, Bombay duck (SW India).



© D Daom, HJJ

*Saurida golanii*, Golani's lizardfish, 28 cm SL, holotype (Red Sea).

Family **SYNODONTIDAE**, Lizardfishes



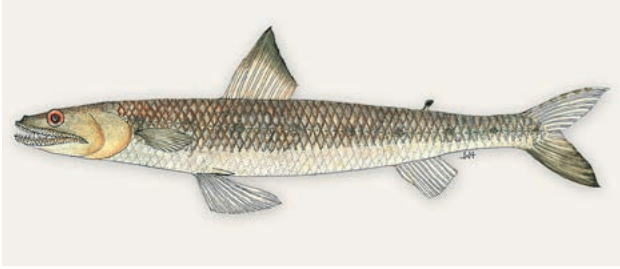
PC Heemstra © NRF-SAIAB

*Saurida gracilis*, graceful lizardfish, 7 cm SL (Comoros).



© JE Randall; Bishop Museum

*Saurida gracilis*, graceful lizardfish, 15 cm SL (Sudan).



Source: SSF

*Saurida lessepsianus*, Lessepsian lizardfish, 31 cm TL (South Africa).



© SV Bogorodsky

*Saurida lessepsianus*, Lessepsian lizardfish, 28 cm SL (Gulf of Suez).



O Alvheim © IMR

*Saurida lessepsianus*, Lessepsian lizardfish, 23 cm TL (Mozambique).



E Heemstra © NRF-SAIAB/AV/2010

*Saurida lessepsianus*, Lessepsian lizardfish, 21 cm SL (Madagascar).



PC Heemstra © NRF-SAIAB

*Saurida nebulosa*, clouded lizardfish, 4 cm SL (Comoros).



PC Heemstra © NRF-SAIAB

*Saurida nebulosa*, clouded lizardfish, 12 cm SL (Mozambique).



© JE Randall; Bishop Museum

*Saurida tumbil*, greater lizardfish, 29 cm SL (Persian/Arabian Gulf).



O Alvheim © IMR

*Saurida tweddlei*, spotted lizardfish, 25 cm SL (Saya de Malha Bank).



Family **SYNODONTIDAE**, Lizardfishes

**1** *Saurida lessepsianus*, Lessepsian lizardfish, 20 cm SL (Mozambique).\* **2** *Saurida tumbil*, greater lizardfish, 23 cm TL (South Africa). **3** *Synodus binotatus*, two-spot lizardfish, 5 cm SL (Mauritius). **4** *Synodus dermatogenys*, sand lizardfish, 15 cm SL (Comoros). **5** *Synodus hoshinonis*, blackear lizardfish, 9 cm SL (Mozambique). **6** *Synodus indicus*, Indian lizardfish, 11 cm SL (South Africa).\* **7** *Synodus jaculum*, javelin lizardfish, 11 cm SL (South Africa). **8** *Synodus rubromarmoratus*, red-marbled lizardfish, 5 cm SL (South Africa). **9** *Synodus variegatus*, variegated lizardfish, **(a)** 14 cm SL, **(b)** 30 cm TL (both South Africa).\* **10** *Trachinocephalus trachinus*, Indo-Pacific bluntnose lizardfish, ~14 cm SL (Mozambique).\*



*Synodus randalli*, Randall's lizardfish (South Africa).

R Palmer © NRF-SA/AB

\* Source: CFSA

Family **SYNODONTIDAE**, Lizardfishes



© SV Bogorodsky

*Synodus dermatogenys*, sand lizardfish (Red Sea).



© DR King

*Synodus indicus*, Indian lizardfish (South Africa).



M Mwale © NRF-SAIAB

*Synodus randalli*, Randall's lizardfish, 13 cm SL (Tanzania).



© JE Randall, Bishop Museum

*Synodus randalli*, Randall's lizardfish, 11 cm SL (Sudan).



© JE Randall, Bishop Museum

*Synodus usitatus*, ordinary lizardfish, 12 cm SL (Hawaii).



PC Heemstra © NRF-SAIAB

*Synodus variegatus*, variegated lizardfish (Madagascar).



© SV Bogorodsky

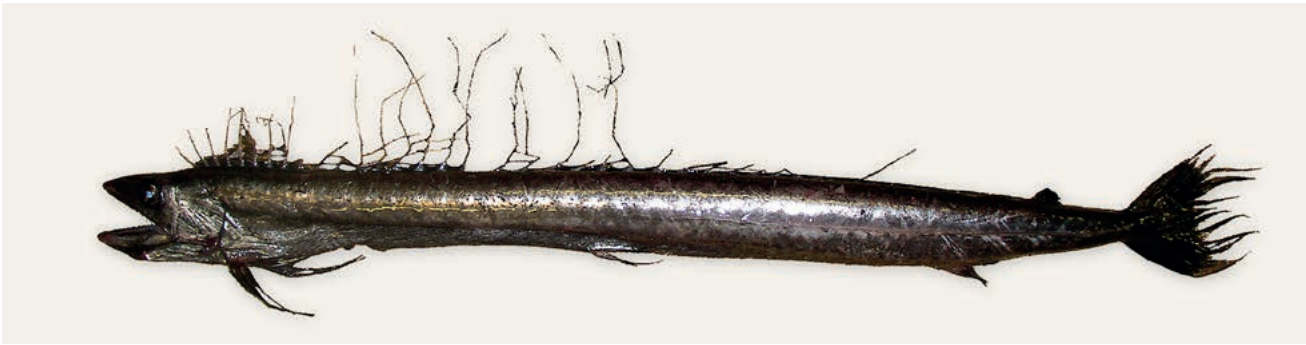
*Trachinocephalus trachinus*, Indo-Pacific bluntnose lizardfish, 12 cm SL (Red Sea).



PC Heemstra © NRF-SAIAB

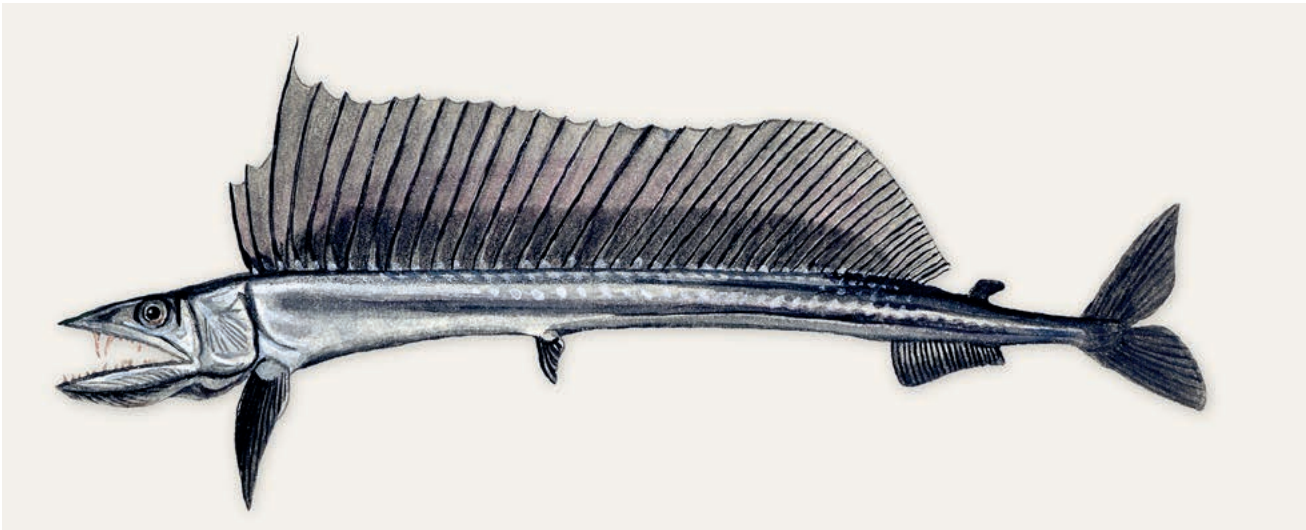
*Trachinocephalus trachinus*, Indo-Pacific bluntnose lizardfish, 14 cm SL (S Mozambique).

Family **ALEPISAUROIDAE**, Lancetfishes



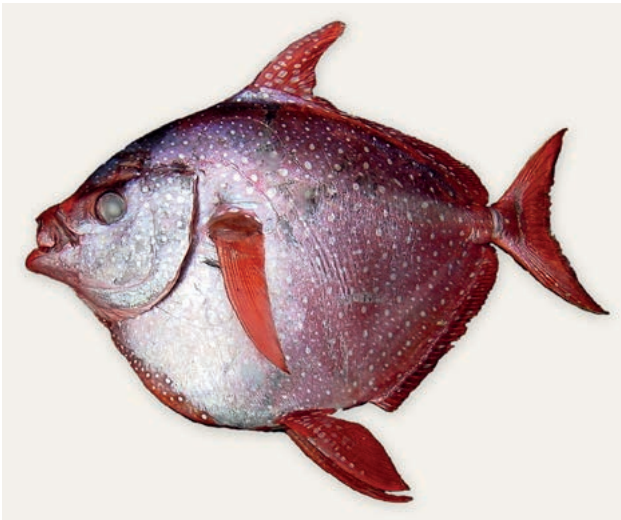
© A. Dolgov, PINRO

*Alepisaurus brevirostris*, shortsnout lancetfish, 98 cm TL (Irminger Sea).



*Alepisaurus ferox*, longsnout lancetfish, 71 cm SL (Comoros).

Family **LAMPRIDAE**, Opahs



AD Connell © NRF-SAVAB

*Lampris guttatus*, spotted opah, 118 cm SL (South Africa).



Source: FSO

*Lampris immaculatus*, southern opah, 82 cm SL (Kerguelen Is.).

Family **VELIFERIDAE**, Velifers



© C Dowling, DPPIID

*Metavelifer multiradiatus*, spotted velifer (Australia).



© Alvheim © IMR/ASCLME

*Velifer hypselopterus*, sailfin velifer, 15 cm TL (Saya de Malha Bank).



W Holleman © NRF-SAVAB

*Velifer hypselopterus*, sailfin velifer, juvenile (South Africa).

Family **LOPHOTIDAE**, Crestfishes



© Alvheim © IMR

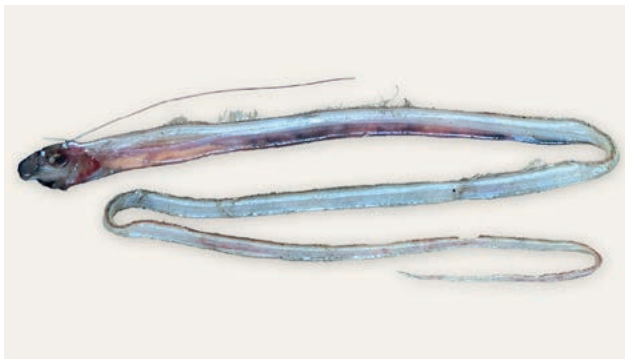
*Eumecichthys fiski*, unicorn crestfish, 50 cm TL (São Tomé).



© J Wyness

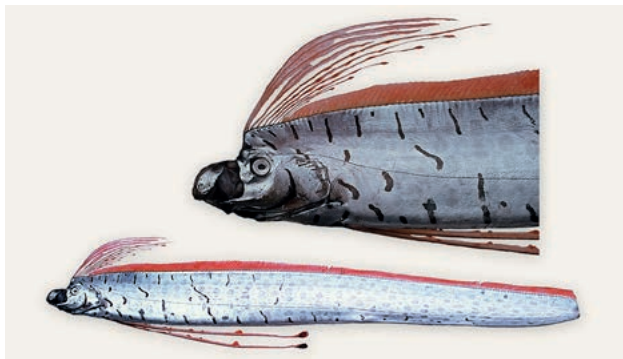
*Lophotus cristatus*, silver crestfish, 123 cm TL (South Africa).

Family **REGALECIDAE**, Oarfishes



O Alvhheim © IMR

*Agrostichthys parkeri*, streamer fish, 60 cm TL (South Africa).



PC Heernstra © NRF-SA/AB

*Regalecus glesne*, coldwater oarfish, 143 cm TL (South Africa).



O Alvhheim © IMR

*Regalecus russellii*, warmwater oarfish, 60 cm TL (S Mozambique).

Family **TRACHIPTERIDAE**, Ribbonfishes



O Alvhheim © IMR

*Desmodema polystictum*, polkadot ribbonfish, 22 cm TL (South Africa).



O Alvhheim © IMR

*Trachipterus trachipterus*, peregrine ribbonfish, 200 cm TL (Atlantis Seamount).



© S Chater, ORI/SA/AMBR

*Trachipterus trachipterus*, peregrine ribbonfish, 50 cm TL, juvenile (South Africa).



© B Bowen

*Zu cristatus*, scalloped ribbonfish, 33 cm SL, juvenile (South Africa).

Family **TRACHIPTERIDAE**, Ribbonfishes



© Alvheim © IMR

*Zu cristatus*, scalloped ribbonfish, 54 cm TL, juvenile (South Africa).



PC Heemstra © NRF-SAIAB

*Zu cristatus*, scalloped ribbonfish, 95 cm SL, adult (Kenya).



© Alvheim © IMR

*Zu elongatus*, tapertail ribbonfish, 106 cm SL (South Africa).



© Alvheim © IMR

*Zu elongatus*, tapertail ribbonfish, 83 cm TL, juvenile (South Africa).

Family **POLYMIXIIDAE**, Beardfishes



PC Heemstra © NRF-SAIAB

*Polymixia berndti*, Indo-Pacific beardfish, 17 cm SL (S Mozambique).

Family **LOTIDAE**, Rocklings



PC Heemstra © NRF-SA/AB

*Gaidropsarus capensis*, Cape rockling, 14 cm SL (South Africa).



O Alvheim © IMR

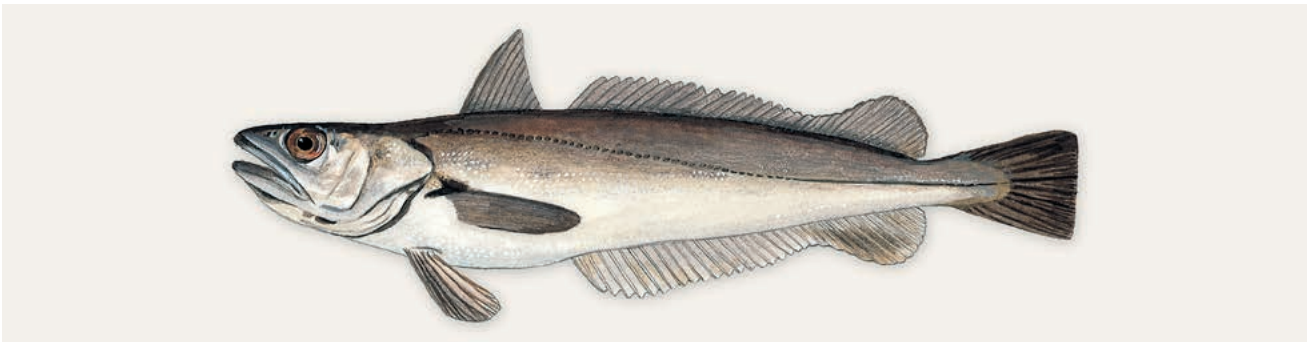
*Gaidropsarus novaezealandiae*, comb rockling, 25 cm TL (South Africa).

Family **MERLUCCIIDAE**, Hakes



© RW Leslie

*Macrurus novaezealandiae*, ~86 cm TL (South Africa). #



Source: CFSA

*Merluccius capensis*, shallow-water hake, 44 cm TL (South Africa).



© C Caine

*Merluccius capensis*, shallow-water hake (South Africa).



O Alvheim © IMR

*Merluccius paradoxus*, deepwater hake, 53 cm TL (South Africa).

# = no species account

Family **BREGMACEROTIDAE**, Codlets



O Alvhelm © IMR

*Bregmaceros atlanticus*, antenna codlet, 10 cm TL (Mozambique).



© CJ Ferraris & EO Murdy

*Bregmaceros maclellandi*, unicorn cod, 7 cm SL (Philippines).

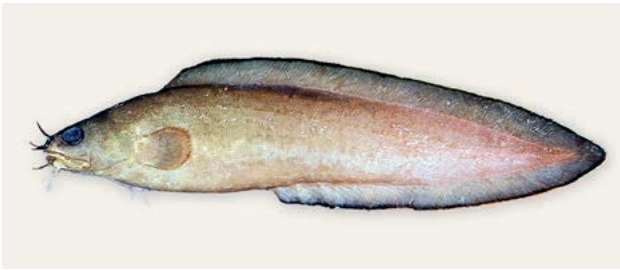


© SV Bogorodsky

*Bregmaceros nectabanus*, smallscale codlet, 7 cm SL (Red Sea).



Family **OPHIDIIDAE**, Cusk-eels



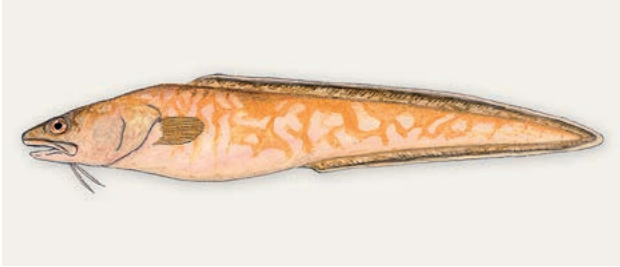
PC Heemstra © NRF-SAIB

*Brotula multibarbata*, bearded brotula, 29 cm TL (South Africa).



© SV Bogorodsky

*Brotula multibarbata*, bearded brotula (Red Sea).



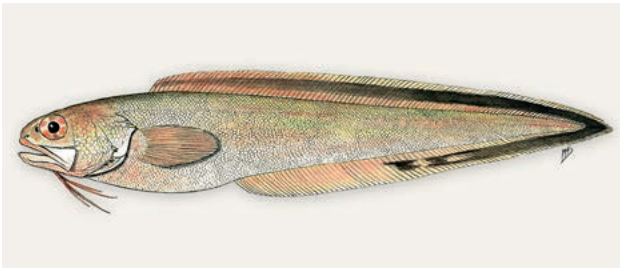
Source: CFSA

*Genypterus capensis*, kinglip, 120 cm TL (South Africa).



© RW Leslie

*Hoplobrotula gnathopus*, false kinglip, 34 cm TL (South Africa).



Source: SSF

*Hoplobrotula gnathopus*, false kinglip, 35 cm TL (Mozambique).



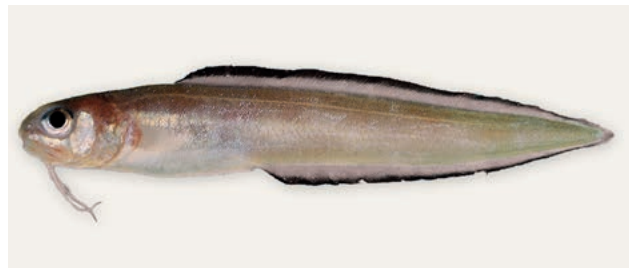
S Ribes © AV2010

*Neobythites bimarginatus*, 12 cm SL (Madagascar).



PC Heemstra © NRF-SAIB

*Neobythites kenyaensis*, 14 cm SL (Mozambique).



© JE Randall, Bishop Museum

*Ophidion smithi*, bigeye cusk-eel, 9 cm TL (Seychelles).



© F Uiblein, IMR

*Pycnocrasedum squamipinne*, 10 cm SL (Mozambique).



© SV Bogorodsky

*Siremo jerdoni*, brownbanded cusk-eel, 10 cm TL (Gulf of Suez).

Family **OPHIDIIDAE**, Cusk-eels



© D. Stevens, OMMFC

*Spottobrotula mossambica*, 18 cm SL (Oman).



© Q. Gharibi

*Spottobrotula persica*, 30 cm SL, holotype (Oman).

Family **CARAPIDAE**, Pearlfishes



PC Heemstra © NRF-SAIAB

*Carapus boraborensis*, pinhead pearlfish, 17 cm SL (Mozambique).



© JE Randall, Bishop Museum

*Carapus homei*, silver pearlfish, 13 cm TL (Seychelles).



© JE Randall, Bishop Museum

*Carapus mourlani*, cushion-star pearlfish, 7 cm TL (Seychelles).



*Carapus mourlani*, cushion-star pearlfish (WIO).



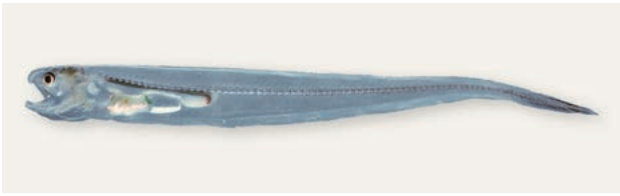
*Encheliophis gracilis*, slender pearlfish (Mauritius).



© R Winterbottom, ROM

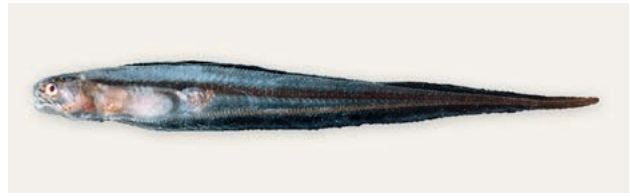
*Encheliophis gracilis*, slender pearlfish, 14 cm SL (Chagos).

Family **CARAPIDAE**, Pearlfishes



PC Heemstra © NRF-SAIAB

*Onuxodon fowleri*, pink pearlfish, 6 cm TL (Yemen).



© JE Randall, Bishop Museum

*Onuxodon fowleri*, pink pearlfish, 9 cm TL (Marquesas Is.).



© JE Randall, Bishop Museum

*Pyramodon ventralis*, silverbelly pearlfish, 20 cm TL (Hawaii).



© F Uiblein, IMR

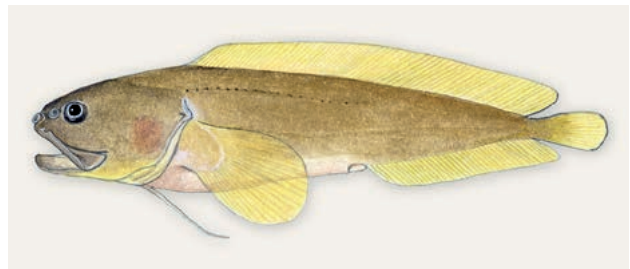
*Pyramodon ventralis*, silverbelly pearlfish, 26 cm SL (N Mozambique).

Family **BYTHITIDAE**, Livebearing brotulas



PC Heemstra © NRF-SAIAB

*Bidenichthys capensis*, freetail brotula, 4 cm SL (South Africa).



*Bidenichthys capensis*, freetail brotula, 6 cm SL (South Africa).



© SV Bogorodsky

*Brosmophyciops pautzkei*, slimy cuskeel (Red Sea).



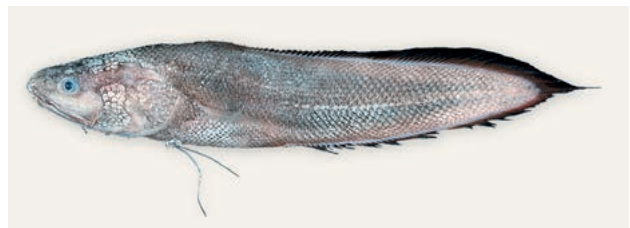
© G Zilavetz, SURG

*Grammonus opisthodon*, bighead brotula (South Africa).



© M Okamoto, SNFR

*Grammonus robustus*, humpback brotula, 10 cm SL (East China Sea).



© JE Randall, Bishop Museum

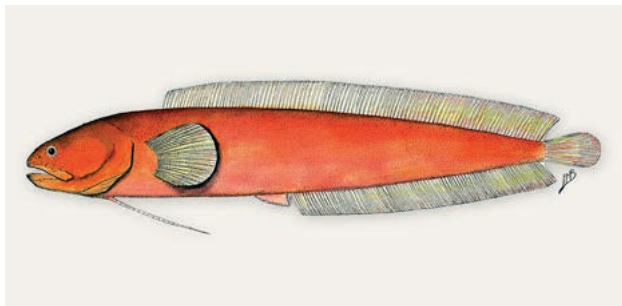
*Microbrotula bentleyi*, 4 cm TL (Red Sea).

Family **DINEMATICHTHYIDAE**, Viviparous brotulas



PC Heemstra © NRF-SAIAB

*Dermatopsoides andersoni*, Anderson's mud brotula, 6 cm SL, holotype (South Africa).



Source: SFSA

*Dermatopsoides kasougae*, orange brotula, 7 cm TL (South Africa).



© G Zsilavecz, SURG

*Dermatopsoides talboti*, lesser orange brotula (South Africa).



© G Zsilavecz, SURG

*Dermatopsoides talboti*, lesser orange brotula, ~6 cm TL (South Africa).



© SV Bogorodsky

*Dinematchthys ilucoeteoides*, yellow pygmy brotula (Red Sea).



© SV Bogorodsky

*Dinematchthys ilucoeteoides*, yellow pygmy brotula (Red Sea).

Family **BATRACHOIDIDAE**, Toadfishes



© P Loisel

*Allenbatrachus meridionalis*, Madagascar toadfish, 20 cm SL (Madagascar).



PC Heemstra © NRF-SAIAB

*Austrobatrachus foedus*, puzzled toadfish, 20 cm SL (South Africa).

Family **BATRACHOIDIDAE**, Toadfishes



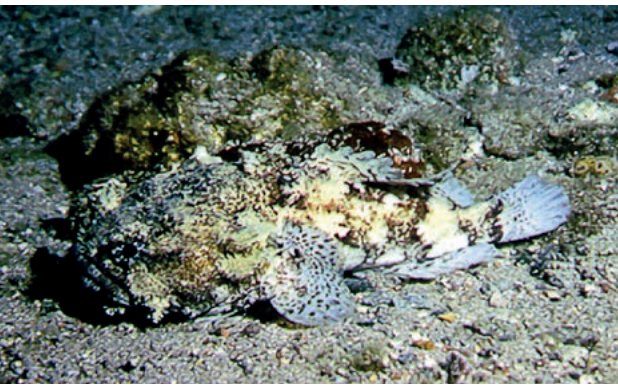
© SJ Swanepeel

*Austrobatrachus foedus*, puzzled toadfish (South Africa).



AD Connell © NRF-SA/AB

*Austrobatrachus iselesese*, Zulu toadfish, 20 cm SL (South Africa).



© E Brokovich, HUU

*Barchatus cirrhosus*, Red Sea toadfish (Red Sea).



© DW Greenfield

*Barchatus indicus*, Somali toadfish, 13 cm SL, holotype (Gulf of Aden).



Source: SSF

*Batrichthys albofasciatus*, white-ribbed toadfish, 12 cm TL (South Africa).



CD Buxton © RU-DIFS

*Batrichthys apiatus*, snakehead toadfish, 4 cm TL, dorsal view (South Africa).



© G Zsilávecz, SURG

*Batrichthys apiatus*, snakehead toadfish (South Africa).



© JE Randall, Bishop Museum

*Bifax lacinia*, two-faced toadfish, 27 cm SL, paratype (Oman).

Family **BATRACHOIDIDAE**, Toadfishes



© G Zsilavecz, SURG

*Chatrabus felinus*, big-eye toadfish (South Africa).



Source: SSF

*Chatrabus hendersoni*, chocolate toadfish, 19 cm TL, holotype (South Africa).



PC Heemstra © NRF-SAIAB

*Chatrabus melanurus*, humpback toadfish, 14 cm SL (South Africa).



KK Bineesh © CMFRI

*Colletteichthys dussumieri*, flat toadfish, 15 cm TL (SW India).



S Murugan © CMFRI

*Colletteichthys flavipinnis*, yellowfin toadfish (S India).



© SV Bogorodsky

*Colletteichthys occidentalis*, Arabian toadfish, 16 cm SL (Qatar).



© JE Randall, Bishop Museum

*Colletteichthys occidentalis*, Arabian toadfish, 12 cm SL (Bahrain).



KK Bineesh © CMFRI

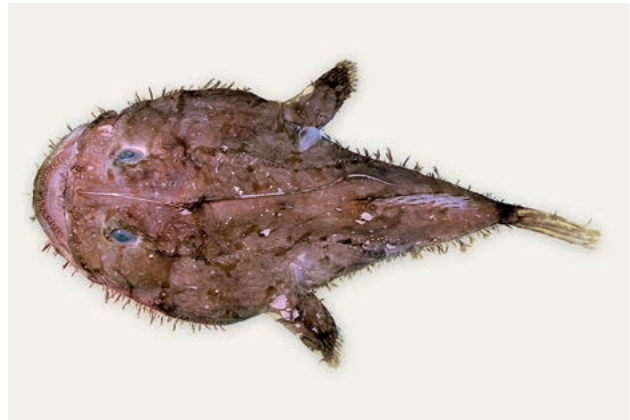
*Perulibatrachus aquilonarius*, northern toadfish, 24 cm SL (India).

Family **LOPHIIDAE**, Monkfishes



O Alvhheim © IMR/ASCLME

*Lophiodes insidiator*, Natal monkfish (Saya de Malha Bank).



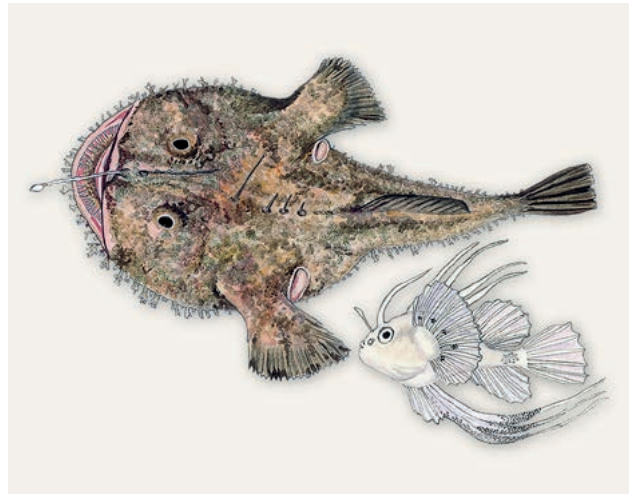
© H-C Ho, NMMP-P

*Lophiodes mutilus*, smooth monkfish, ~20 cm SL (NE Taiwan).



PC Heemstra © NRF-SAAB

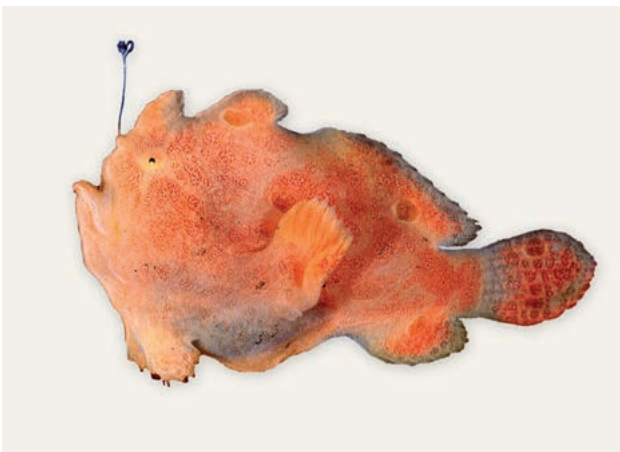
*Lophiomus setigerus*, blackmouth anglerfish, 16 cm SL (Mozambique).



Source: CFSA

*Lophius vomerinus*, Cape monkfish, 26 cm TL, juvenile; 1 cm TL, transforming larva (both South Africa).

Family **ANTENNARIIDAE**, Anglerfishes, frogfishes



PC Heemstra © NRF-SAAB

*Antennarius commerson*, Commerson's frogfish, 3 cm SL (South Africa).



PC Heemstra © NRF-SAAB

*Antennarius hispidus*, shaggy frogfish, 4 cm SL (N Mozambique).

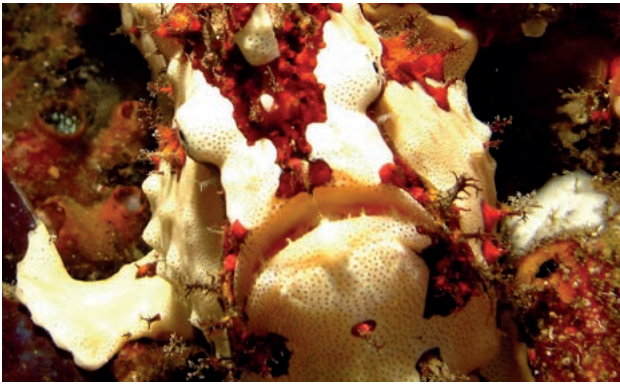
Family **ANTENNARIIDAE**, Anglerfishes, frogfishes

1 *Antennarius commerson*, Commerson's frogfish, 5 cm SL (Mauritius). 2 *Antennarius hispidus*, shaggy frogfish, 4 cm SL (S Mozambique). 3 *Antennarius indicus*, Indian frogfish, ~9 cm SL (WIO). 4 *Antennarius maculatus*, warty frogfish (WIO). 5 *Antennarius pictus*, painted frogfish, 3 cm SL (Seychelles). 6 *Antennarius striatus*, striated frogfish, 15 cm TL (South Africa).\* 7 *Antennatus coccineus*, scarlet frogfish, 4 cm SL (South Africa). 8 *Antennatus dorehensis*, New Guinean frogfish, 5 cm SL (Comoros). 9 *Antennatus linearis*, pygmy anglerfish, 4 cm SL (South Africa). 10 *Antennatus nummifer*, spotfin frogfish, 4 cm SL (South Africa). 11 *Antennatus tuberosus*, tuberculated frogfish, (a) 4 cm SL (Comoros), (b) 2 cm SL (Mauritius). 12 *Fowlerichthys scriptissimus*, calico frogfish, 30 cm SL (Japan). 13 *Histrio histrio*, sargassumfish, 7 cm SL (South Africa).

\* Source: CFSA



Family **ANTENNARIIDAE**, Anglerfishes, frogfishes



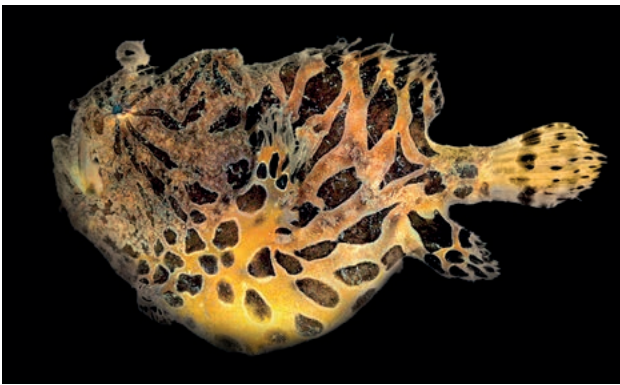
© F Lombard

*Antennarius maculatus*, warty frogfish (S Mozambique).



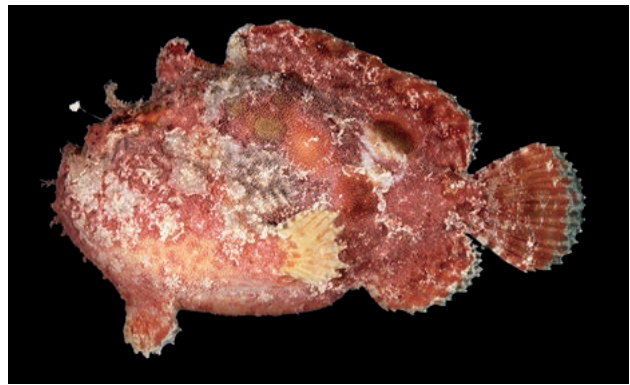
© V Fraser

*Antennarius maculatus*, warty frogfish (S Mozambique).



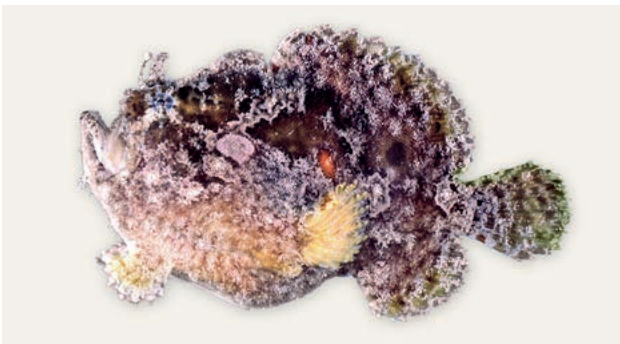
PC Heemstra © NRF-SAIAB

*Antennarius striatus*, striated frogfish, 5 cm SL (N Mozambique).



© JE Randall, Bishop Museum

*Antennatus coccineus*, scarlet frogfish, 6 cm SL (Maldives).



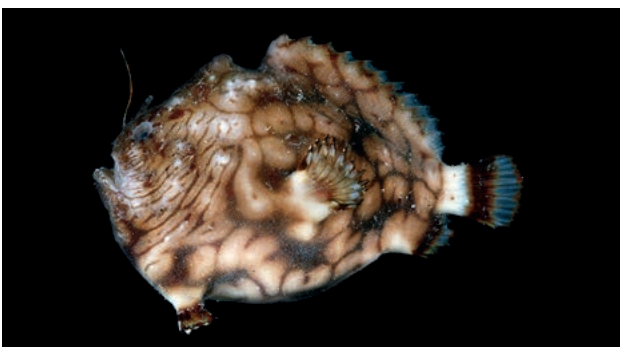
PC Heemstra © NRF-SAIAB

*Antennatus dorehensis*, New Guinean frogfish, 5 cm SL (Comoros).



PC Heemstra © NRF-SAIAB

*Antennatus nummifer*, spotfin frogfish, 4 cm SL (South Africa).



© JE Randall, Bishop Museum

*Antennatus tuberosus*, tuberculated frogfish, 3 cm SL (Hawaii).



© JE Randall, Bishop Museum

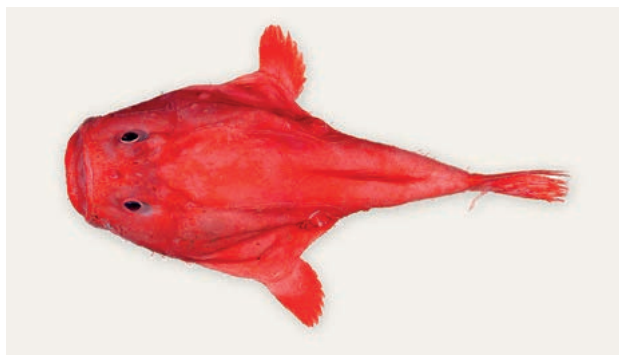
*Histrio histrio*, sargassumfish, 6 cm SL (Hawaii).

Family **CHAUNACIDAE**, Coffinfishes, sea toads, frogmouths



© H-C Ho, NMMB-P

*Chaunax africanus*, African coffinfish, 14 cm SL, preserved paratype (N Mozambique).



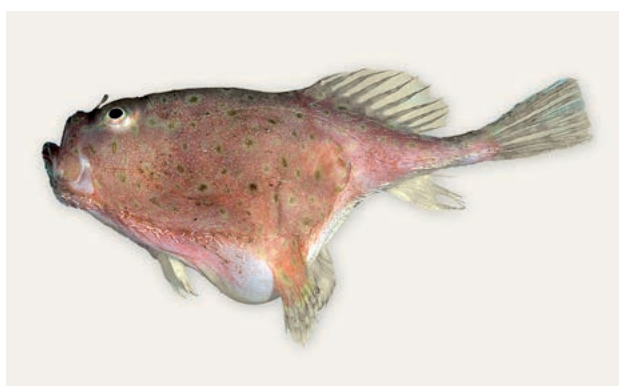
© H-C Ho, NMMB-P

*Chaunax apus*, pink frogmouth, 20 cm SL (Taiwan).



© PC Heemstra, NRF-SAIAB

*Chaunax atimovatae*, southern frogmouth, 16 cm SL (Mozambique).



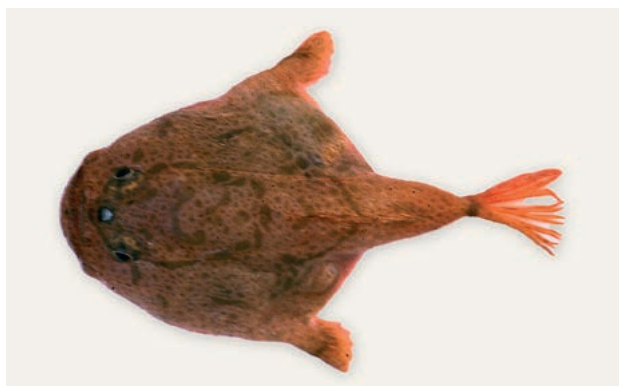
© PC Heemstra, NRF-SAIAB

*Chaunax atimovatae*, southern frogmouth, ~20cm TL (S Mozambique).



© R Palmer, NRF-SAIAB

*Chaunax atimovatae*, southern frogmouth (South Africa).



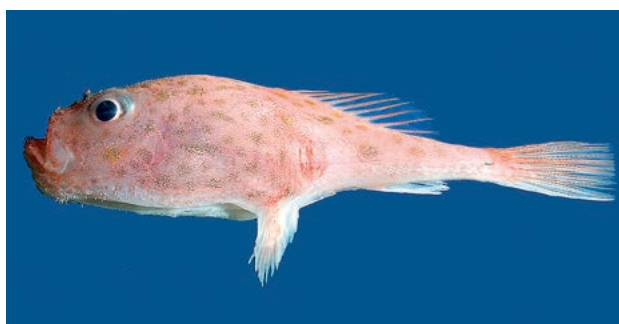
© PC Heemstra, NRF-SAIAB

*Chaunax penicillatus*, pencil coffinfish, 18 cm SL (Kenya).



© PC Heemstra, NRF-SAIAB

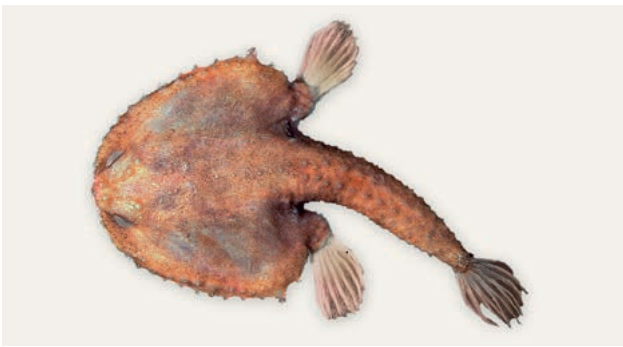
*Chaunax heemstraorum*, Heemstras' frogmouth, 19 cm SL, holotype (Mozambique).



© PC Heemstra, NRF-SAIAB

*Chaunax heemstraorum*, Heemstras' frogmouth, 8 cm SL, holotype (Mozambique).

Family **OGCOEPHALIDAE**, Batfishes



PC Heemstra © NRF-SAIAB

*Halicmetus* sp., 11 cm SL (Mozambique). #



M Lee © AV2010

*Halieutaea fitsimensi*, circular seabat, 10 cm SL (Madagascar).



PC Heemstra © NRF-SAIAB

*Halieutaea hancocki*, hairy seabat, 11 cm SL (Mozambique). #



O Alvhelm © IMR

*Halieutaea hancocki*, hairy seabat, 13 cm TL, ventral view (Mozambique). #



© D Herbert

*Halieutaea indica*, Indian handfish, ~6 cm TL (South Africa).



O Alvhelm © IMR

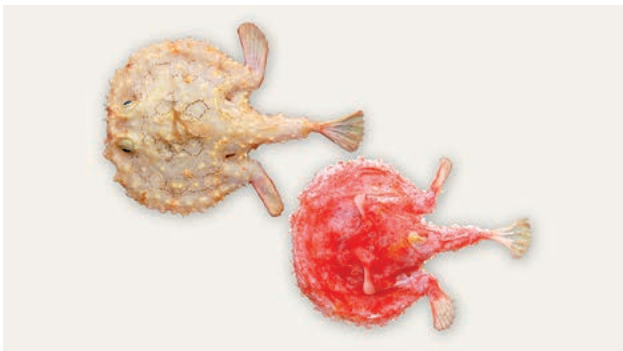
*Halieutaea indica*, Indian handfish, 7 cm SL (Seychelles Bank).



PC Heemstra © NRF-SAIAB

*Halieutaea liogaster*, African circular seabat, 9 cm SL (Mozambique).

# = no species account



O Alvhelm © IMR

*Halieutaea* sp., 12 cm SL, dorsal and ventral views (Saya de Malha Bank). #

Family **OGCOEPHALIDAE**, Batfishes



O Alvrheim © IMR

*Malthopsis australicana*, southern African triangular batfish, 10 cm TL, dorsal view (Mozambique).



O Alvrheim © IMR

*Malthopsis australicana*, southern African triangular batfish, 10 cm TL, ventral view (Mozambique).



© H-C Ho, NMMB-P

*Malthopsis bradburyae*, Bradbury's triangular batfish, 7 cm SL (Tanzania).



AD Cornell © NRF-SAIAB

*Malthopsis gigas*, giant triangular batfish, ~12 cm SL (South Africa).



PC Heemstra © NRF-SAIAB

*Malthopsis mitrigera*, two-spine batfish, 5 cm SL, dorsal and ventral views (South Africa).



J Escobar-Porras © NRF-SAIAB/ASCLIME

*Malthopsis mitrigera*, two-spine batfish, 8 cm SL (SE Madagascar).

Family **MUGILIDAE**, Mulletts



R Bills © NRF-SAIAB

*Agonostomus telfairii*, fairy mullet, ~12 cm SL (E Madagascar).



© S Yalçın-Ozdişlek

*Chelon abu*, Abu mullet, 12 cm SL (Turkey).



P Cowley © NRF-SAIAB

*Chelon alata*, diamond mullet (South Africa).



P Cowley © NRF-SAIAB

*Chelon alata*, diamond mullet (South Africa).



© JE Randall, Bishop Museum

*Chelon carinatus*, keeled mullet, 11 cm SL (Bahrain).



PC Heemstra © NRF-SAIAB

*Chelon dumerili*, grooved mullet, 11 cm SL (South Africa).



© JE Randall, Bishop Museum

*Chelon macrolepis*, largescale mullet, 19 cm SL (Sudan).



PC Heemstra © NRF-SAIAB

*Chelon melinopterus*, giantscale mullet, 9 cm SL (S Mozambique).



Source: CFS

*Chelon richardsonii*, southern mullet, 25 cm TL, adult (South Africa).



P Cowley © NRF-SAIAB

*Chelon subviridis*, greenback mullet (South Africa).

Family **MUGILIDAE**, Mulletts



© RU-DIFS 2006

*Chelon tricuspis*, striped mullet (South Africa).



© MN Trevor, CMI

*Crenimugil crenilabis*, fringelip mullet, 29 cm SL; lateral, dorsal and ventral views of head inset (Marshall Is.).



© JE Randall, Bishop Museum

*Crenimugil crenilabis*, fringelip mullet (Seychelles).



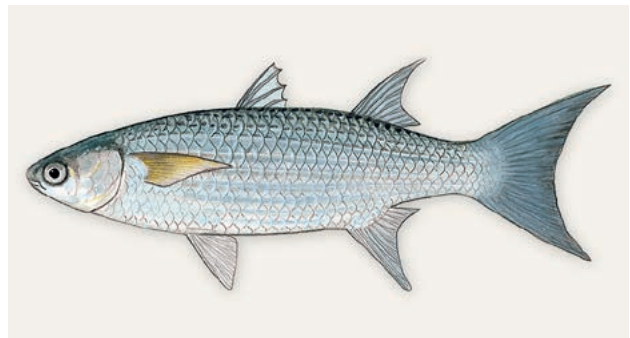
© JE Randall, Bishop Museum

*Ellochelon vaigiensis*, squaretail mullet, 27 cm SL (central Pacific).



© JE Randall, Bishop Museum

*Moolgarda buchanani*, longfin mullet, 10 cm SL (Indonesia).



Source: CFSA

*Moolgarda buchanani*, longfin mullet, 73 cm TL (South Africa).



© JE Randall, Bishop Museum

*Moolgarda cunnesius*, longarm mullet, 10 cm SL (SW India).



© P Cowley © NRF-SAAB

*Moolgarda robustus*, robust mullet (South Africa).

Family **MUGILIDAE**, Mulletts



© JE Randall, Bishop Museum

*Moolgarda seheli*, bluespot mullet, 27 cm SL (Indonesia).



© JE Randall, Bishop Museum

*Mugil cephalus*, flathead mullet, 33 cm SL (Japan).



P Cowley © NRF-SAIAB

*Myxus capensis*, freshwater mullet (South Africa).



© JE Randall, Bishop Museum

*Oedalechilus labiosus*, hornlip mullet, 13 cm SL (Malaysia).

Family **ISONIDAE**, Surf sprites



© JE Randall, Bishop Museum

*Iso natalensis*, surf sprite, 4 cm SL (W India).

Family **ATHERINIDAE**, Silversides



PC Heemstra © NRF-SAIAB

*Atherina breviceps*, Cape silverside, 3 cm SL (South Africa).



Source: Skelton 1993

*Atherina breviceps*, Cape silverside (South Africa).

Family **ATHERINIDAE**, Silversides



© S Kimura, FRLM

*Atherinomorus duodecimalis*, tropical silverside, 6 cm SL (Andaman Sea).



© JE Randall, Bishop Museum

*Atherinomorus forskalii*, Red Sea hardyhead silverside, 7 cm SL (Red Sea).



E Heemstra © NRF-SAAR/AV2010

*Atherinomorus lacunosus*, wide-banded hardyhead silverside, 12 cm SL (Madagascar).



© JE Randall, Bishop Museum

*Atherinomorus lacunosus*, wide-banded hardyhead silverside, 7 cm SL (Seychelles).



© JE Randall, Bishop Museum

*Atherinomorus pinguis*, narrow-banded hardyhead silverside, 9 cm SL (Persian/Arabian Gulf).



© S Kimura, FRLM

*Hypoatherina barnesi*, slender silverside, 3 cm SL, preserved juvenile (Japan).



© D Sasaki, FRLM

*Hypoatherina barnesi*, slender silverside, 4 cm SL, preserved (Mozambique).



© SV Bogorodsky

*Hypoatherina gobio*, gudgeon silverside, 8 cm SL (Red Sea).



© JE Randall, Bishop Museum

*Hypoatherina golanii*, Red Sea silverside, 5 cm SL (Red Sea).



© SV Bogorodsky

*Hypoatherina golanii*, Red Sea silverside, 6 cm SL, preserved (Red Sea).



© D Sasaki, FRLM

*Hypoatherina klunzingeri*, African silverside, 5 cm SL, preserved (Mozambique).



© D Sasaki, FRLM

*Hypoatherina temminckii*, Samoan silverside, 6 cm SL, preserved (Mozambique).



Family **ADRIANICHTHYIDAE**, Ricefishes



© HH Tan

*Oryzias dancena*, deep-bodied ricefish, 25 mm SL, male.



© HH Tan

*Oryzias dancena*, deep-bodied ricefish, 24 mm SL, female.

Family **EXOCOETIDAE**, Flyingfishes



© JT Williams © Smithsonian Institution

*Cheilopogon abei*, Abe's flyingfish, 14 cm SL, dorsal view (Philippines).



© JT Williams © Smithsonian Institution

*Cheilopogon abei*, Abe's flyingfish, 14 cm SL (Philippines).



AD Connell © NRF-SAIAB

*Cheilopogon abei*, Abe's flyingfish, 2 cm SL, juvenile (South Africa).



PC Heemstra © NRF-SAIAB

*Cheilopogon cyanopterus*, blackwing flyingfish, 27 cm SL (Comoros).



PC Heemstra © NRF-SAIAB

*Cheilopogon cyanopterus*, blackwing flyingfish, 27 cm SL, dorsal view (Comoros).



© JE Randall, Bishop Museum

*Cheilopogon furcatus fisunovi*, Pacific spotfin flyingfish, 7 cm SL, juvenile (Hawaii). #

# = no species account

Family **EXOCOETIDAE**, Flyingfishes



© HB Osmany

*Cheilopogon furcatus neimani*, spotfin flyingfish, 23 cm SL (Pakistan).



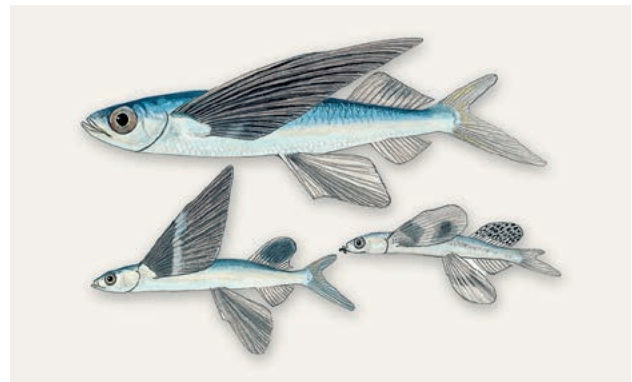
© IB Shakhovskoy, IORAS

*Cheilopogon intermedius*, intermediate flyingfish, 18 cm SL (Indonesia).



AD Connell © NRF-SAAB

*Cheilopogon pinnatibarbatus altipennis*, smallhead flyingfish, 30 cm SL (South Africa).



Source: CFA

*Cheilopogon pinnatibarbatus altipennis*, smallhead flyingfish, 39 cm TL, adult; 26 cm TL, subadult; 3 cm TL, juvenile (South Africa).



© JE Randall, Bishop Museum

*Cheilopogon spilonopterus*, stained flyingfish, 34 cm SL (Hawaii).



© JE Randall, Bishop Museum

*Cheilopogon suttoni*, Sutton's flyingfish, 25 cm SL (Indonesia).



PC Heemstra © NRF-SAAB

*Cypselurus angusticeps*, narrowhead flyingfish, 20 cm SL (Comoros).



© IB Shakhovskoy, IORAS

*Cypselurus hexazona*, darkbar flyingfish, 13 cm SL, dorsal view (Sudan).

Family **EXOCOETIDAE**, Flyingfishes



© JE Randall, Bishop Museum

*Cypselurus naresii*, pharao flyingfish, 21 cm SL (Oman).



© IB Shakhovskoy, IORAS

*Cypselurus naresii*, pharao flyingfish, 16 cm SL (Gulf of Aden).



© IB Shakhovskoy, IORAS

*Cypselurus oligolepis*, largescale flyingfish, 13 cm SL (Singapore).



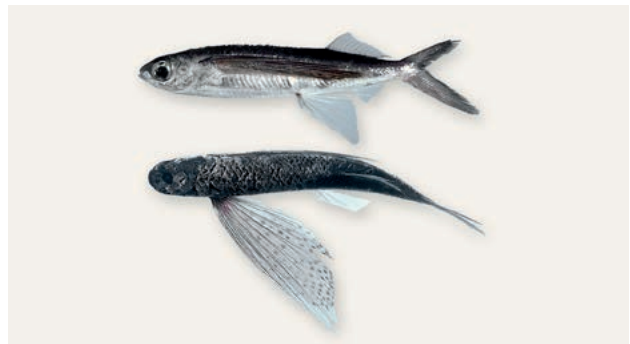
© Alvhheim, © IMR/ASCLME

*Cypselurus poecilopterus*, yellow-wing flyingfish, 20 cm TL, dorsal view (Mascarene Ridge).



© Alvhheim, © IMR/ASCLME

*Cypselurus poecilopterus*, yellow-wing flyingfish, 20 cm TL (Mascarene Ridge).



© NRF-SAIAB

*Cypselurus poecilopterus*, yellow-wing flyingfish, 23 cm SL (Rodrigues).



© NRF-SAIAB

*Exocoetus monocirrus*, barbelled two-wing flyingfish (South Africa).



© IB Shakhovskoy, IORAS

*Exocoetus volitans*, tropical two-wing flyingfish, 16 cm SL (Sulu Sea).

Family **EXOCOETIDAE**, Flyingfishes



© IB Shakhovskoy, IORAS

*Hirundichthys indicus indicus*, Indian mirrorwing flyingfish, 15 cm SL (WIO).



© IB Shakhovskoy, IORAS

*Hirundichthys oxycephalus coromandelensis*, Coromandel flyingfish, 16 cm SL (Arabian Sea).



© IB Shakhovskoy, IORAS

*Hirundichthys rufipinnis*, redfin flyingfish, 20 cm SL (off SE Africa).



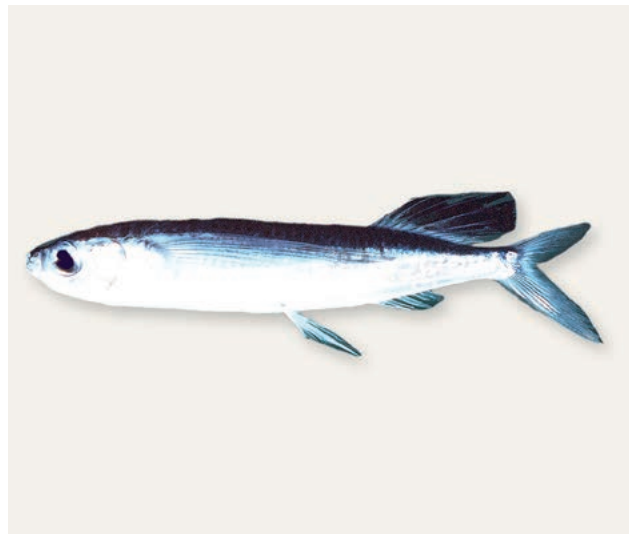
© M. Shtaut, IORAS

*Hirundichthys rufipinnis*, redfin flyingfish, 4 cm SL, juvenile, dorsal view (S Atlantic).



© Alvhelm © IMR/ASCLME

*Hirundichthys speculiger*, mirrorwing flyingfish, 27 cm TL (Mascarene Plateau).



© JE Randall, Bishop Museum

*Parexocoetus brachypterus*, sailfin flyingfish, 13 cm SL (Indonesia).

Family **EXOCOETIDAE**, Flyingfishes

PC Heemstra © NRF-SA/AB

*Parexocoetus mento*, African sailfin flyingfish, 6 cm SL (South Africa).

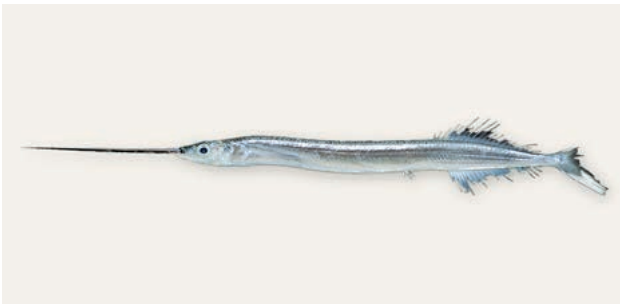
PC Heemstra © NRF-SA/AB

*Parexocoetus mento*, African sailfin flyingfish, juvenile (Red Sea).

© IB Shakhovskoy, IORAS

*Prognichthys brevipinnis*, shortfin flyingfish, 16 cm SL (Indonesia).

© IB Shakhovskoy, IORAS

*Prognichthys sealei*, shortnose flyingfish, 16 cm SL (WIO).Family **HEMIRAMPHIDAE**, Halfbeaks

© S Kimura, FRLM

*Euleptorhamphus viridis*, Indo-Pacific ribbon halfbeak, 27 cm SL (Japan).

© SV Bogorodsky

*Hemiramphus far*, black-barred halfbeak (Red Sea).

© JE Randall, Bishop Museum

*Hemiramphus far*, black-barred halfbeak, 14 cm SL (SW India).

PC Heemstra © NRF-SA/AB

*Hemiramphus lutkei*, Lutke's halfbeak, 19 cm SL (Comoros).

Note: identification of the halfbeak photographs not verified by BB Collette

Family **HEMIRAMPHIDAE**, Halfbeaks



© T Smith, RU-DIFS

*Hyporhamphus (Hyporhamphus) capensis*, Cape halfbeak, 14 cm SL (South Africa).



© JE Randall, Bishop Museum

*Hyporhamphus (Hyporhamphus) limbatus*, Congaturi halfbeak, 15 cm SL (SW India).



© JE Randall, Bishop Museum

*Hyporhamphus (Hyporhamphus) sindensis*, Sind halfbeak, 15 cm SL (SW India).



© JE Randall, Bishop Museum

*Hyporhamphus (Hyporhamphus) unicuspis*, simpletooth halfbeak, 11 cm SL (Kuwait).



© AB Kumar, UoK

*Hyporhamphus (Hyporhamphus) xanthopterus*, yellowfin halfbeak, 18 cm SL (India).



© R Winterbottom, ROM

*Hyporhamphus (Reporhamphus) affinis*, reef halfbeak, 10 cm SL (Comoros).



PC Heemstra © NRF-SAIAB

*Hyporhamphus (Reporhamphus) dussumieri*, Dussumier's halfbeak, 12 cm SL (Seychelles).



© JE Randall, Bishop Museum

*Hyporhamphus (Reporhamphus) gamberur*, Red Sea halfbeak, 11 cm SL (Sudan).



© SV Bogorodsky

*Hyporhamphus (Reporhamphus) gamberur*, Red Sea halfbeak, 22 cm SL (Red Sea).



© S Kimura, FRLM

*Hyporhamphus (Reporhamphus) quoyi*, Quoy's halfbeak, 21 cm SL (Japan).

Family **HEMIRAMPHIDAE**, Halfbeaks



© S Kimura, FRLM

*Oxyporhamphus convexus convexus*, 10 cm SL (South China Sea).



© JE Randall, Bishop Museum

*Rhynchorhamphus georgii*, George's halfbeak, 19 cm SL (Oman).

Family **ZENARCHOPTERIDAE**, Internally-fertilising halfbeaks



© JE Randall, Bishop Museum

*Zenarchopterus dispar*, feathered river halfbeak, 9 cm SL, male (New Guinea).



© R Winterbottom, ROM

*Zenarchopterus gilli*, viviparous halfbeak, 11 cm SL (Palau).

Family **BELONIDAE**, Needlefishes



© SV Bogorodsky

*Ablennes hians*, flat needlefish (Red Sea).



© A Ryansky

*Platybelone argalus platyura*, keeltail needlefish (Red Sea).



© S Kimura, FRLM

*Platybelone argalus platyura*, keeltail needlefish, 39 cm SL (Japan).



© S Kimura, FRLM

*Strongylura incisa*, reef needlefish, 48 cm SL (Japan).



© JE Randall, Bishop Museum

*Strongylura leiura*, yellowfin needlefish, 56 cm SL (SW India).



© JE Randall, Bishop Museum

*Strongylura strongylura*, spot-tail needlefish, 34 cm SL (SW India).

Note: identification of the needlefish photographs not verified by BB Collette

Family **BELONIDAE**, Needlefishes



© A Lund

*Tylosurus acus melanotus*, Agujon needlefish, juvenile (Mozambique).



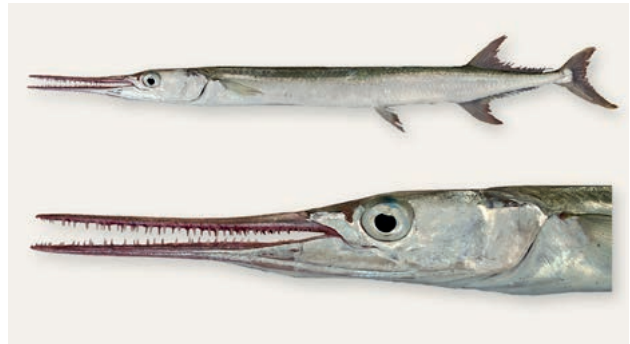
© SV Bogorodsky

*Tylosurus acus melanotus*, Agujon needlefish, 49 cm SL (Red Sea).



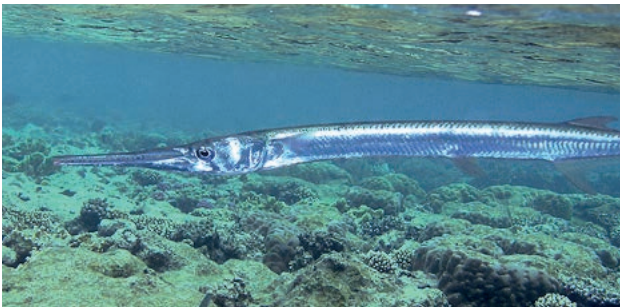
© J.E Randall, Bishop Museum

*Tylosurus choram*, Red Sea needlefish, 45 cm SL (Sudan).



© SV Bogorodsky

*Tylosurus choram*, Red Sea needlefish, 62 cm SL (Red Sea).



© SV Bogorodsky

*Tylosurus crocodilus crocodilus*, hound needlefish (Red Sea).



PC Heemstra © NRF-SAIAB

*Tylosurus crocodilus crocodilus*, hound needlefish, 33 cm SL (S Mozambique).

Family **SCOMBERESOCIDAE**, Sauries, skippers



Source: SSF

*Scomberesox scombroides*, southern saury, 35 cm TL (South Africa).



Family **MONOCENTRIDAE**, Pineapplefishes



PC Heemstra © NRF-SAIAB

*Monocentris japonica*, pineapplefish, 14 cm SL (Mozambique).

Family **ANOMALOPIDAE**, Flashlight fishes



© SV Bogorodsky

*Photoblepharon steinitzi*, flashlight fish, 7 cm SL (Gulf of Aqaba).

Family **BERYCIDAE**, Alfonsinos



PC Heemstra © NRF-SAIAB

*Beryx decadactylus*, alfonsino, 25 cm FL (Madeira).



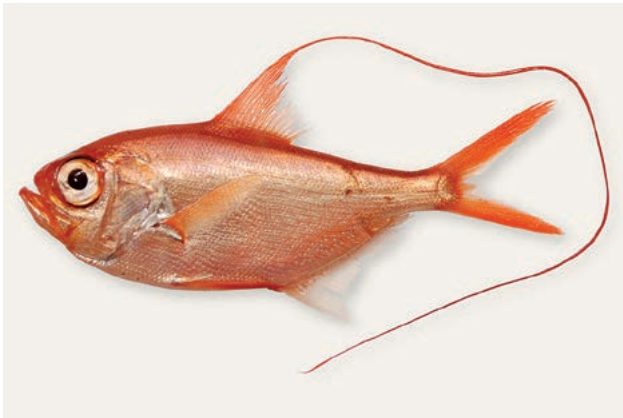
© M. Shiina

*Beryx mollis*, 11 cm SL (Japan).



PC Heemstra © NRF-SAIAB

*Beryx splendens*, slender alfonsino, 19 cm SL (Mozambique).



© Alvhelm © IMR/ASCLME

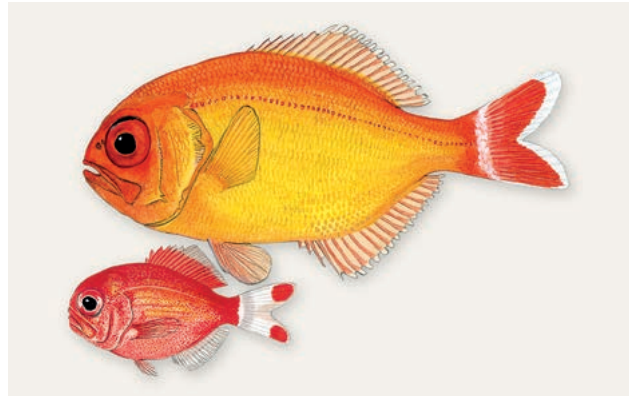
*Beryx splendens*, slender alfonsino, 21 cm TL, juvenile (Sapmer Seamount).

Family **BERYCIDAE**, Alfonsinos



AD Connell © NRF-SAIAB

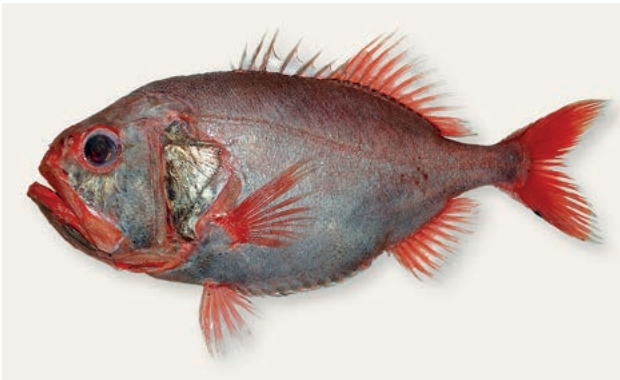
*Centroberyx druzhinini*, 22 cm SL (South Africa).



Source: CFSA

*Centroberyx spinosus*, short alfonsino, 20 cm TL, adult; 4 cm TL, juvenile (South Africa).

Family **TRACHICHTHYIDAE**, Slimeheads, roughies



KK Bineesh & KV Akhilesh © CMFRI

*Gephyroberyx darwinii*, Darwin's slimehead, 34 cm SL (SW India).



PC Heemstra © NRF-SAIAB

*Hoplostethus mediterraneus*, silver roughy, 13 cm SL (Mozambique).

Family **HOLOCENTRIDAE**, Squirrelfishes, soldierfishes



© JE Randall; Bishop Museum

*Myripristis adusta*, shadowfin soldierfish (Maldives).



© JE Randall; Bishop Museum

*Myripristis berndti*, bigscale soldierfish 28 cm TL (Norfolk I.).

Family **HOLOCENTRIDAE**, Squirrelfishes, soldierfishes

© J.E. Randall, Bishop Museum

*Myripristis berndti*, bigscale soldierfish (Maldives).

© J.E. Randall, Bishop Museum

*Myripristis botche*, pale soldierfish, 24 cm TL (Sri Lanka).

© J.E. Randall, Bishop Museum

*Myripristis chryseres*, yellowfin soldierfish, 17 cm TL (Mauritius).

© J.E. Randall, Bishop Museum

*Myripristis hexagona*, doubletooth soldierfish (Philippines).

© J.E. Randall, Bishop Museum

*Myripristis kuntee*, epaulette soldierfish (Maldives).

© J.E. Randall, Bishop Museum

*Myripristis murdjan*, blotcheye soldierfish, 15 cm TL (Red Sea).

© J.E. Randall, Bishop Museum

*Myripristis murdjan*, blotcheye soldierfish (Maldives).

© J.E. Randall, Bishop Museum

*Myripristis pralinia*, scarlet soldierfish, 16 cm TL (Guam).

Family **HOLOCENTRIDAE**, Squirrelfishes, soldierfishes



© JE Randall, Bishop Museum

*Myripristis seychellensis*, Seychelles soldierfish, 20 cm TL (Seychelles).



© JE Randall, Bishop Museum

*Myripristis seychellensis*, Seychelles soldierfish (Seychelles).



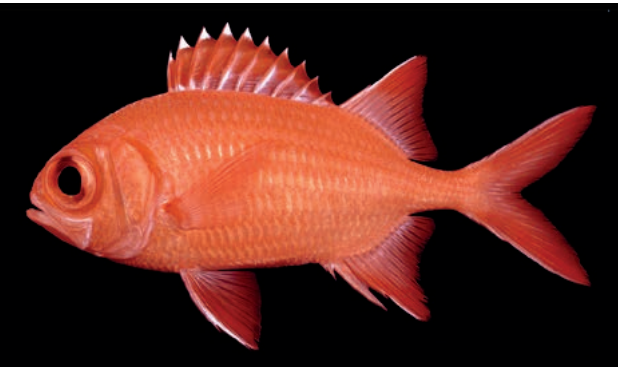
© JE Randall, Bishop Museum

*Myripristis violacea*, lattice soldierfish, 19 cm TL (Marshall Is.).



© JE Randall, Bishop Museum

*Myripristis violacea*, lattice soldierfish (Seychelles).



© JE Randall, Bishop Museum

*Myripristis vittata*, immaculate soldierfish, 16 cm TL (Mauritius).



© JE Randall, Bishop Museum

*Myripristis xanthacra*, yellow-tipped soldierfish (Red Sea).



© JE Randall, Bishop Museum

*Neoniphon argenteus*, silver squirrelfish, 16 cm TL (Marshall Is.).



© JE Randall, Bishop Museum

*Neoniphon aurolineatus*, yellow-striped squirrelfish, 24 cm TL (Réunion).

Family **HOLOCENTRIDAE**, Squirrelfishes, soldierfishes



© J.E. Randall, Bishop Museum

*Neoniphon opercularis*, blackfin squirrelfish (Maldives).



R. Bills © NRF-SAIAB

*Neoniphon sammara*, spotfin squirrelfish, juvenile (Mozambique).



© J.E. Randall, Bishop Museum

*Neoniphon sammara*, spotfin squirrelfish, 19 cm TL (Hawaii).



© J.E. Randall, Bishop Museum

*Neoniphon sammara*, spotfin squirrelfish (Red Sea).



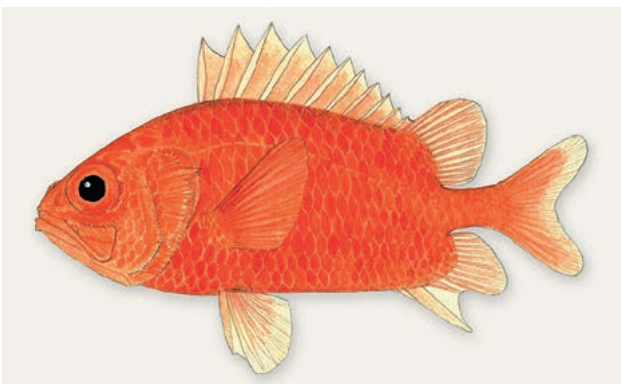
© D. Golani, HUJ

*Ostichthys acanthorhinus*, spiny snout soldierfish, 18 cm TL (Gulf of Aqaba).



© J.E. Randall, Bishop Museum

*Ostichthys archiepiscopus*, long snout soldierfish, 22 cm TL (Hawaii).



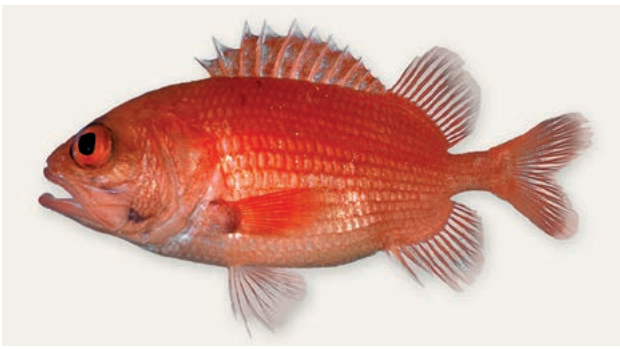
*Ostichthys delta*, redcoat soldierfish, 15 cm SL (Réunion).



© J.E. Randall, Bishop Museum

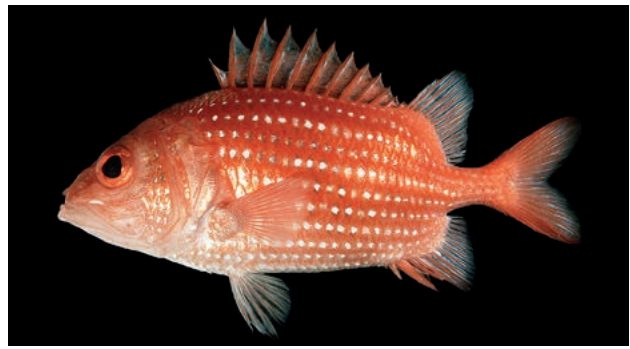
*Ostichthys sufensis*, Red Sea soldierfish, 21 cm TL (Red Sea).

Family **HOLOCENTRIDAE**, Squirrelfishes, soldierfishes



PC Heemstra © NRF-SA/AB

*Plectrypops lima*, shy soldierfish, 12 cm SL (Rodrigues).



© JE Randall, Bishop Museum

*Pristilepis oligolepis*, spinyface soldierfish, 25 cm TL (Japan).



© JE Randall, Bishop Museum

*Sargocentron caudimaculatum*, tailspot squirrelfish, 21 cm TL (Red Sea).



© JE Randall, Bishop Museum

*Sargocentron diadema*, crown squirrelfish, 14 cm TL (Réunion).



© R Winterbottom, ROM

*Sargocentron inaequalis*, lattice squirrelfish, 9 cm TL (Chagos).



© JE Randall, Bishop Museum

*Sargocentron ittodai*, samurai squirrelfish, 16 cm TL (Mauritius).



© JE Randall, Bishop Museum

*Sargocentron macrosquamis*, dwarf squirrelfish, 6 cm TL (Maldives).



© JE Randall, Bishop Museum

*Sargocentron marisrubri*, Red Sea squirrelfish, 15 cm TL (Red Sea).

Family **HOLOCENTRIDAE**, Squirrelfishes, soldierfishes



© PC Heemstra © NRF-SAIAB

*Sargocentron melanospilos*, blackspot squirrelfish, 5 cm SL (Seychelles).



© JE Randall, Bishop Museum

*Sargocentron melanospilos*, blackspot squirrelfish, 13 cm TL (New Caledonia).



© JE Randall, Bishop Museum

*Sargocentron melanospilos*, blackspot squirrelfish, 14 cm TL (Maldives).



© JE Randall, Bishop Museum

*Sargocentron microstoma*, slender squirrelfish, 16 cm TL (Maldives).



© JE Randall, Bishop Museum

*Sargocentron praslin*, dark-striped squirrelfish, 17 cm TL (Solomon Is.).



© JE Randall, Bishop Museum

*Sargocentron punctatissimum*, speckled squirrelfish, 9 cm TL (Maldives).



© JE Randall, Bishop Museum

*Sargocentron rubrum*, russet squirrelfish, 14 cm TL (Red Sea).



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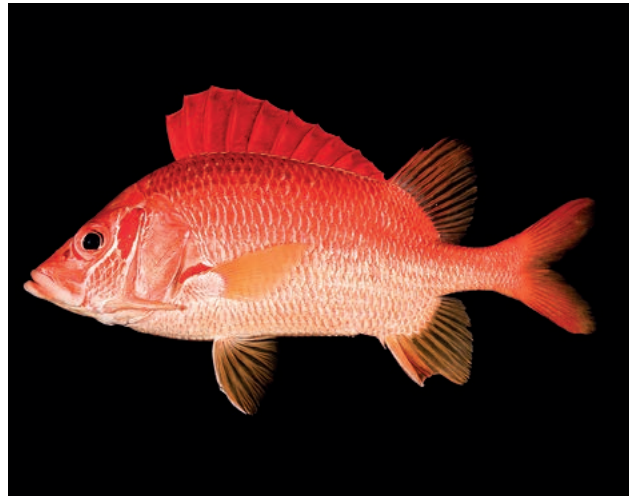
*Sargocentron seychellense*, yellow-tipped squirrelfish, 15 cm SL (Mauritius).

Family **HOLOCENTRIDAE**, Squirrelfishes, soldierfishes



© JE Randall, Bishop Museum

*Sargocentron seychellense*, yellow-tipped squirrelfish, 17 cm TL (Seychelles).



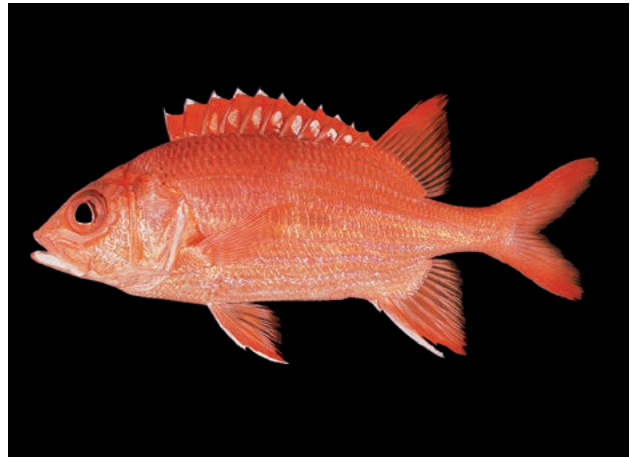
© JE Randall, Bishop Museum

*Sargocentron spiniferum*, sabre squirrelfish, 30 cm TL (Marshall Is.).



© JE Randall, Bishop Museum

*Sargocentron spiniferum*, sabre squirrelfish (Red Sea).



© JE Randall, Bishop Museum

*Sargocentron tiere*, red squirrelfish, 22 cm TL (Maldives).



© JE Randall, Bishop Museum

*Sargocentron tiereoides*, pink squirrelfish, 15 cm TL (Maldives).



© JE Randall, Bishop Museum

*Sargocentron violaceum*, white-edged squirrelfish, 34 cm TL (Maldives).



Family **ZEIDAE**, Dories



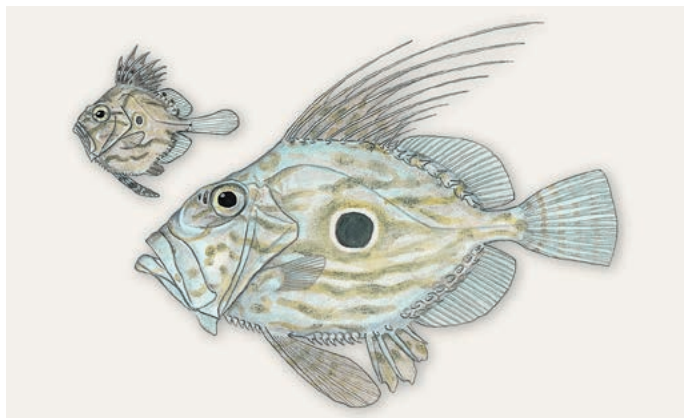
PC Heemstra © NRF-SAIAB

*Zenopsis conchifer*, buckler dory, 49 cm SL (Azores).



PC Heemstra © NRF-SAIAB

*Zeus capensis*, Cape dory, 15 cm SL (South Africa).



Source: CFSA

*Zeus faber*, John dory, 3 cm TL, juvenile (Angola); 39 cm TL, adult (South Africa).

Family **CYTTIDAE**, Zipper dories



O Alvhelm © IMR

*Cyttus traversi*, zipper dory, 30 cm TL (South Africa).



O Alvhelm © IMR

*Cyttus traversi*, zipper dory, 9 cm TL (South Africa).

Family **PARAZENIDAE**, Parazens



KK Bineesh © CMFRI

*Cyttopsis rosea*, rosy dory (SW India).



© S Kimura, FRLM

*Cyttopsis rosea*, rosy dory, 16 cm SL (Japan).



PC Heemstra © NRF-SAB

*Parazen pacificus*, parazen, 10 cm SL (Mozambique).

Family **OREOSOMATIDAE**, Oreos



O Alvhelm © IMR

*Allocyttus verrucosus*, warty oreo, 3 cm TL, young juvenile (South Africa).



O Alvhelm © IMR

*Allocyttus verrucosus*, warty oreo, 27 cm TL (South Africa).

Family **OREOSOMATIDAE**, Oreos



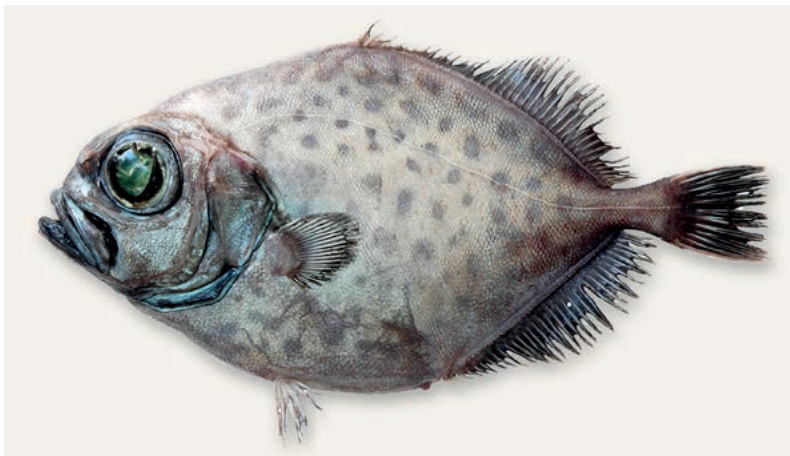
© G Zsilavecz, SURG

*Oreosoma atlanticum*, ox-eye oreo, 4 cm TL, young juvenile (South Africa).



PC Heemstra © NRF-SAI/AB

*Oreosoma atlanticum*, ox-eye oreo, 12 cm SL (Mozambique).



© Alvheim © IMR

*Pseudocyttus maculatus*, rough-edge oreo, 28 cm TL (South Africa).

Family **ZENIONTIDAE**, Dwarf dories



© Alvheim © IMR

*Zenion hololepis*, dwarf dory, 12 cm TL (Mozambique).



© F Ulljein, IMR

*Zenion leptolepis*, elongate dory, 7 cm SL (N Mozambique).

Family **GRAMMICOLEPIDIDAE**, Tinsselfishes



© K Matsuura, NSMT

*Grammicolepis brachiusculus*, thorny tinsselfish, 22 cm SL (W Atlantic Ocean).



PC Heemstra © NRF-SAIAB

*Xenolepidichthys dalgleishi*, spotted tinsselfish, 11 cm SL (Mozambique).



PC Heemstra © NRF-SAIAB

*Xenolepidichthys dalgleishi*, spotted tinsselfish, 7 cm SL, juvenile (Mozambique).

Family **PEGASIDAE**, Seamoths



© JE Randall, Bishop Museum

*Eurypegasus draconis*, broad seamoth, 7 cm SL, lateral view (Red Sea).



© DA Polack

*Eurypegasus draconis*, broad seamoth, ~8 cm TL (South Africa).



*Pegasus laternarius*, sabre seamoth, ~7 cm TL (Indian Ocean).

Family **PEGASIDAE**, Seamoths



© J.E. Randall, Bishop Museum

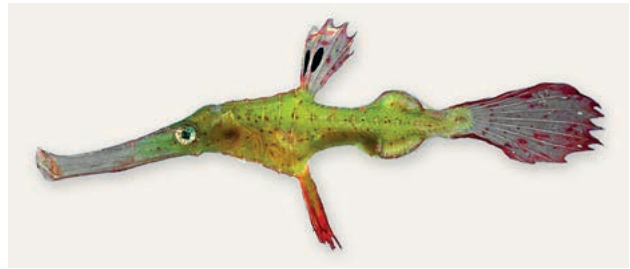
*Pegasus volitans*, longtail seamoth, 8 cm SL, dorsal view (Bahrain).

Family **SOLENOTOMIDAE**, Ghost pipefishes



© R. Field

*Solenostomus cyanopterus*, robust ghost pipefish (Saudi Arabia).



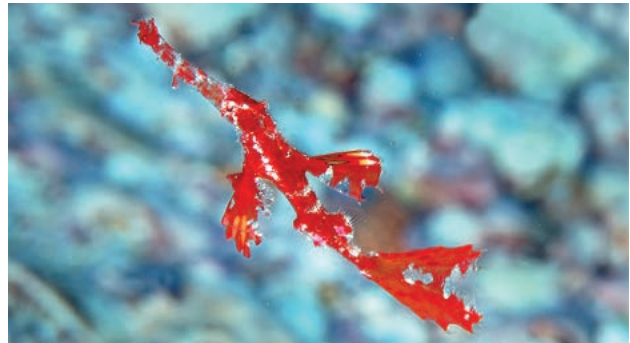
PC Heemstra © NRF-SAIAB

*Solenostomus cyanopterus*, robust ghost pipefish, 42 mm SL (South Africa).



© G de Valle

*Solenostomus* cf. *cyanopterus*, ghost pipefish (South Africa). #



C Floros © ORI/SAAMBR

*Solenostomus* cf. *cyanopterus*, ghost pipefish, immature male (South Africa). #



© G Barsch

*Solenostomus halimeda*, Halimeda ghost pipefish (Maldives).



PC Heemstra © NRF-SAIAB

*Solenostomus paradoxus*, ornate ghost pipefish, 90 mm SL (Comoros).

# = no species account

Family **SYNGNATHIDAE**, Pipefishes, pipehorses, seahorses



© V Fraser

*Acentronura mossambica*, Mozambique pygmy pipehorse (S Mozambique).



PC Heemstra © NRF-SA/AB

*Acentronura mossambica*, Mozambique pygmy pipehorse, 6 cm TL, with seagrass (S Mozambique).



© SV Bogorodsky

*Acentronura tentaculata*, hairy pygmy pipehorse (Red Sea).



PC Heemstra © NRF-SA/AB

*Acentronura* sp., Aliwal pygmy pipehorse, 44 mm SL, female (South Africa).



© orangkucing, CC BY-SA 4.0

*Bulbonaricus davaoensis*, Davao pughead pipefish (Japan).



© SV Bogorodsky

*Choerichthys valencienni*, Indian short-bodied pipefish (Red Sea).



© JE Randall, Bishop Museum

*Choerichthys sculptus*, sculptured pipefish, 5 cm SL (Kiribati).

Family SYNGNATHIDAE, Pipefishes, pipehorses, seahorses



© JE Randall, Bishop Museum

*Choeroichthys valencienni*, Indian short-bodied pipefish, 4 cm SL (Saudi Arabia).



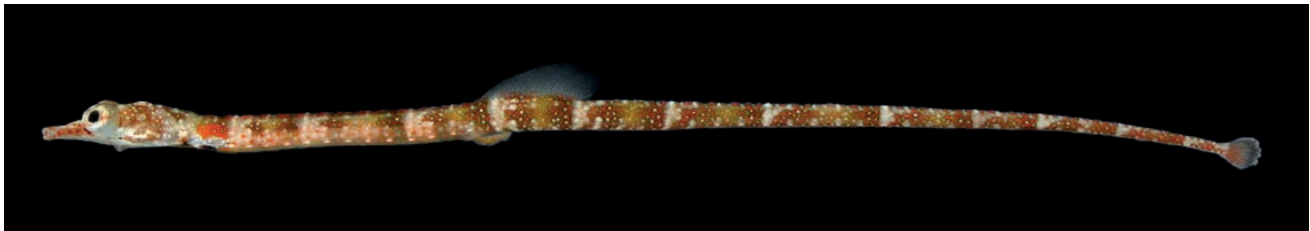
© JE Randall, Bishop Museum

*Choeroichthys valencienni*, Indian short-bodied pipefish, 4 cm SL (Mauritius).



KA Moots © NRF-SAIAB

*Corythoichthys amplexus*, brown-banded pipefish, female with typical WIO pattern (Seychelles).



KA Moots © NRF-SAIAB

*Corythoichthys amplexus*, brown-banded pipefish, male (Seychelles).



© JE Randall, Bishop Museum

*Corythoichthys flavofasciatus*, yellow-banded pipefish, gravid male above, female below (Oman).



PC Heermstra © NRF-SAIAB

*Corythoichthys flavofasciatus*, yellow-banded pipefish, 10 cm SL (Seychelles).

Family **SYNGNATHIDAE**, Pipefishes, pipehorses, seahorses



KA Moots © NRF-SAIAB

*Corythoichthys haematopterus*, reef-top pipefish, pale form (Seychelles).



KA Moots © NRF-SAIAB

*Corythoichthys haematopterus*, reef-top pipefish, lateral and ventral views (Seychelles).



PC Heemstra © NRF-SAIAB

*Corythoichthys insularis*, cheeked pipefish, 9 cm SL (Mauritius).



© JE Randall, Bishop Museum

*Corythoichthys haematopterus*, reef-top pipefish, 13 cm SL (Maldives).



© SV Bogorodsky

*Corythoichthys nigripectus*, black-breasted pipefish (Red Sea).



Family SYNGNATHIDAE, Pipefishes, pipehorses, seahorses



© JE Randall, Bishop Museum

*Corythoichthys schultzi*, Schultz's pipefish, 10 cm SL (Sudan).



© JE Randall, Bishop Museum

*Cosmocampus banneri*, roughridge pipefish, ~6 cm SL (Oman).



PC Heemstra © NRF-SAI/AB

*Cosmocampus banneri*, roughridge pipefish, 5 cm SL, brooding male (South Africa).



© GR Allen

*Cosmocampus investigatoris*, investigator pipefish (Indonesia).



© SV Bogorodsky

*Cosmocampus maxweberi*, Weber's pipefish (Red Sea).



© JE Randall, Bishop Museum

*Cosmocampus maxweberi*, Weber's pipefish, 5 cm SL (American Samoa).

Family **SYNGNATHIDAE**, Pipefishes, pipehorses, seahorses



© SV Bogorodsky

*Doryrhamphus abbreviatus*, Red Sea pipefish, 4 cm SL (Red Sea).



© J.E. Randall, Bishop Museum

*Doryrhamphus aurolineatus*, orangestripe pipefish, 3 cm SL (Oman).



PC Heemstra © NRF-SAJAB

*Doryrhamphus bicarinatus*, narrowstripe pipefish, 4 cm SL (South Africa).



© J.E. Randall, Bishop Museum

*Doryrhamphus excisus*, bluestripe pipefish, 6 cm SL (Persian/Arabian Gulf).



PC Heemstra © NRF-SAJAB

*Dunckerocampus boylei*, broad-banded pipefish, 16 cm SL, female (South Africa).

Family **SYNGNATHIDAE**, Pipefishes, pipehorses, seahorses



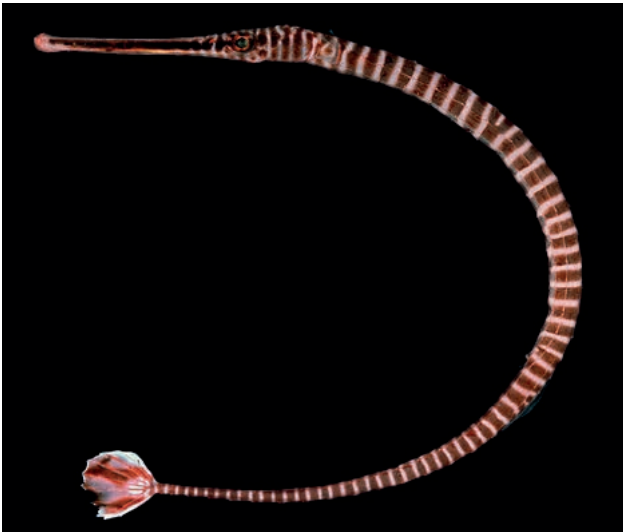
© P Laubscher

*Doryrhamphus bicarinatus*, narrowstripe pipefish (South Africa).



© SV Bogorodsky

*Dunckerocampus multiannulatus*, many-banded pipefish (Red Sea).



© JE Randall, Bishop Museum

*Dunckerocampus multiannulatus*, many-banded pipefish, 12 cm SL (Gulf of Aqaba).



© JE Randall, Bishop Museum

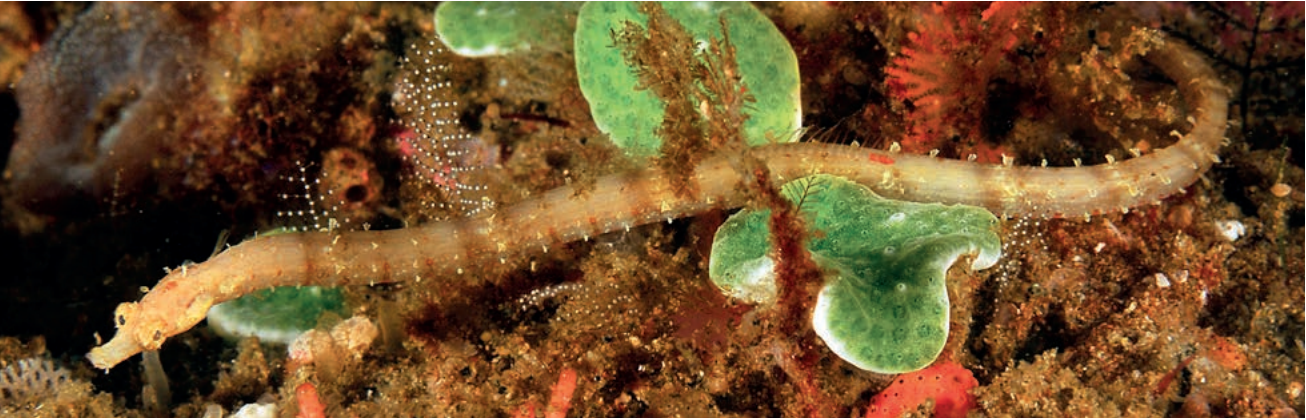
*Festucalex erythraeus*, red pipefish, 8 cm SL (Seychelles).



PC Heemstra © NRF-SAIAB

*Halicampus boothae*, Booth's pipefish, 11 cm SL (South Africa).

Family **SYNGNATHIDAE**, Pipefishes, pipehorses, seahorses



© V Fraser

*Halicampus dunckeri*, dusky pipefish (South Africa).



© SV Bogorodsky

*Halicampus dunckeri*, dusky pipefish (Red Sea).



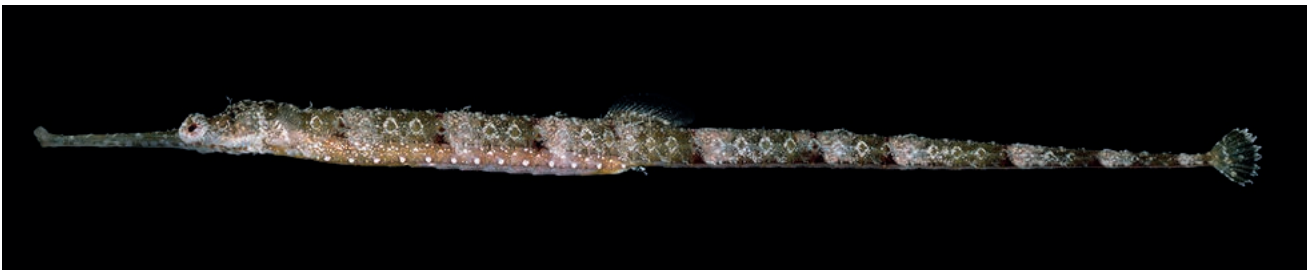
© GR Allen

*Halicampus grayi*, mud pipefish (Indonesia).

Family **SYNGNATHIDAE**, Pipefishes, pipehorses, seahorses

© J.E. Randall, Bishop Museum

*Halicampus macrorhynchus*, ornate pipefish, 10 cm SL, juvenile (Red Sea).



© J.E. Randall, Bishop Museum

*Halicampus macrorhynchus*, ornate pipefish, 13 cm SL (Red Sea).



O. Alveim, © IMR

*Halicampus macrorhynchus*, ornate pipefish, 13 cm SL (off Mauritius).



© W. Osborn

*Halicampus macrorhynchus*, ornate pipefish (Indonesia).

Family **SYNGNATHIDAE**, Pipefishes, pipehorses, seahorses



© R Winterbottom, ROM

*Halicampus mataafoe*, Samoan pipefish, 12 cm TL (South Africa).



© R Winterbottom, ROM

*Halicampus spinostris*, spiny-snout pipefish, 14 cm SL (Vietnam).



© SV Bogorodsky

*Halicampus mataafoe*, Samoan pipefish, 4 cm SL (Red Sea).



PC Heemstra © NRF-SAIMB

*Halicampus zavorensis*, Zavora pipefish, 10 cm SL (South Africa).



© D Swanepeel

*Halicampus zavorensis*, Zavora pipefish (South Africa).

Family **SYNGNATHIDAE**, Pipefishes, pipehorses, seahorses



PC Heemstra © NRF-SAIAB

*Hippichthys cyanospilos*, blue-speckled pipefish, 10 cm SL (S Mozambique).



© SV Bogorodsky

*Hippichthys cyanospilos*, blue-speckled pipefish, 9 cm SL (Red Sea).



© R Winterbottom, ROM

*Hippichthys heptagonus*, Madura pipefish, 9 cm SL (Thailand).



© JE Randall, Bishop Museum

*Hippichthys penicillus*, beady pipefish, 10 cm SL (Bahrain).

Family **SYNGNATHIDAE**, Pipefishes, pipehorses, seahorses



PC Heemstra © NRF-SAIAB

*Hippichthys spicifer*, bellybarred pipefish, 10 cm SL (S Mozambique).



© J Strömvoll

*Hippocampus borboniensis*, Réunion seahorse (S Mozambique).



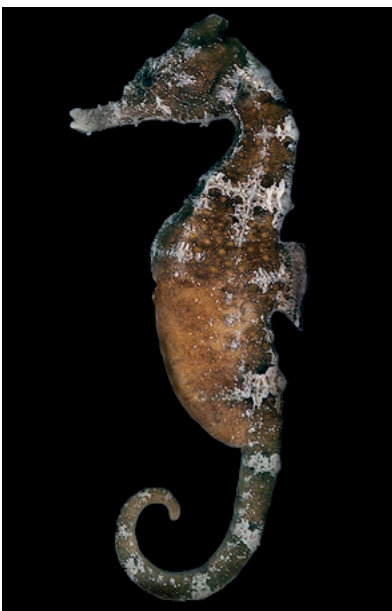
© SV Bogorodsky

*Hippichthys spicifer*, bellybarred pipefish, 9 cm SL (Red Sea).



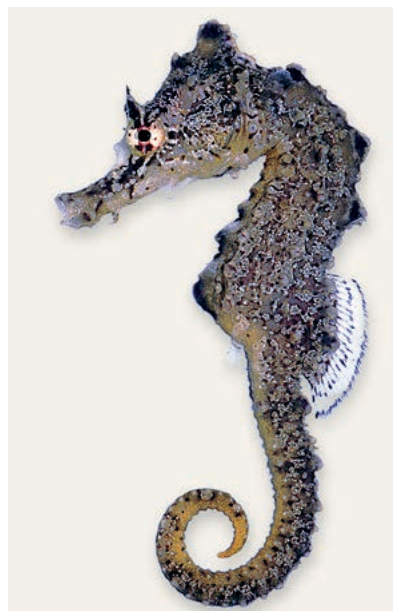
R Billis © NRF-SAIAB

*Hippichthys spicifer*, bellybarred pipefish (Mozambique).



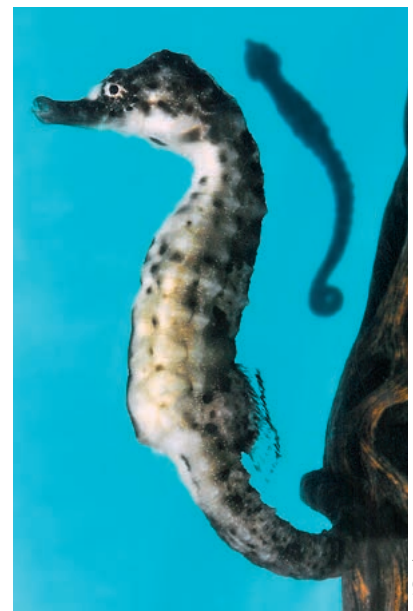
© JE Randall, Bishop Museum

*Hippocampus borboniensis*, Réunion seahorse, 6 cm TL, male (Seychelles).



PC Heemstra © NRF-SAIAB

*Hippocampus camelopardalis*, giraffe seahorse, 5 cm SL (S Mozambique).



© J Docherty

*Hippocampus capensis*, Knysna seahorse (South Africa).



Family **SYNGNATHIDAE**, Pipefishes, pipehorses, seahorses



© J Black

*Hippocampus comes*, tiger-tail seahorse (Thailand).



© S Kahlbrock

*Hippocampus debelius*, softcoral seahorse, female (Red Sea).



© S Kahlbrock

*Hippocampus debelius*, softcoral seahorse, male (Red Sea).



© SV Bogorodsky

*Hippocampus fuscus*, drab seahorse, 6 cm TL (Red Sea).



© JE Randall, Bishop Museum

*Hippocampus jayakari*, spiny seahorse, 7 cm TL (Gulf of Aqaba).



© JE Randall, Bishop Museum

*Hippocampus jayakari*, spiny seahorse, 4 cm TL (Gulf of Aqaba).



© Alvhelm © IMR

*Hippocampus kuda*, spotted seahorse, 14 cm TL (Mozambique).



© PC Heemstra © NRF-SAAB

*Hippocampus* sp. 1, African thorny seahorse, 18 cm SL (Gulf of Aqaba).



© G de Valle

*Hippocampus* sp. 1, African thorny seahorse (South Africa).

Family **SYNGNATHIDAE**, Pipefishes, pipehorses, seahorses



© J Strömvoll

*Hippocampus natalensis*, cryptic seahorse (S Mozambique).



© V Fraser

*Hippocampus natalensis*, cryptic seahorse (S Mozambique).



© J Kämminga

*Hippocampus* sp. 2, African short-snouted thorny seahorse (South Africa).



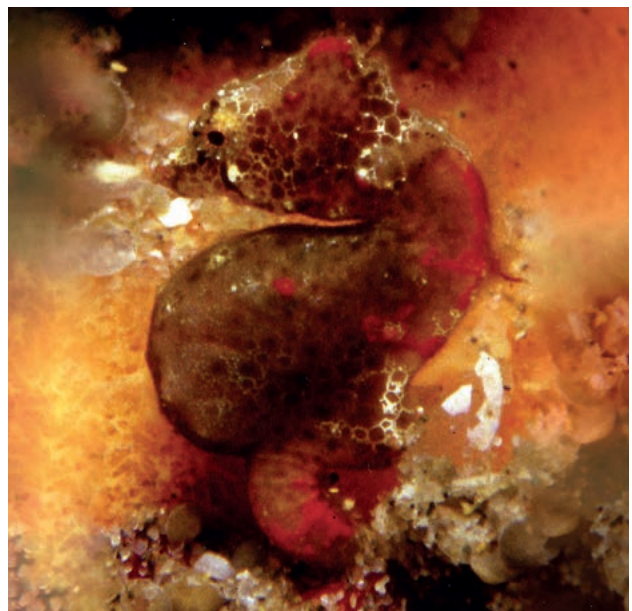
© C van Jaarsveld

*Hippocampus* sp. 3, Sodwana puff seahorse (South Africa).



© N Ayliffe

*Hippocampus* sp. 3, Sodwana puff seahorse (South Africa).



*Hippocampus nalu*, Sodwana pygmy seahorse (South Africa).

Family **SYNGNATHIDAE**, Pipefishes, pipehorses, seahorses



© JE Randall, Bishop Museum

*Hippocampus suzezensis*, Egyptian seahorse, 4 cm SL (Persian/Arabian Gulf).



© A Ryansky

*Hippocampus suzezensis*, Egyptian seahorse (Red Sea).



© JE Randall, Bishop Museum

*Hippocampus tyro*, 6 cm TL, female holotype (Seychelles).



© SV Bogorodsky

*Kyonemichthys rumengani*, pygmy pipedragon (Red Sea).



© JE Randall, Bishop Museum

*Lissocampus bannwarthi*, Suez pipefish, 13 cm SL (Egypt).



© SV Bogorodsky

*Micrognathus andersonii*, shortnose pipefish (Red Sea).

Family **SYNGNATHIDAE**, Pipefishes, pipehorses, seahorses



© SV Bogorodsky

*Micrognathus andersonii*, shortnose pipefish, 2 cm SL (Red Sea).



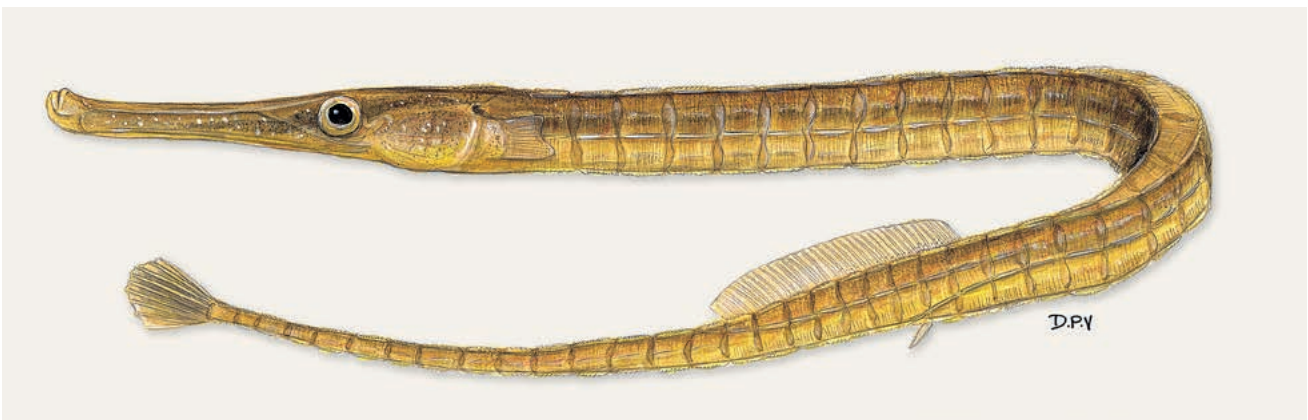
© JE Randall, Bishop Museum

*Micrognathus andersonii*, shortnose pipefish, 7 cm SL (Bahrain).



PC Heemstra © NRF-SAIAB

*Micrognathus* sp., 3 cm SL (Rodrigues). #



Source: Skelton 1993

*Microphis millepunctatus*, thousand-spot river pipefish, 15 cm SL, female (South Africa).

# = no species account

Family SYNGNATHIDAE, Pipefishes, pipehorses, seahorses



© P. Keitn, MNHN

*Microphis argulus*, flatnosed river pipefish (Réunion).



© R Winterbottom, ROM

*Microphis brachyurus*, shorttailed river pipefish, 16 cm SL (Palau).



Source: Pethiyagoda 1991

*Microphis ocellatus*, ocellated river pipefish (Sri Lanka).



R Bills © NRF-SAIAB

*Microphis fluviatilis*, freshwater pipefish, 13 cm SL (N Mozambique).



PC Heemstra © NRF-SAIAB

*Microphis millepunctatus*, thousand-spot river pipefish, 10 cm SL (Mauritius).



Source: Pethiyagoda 1991

*Microphis ocellatus*, ocellated river pipefish (Sri Lanka).

Family **SYNGNATHIDAE**, Pipefishes, pipehorses, seahorses



© RH Kuiter

*Minyichthys myersi*, Myer's pipefish, 4 cm TL (Indonesia).



PC Heemstra © NRF-SAIAB

*Nannocampus elegans*, elegant pipefish, 5 cm SL (S Mozambique).



© M Morris & D Pritchard

*Nannocampus elegans*, elegant pipefish (South Africa).



PC Heemstra © NRF-SAIAB

*Nannocampus* sp., deepwater nanno, 54 mm SL (South Africa).



© R Winterbottom, ROM

*Nannocampus pictus*, painted reef pipefish, 65 mm SL (Comoros).

Family **SYNGNATHIDAE**, Pipefishes, pipehorses, seahorses



© SV Bogorodsky

*Phoxocampus belcheri*, rock pipefish, 4 cm SL (Red Sea).



© RH Kuitert

*Phoxocampus diacanthus*, pale-blotched pipefish, ~5 cm TL (Australia).



© SV Bogorodsky

*Siokunichthys bentuviai*, Bentuvia's pipefish, 6 cm SL (Red Sea).



© RH Kuitert

*Solegnathus hardwickii*, Hardwick's pipehorse, 45 cm TL (Japan). #



© SV Bogorodsky

*Siokunichthys bentuviai*, Bentuvia's pipefish (Red Sea).



© A Ryanskiy

*Siokunichthys breviceps*, softcoral pipefish (Indonesia).



© W Tian

*Siokunichthys herrei*, Herre's pipefish (Indonesia).

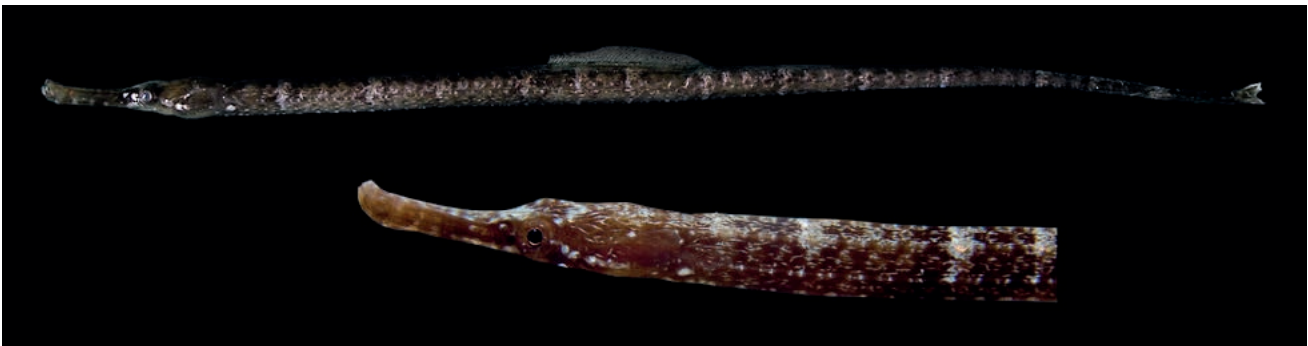
# = no species account

Family **SYNGNATHIDAE**, Pipefishes, pipehorses, seahorses



PC Heemstra © NRF-SA/AB

*Syngnathoides biaculeatus*, alligator pipehorse, 19 cm SL (S Mozambique).



© SV Bogorodsky

*Syngnathus abaster*, black-striped pipefish (Black Sea).



© SV Bogorodsky

*Syngnathus macrophthalmus*, Hurghada pipefish, 9 cm SL (Gulf of Suez).



© T Paulus

*Syngnathus safina*, wreck pipefish (Gulf of Aqaba).



Family **SYNGNATHIDAE**, Pipefishes, pipehorses, seahorses



PC Heemstra © NRF-SAIAB

*Syngnathus temminckii*, African longnose pipefish, 16 cm SL (South Africa).



© J Swanepeel

*Syngnathus temminckii*, African longnose pipefish (South Africa).



© G Zsilavecz, SURG

*Syngnathus temminckii*, African longnose pipefish (South Africa).



AK Whitfield © NRF-SAIAB

*Syngnathus watermeyeri*, Watermeyer's pipefish, ~9 cm SL (South Africa).



PC Heemstra © NRF-SAIAB

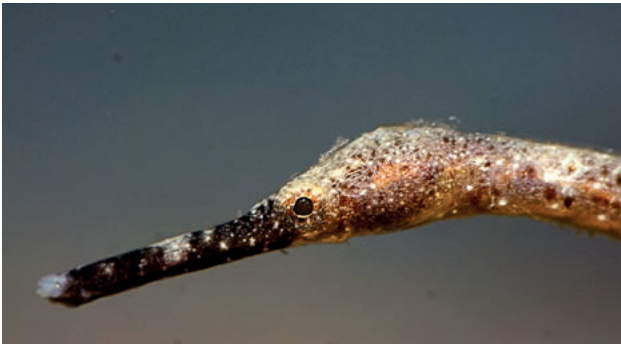
*Syngnathus watermeyeri*, Watermeyer's pipefish, 12 cm SL (South Africa).



PC Heemstra © NRF-SAIAB

*Trachyrhamphus bicoarctatus*, double-ended pipefish, 39 cm SL, male (Red Sea).

Family **SYNGNATHIDAE**, Pipefishes, pipehorses, seahorses



© J. Strömvoll

*Trachyrhamphus bicoarctatus*, double-ended pipefish (S Mozambique).



© V. Fraser

*Trachyrhamphus bicoarctatus*, double-ended pipefish (S Mozambique).



© JE Randall, Bishop Museum

*Trachyrhamphus bicoarctatus*, double-ended pipefish, 39 cm SL (Seychelles).



© SV Bogorodsky

*Trachyrhamphus bicoarctatus*, double-ended pipefish, juvenile (Red Sea).



© SV Bogorodsky

*Trachyrhamphus longirostris*, long-snouted pipefish, 20 cm SL (Red Sea).



© RH Kuitert

*Trachyrhamphus longirostris*, long-snouted pipefish, 30 cm TL (Indonesia).

Family **AULOSTOMIDAE**, Trumpetfishes



© Alvhelm © IMR

*Aulostomus chinensis*, Chinese trumpetfish, 16 cm TL, juvenile (N Mozambique).



© DR King

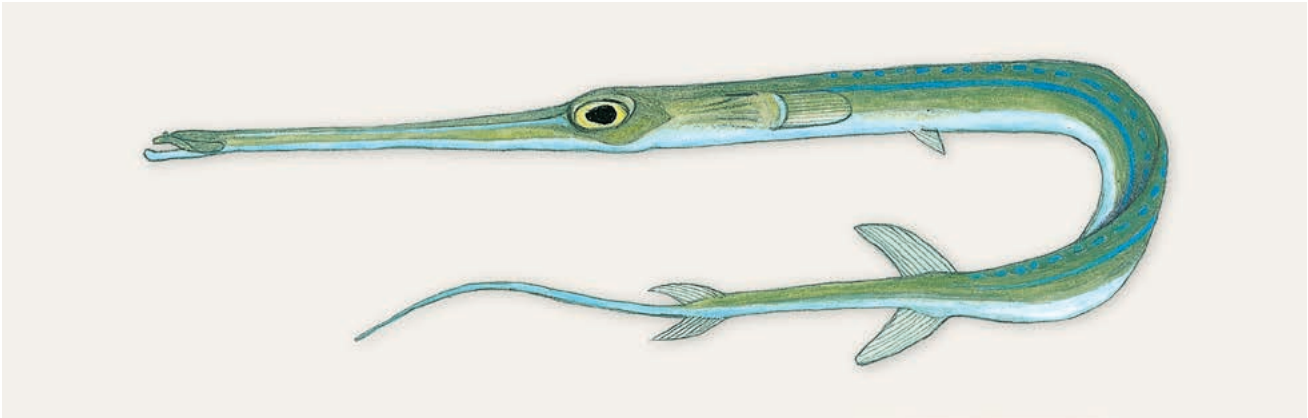
*Aulostomus chinensis*, Chinese trumpetfish (South Africa).



© R Field

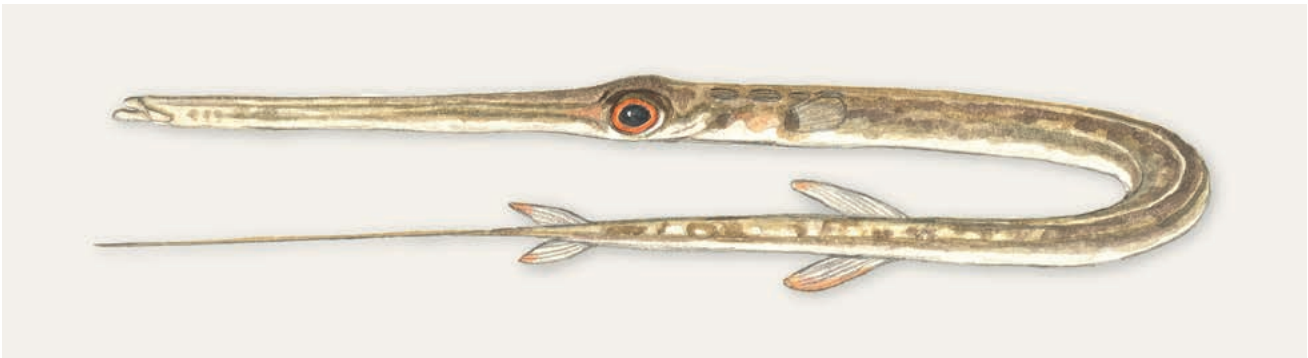
*Aulostomus chinensis*, Chinese trumpetfish (Red Sea).

Family **FISTULARIIDAE**, Flutemouths



Source: CFSA

*Fistularia commersonii*, smooth flutemouth, 48 cm TL (South Africa).



*Fistularia petimba*, serrate flutemouth, 29 cm FL (Mozambique).

Family **FISTULARIIDAE**, Flutemouths



© SV Bogorodsky

*Fistularia petimba*, serrate flutemouth, 50 cm SL (Red Sea).

Family **MACRORAMPHOSIDAE**, Snipefishes, bellowsfishes



© Alvheim © IMR

*Centriscopus humerosus*, banded snipefish, 14 cm TL, juvenile (South Africa).



S Ribes © AV2010

*Macroramphosus gracilis*, slender snipefish (Madagascar).



PC Heemstra © NRF-SAIAB

*Macroramphosus scolopax*, deep-body snipefish, 9 cm SL (Mozambique).



© Alvheim © IMR

*Notopogon macrosolen*, smooth bellowsfish, 23 cm SL, male (South Africa).



S Ribes © AV2010

*Notopogon xenosoma*, longspine bellowsfish, 11 cm SL (Madagascar).

Family **CENTRISCIDAE**, Shrimpfishes



© SV Bogorodsky

*Aeoliscus punctulatus*, spotted shrimpfish (Gulf of Aqaba).



© R Koch

*Aeoliscus punctulatus*, spotted shrimpfish (Mozambique).



© JE Randall, Bishop Museum

*Aeoliscus strigatus*, striped shrimpfish, 11 cm TL (Seychelles).



© JE Randall, Bishop Museum

*Centriscus scutatus*, groovy shrimpfish, 9 cm TL (Kuwait).

Family **SCORPAENIDAE**, Scorpionfishes, lionfishes



© JE Randall, Bishop Museum

*Brachypterois serrulata*, sawcheek scorpionfish, 8 cm SL (Oman).



© JE Randall, Bishop Museum

*Caracanthus madagascariensis*, Madagascar coral croucher, 3 cm SL (Seychelles).

Family **SCORPAENIDAE**, Scorpionfishes, lionfishes



PC Heemstra © NRF-SAIAB

*Caracanthus unipinna*, pygmy coral croucher, 3 cm SL (Comoros).



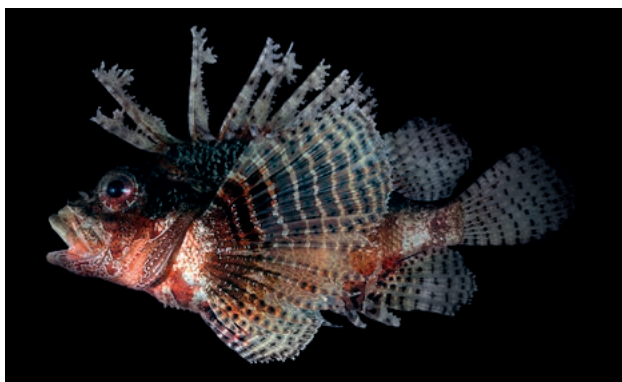
PC Heemstra © NRF-SAIAB

*Dendrochirus biocellatus*, ocellated lionfish, 4 cm SL (Comoros).



© SV Bogorodsky

*Dendrochirus hemprichi*, Red Sea dwarf lionfish (Red Sea).



PC Heemstra © NRF-SAIAB

*Dendrochirus hemprichi*, Red Sea dwarf lionfish, 10 cm SL (Red Sea).



PC Heemstra © NRF-SAIAB

*Dendrochirus zebra*, zebra lionfish, 5 cm SL (Seychelles).



O Alvheim © IMR

*Ebosia falcata*, falcate lionfish, 12 cm TL, female (Myanmar).



O Alvheim © IMR

*Ebosia falcata*, falcate lionfish, 15 cm TL, male (Myanmar).



M Lee © AV2010

*Ebosia vespertina*, western falcate lionfish, male (Madagascar).

Family **SCORPAENIDAE**, Scorpionfishes, lionfishes



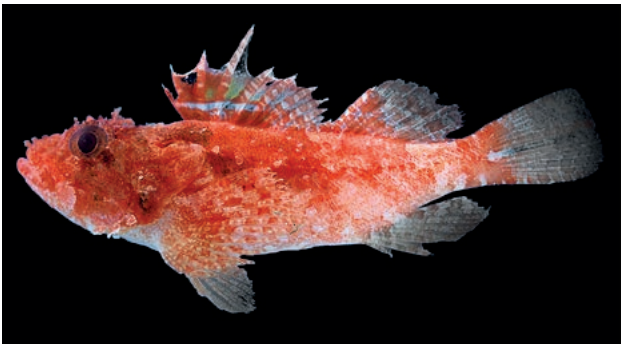
R Palmer © NRF-SAIAB

*Ebosia vespertina*, western falcate lionfish, female (South Africa).



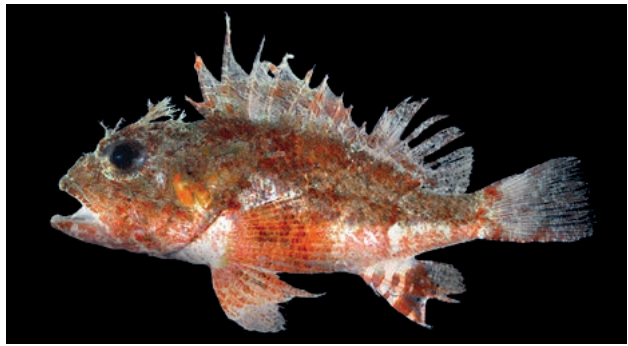
PC Heemstra © NRF-SAIAB

*Helicolenus dactylopterus*, jacopecover, 23 cm SL (Mozambique).



PC Heemstra © NRF-SAIAB

*Iracundus signifer*, decoy scorpionfish, 7 cm SL (South Africa).



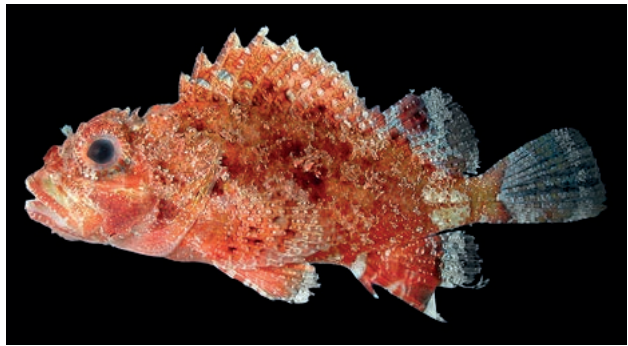
PC Heemstra © NRF-SAIAB

*Neomerinthe nielseni*, spotfin scorpionfish, 7 cm SL (N Mozambique).



R Palmer © NRF-SAIAB

*Parapterois heterura*, blackfoot firefish (South Africa).



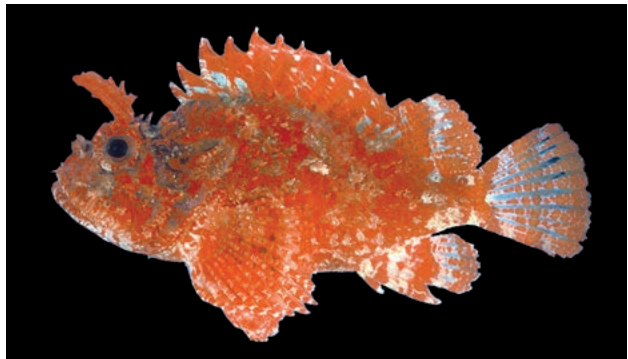
PC Heemstra © NRF-SAIAB

*Parascorpaena aurita*, golden scorpionfish, 35 mm SL (Seychelles).



© J.E. Randall, Bishop Museum

*Parascorpaena mcadamsi*, McAdam's scorpionfish, 7 cm SL (South Africa).



PC Heemstra © NRF-SAIAB

*Parascorpaena mossambica*, Mozambique scorpionfish, 8 cm SL (South Africa).

Family **SCORPAENIDAE**, Scorpionfishes, lionfishes



© Alvhelm © IMR/ASCLME

*Pontinus nigerimum*, blacklash scorpionfish, 27 cm TL (Saya de Malha Bank).



© PC Heemstra © NRF-SAIAB

*Pontinus nigerimum*, blacklash scorpionfish, 19 cm SL (Mozambique).



© JE Randall; Bishop Museum

*Pteroidichthys amboinensis*, Ambon scorpionfish, 4 cm SL (Indonesia).



© PC Heemstra © NRF-SAIAB

*Pterois antennata*, broadbarred lionfish, 17 cm SL (South Africa).



© HUMZ

*Pterois brevipectoralis*, short-finned lionfish, 12 cm SL (Saya de Malha Bank).



© SV Bogorodsky

*Pterois cincta*, Red Sea lionfish (Red Sea).



Family **SCORPAENIDAE**, Scorpionfishes, lionfishes



© O. Alvheim, © IMR

*Pterois miles*, devil firefish, 31 cm SL, adult (Seychelles).



© JE Randall, Bishop Museum

*Pterois mombasae*, Mombasa turkeyfish, 14 cm SL (Oman).



© PC Heemstra, © NRF-SAIAB

*Pterois radiata*, radial lionfish, 12 cm SL (Seychelles).



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*Pterois russelii*, plaintail lionfish, 18 cm SL (SW India).



© O. Alvheim, © IMR

*Pterois russelii*, plaintail lionfish, 18 cm TL (N Mozambique).



© J. Pereira

*Rhinopias eschmeyeri*, Eschmeyer's scorpionfish (South Africa).



© PC Heemstra, © NRF-SAIAB

*Rhinopias frondosa*, weedy scorpionfish, 12 cm SL (N Mozambique).



© JE Randall, Bishop Museum

*Rhinopias xenops*, tattered scorpionfish, 12 cm SL (Hawaii).

Family **SCORPAENIDAE**, Scorpionfishes, lionfishes



R Palmer © NRF-SAIAB

*Scorpaena* cf. *scrofa*, red bigscale scorpionfish, ~30 cm TL (South Africa).



PC Heemstra © NRF-SAIAB

*Scorpaena* cf. *scrofa*, red bigscale scorpionfish, 18 cm SL (South Africa).



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*Scorpaenodes albaiensis*, long-rayed scorpionfish, 6 cm SL (Maldives).



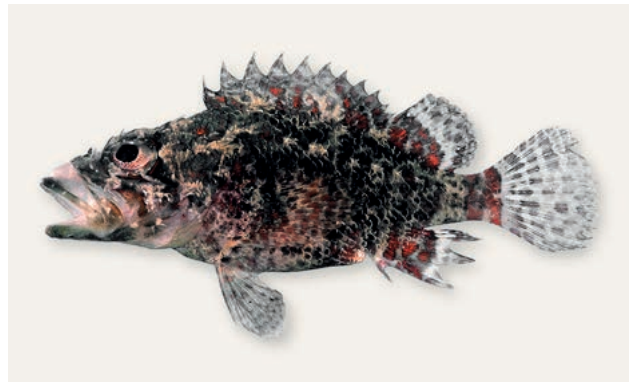
© JE Randall, Bishop Museum

*Scorpaenodes corallinus*, coral scorpionfish, 6 cm SL (Hawaii).



© JE Randall, Bishop Museum

*Scorpaenodes evides*, cheek spot scorpionfish, 8 cm SL (Oman).



PC Heemstra © NRF-SAIAB

*Scorpaenodes guamensis*, Guam scorpionfish, 6 cm SL (Rodrigues).



© SV Bogorodsky

*Scorpaenodes guamensis*, Guam scorpionfish (Red Sea).



© SV Bogorodsky

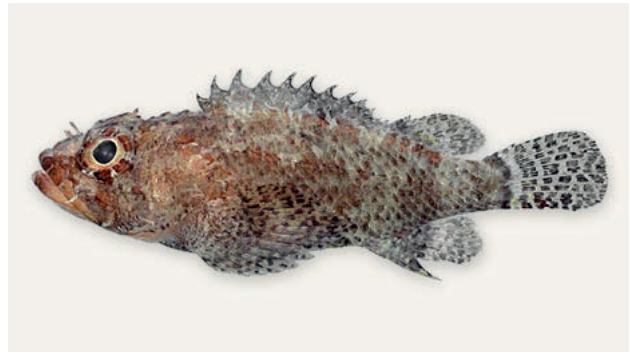
*Scorpaenodes hirsutus*, hairy scorpionfish (Red Sea).

Family **SCORPAENIDAE**, Scorpionfishes, lionfishes



PC Heemstra © NRF-SAIAB

*Scorpaenodes hirsutus*, hairy scorpionfish, 3 cm SL (South Africa).



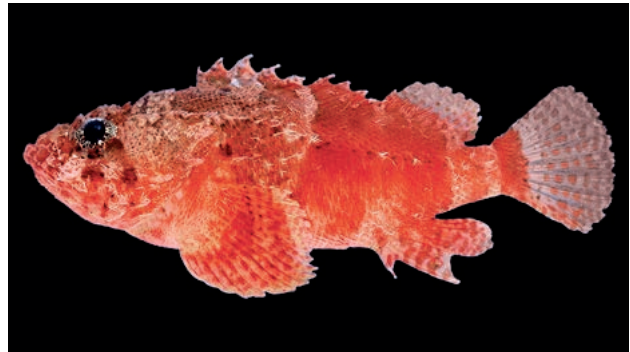
PC Heemstra © NRF-SAIAB

*Scorpaenodes kelloggi*, dwarf scorpionfish, 3 cm SL (Seychelles).



© JE Randall, Bishop Museum

*Scorpaenodes minor*, minor scorpionfish, 4 cm SL (Japan).



PC Heemstra © NRF-SAIAB

*Scorpaenodes parvipinnis*, lowfin scorpionfish, 8 cm SL (South Africa).



© SV Bogorodsky

*Scorpaenodes parvipinnis*, lowfin scorpionfish (Red Sea).



© JE Randall, Bishop Museum

*Scorpaenodes steinitzi*, Steinitz's scorpionfish, 5 cm SL (Gulf of Aqaba).



© SV Bogorodsky

*Scorpaenodes steinitzi*, Steinitz's scorpionfish (Red Sea).



PC Heemstra © NRF-SAIAB

*Scorpaenodes varipinnis*, blotchfin scorpionfish, 5 cm SL (Comoros).

Family **SCORPAENIDAE**, Scorpionfishes, lionfishes



© J.E. Randall, Bishop Museum

*Scorpaenopsis barbata*, bearded scorpionfish, 15 cm SL (Oman).



© J.E. Randall, Bishop Museum

*Scorpaenopsis cotticeps*, sculpin scorpionfish, 5 cm SL (Philippines).



PC Heemstra © NRF-SAIAB

*Scorpaenopsis diabolus*, false scorpionfish, 9 cm SL (South Africa).



PC Heemstra © NRF-SAIAB

*Scorpaenopsis gibbosa*, humpbacked scorpionfish, 6 cm SL (Rodrigues).



PC Heemstra © NRF-SAIAB

*Scorpaenopsis gilchristi*, Gilchrist's scorpionfish, 4 cm SL (South Africa).



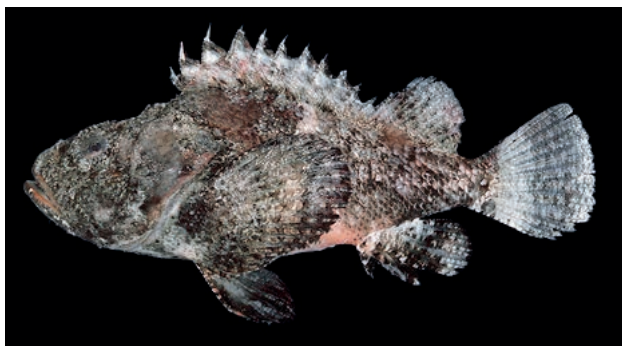
PC Heemstra © NRF-SAIAB

*Scorpaenopsis longispina*, longspined false stonefish, 8 cm SL (Rodrigues).



© J.E. Randall, Bishop Museum

*Scorpaenopsis macrochir*, rough humpbacked scorpionfish, ~9 cm TL (Indonesia).



© J.E. Randall, Bishop Museum

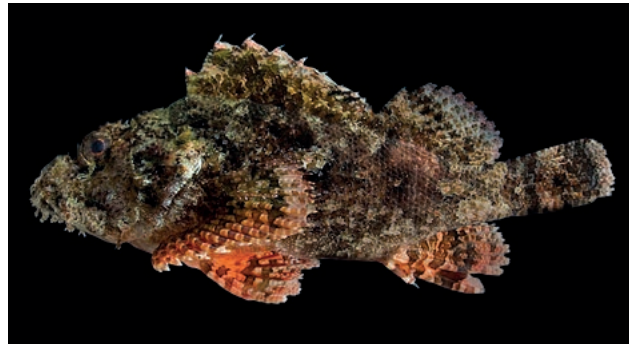
*Scorpaenopsis neglecta*, yellowfin scorpionfish, 8 cm SL (India).

Family **SCORPAENIDAE**, Scorpionfishes, lionfishes



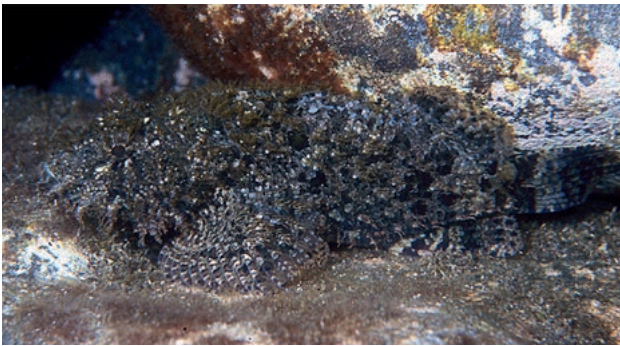
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*Scorpaenopsis oxycephala*, tasselled scorpionfish, 9 cm SL (Seychelles).



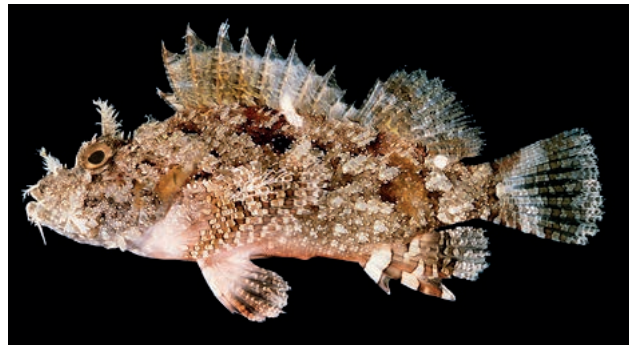
© S.V. Bogorodsky

*Scorpaenopsis possi*, Poss's scorpionfish, 14 cm SL (Red Sea).



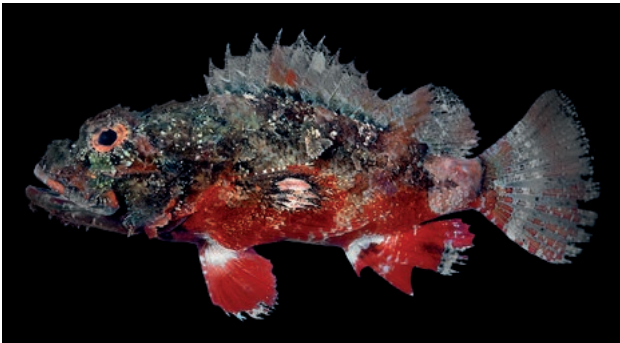
© J.E. Randall, Bishop Museum

*Scorpaenopsis ramaraoi*, Rama-Rao's scorpionfish.



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*Scorpaenopsis venosa*, raggy scorpionfish, 7 cm SL (SW India).



© P.C. Heemstra © NRF-SAIAB

*Scorpaenopsis vittapinna*, bigmouth scorpionfish, 5 cm SL (South Africa).



© J.E. Randall, Bishop Museum

*Scorpaenopsis vittapinna*, bigmouth scorpionfish, 4 cm SL (South Africa).



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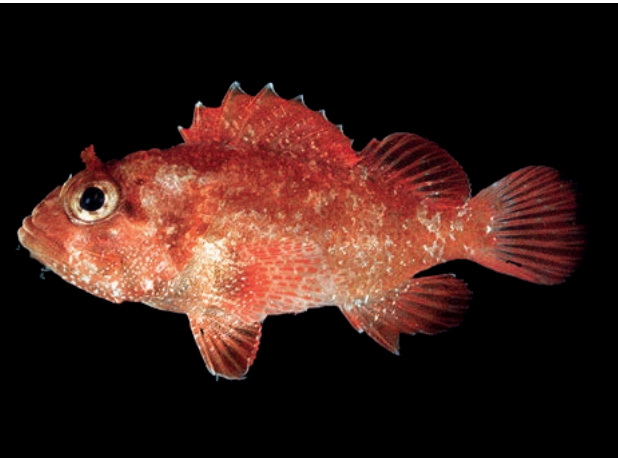
*Sebastapistes cyanostigma*, yellowspotted scorpionfish, 5 cm SL (Red Sea).



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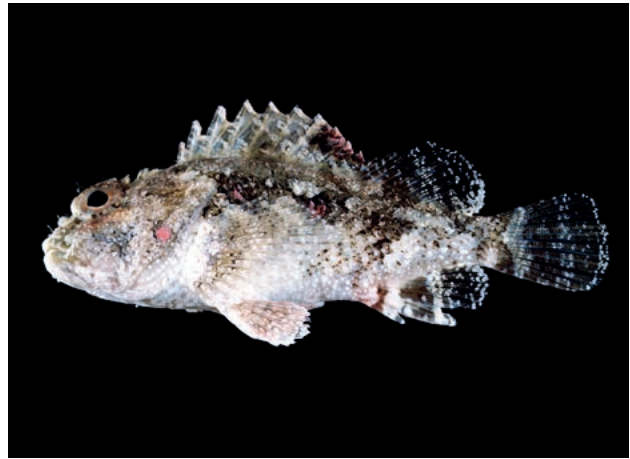
*Sebastapistes cyanostigma*, yellowspotted scorpionfish (Red Sea).

Family **SCORPAENIDAE**, Scorpionfishes, lionfishes



© J.E. Randall, Bishop Museum

*Sebastapistes fowleri*, dwarf scorpionfish, 2 cm SL (French Polynesia).



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*Sebastapistes mauritiana*, spineblotch scorpionfish, 6 cm SL (Mauritius).



© SY Bogorodsky

*Sebastapistes strongia*, barchin scorpionfish (Red Sea).



© J.E. Randall, Bishop Museum

*Sebastapistes tinkhami*, darkspotted scorpionfish, 4 cm SL (Réunion).



© Alivheim © IMR

*Sebastes capensis*, false jacobever, 28 cm TL (South Africa). #

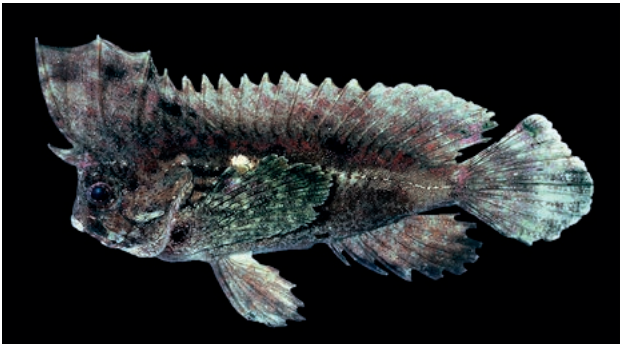


© PC Heemstra © NRF-SAIAB

*Taenianotus triacanthus*, paperfish, ~10 cm SL (Comoros).

# = no species account

Family **TETRAROGIDAE**, Waspfishes



PC Heemstra © NRF-SA/AB

*Ablabys binotatus*, redskinfish, 3 cm SL (S Mozambique).



© C Floros

*Ablabys macracanthus*, spiny waspfish (Indonesia).



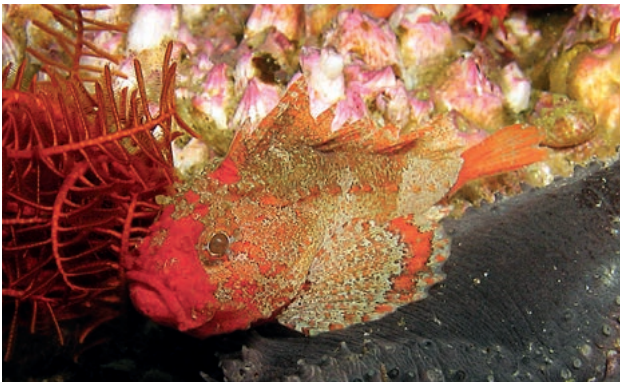
© DA Polack

*Ablabys taenianotus*, cockatoo waspfish, ~10 cm TL (Indonesia).



PC Heemstra © NRF-SA/AB

*Coccotropsis gymnoderma*, smooth-skin waspfish, 4 cm SL (South Africa).



© G Zsiavacz, SURG

*Coccotropsis gymnoderma*, smooth-skin waspfish (South Africa).



O Alvineit © IMR/ASCLME

*Ocosia possi*, Poss's waspfish (Mascarene Ridge).



© DA Polack

*Paracentropogon longispinis*, wispy waspfish, ~10 cm TL (Indonesia).



PC Heemstra © NRF-SA/AB

*Richardsonichthys leucogaster*, whiteface waspfish, 8 cm SL (Mozambique).

Family **TETRAROGIDAE**, Waspfishes



KK Bineesh © CMFRI

*Snyderina guentheri*, Günther's waspfish, 17 cm TL (SW India).



PC Heemstra © NRF-SAIAB

*Snyderina* sp., 13 cm SL (Mozambique Channel). #



© P Timm

*Snyderina* sp., Mozambique Channel waspfish (South Africa). #



© JE Randall, Bishop Museum

*Vespicula dracaena*, brown smooth stingfish, 3 cm SL (Persian/Arabian Gulf).

Family **APLOACTINIDAE**, Velvetfishes



© P Märker

*Acanthosphex leuynnis*, wasp-spine velvetfish, ~10 mm TL (Philippines).



© GR Allen

*Acanthosphex leuynnis*, wasp-spine velvetfish (New Guinea).



A Grant © NRF-SAIAB

*Cocotropus monacanthus*, roughskin velvetfish, 25 mm SL (South Africa).

# = no species account



© H Iimamura

*Cocotropus roseomaculatus*, rose-spotted velvetfish, 29 mm SL, type (South Africa).



Family **APLOACTINIDAE**, Velvetfishes



© D Golani, HUJ

*Cocotropus steinitzi*, Steinitz's velvetfish (Red Sea).



© JE Randall, Bishop Museum

*Ptarmus gallus*, cock velvetfish, 31 mm SL (Red Sea).



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*Ptarmus gallus*, cock velvetfish (Red Sea).



© Gon © NRF-SAIAB

*Ptarmus jubatus*, crested velvetfish (South Africa).

Family **CONGIOPODIDAE**, Horsefishes



© G Gouws © NRF-SAIAB

*Congiopus spinifer*, spinynose horsefish, 17 cm SL (South Africa).



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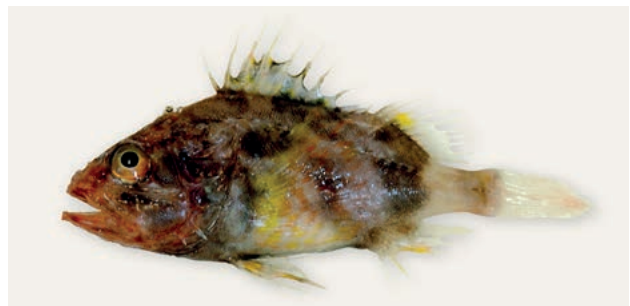
*Congiopus torvus*, smooth horsefish, 18 cm SL (South Africa).

Family **SETARCHIDAE**, Deepsea bristly scorpionfishes



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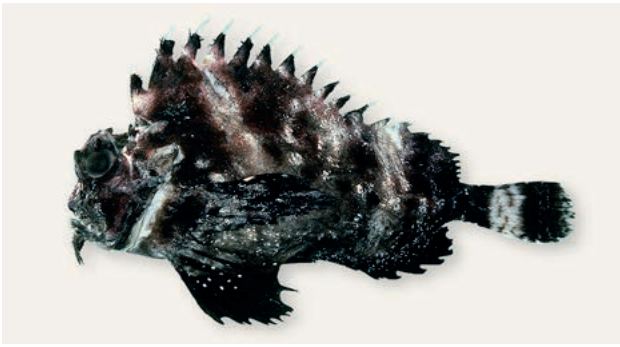
*Ectreposebastes imus*, midwater scorpionfish, 18 cm TL, adult (Mozambique).



© O Alvhheim © IMR

*Ectreposebastes imus*, midwater scorpionfish, 6 cm TL, juvenile (Mozambique).

Family **SYNANCEIIDAE**, True stonefishes, stingfishes



© J.E. Randall, Bishop Museum

*Choridactylus multibarbus*, orange-banded stingfish, 9 cm SL (Bahrain).



© NRF-SAIAB

*Choridactylus natalensis*, three-stick stingfish, 10 cm SL (Mozambique).



© J.E. Randall, Bishop Museum

*Choridactylus striatus*, lined stingfish, 19 cm SL (Oman).



© C van Jaarsveld

*Inimicus filamentosus*, filament-finned stinger (South Africa).



© J.E. Randall, Bishop Museum

*Inimicus filamentosus*, filament-finned stinger, 13 cm SL (Seychelles).



© DA Polack

*Inimicus sinensis*, spotted ghoul (Indonesia).



© C van Jaarsveld

*Inimicus filamentosus*, filament-finned stinger (South Africa).



Family **SYNANCEIIDAE**, True stonefishes, stingfishes



© SV Bogorodsky

*Minous coccineus*, one-stick stingfish, 6 cm SL (Red Sea).



© SV Bogorodsky

*Minous coccineus*, one-stick stingfish, 9 cm SL (Red Sea).



© O Alvheim © IMR

*Minous coccineus*, one-stick stingfish, 8 cm TL (Mozambique).



© O Alvheim © IMR/ASCLME

*Minous longimanus*, 10 cm TL (Seychelles).



© JE Randall, Bishop Museum

*Minous monodactylus*, grey stingfish, 5 cm SL (Kuwait).



© JE Randall, Bishop Museum

*Minous ?trachycephalus*, 6 cm SL (Kuwait).



© HB Osmany

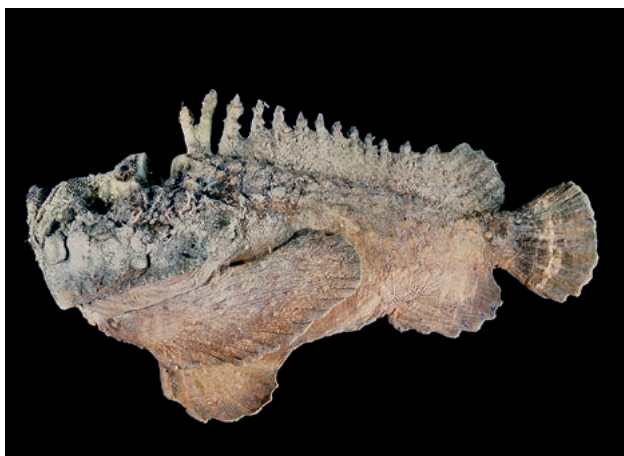
*Pseudosynanceia melanostigma*, blackfin stonefish, ~16 cm SL (Pakistan).



© JE Randall, Bishop Museum

*Synanceia nana*, Red Sea stonefish, 9 cm SL (Bahrain).

Family **SYNANCEIIDAE**, True stonefishes, stingfishes



© J.E. Randall, Bishop Museum

*Synanceia horrida*, estuarine stonefish, 17 cm SL (Indonesia).



© JKL Mee

*Synanceia verrucosa*, stonefish, ~4 cm TL, juvenile with algae growth (Red Sea).



© PC Heemstra © NRF-SAIAB

*Synanceia verrucosa*, stonefish, 31 cm SL, dorsal view (Mauritius).



© SV Bogorodsky

*Synanceia verrucosa*, stonefish, 14 cm SL (Red Sea).

Family **APISTIDAE**, Bearded waspfishes



© SV Bogorodsky

*Apistus carinatus*, ocellated waspfish, 9 cm SL (Red Sea).

Family **PARABEMBRIDAE**, Parabembrids



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*Parabembras robinsoni*, rosy flathead, 16 cm SL (Mozambique).

Family **PLATYCEPHALIDAE**, Flatheads



© PCHeemstra © NRF-SAIAB

*Cociella heemstrai*, yellowtail flathead, 17 cm SL, paratype (S Mozambique).



© JE Randall, Bishop Museum

*Cociella punctata*, spotted flathead, 22 cm SL (SW India).



© HB Osmany

*Cociella somaliensis*, spot-tail flathead (Pakistan).

Family **PLATYCEPHALIDAE**, Flatheads



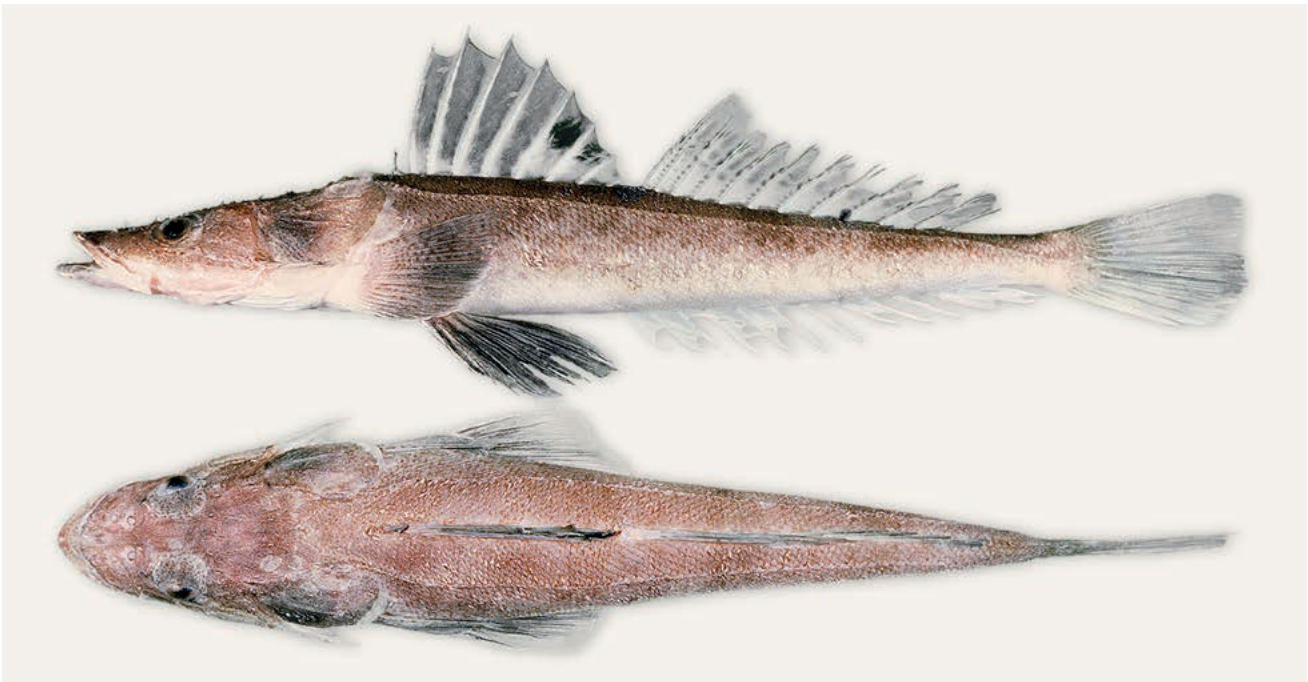
S Raredon  
© Smithsonian Institution

*Cociella somaliensis*, spot-tail flathead, 22 cm SL, preserved holotype (Somalia).



© H Imamura

*Grammolites scaber*, rough flathead (Malaysia).



© J.E. Randall, Bishop Museum

*Grammolites suppositus*, spotfin flathead, 18 cm SL (SW India).



S Raredon © Smithsonian Institution

*Grammolites vittatus*, Pakistan flathead, 17 cm TL, dorsal view (Persian/Arabian Gulf).

Family **PLATYCEPHALIDAE**, Flatheads



© S Kimura, FRLM

*Inegocia japonica*, Japanese flathead, 16 cm SL (Japan).



© JE Randall, Bishop Museum

*Kumococius rodericensis*, spiny flathead, 14 cm SL, dorsal view (India).



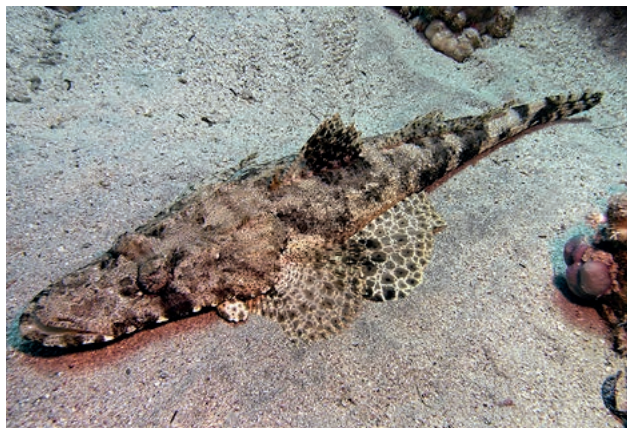
© H Imamura

*Onigocia bimaculata*, two-spot flathead, 6 cm SL, dorsal view (Japan).



© SV Bogorodsky

*Onigocia ?oligolepis* (Gulf of Aqaba).



© SV Bogorodsky

*Papilloculiceps longiceps*, Madagascar flathead (Gulf of Aqaba).

Family **PLATYCEPHALIDAE**, Flatheads



PC Heemstra © NRF-SAIAB

*Onigocia pedimacula*, broadband flathead, 7 cm SL (Rodrigues).



© SV Bogorodsky

*Papilloculiceps longiceps*, Madagascar flathead, 30 cm SL (Gulf of Suez).



© SV Bogorodsky

*Platycephalus indicus*, bartail flathead, 19 cm SL (Gulf of Suez).



Family **PLATYCEPHALIDAE**, Flatheads



PC Heemstra © NRF-SAI/AB

*Rogadius pristiger*, thorny flathead, 13 cm SL (Mozambique).



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*Rogadius serratus*, serrated flathead, 16 cm SL (Thailand).



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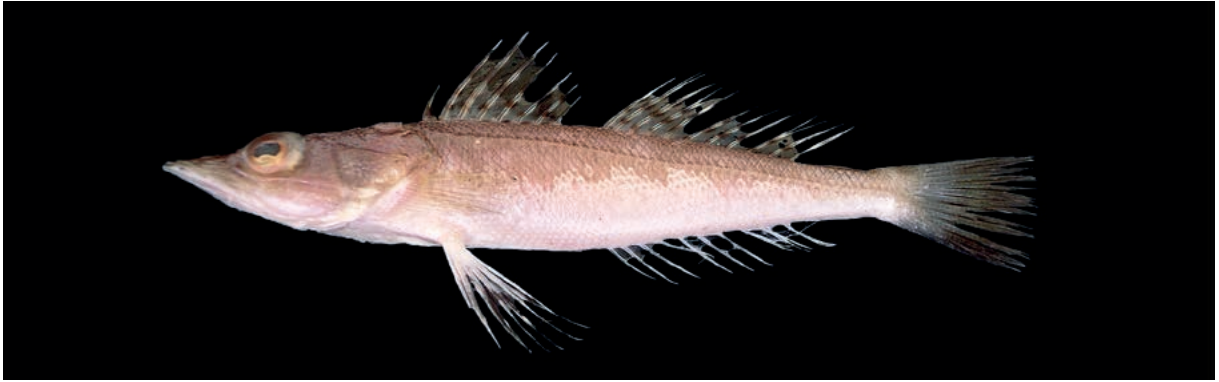
*Rogadius serratus*, serrated flathead, 8 cm SL, dorsal view (Seychelles).



PC Heemstra © NRF-SAI/AB

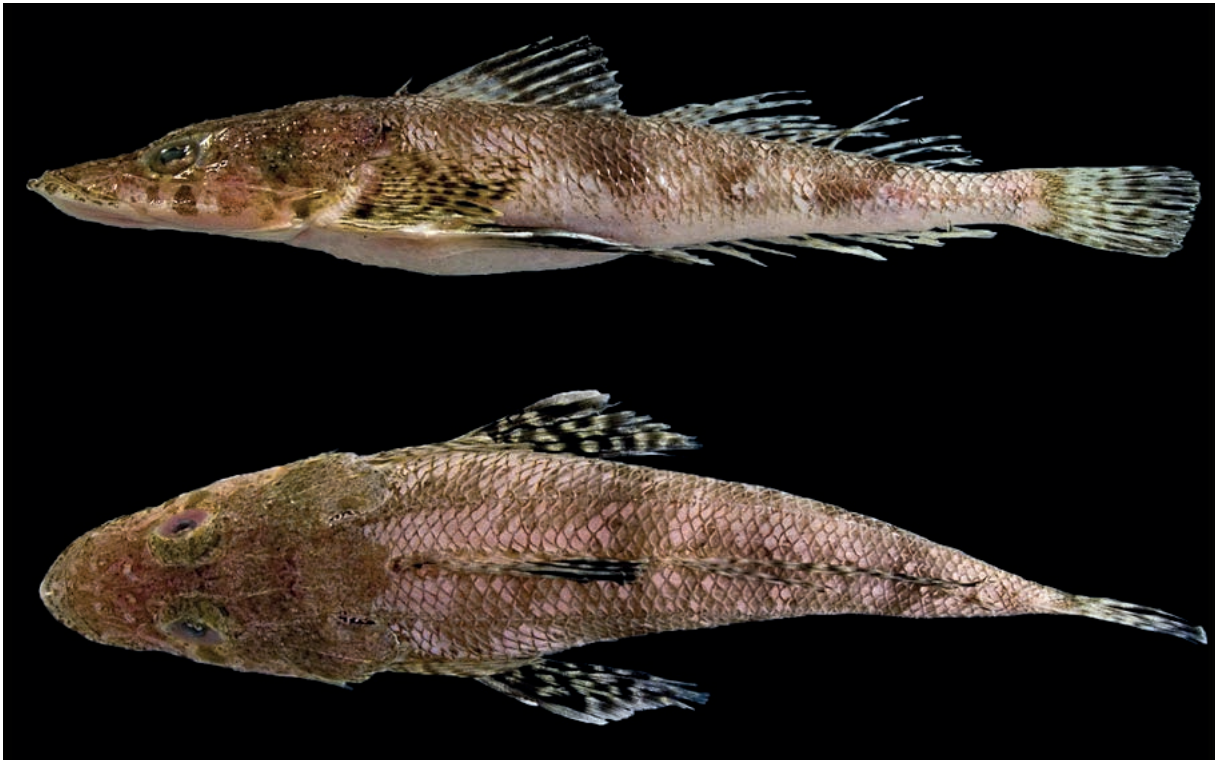
*Sorsogona humerosa*, white-margined flathead, 11 cm SL, holotype (Mozambique).

Family **PLATYCEPHALIDAE**, Flatheads



© H Imamura

*Sorsogona melanoptera*, obscure flathead (Thailand).



© SV Bogorodsky

*Sorsogona prionota*, half-spined flathead, 16 cm SL (Gulf of Suez).



© H Imamura

*Sorsogona tuberculata*, tuberculated flathead, 9 cm SL, dorsal view (W Australia).

Family **PLATYCEPHALIDAE**, Flatheads



© S. Kimura, FRLM

*Suggrundus macracanthus*, large-spined flathead, 15 cm SL (Thailand).



PC Heemstra © NRF-SAAB

*Sunagocia arenicola*, sand flathead, 6 cm SL (Rodrigues).



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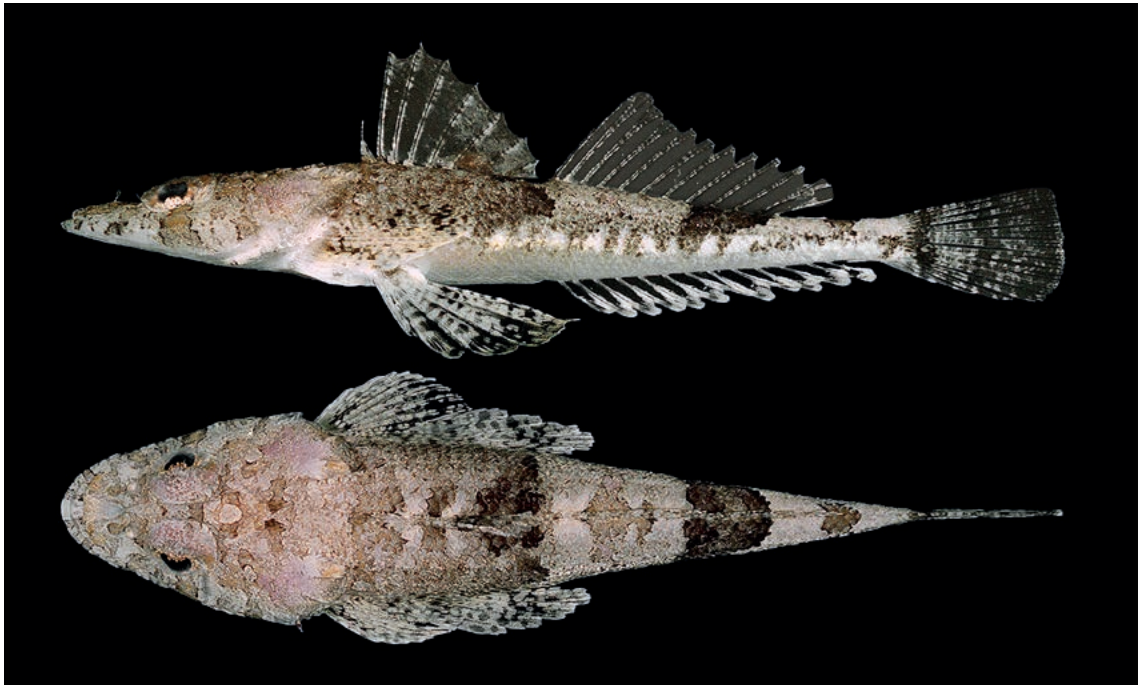
*Sunagocia otaitensis*, fringelip flathead, 12 cm SL, dorsal view (Australia).

Family **PLATYCEPHALIDAE**, Flatheads



PC Heemstra © NRF-SAIAB

*Sunagocia* sp., 15 cm SL (Mozambique). #



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*Thysanophrys celebica*, Sulawesi flathead, 8 cm SL (Kuwait).



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*Thysanophrys chiltonae*, longsnout flathead, 8 cm SL (South Africa).

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Family **PLATYCEPHALIDAE**, Flatheads



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*Thysanophrys springeri*, Red Sea flathead (Red Sea).

Family **HOPLICHTHYIDAE**, Spiny flatheads



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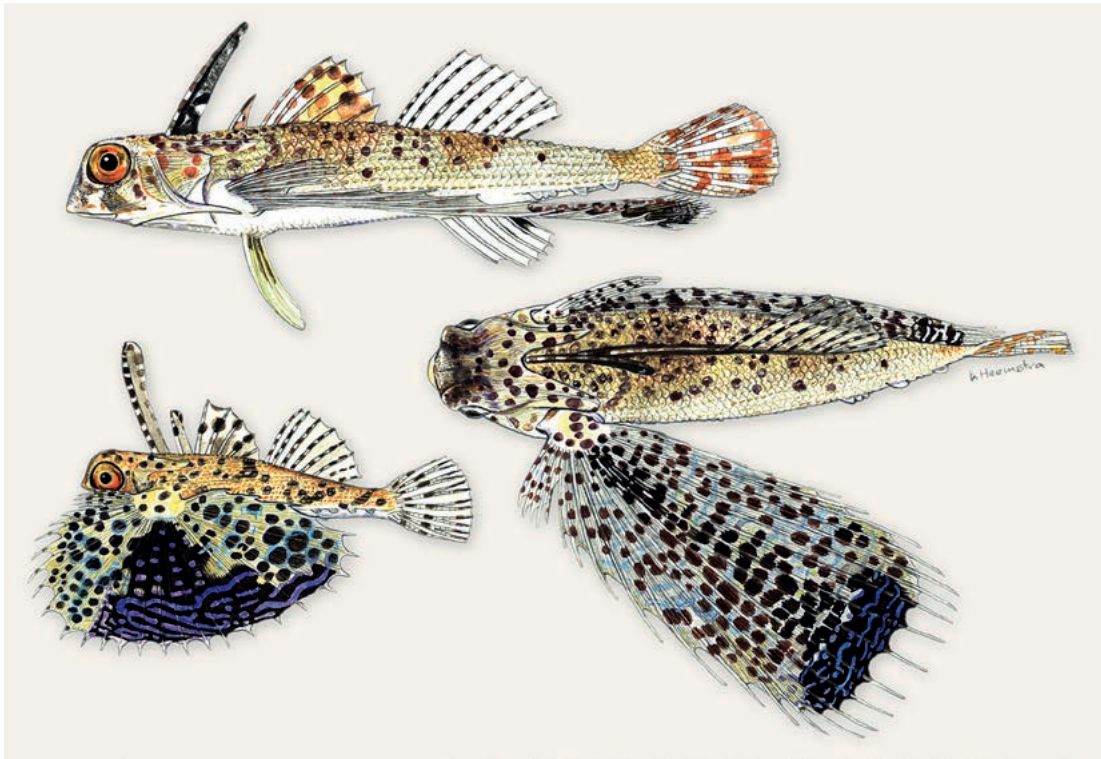
*Hoplichthys acanthopleurus*, ultra-spiny flathead, 17 cm SL (Mozambique).



© NRF-SAAB

*Hoplichthys acanthopleurus*, ultra-spiny flathead (South Africa).

Family **DACTYLOPTERIDAE**, Helmet gurnards



© DA Polack

*Dactyloptena orientalis*, oriental helmet gurnard, 8 cm SL, adult lateral and dorsal views (S Mozambique); and juvenile (Japan).



Source: CFSA

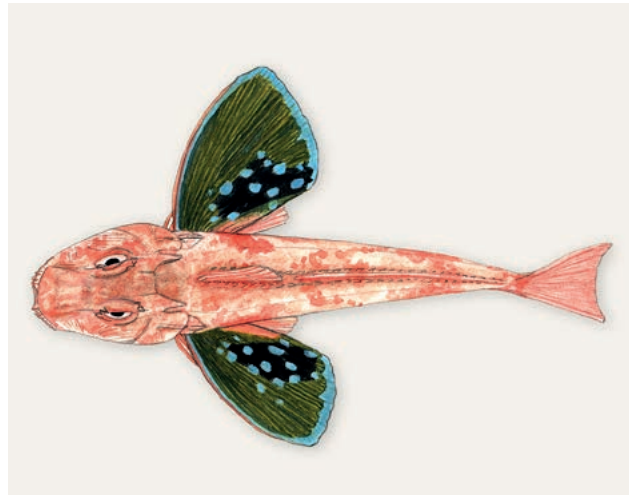
*Dactyloptena peterseni*, rufous helmet gurnard, 6 cm TL, juvenile, lateral and dorsal views (Comoros); 32 cm TL, adult (Saipan).

Family **TRIGLIDAE**, Gurnards

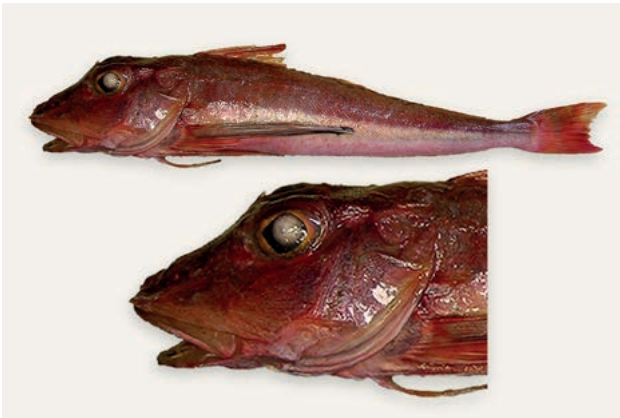


Source: CFSA

*Chelidonichthys capensis*, Cape gurnard, 60 cm TL (South Africa).



*Chelidonichthys kumu*, bluefin gurnard, 19 cm SL, dorsal view showing inner pectoral fin (South Africa).



AD Connell © NRF-SAIAB

*Chelidonichthys kumu*, bluefin gurnard, 22 cm SL (South Africa).



© SJ Swanepoel

*Chelidonichthys lastoviza africanus*, African gurnard (South Africa).



© DR King

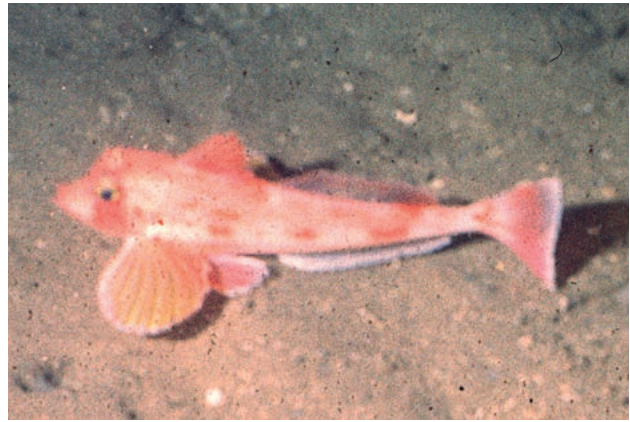
*Chelidonichthys lastoviza africanus*, African gurnard (South Africa).

Family **TRIGLIDAE**, Gurnards



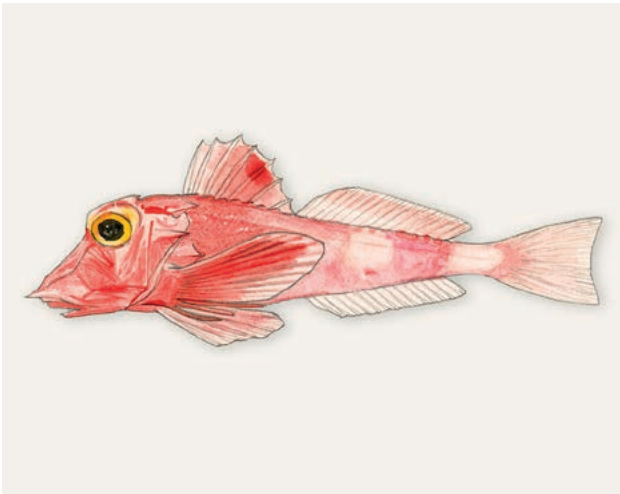
PC Heemstra © NRF-SAIAB

*Chelidonichthys queketti*, lesser gurnard, 24 cm SL (South Africa).



© NRF-SAIAB/JAGO

*Chelidonichthys queketti*, lesser gurnard (South Africa).



*Lepidotrigla alcocki*, Alcock's gurnard, 14 cm SL (Saya de Malha Bank).



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*Lepidotrigla bispinosa*, bullhorn gurnard, 14 cm SL (Qatar).



PC Heemstra © NRF-SAIAB

*Lepidotrigla faurei*, prickly gurnard, 11 cm SL (Mozambique).



R Palmer © NRF-SAIAB

*Lepidotrigla faurei*, prickly gurnard (South Africa).



Family **TRIGLIDAE**, Gurnards



© PN Psomadakis, FAO

*Lepidotrigla longipinnis*, long-finned gurnard, 12 cm SL (Myanmar).



© Alvheim, IMR © FAO

*Lepidotrigla longipinnis*, long-finned gurnard (Myanmar).



© Alvheim © IMR

*Lepidotrigla multispinosa*, spiny gurnard, 13 cm SL (Mozambique).



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*Lepidotrigla omanensis*, Oman gurnard (Myanmar).



© PN Psomadakis, FAO

*Lepidotrigla omanensis*, Oman gurnard, 11 cm SL (Myanmar).



*Lepidotrigla sayadema*, Saya de Malha gurnard, 10 cm SL (Saya de Malha Bank).



*Lepidotrigla spiloptera*, spotwing gurnard, 9 cm SL (Persian/Arabian Gulf).



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*Pterygotrigla (Otohime) amaokai*, Amaoka's gurnard, holotype (Saya de Malha Bank).

Family **TRIGLIDAE**, Gurnards



O Alnheim, IMR © FAO

*Pterygotrigla (Otohime) arabica*, Arabian gurnard, 15 cm TL (Myanmar).



KV Akhilesh © CMFRI

*Pterygotrigla (Otohime) arabica*, Arabian gurnard, 17 cm SL (SW India).

Family **PERISTEDIIDAE**, Armoured gurnards



PC Heemstra © NRF-SAIAB

*Peristedion weberi*, 16 cm SL (South Africa).



PC Heemstra © NRF-SAIAB

*Satyrichthys laticeps*, 14 cm SL (South Africa).



PC Heemstra © NRF-SAIAB

*Satyrichthys laticeps*, 21 cm SL (Mozambique).



PC Heemstra © NRF-SAIAB

*Scalicus hians*, 15 cm SL (Mozambique). #

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