



Climate Fish Protocol

***Species
Identification
Guide***

Thalassoma pavo (ornate wrasse/ γαϊτανούρι)

Common depth range: 0 - 50 m

Common length: 20 cm

Max. length: 25 cm



CC-BY INaturalist: Ioannis Magouras (ioannis-magouras)



CC-BY INaturalist: Julien Renoult (jujurenoult)



CC-BY INaturalist: Nicola Faulks (nicola36)



CC-BY INaturalist: Charlotte Kirchner (charlottekirchner)



CC-BY INaturalist: Eridan Xharahi (eridanxharahi)

Coris julis (Mediterranean rainbow wrasse/ γύλος)

Common depth range: 0 - 60 m

Common length: 20 cm

Max. length: 30 cm



CC-BY iNaturalist: Julien Renoult (jujurenoult)



CC-BY iNaturalist: Donald Davesne (donalddavense)



CC-BY iNaturalist: shahar chaikin (shaharchaikin)



CC-BY iNaturalist: shahar chaikin (shaharchaikin)



CC-BY iNaturalist: Sarah Faulwetter (sarahfaulwetter)

Sparisoma cretense (parrotfish/ σκάρος)

Common depth range: 0 - 50 m

Common length: 30 cm

Max. length: 50 cm



CC-BY iNaturalist: Sylvain Montagner (sylvainm_53)



CC-BY iNaturalist: Nicola Faulks (nicola35)



CC-BY iNaturalist: Charlotte Krehmer
(CharlotteKrehmer)



CC-BY iNaturalist: Donald Davesne (donalddavesne)



CC-BY iNaturalist: Ben Jobson (benjobson)



CC-BY iNaturalist: Julien Renoult (julienrenoult)

Sarpa salpa (salema porgy/ σάλπα)

Common depth range: 0 - 50 m

Common length: 30 cm

Max. length: 50 cm



CC-BY iNaturalist: Julien Renoult (jujurenoult)



CC-BY iNaturalist: Lukas Zangl (luka_sza)



CC-BY iNaturalist: amfstocker (amfstocker)



CC-BY iNaturalist: Donald Davesne (donalddavesne)



CC-BY iNaturalist: César Alonso (maurosaur)

Epinephelus marginatus (dusky grouper/ ροφός)

Common depth range: 8 - 300 m

Common length: 50 - 80 cm

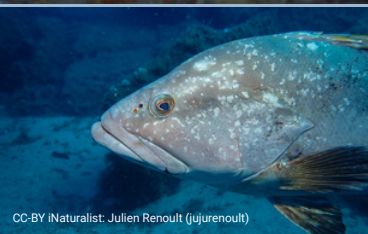
Max. length: 150 cm



CC-BY iNaturalist: Sarah Faulwetter (sarahfaulwetter)



CC-BY iNaturalist: Michael Bommerer (michael_bommerer)



CC-BY iNaturalist: Julien Renoult (jujurenoult)



CC-BY iNaturalist: Julien Renoult (jujurenoult)



CC-BY iNaturalist: Julien Renoult (jujurenoult)

Serranus scriba (painted comber/ πέρκα)

Common depth range: 5 - 30 m

Common length: 25 cm

Max. length: 35 cm



CC-BY iNaturalist: Chris Taklis (ctaklis)



CC-BY iNaturalist: shahar chaikin (shaharchaikin)



CC-BY iNaturalist: Juraj Ahel (xeniorn)



CC-BY iNaturalist: Juraj Ahel (xeniorn)



CC-BY iNaturalist: Cosimo Sanitate (cosmo_thereistlesswanderbird)

Serranus cabrilla (comber/ χάβρος)

Common depth range: 5 - 90 m

Common length: 25 cm

Max. length: 40 cm



CC-BY iNaturalist: Sarah Faulwetter (sarahfaulwetter)



CC-BY iNaturalist: Donald Davesne (donalddavense)



CC-BY iNaturalist: Julien Renoult (jujurenoult)



CC-BY iNaturalist: Julien Renoult (jujurenoult)



CC-BY iNaturalist: Sarah Faulwetter (sarahfaulwetter)

Pterois miles (lionfish/ λιονταρόψαρο)

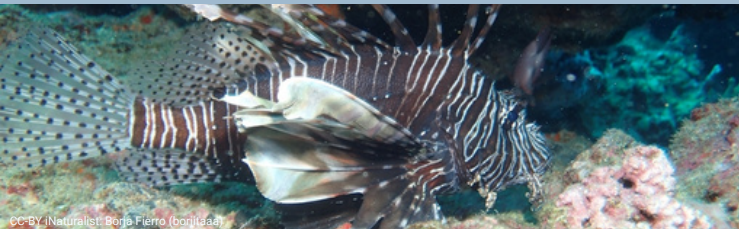
Common depth range: 0 - 85 m

Common length: 25 cm

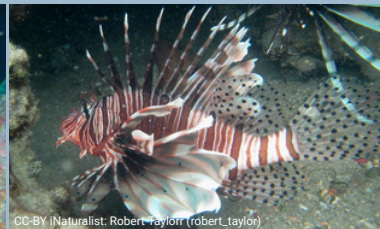
Max. length: 43 cm

Invasive species

Venomous



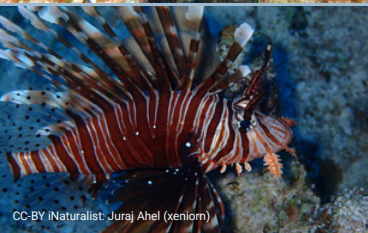
CC-BY iNaturalist: Boria Fierro (boritdaa)



CC-BY iNaturalist: Robert Taylor (robert_taylor)



CC-BY iNaturalist: Vsevolod Rudyi (ruseva)



CC-BY iNaturalist: Juraj Ahel (xenion)



CC-BY iNaturalist: Pauline Walsh Jacobson (coralreefdreams)

Siganus luridus (dusky spinefoot/ rabbitfish/ γερμανός)

Common depth range: 2 - 40 m

Common length: 20 cm

Max. length: 30 cm

Invasive species
Venomous 



CC-BY-NC iNaturalist: Frank Krasovec (wetlens)



CC-BY-NC iNaturalist: Francois Libert (francoislibert)



CC-BY-NC iNaturalist: Max Carter (max-pics)



CC-BY-NC iNaturalist: Ingo Rogalla (ingorogalla)

@ingorogalla



CC-BY-NC-ND iNaturalist: Stergios Vasilis (vasilis_stergios)

Siganus rivulatus (rivulated rabbitfish / άσπρη αγριόσαλπα)

Common depth range: 1 - 30 m

Common length: 20 cm

Max. length: 30 cm

Invasive species
Venomous 



CC-BY-NC iNaturalist: Frank Krasovec (wetlens)



CC-BY-NC iNaturalist: Bernal Garridos (bernalpesoaire)



CC-BY-NC iNaturalist: elaynadaniels (elaynadaniels)



CC-BY-NC iNaturalist: Frédéric ANDRE (frederic-andre)



CC-BY-NC iNaturalist: Leigh Dymont (leigh_dymont)

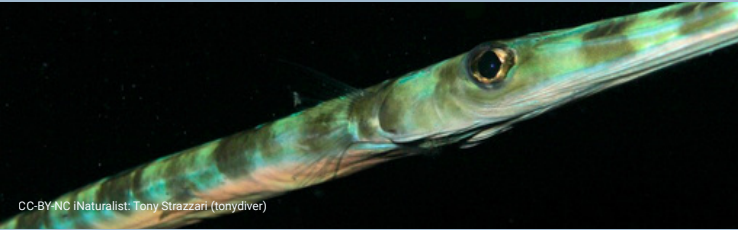
Fistularia commersonii (blue-spotted cornetfish / τρομπέτα)

Common depth range: 0 - 132 m

Common length: 100 cm

Max. length: 160 cm

Invasive species



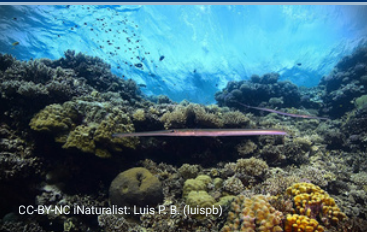
CC-BY-NC iNaturalist: Tony Strazzari (tonydiver)



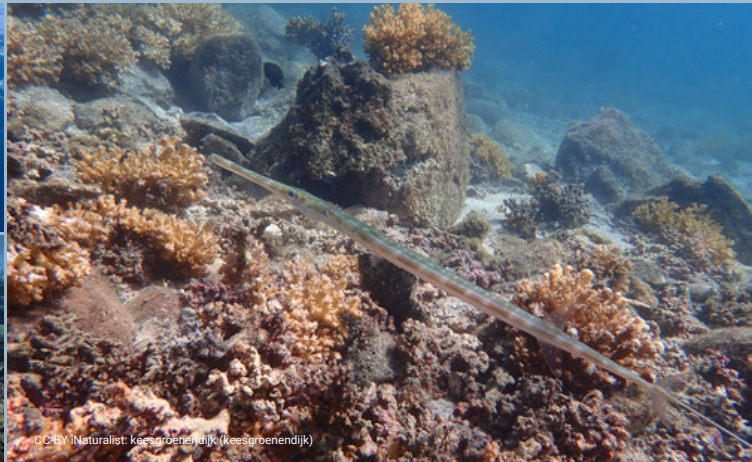
CC-BY-NC iNaturalist: Luis P. B. (luispb)



CC-BY-NC iNaturalist: David Rolla (davidr)



CC-BY-NC iNaturalist: Luis P. B. (luispb)



CC-BY iNaturalist: keesgroenendijk (keesgroenendijk)

Sargocentron rubrum (redcoat/ ακανθόπερκα)

Common depth range: 1 - 84 m

Common length: 27 cm

Max. length: 30 cm

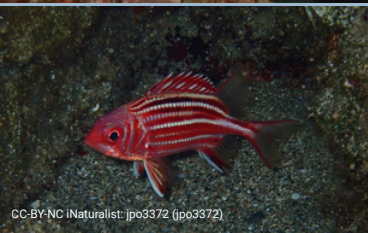
Invasive species
Venomous 



CC-BY-NC iNaturalist: Kristin Anderson (kjadiver)



CC-BY-NC iNaturalist: divercraig (divercraig)



CC-BY-NC iNaturalist: jpo3372 (jpo3372)



CC-BY-NC iNaturalist: Frank Krasovec (wetlens)



CC-BY-NC iNaturalist: Lucas BÉRENGER (gobius66)



Reef Check Protocol

Species Identification Guide

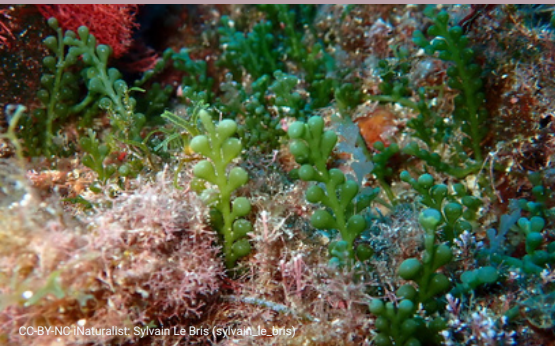
Caulerpa cylindracea

Common depth range: 0 - 70 m

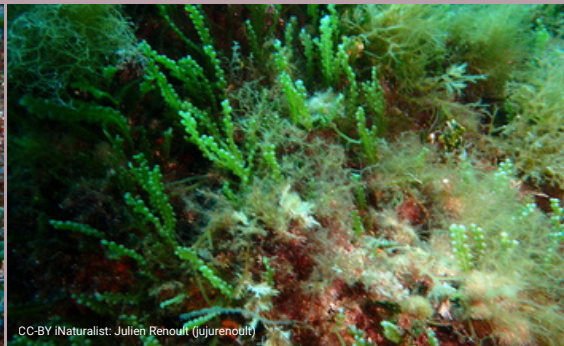
Max. height: 20 cm

Max. length: 100 cm

Invasive species



CC-BY-NC INaturalist: Sylvain Le Bris (sylvain_le_bris)



CC-BY INaturalist: Julien Renoult (jujurenoult)



CC-BY-NC INaturalist: Francesco Caroli (terzacentro)



CC-BY-NC-ND INaturalist: Dennis Rabeling (dennisthediver)

Asparagopsis taxifomis

Common depth range: 0 - 22 m

Max. height: 30 cm

Invasive species



CC-BY-NC-ND iNaturalist: Dennis Rabeling (dennisthediver)



CC-BY-NC iNaturalist: Philip Thomas (philiptdotcom)



CC-BY-NC iNaturalist: Tony Gilbert (tonygilbert)



CC-BY-NC iNaturalist: fabri (fabri)

Axinella spp.

Common depth range: 15 - below 100 m

Common length: 20 cm



CC-BY-NC iNaturalist: Nicolas Lagière (surfelife)



CC-BY-NC iNaturalist: Sylvain Le Bris (sylvain_le_bris)



CC-BY-NC iNaturalist: Frédéric ANDRE (frederic-andre)



CC-BY iNaturalist: Sarah Faulwetter (sarahfaulwetter)



CC-BY-NC iNaturalist: Sylvain Le Bris (sylvain_le_bris)



CC-BY iNaturalist: Sarah Faulwetter (sarahfaulwetter)

Aplysina spp.

Common depth range: 1 - 20 m

Common length: 10 cm

Max. colony length: 100cm



CC-BY-NC iNaturalist: Dean Zagorac (dzagorac)



CC-BY-NC-ND iNaturalist: Dennis Rabeling (dennisthediver)



CC-BY-NC iNaturalist: Project Manala (project_manala)



CC-BY-NC iNaturalist: Daniela Kupschus (elaundlini)



CC-BY-NC iNaturalist: Survey-corps (survey-corps)



CC-BY iNaturalist: Juraj Ahel (xeniorn)

Cladocora caespitosa

Common depth range: 0 - 30 m

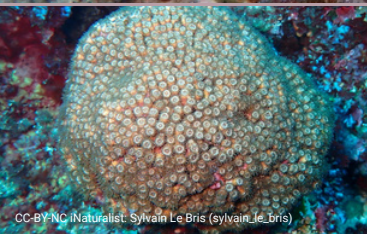
Max. length: 50cm



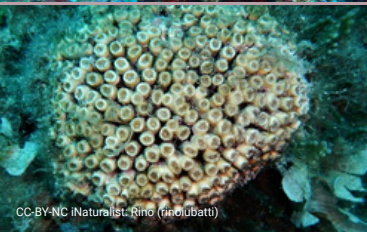
CC-BY-NC iNaturalist: Sylvain Le Bris (sylvain_le_bris)



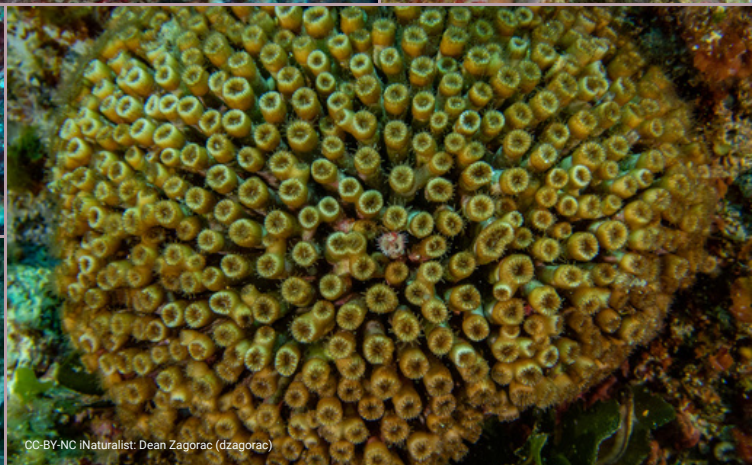
CC-BY-NC iNaturalist: Frédéric ANDRE (frederic-andre)



CC-BY-NC iNaturalist: Sylvain Le Bris (sylvain_le_bris)



CC-BY-NC iNaturalist: Rino (rinojubatti)

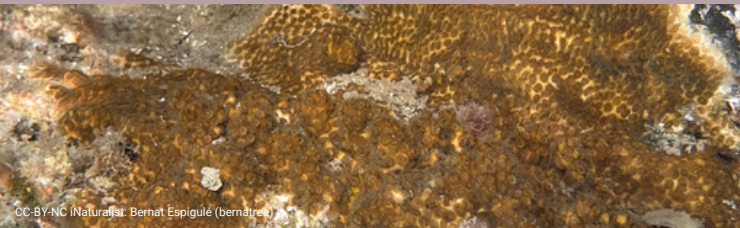


CC-BY-NC iNaturalist: Dean Zagorac (dzagorac)

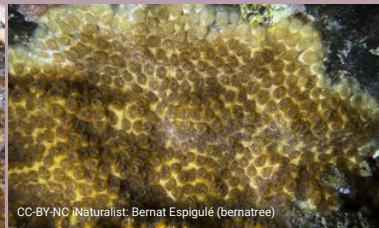
Oculina patagonica

Common depth range: 0 - 40 m

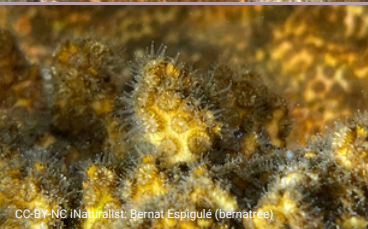
Max. colony length: 70cm



CC-BY-NC iNaturalist: Bernat Espigulé (bernatee)



CC-BY-NC iNaturalist: Bernat Espigulé (bernatee)



CC-BY-NC iNaturalist: Bernat Espigulé (bernatee)



CC-BY-NC iNaturalist: Sylvain Le Bris (sylvain_le_bris)



CC-BY-NC iNaturalist: Sylvain Le Bris (sylvain_le_bris)

Balanophyllia europaea

Common depth range: 0 - 50 m

Max. diameter: 6 cm



CC-BY-NC iNaturalist: Jérôme Bosset (jeromeb76)



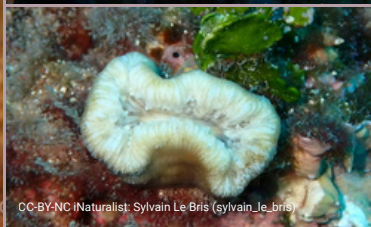
CC-BY-NC iNaturalist: Frédéric ANDRE (frederic-andre)



CC-BY-NC iNaturalist: Frédéric ANDRE (frederic-andre)



CC-BY-NC iNaturalist: Antoni López-Arenas i Cama (tonitofa)



CC-BY-NC iNaturalist: Sylvain Le Bris (sylvain_le_bris)



CC-BY-NC iNaturalist: Sylvain Le Bris (sylvain_le_bris)

Leptopsammia pruvoti

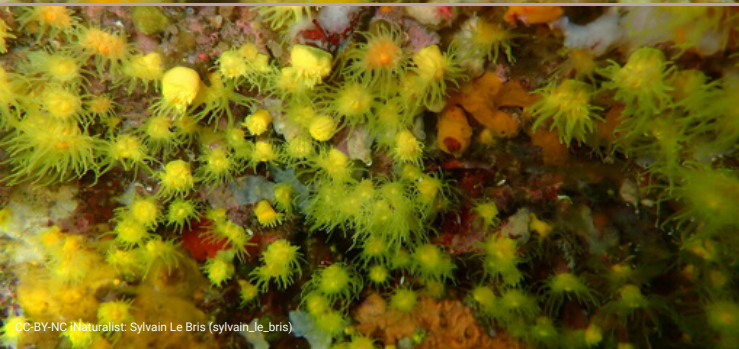
Common depth range: 10 - below 100 m
Max. diameter: 0.7 cm



CC-BY-NC iNaturalist: João Pedro Silva (jpsilva)



CC-BY-NC iNaturalist: João Pedro Silva (jpsilva)



CC-BY-NC iNaturalist: Sylvain Le Bris (sylvain_le_bris)



CC-BY-NC iNaturalist: Sylvain Le Bris (sylvain_le_bris)

Paramuricea clavata

Common depth range: 20 - 42 m

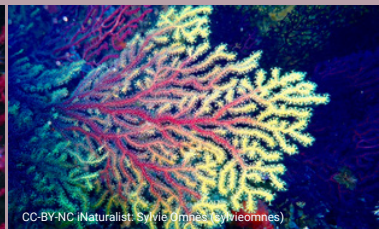
Max. length: 100 cm



CC-BY-NC INaturalist: Daniel Buron (danielburon)



CC-BY-NC INaturalist: fabri (fabri)



CC-BY-NC INaturalist: Sylvie Omnes (sylvieomnes)



CC-BY-NC INaturalist: Francesco Ricciardi (francescoric)



CC-BY-NC-ND INaturalist: Frédéric Ducarme (frederic_ducarme)



CC-BY-NC INaturalist: Luis P. B. (luispb)

Eunicella cavolini

Common depth range: 10 - 40 m

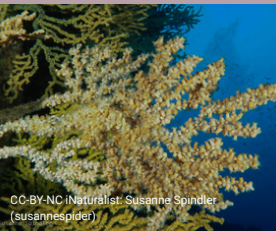
Max. height: 50 cm



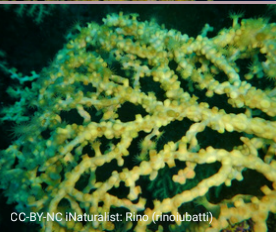
Savalia savaglia

Common depth range: 15 - 90 m

Max. colony length: 200 cm



CC-BY-NC INaturalist: Susanne Spindler
(susannespider)



CC-BY-NC INaturalist: Rino (rinoibatti)



CC-BY-NC INaturalist: Sylvain Le Bris (sylvainlebris)



CC-BY-NC-ND INaturalist: Dennis Rabeling (denisthediver)



CC-BY-NC INaturalist: poulpette (poulpette)

Epinephelus marginatus (dusky grouper/ ροφός)

Common depth range: 8 - 300 m

Common length: 50 - 80 cm

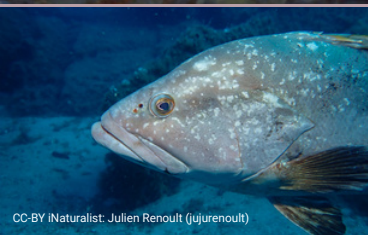
Max. length: 150 cm



CC-BY iNaturalist: Sarah Faulwetter (sarahfaulwetter)



CC-BY iNaturalist: Michael Bommerer (michael_bommerer)



CC-BY iNaturalist: Julien Renoult (jujurenoult)



CC-BY iNaturalist: Julien Renoult (jujurenoult)



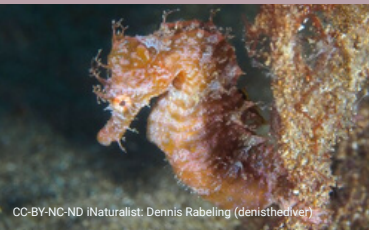
CC-BY iNaturalist: Julien Renoult (jujurenoult)

Hippocampus hippocampus (Short-snouted seahorse)

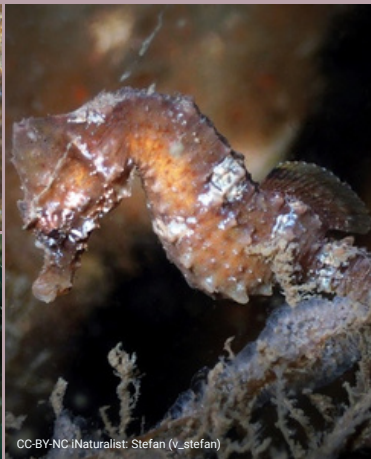
Common depth range: 0 - 60 m

Common length: 7 - 13 cm

Max. length: 15 cm



CC-BY-NC-ND iNaturalist: Dennis Rabeling (denisthediver)



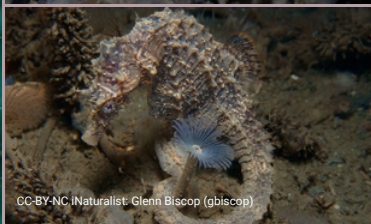
CC-BY-NC iNaturalist: Stefan (v_stefan)



CC-BY-NC iNaturalist: Glenn Biscop (gbiscop)



CC-BY-NC iNaturalist: Alba Iglesias (alba_iglesias)



CC-BY-NC iNaturalist: Glenn Biscop (gbiscop)



CC-BY-NC iNaturalist: MARIA SYNATIKA (marieta55)

Hippocampus guttulatus (Long-snouted seahorse)

Common depth range: 0 - 30 m

Common length: 9 - 18 cm

Max. length: 21.5 cm



CC-BY-NC iNaturalist: Pauline Fey (paulinefey)



CC-BY-NC iNaturalist: Pauline Fey (paulinefey)



CC-BY-SA iNaturalist: Mare Per Sempre



CC-BY-NC iNaturalist: vedralan (vedralan)



CC-BY-NC iNaturalist: Robert Walton (robertwalton)



CC-BY-NC iNaturalist: mnolito (mnolito) Manuel L. Rivas

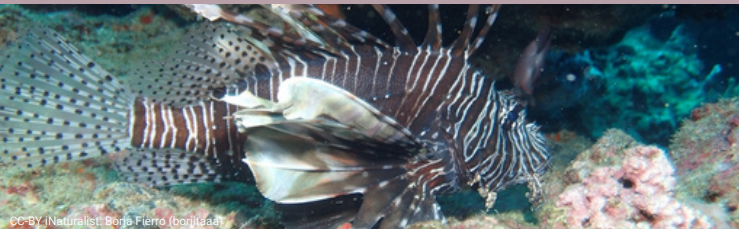
Pterois miles (lionfish/ λιονταρόψαρο)

Common depth range: 0 - 85 m

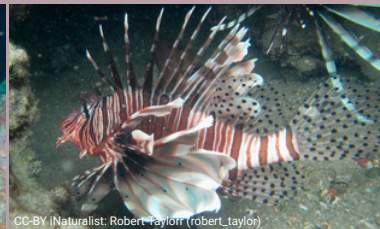
Common length: 25 cm

Max. length: 43 cm

Invasive species
Venomous 



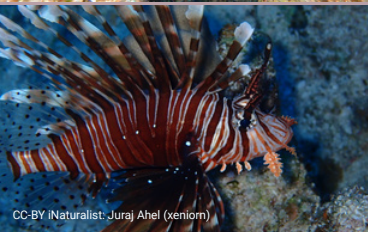
CC-BY iNaturalist: Boria Fierro (boriitdaa)



CC-BY iNaturalist: Robert Taylor (robert_taylor)



CC-BY iNaturalist: Vsevolod Rudyi (ruseva)



CC-BY iNaturalist: Juraj Ahel (xeniorn)



CC-BY iNaturalist: Pauline Walsh Jacobson (coralreefdreams)

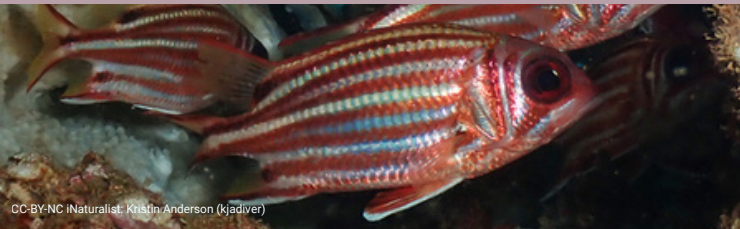
Sargocentron rubrum (redcoat/ ακανθόπερκα)

Common depth range: 1 - 84 m

Common length: 27 cm

Max. length: 30 cm

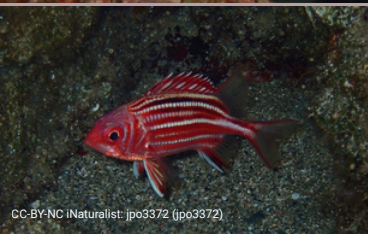
Invasive species
Venomous 



CC-BY-NC iNaturalist: Kristin Anderson (kjadiver)



CC-BY-NC iNaturalist: divercraig (divercraig)



CC-BY-NC iNaturalist: jpo3372 (jpo3372)



CC-BY-NC iNaturalist: Frank Krasovec (wetlens)



CC-BY-NC iNaturalist: Lucas BÉRENGER (gobius66)

Ophidiaster ophidianus (Purple seastar/ μωβ αστερίας)

Common depth range: 0 - 100 m

Common length: 40 cm

Max. length: 50 cm



CC-BY-NC iNaturalist: hyacinthinus (hyacinthinus)



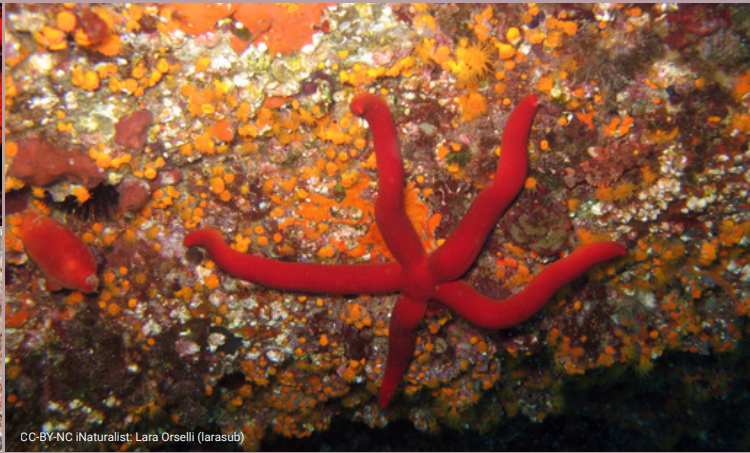
CC-BY-NC iNaturalist: David Renoult (zanskar)



CC-BY-NC iNaturalist: João Pedro Silva (jpsilva)



CC-BY-NC iNaturalist: Bernat Garrigós (bernatgascare)



CC-BY-NC iNaturalist: Lara Orselli (larasub)

Paracentrotus lividus

Common depth range: 0 -90 m

Max. length: 7.5 cm



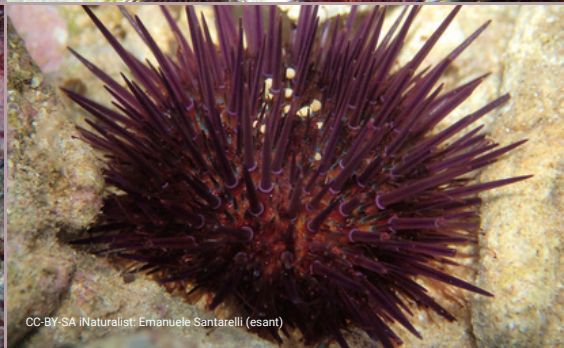
CC-BY-NC iNaturalist: Sylvain Le Bris (sylvain_le_bris)



CC-BY-NC iNaturalist: ulxeuropæus (ulxeuropæus)



CC-BY iNaturalist: luluchouette (luluchouette)



CC-BY-SA iNaturalist: Emanuele Santarelli (esant)

Centrostephanus longispinus

Common depth range: 40 - 360 m

Max. length: 30 cm



Diadema setosum

Common depth range: 0 - 70 m

Common length: 30 cm

Max. length: 60 cm

