



Fondo Europeo di Sviluppo Regionale
European Regional Development Fund

Guide for the **SENTINELS OF THE SEA** on the MAIN *ALIEN OR RARE* MARINE SPECIES



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Indo-Pacific sergeant
Abudefduf vaigiensis



Shrimp scad
Alepes djedaba



Redcoat
Sargocentron rubrum



Darwin's slimehead
Gephyroberyx darwinii



Splendid alfoncino
Beryx splendens



Dusky spinefoot
Siganus luridus



Marbled spinefoot
Siganus rivulatus



Bluespotted seabass
Cephalopholis taeniops



Orange-spotted grouper
Epinephelus coioides



Raggedfin parrotfish
Chlorurus rhakoura



Bluespotted cornetfish
Fistularia commersonii



Klunzinger's ponyfish
Equulites klunzingeri



Red cornetfish
Fistularia petimba



Red-eye round herring
Etrumeus teres



Bermuda sea chub
Kyphosus sectatrix



Red Sea hardyhead silverside
Atherinomorus forskalii



Black-barred halfbeak
Hemiramphus far



Brassy chub
Kyphosus vaigiensis



Azores rockling
Gaidropsarus granti



Silver-cheeked toadfish
Lagocephalus sceleratus



Yellowspotted puffer
Torquigener flavimaculosus



Lagocephalus suezensis



Blunthead puffer
Sphoeroides pachygaster



Spotfin burrfish
Chilomycterus reticulatus



Diamondback puffer
Lagocephalus guentheri



Por's goatfish
Upeneus pori



Mangrove red snapper
Lutjanus argentimaculatus



Goldband goatfish
Upeneus molluccensis



Red Sea goatfish
Parupeneus forsskali



Bastard grunt
Pomadasys incisus



Saddled snake eel
Pisodonophis semicinctus



Brushtooth lizardfish
Saurida undosquamis



Striped piggy
Pomadasys stridens



So-iuy mullet
Planiliza haematocheilus



Stonefish
Synanceia verrucosa



Devil firefish
Pterois miles



Offshore rockfish
Pontinus kuhlii



Spotfin flyingfish
Cheilopogon furcatus



African sailfin flyingfish
Parexocoetus mento



Pharaoh cardinalfish
Apogonichthyoides pharaonis



Bluefin driftfish
Psenes pellucidus



Tripletail
Lobotes surinamensis



Indian Ocean twospot cardinalfish
Cheilodipterus novemstriatus



Reticulated leatherjacket
Stephanolepis diaspros



Pempheris rhomboidea



Vanikoro sweeper
Pempheris vanicolensis



Pteragogus trispilus



Senegalese sole
Solea senegalensis



Royal spiny lobster
Panulirus regius



Sally lightfoot crab
Percnon gibbesi



Atlantic blue crab
Callinectes sapidus



Northern brown shrimp
Penaeus aztecus



Ornate spiny lobster
Panulirus ornatus



Spiny oyster
Spondylus spinosus



Porcupine sea urchin
Diadema setosum



Spotted sea hare
Aplysia dactylomela



Atlantic pearl-oyster
Pinctada radiata



Australian spotted jellyfish
Phyllorhiza punctata



Veined rapa whelk
Rapana venosa

ALL PROFESSIONAL FISHERS ARE INVITED TO COOPERATE BY REPORTING:

1. Plastics and other marine pollutants.
2. Vulnerable marine species such as dolphins, whales, turtles, sharks, birds, etc.
3. Organisms never seen before in the customary fishing areas (fish, shellfish, etc.), which can be rare or alien species in the Mediterranean Sea. Possibly keep them.

PLEASE TIMELY SEND THE FOLLOWING INFORMATION TO THE SEA MARVEL RESEARCHERS:

1. DAY, TIME and LOCATION of the sighting
2. PHOTOS of the sightings as they are very appreciated as evidence and to allow for identifying the species
3. In case a species which was never seen before shall be caught, it will be necessary to proceed as follows:
 - Write day, time and location (possibly GPS coordinates).
 - Take a picture of the animal with a ruler next to it, and possibly, keep it in the fridge/freezer.
 - Get in touch with a Sea Marvel representative to alert the team and get support.

Please be careful when handling unknown species! SEA MARVEL thanks all the fishers who will contribute to promote the knowledge and protection of marine organisms, scientific research and responsible artisanal fishing.

EXAMPLE OF A REPORT FORM

SIGHTING AND CATCH	DATE	TIME	CATCH AREA	DESCRIPTION	No. OF PHOTOS AND VIDEOS	SAMPLING
1 ST	20/03/2022	3:00 pm	38.2254 N 15.1353 E	Plastic bag	1 photo	-
2 ND	5/09/2022	7:00 am	37.2788 N 15.4187 E	Dolphins	1 photo and 2 videos	-
3 RD	28/05/2022	7:05 am	37.5384N 15.2311 E	1 unknown fish	4 photos	Yes, whole in the fridge

