



Eastern Mediterranean fish field guide

Ziad Samaha, Mira Husseini and Michel Bariche



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Ziad Samaha, Mira Hussein and Michel Bariche

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Abstract

This guide covers the most common fish species found in the Eastern Mediterranean, off the Lebanese coast. It presents a selection of 176 species spread across 89 families. The publication offers information summarising natural environments, behaviours, appearances, biology and The IUCN Red List of Threatened Species™ conservation status in the Mediterranean region.

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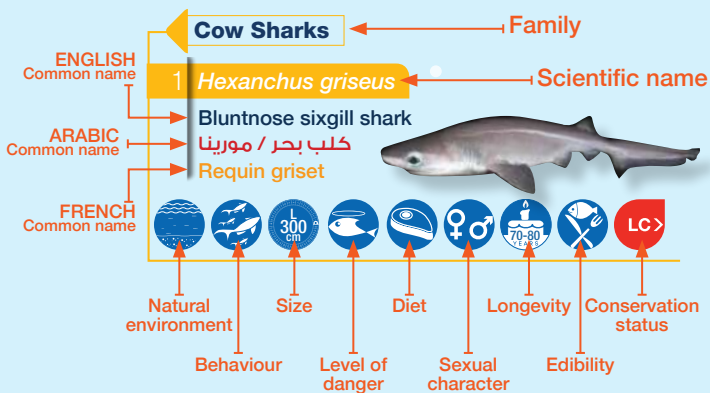
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Key to the pictograms used in the Eastern Mediterranean fish field guide

The *Eastern Mediterranean fish field guide* is based on an article by Bariche and Fricke (2020), entitled 'The marine ichthyofauna of Lebanon: an annotated checklist, history, biogeography, and conservation status'. The publication enumerates the 367 species that have been recorded in the region.

The present guide covers the most common fish species found in the Eastern Mediterranean, off the Lebanese coast. It presents a selection of 176 species spread across 89 families, out of which 50 are nonindigenous distinguished by a red dot (●). The guide offers information summarising natural environments, behaviours, appearances, biology and The IUCN Red List of Threatened Species™ Categories in the Mediterranean region (Bariche, 2012; Bariche & Fricke, 2020; Dray & Rébufat, 2021; Froese & Pauly, 2021; IUCN, 2021).

Each page covers 3 to 4 species of the same family. In addition to the scientific name, the common name of each species is given in English, French and colloquial Arabic as listed in Bariche' (2012) field identification guide if available.



Natural environment

The following icons represent the species' natural environment:



Water column



Sandy or silty bottom



Rocky



Mixed bottom type



Algae or seagrass meadow

Behaviour: sociability/proliferation

This refers to the proclivity of a fish to live in groups. We can distinguish three types of fish: those that prefer to live alone or as pairs, those that live in small groups, and those that live in large groups.



Solitary



Small groups



Large groups

Size

Size is given in centimetres (cm) and is determined by measuring the distance separating the fish's extremities, based on a typical fully grown individual for each species.



Level of danger (to humans)

While most fish are considered to be harmless, some species may be dangerous to humans. For example, they can bite or inflict wounds. Some are venomous and can sting and inject toxins, while others are poisonous and hold toxins in their flesh and be potentially deadly. In this guide we distinguish four different categories:



Harmless



Inflicts wounds



Bites



Poisonous/
holds toxins
in its flesh

Diet

The following icons represent the fish's diet:



Carnivore



Herbivore



Omnivore

Sexual character

Most fish species exhibit distinct male and female sexual characteristics (Dioceous). However, there are some species of fish that change sex during their lifetime. Some are female upon sexual maturity, and later become male (Protogynous), while others upon sexual maturity are male and turn female with age (Protandrous). In some cases, there are fish that exhibit both male and female sexual traits (Simultaneous).



Dioecious



Protogynous



Protandrous



Simultaneous

Longevity

This feature represents the maximum age recorded for each species in the wild. For some species this information remains unknown.



Edibility

The Mediterranean Sea is home to many fish of gastronomic interest. The following symbols are used to illustrate the level of local culinary interest in each species.



Regularly
consumed



Not
consumed



Rarely
consumed



In high
demand

Conservation status

Fish of the Eastern Mediterranean are often exploited for human gain. This can have significant impacts on the long-term survival of the species. The following symbols indicate each species' IUCN Red List Categories at the time of publication of this document.



Critically
Endangered



Endangered



Vulnerable



Near
Threatened



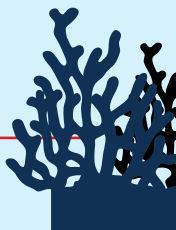
Least
Concern



Data
Deficient



Not
Evaluated



Common fish species

Cow sharks

1 *Hexanchus griseus*

Bluntnose sixgill shark

كلب بحر / مورينا

Requin gris



© Andy Murch

Mackerel sharks

2 *Isurus oxyrinchus*

Shortfin mako

كلب بحر

Taupe bleue



© Andy Murch

Sand tiger

3 *Odontaspis ferox*

Smalltooth sand tiger

كلب بحر / قرش

Requin féroce



© Andy Murch

Requiem sharks

4 *Carcharhinus plumbeus*

Sandbar shark

كلب بحر / قرش

Requin gris



© Andy Murch



5 *Carcharhinus limbatus*

Blacktip Shark

كلب بحر / قرش

Requin bordé



© Andy Murch



Basking sharks

6 *Cetorhinus maximus*

Basking shark

قرش

Requin pèlerin



© Andy Murch





© Andy Murch

Deepwater catsharks

Galeus melastomus 7

Blackmouth catshark

كلب بحر / جلد نمر

Chien espagnol



LC >

Gulper sharks

8 *Centrophorus granulosus*

Gulper shark

أوبيس / واوي

Squale-chagrin commun



© OCEANA



Sleeper sharks

Dalatias licha 9

Kitefin shark

كلب بحر / واوي

Squale liche



© Paulo Oliveira / Alamy Stock Photo



Stingrays

10 *Dasyatis pastinaca*

Common stingray

بقرة

Pastenague commune



© Ziad Samaha



11 *Pteroplatytrygon violacea*

Pelagic stingray

بقرة

Pastenague violette



© Michel Bariche



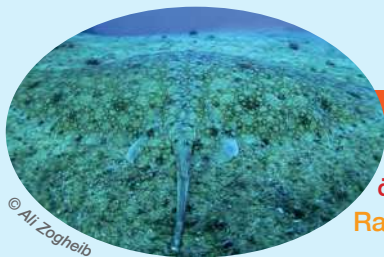
Butterfly rays

Gymnura altavela 12

Spiny butterfly ray

وطواط/بقرة/وطويطة

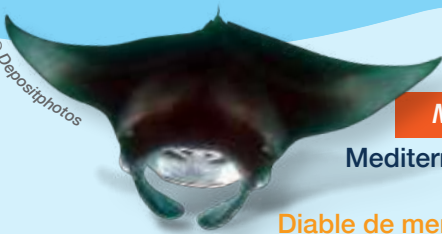
Raie-papillon épineuse



© Ali Zogheib



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Devilrays

Mobula mobular 13

Mediterranean devil ray

شيطان/وطواط

Diable de mer méditerranéen



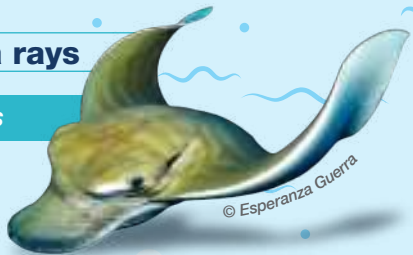
Eagle and manta rays

14 *Aetomylaeus bovinus*

Bull ray

وطواط/بقرة

Aigle vachette



© Esperanza Guerra



Electric rays

Torpedo marmorata 15

Marbled electric ray

كهرباء/تتلاية/رغاد

Torpille marbrée



© Andy Murch



Angel sharks

16 *Squatina aculeata*

Sawback angelshark

حردون

Ange de mer épineux



© Depositphotos



<CR>

Chimaeras

Chimaera monstrosa 17



Rabbitfish

أرنب

Chimère commune

© Deep-Sea Lebanon
/OCEANA



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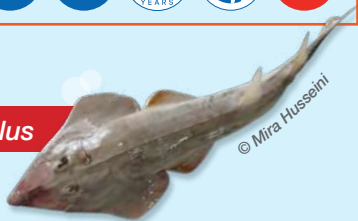
Guitarfishes

18 *Glaucostegus cemiculus*

Blackchin guitarfish

جور

Poisson-guitare fousseur



© Mira Husseini



<VU>



© Ali Zogheib

Moray eels

Gymnothorax unicolor 19

Brown moray

زرنبابة سوداء

Murène brune



© Deep-Sea Lebanon / OCEANA

Muraena helena 20

Mediterranean moray

زرنبابة

Murène de Méditerranée



© Ziad Samaha

Enchelycore anatina 21

Fangtooth moray

زرنبابة صفرة

Murène des îles



Conger eels

22 *Ariosoma balearicum*

Bandtooth conger

حية

Congre des Baléares



© Murat Draman



© Michel Bariche



Barracudinas

Sudis hyalina 23

Transparent barracudina

إجازة

Brochet impérial



Sardines and herrings

24 *Sardina pilchardus*

European pilchard

سردين

Sardine commune



© Ziad Samaha



Sardinella aurita 25

Round sardinella

رينغا

Allache



© Dreamstime



Dussumieria elopsoidea 26

Slender rainbow sardine

سردين/تنوية

Sardine
arc-en-ciel



© Shutterstock



Etrumeus golanii 27

Red-eye round herring

سردين مبروم

Sardine ronde



© gbif.org



Herklotsichthys punctatus 28

Spotback herring

سردين أصفر

Hareng tacheté



© gbif.org



Anchovies

29 *Engraulis encrasicolus*

European anchovy

أبو حنك / لانتشو

Anchois



© Depositphotos



Merluccid hakes

Merluccius merluccius 30

EUROPEAN HAKE

مرلان

MERLU EUROPÉEN



© Deep-Sea Lebanon / OCEANA



Phycid hakes

31 *Phycis blennoides*

Greater forkbeard

خرابية عمق

Phycis de fond



© Michel Bariche





© Ziad Samaha

Goosefishes

Lophius budegassa 32

Black-bellied anglerfish

بالوعة / انتين

Baudroie rousse



Mullet

33 *Chelon labrosus*



© Michel Bariche

Thicklip grey mullet

بوري شيلان

Mulet lipapu



34 *Chelon auratus*



© Depositphotos

Golden grey mullet

بوري دهبان

Mulet doré





© Roberto Pillon

Mugil cephalus 35

Flathead mullet

لبتاية/لبت/كبان

Mullet à grosse tête



© Paulo Oliveira / Alamy Stock Photo

Lanternfishes

Myctophum punctatum 36

Spotted lanternfish

بذرة عمق

Lanterne ponctuée



Cardinalfishes

37 *Apogon imberbis*

Cardinal fish

سمكة دم

Apogon commun



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© Murat Draman

Apogonichthyoides pharaonis 38

Pharaoh cardinalfish 



© gbif.org

Jaydia smithi 39

Smith's cardinalfish 



© Michel Bariche

Jaydia queketti 40

Spotfin cardinal 



© Deep-Sea Lebanon / OCEANA

Ostorhinchus fasciatus 41

Broadbanded cardinalfish 





© Ali Zogheib

Cheilodipterus novemstriatus 42

Indian ocean
twospot
cardinalfish



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Pomfrets

Brama brama 43

Atlantic pomfret

عفريت غمق

Grande castagnole



Jacks and pompanos

44 *Alectis alexandrina*

African threadfish

جمال

Cordonnier bossu



© Ziad Samaha





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Caranx crysos 45

Blue runner

تراخون

Carangue coubali



© Depositphotos

Lichia amia 46

Leerfish

عريان

Liche



© Shutterstock

Naucrates ductor 47

Pilotfish

ربان

Poisson pilote



© Depositphotos

Pseudocaranx dentex 48

White trevally

تراخون

Carangue dentue





Seriola dumerili 49

Greater amberjack

جرو أنتياس/زرزور

Sériole couronnée



Trachurus mediterraneus 50

Mediterranean
horse mackerel

عصيفر

Chinchard à queue jaune



Trachinotus ovatus 51

Pompano

عتعوت

Palomine





© Shutterstock

Picarels

Spicara smaris 52

Picarel

زمريدة بيضاء/ام نقطة
مبرومة/ام عبا مبرومة

Picarel



Dolphinfishes

53 *Coryphaena hippurus*

Common dolphinfish

لمبوكة/بودريس/حرباية

Coryphène commune



© Depositphotos



Remoras

Echeneis naucrates 54

Live sharksucker

قملة

Rémora commun



© Ziad Samaha



Snake Mackerels

55 *Ruvettus pretiosus*

Oilfish

مبرد غمق

Rouvet



Gobies



Gobius cobitis 56

Giant goby

دقور/رعوش/كابوس

Gobie noir



Oxyurichthys petersii 57



Peters's goby

دقور/أرعوش/كابوس

Gobie à tête de grenouille



Grunts



© Kimberly Wieber

Pomadasys incisus 58

Bastard grunt

قسطازة/قريق

Grondeur métis



© Michel Bariche

Pomadasys stridens 59

Striped piggy

Goret à trois bandes



Wrasses

60 *Coris julis*

Mediterranean
rainbow wrasse

ديك عريس/عريسة

Girelle



© Ali Zogheib





© Ziad Samaha

Symphodus tinca 61

East Atlantic
peacock wrasse

شفاف

Crénilabre tanche



© Ziad Samaha

Thalassoma pavo 62

Ornate wrasse

عريسة

Girelle paon



© Ziad Samaha

Xyrichtys novacula 63

Pearly razorfish

فارة/جردون

Rason



© Murat Draman

Pteragogus trispilus 64

Threespot
wrasse



Tripletails

65 *Lobotes surinamensis*

Atlantic tripletail

شبر

Croupia roche



Temperate basses

Dicentrarchus labrax 66

European seabass

براق

Loup de mer



Goatfishes

67 *Mullus barbatus*

Red mullet

سلطان ابراهيم زهري/سلطان ابراهيم وحلي

Rouget de vase





© Alamy Stock Photo

Mullus surmuletus 68

Striped red mullet

سلطان ابراهيم صخري

Rouget de roche



© Ali Zogheib

Parupeneus forsskali 69

Red Sea goatfish

سلطان خليجي

Rouget-barbet barberin



© Murat Draman

Upeneus pori 70

Por's goatfish

سلطان ابراهيم يهودي

سلطان ابراهيم قرمسي

Barbet à queue rayée



© Michel Bariche

Upeneus moluccensis 71

Goldband goatfish

سلطان ابراهيم رملي

Rouget-souris bande d'or



Wreckfishes

72 *Polyprion americanus*

Wreckfish

شوبارة/ضبع/معزاية

Cernier commun



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Parrotfishes

Sparisoma cretense 73

Parrotfish

زليق

Perroquet vieillard



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Scarus ghobban 74

Blue-barred parrotfish

زليق أزرق

Perroquet barbe bleue



Damselfishes

75 *Chromis chromis*

Damselfish

عفريت/بو مقص/قرند
Castagnole



© Ali Zogheib



76 *Abudefduf vaigiensis*

Indo-Pacific sergeant

Sergent-major
de Mer Rouge



© Francesco Ungaro



Bluefishes

Pomatomus saltatrix 77

Bluefish

غنبار

Tassergal



© Depositphotos



Drums or croakers



© Depositphotos

Argyrosomus regius 78

Meagre

مسقار

Maigre commun



© Depositphotos

Sciaena umbra 79

Brown meagre

سنسة/شأيمس

Corb commun



© Depositphotos

Umbrina cirrosa 80

Shi drum

كربال/جروشنة

Ombrine côtière



Mackerel, tunas

81 *Auxis rochei*

Bullet tuna

بلموط/بالاموط/بلاميدا مبرومة

Bonitou



82 *Euthynnus alletteratus*

Little tunny

بالاميدا

Thonine commune



83 *Katsuwonus pelamis*

Skipjack tuna

واوي/بلميدا غزال

Bonite à ventre rayé



84 *Sarda sarda*

Atlantic bonito

بلميدا غزال

Bonite à dos rayé





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Scomber colias 85

Mediterranean chub mackerel

سكومبري

Maquereau espagnol atlantique



© Michel Bariche

Thunnus thynnus 86

Northern bluefin tuna

طون/بلو فن

Thon rouge de l'Atlantique



© Depositphotos

Thunnus alalunga 87

Albacore

الباكور

Germon



Scomberomorus commerson 88

Narrow-barred Spanish mackerel

أبو سن/غزال

Thazard rayé
indo-pacifique



© Ziad Samaha



Sea basses

89 *Anthias anthias*

Swallowtail seaperch



© Depositphotos

Barbier hironnelle



90 *Epinephelus marginatus*

Dusky grouper

حفش

Mérou noir



© Ali Zogheib



91 *Hyporthodus haifensis*

Haifa grouper

ضبوعَة/ضبع

Mérou d'Haifa



© Ziad Samaha



92 *Epinephelus caninus*

Dogtooth grouper

ضبع/لقز

Mérou gris



© OCEANA





© Carmelo López Abad

Epinephelus costae 93

Goldblotch grouper

زبير

Mérou badèche



© Murat Draman

Epinephelus aeneus 94

White grouper

لقز رملي

Mérou blanc



© Esperanza Guerra

Mycteroperca rubra 95

Mottled grouper

أريدية/لقز صخري

Mérou royal



© Depositphotos

Serranus cabrilla 96

Comber

خنوس

Serran-chèvre





© Ali Zogheib

Serranus scriba 97

Painted comber

أبو نوح

Serran écriture



Porgies

98 *Boops boops*

Bogue

غَبْص

Bogue



© Depositphotos



99 *Dentex macrophthalmus*

Large-eye dentex

بحلق

Denté à gros yeux



© Deep-Sea Lebanon / OCEANA





© Ziad Samaha

Dentex dentex 100

Common dentex

بصاص

Denté commun



© OCEANA / Carlos Minguell

Dentex gibbosus 101

Pink dentex

جربيدي أبو ريشه

Gros denté rose



© OCEANA

Dentex maroccanus 102

Morocco dentex

جربيدي

Denté du Maroc



© Depositphotos

Diplodus puntazzo 103

Sharpsnout seabream

عصفور

Sar à museau pointu



104 *Diplodus annularis*

Annular seabream

سقيليني

Sparailon commun



© OCEANA / Carlos Minguell



105 *Diplodus levantinus*

Levantine seabream

سرغوس

Sar du Levant



© Ali Zogheib



106 *Diplodus cervinus*

Zebra seabream

حداد

Sar à grosses lèvres



© Mira Hussein



107 *Lithognathus mormyrus*

Striped seabream

مرمرور

Marbré



© OCEANA / Carlos Minguell





© Depositphotos

Oblada melanura 108

Saddled seabream

منوري
Oblade



© Deep-Sea Lebanon / OCEANA

Pagellus erythrinus 109

Common pandora

جربيدي
Pageot commun



© Alamy

Pagellus acarne 110

Axillary seabream

ذكر جربيدي
Pageot acarne



© Shutterstock

Pagellus bogaraveo 111

Blackspot seabream

بلق أبو نقطة
Dorade rose



112 *Pagrus auriga*

Red-banded seabream

ذكر فرفورة/دوبلية

Pagre rayé



© OCEANA / Carlos Suárez



113 *Pagrus pagrus*

Common seabream

جربيدي مكحل

Pagre rouge



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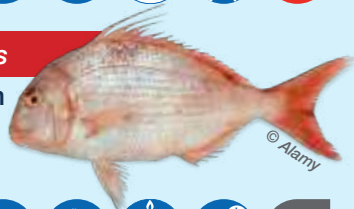


114 *Pagrus caeruleostictus*

Bluespotted seabream

فرفورة

Pagre à points bleus



© Alamy



115 *Sarpa salpa*

Salema

صلبن

Saupe



© Ziad Samaha





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Sparus aurata 116

Gilthead seabream

أجاج

Dorade royale



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Spondyliosoma cantharus 117

Black seabream

سمكة الريس

Dorade grise



© Ali Zogheib

Diplodus vulgaris 118

Common
two-banded
seabream

أسبور أبيض



Aulopus

119 *Aulopus filamentosus*

Royal flagfin

شكارمو بوريشة

Limberty royal



Barracudas



Sphyraena viridensis 120

Yellowmouth barracuda

سفرنة

Bécune bouche jaune



Sphyraena chrysotaenia 121

Yellowstripe barracuda

مليفة

Bécune obtuse



Weeverfishes

122 *Echiichthys vipera*

Lesser weever

درئنة

Petite vive



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123 *Trachinus araneus*

Spotted weever

درئنة بيضة

Vive araignée



© Depositphotos



124 *Trachinus draco*

Greater weever

درئنة سوداء

Grande vive



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© Murat Draman

Trachinus radiatus 125

Starry weever

درنة

Vive à tête rayonnée



Triplefin blennies

126 *Tripterygion melanurus*

Red-black triplefin

Triptérygion rouge



© Ziad Samaha



© Bassem el Oud



Stargazers

Uranoscopus scaber 127

Atlantic stargazer

بومة

Uranoscope



Armored gurnards



Peristedion cataphractum 128

African armoured
searobin
Malarmat



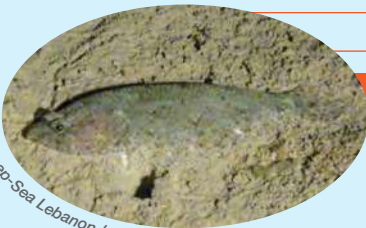
Flying gurnards

129 *Dactylopterus volitans*

Flying gurnard
دجاجة
Grondin volant



Citharids



Citharus linguatula 130

Atlantic spotted
flounder
سمكة موسى
Feuille



Soles

131 *Pegusa sp.*

Sole

سمكة موسى

Sole



© Ziad Samaha



132 *Pegusa lascaris*

Sand sole

سمكة موسى

Sole-pole



© Alamy



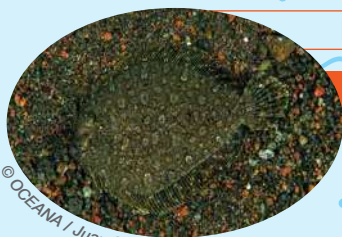
Lefteye Flounders

Bothus podas 133

Wide-eyed flounder

سمكة موسى

Rombou podas



© OCEANA / Juan Cuetos



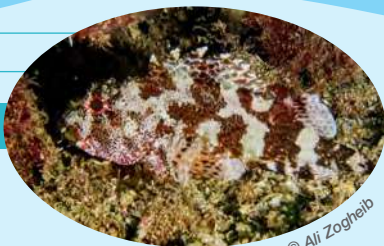
Scorpionfishes

134 *Scorpaena maderensis*

Madeira rockfish

مخر

Rascasse de Madère



© Ali Zogheib



135 *Scorpaena porcus*

Black scorpionfish

ام شويك

Rascasse brune



© Ziad Samaha



136 *Pterois miles*



Devil firefish

فراشه/سمكة الأسد

Rascasse volante



© Deep-Sea Lebanon / OCEANA



Pipefishes and seahorses

137 *Hippocampus guttulatus*

Longsnouted seahorse

فرس البحر

Hippocampe à long bec



© Esperanza Guerra



138 *Syngnathus abaster*

Blackstripe pipefish

Syngnathe de lagune



© Michel Bariche



139 *Hippocampus fuscus*

Sea pony

فرس البحر



© Alamy



Rockfishes

140 *Helicolenus dactylopterus*

Blackbelly rosefish

شتروب

Sébaste chèvre



© Deep-Sea Lebanon / OCEANA



Barbeled dragonfishes



© Deep-Sea Lebanon / OCEANA

Chauliodus sloani 141

Sloane's viperfish

Vipère de mer



Triggerfishes



© Esperanza Guerra

Balistes capriscus 142

Grey triggerfish

مبرد/خنزير

Baliste cabri



Puffers

143 *Lagocephalus lagocephalus*

Oceanic puffer

منفخ / أرنب

Compère
océanique



144 *Lagocephalus suezensis*

Suez pufferfish

منفخ / أرنب

Tétraodon-lièvre de Suez



145 *Lagocephalus scleratus*

Silver-cheeked toadfish

منفخ / أرنب

Ballon à bande
argentée



© Michel Bariche



Lagocephalus guentheri 146

Diamondback puffer

منفخ / أرنب

Tétraodon-lièvre doré



Sphoeroides pachygaster 147



Blunthead puffer

منفخ / أرنب

Tétronon à tête carrée



© Ziad Samaha



Torquigener flavimaculosus 148

Yellowspotted puffer

منفخ / أرنب

Tétronon constellé



© Ali Zogheib



Tylerius spinosissimus 149



Spiny blaasop

منفخ / أرنب



Molas or ocean sunfishes

150 *Mola mola*

Ocean sunfish

سمكة الشمس/مولا

Poisson lune



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Boarfishes



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Capros aper 151

Boarfish

نور

Sangler



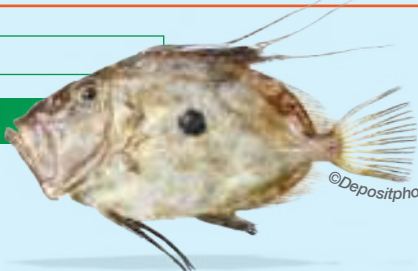
Dories

152 *Zeus faber*

John dory

جمل / شبر

Saint Pierre



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Silversides

Atherinomorus forskalii 153



Red Sea hardyhead
silverside

ذکر تریکو

Athérine têteue



Lizardfishes

154 *Saurida lessepsianus*

Lizardfish

عرموط/شكورمو

Poisson lézard



Halfbeaks

Hemiramphus far 155

Black-barred halfbeak

دبوس

Demi-bec à taches noires



Soldierfishes

156 *Sargocentron rubrum*



Redcoat

سمكة نابلون

Marignan rouget



© Ziad Samaha



Dragonets



© Michel Bariche

Callionymus filamentosus 157

Blotchfin dragonet



وطواط

Dragonnet de Mer Rouge



Butterflyfishes

158 *Heniochus intermedius*



Red Sea bannerfish

Poisson cocher de Mer Rouge



© Depositphotos



Crocodile toothfishes



© Michel Bariche

Champsodon nudivittis 159



Slimys, slipmouths, or ponyfishes

160 *Equulites klunzingeri*



Klunzinger's ponyfish

Sapsap de Mer Rouge



© Ofer Gon



Threadfin breams, whiptail breams

© Michel Bariche




Nemipterus randalli 161

Randall's threadfin bream



Sweepers

162 *Pempheris rhomboidea*

 Rhomboidal sweeper
قمر الليل/سراج الليل



© Ali Zoghheib



Bigeyes or catalufas

Heteropriacanthus cruentatus 163

Glasseye 

Beauclaire de roche




© Carlos Minguell



Angelfishes

164 *Pomacanthus maculosus*

 Yellowbar angelfish

Poisson-ange géographe



© Depositphotos





© Shutterstock

Rabbitfishes

Siganus luridus 165

Dusky spinefoot

عقّيس أسود/مواسطة/بطريز/
أبو شوكة/بَلشفيك/عاقوص

Poisson-lapin à queue tronquée



© Depositphotos

Siganus rivulatus 166

Marbled spinefoot

عقّيس أبيض/مواسطة/بطريز/
أبو شوكة/بَلشفيك/عاقوص

Poisson-lapin à ventre strié



Smelt whitings

© Michel Bariche



Sillago suezensis 167

Suez sillago

مليقة

Pêche-madame argenté



Grunters or tigerperches

168 *Terapon puta*

Small-scaled terapon

Terapon à queue rayée



© Michel Bariche



Flatheads

Platycephalus indicus 169

Bartail flathead

Platycéphale indien



© Shutterstock



Stonefishes

170 *Synanceia verrucosa*

Stonefish

Poisson pierre commun



© Depositphotos





© Ali Zogheib

Eeltail catfishes

Plotosus lineatus 171

Striped eel catfish

بسینه

Mâchoiron titan



Cornetfishes

172 *Fistularia commersonii*

Bluespotted cornetfish

شلمونة

Cornette à taches bleues



© Ziad Samaha



Porcupinefishes (burrfishes)



© Alamy

Cyclichthys spilostylus 173

Spotbase burrfish


Poisson-hérissou

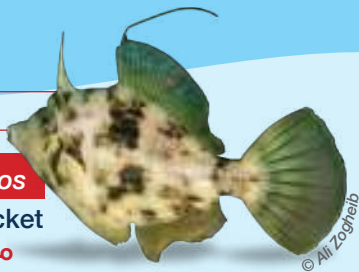
à points jaunes



Filefishes

174 *Stephanolepis diaspros*

 Reticulated leatherjacket
 مبرد/سرى/سرى/طاء
 Bourse garnale




© Ali Zogheib



© Elie Saliba

Boxfishes

Ostracion cubicus 175

 Yellow boxfish

Poisson coffre jaune



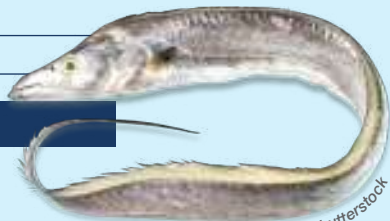
Cutlassfishes

176 *Trichiurus lepturus*

Largehead hairtail

سيف

Poisson-sabre commun



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