

WILDLIFE



GUIDE

CIBBRiNA
version



INTRODUCTION

The Clean Catch Wildlife ID Guide (2024) was developed and designed by Mindfully Wired for Clean Catch UK and Cefas. **Cefas is the owner of this guide and owns its copyright.**

With the permission of Cefas, CIBBRiNA has adapted this guide to produce a version for use by fishers in multiple countries in Europe. The guide's purpose is to help fishers correctly identify a wide range of Endangered, Threatened, and Protected species. The guide focuses on species typically found around the UK, although many of the species are found more widely in the Northeast Atlantic Ocean. In the adapted ID guide, references to UK waters and to specific UK regulations for the voluntary or mandatory reporting of bycatch of Endangered, Threatened, or Protected species have been removed. No content from the original guide has been translated.

The CIBBRiNA version of this guide includes tables translating the common names of species from English into other languages. The tables can be used to navigate to the correct page in the guide for the species of interest to the user.

Tables are included for:

3 English	8 Dutch
4 French	9 German
5 Spanish	10 Polish
6 Portuguese	11 Danish
7 Portuguese Madeira	

Comments or questions relating to this guide should be sent to CIBBRiNA (CIBBRiNA@minlnv.nl). If the enquiry relates to the original Clean Catch Wildlife ID Guide (2024), CIBBRiNA will refer this on to the appropriate contact at Cefas.

About CIBBRiNA

The Coordinated Development and Implementation of Best Practice in Bycatch Reduction in the North Atlantic, Baltic and Mediterranean Regions (CIBBRiNA) project aims to minimise the bycatch of Endangered, Threatened and Protected (ETP) species in the North-East Atlantic, Baltic, and Mediterranean seas, working collaboratively as fishers, authorities, scientists, and other relevant stakeholders to achieve this. The species that we focus on include a variety of mammals, birds, turtles, and sharks, skates, and rays.

Through cross-border and cross-sectoral collaboration involving stakeholders from 13 European countries, CIBBRiNA is establishing mitigation, monitoring, and assessment programmes in a selection of fisheries with a higher risk of bycatch. Within a proactively fostered "Safe Working Environment" characterised by mutual trust, safety, and cooperation, we will build on a review of current approaches and learning from our Case Study fisheries to deliver an innovative toolbox designed to be integrated into policy and best practice in European fisheries management.

CIBBRiNA is funded by the EU's LIFE programme and runs from 2023 to 2029.

<https://cibbrina.eu/>



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	Name	Scientific name	FAO code	AphiaID	Page no.
Dolphins and porpoises	Bottlenose dolphin	<i>Tursiops truncatus</i>	DBO	137111	17
	Common dolphin	<i>Delphinus delphis</i>	DCO	137094	17
	Long-finned pilot whale	<i>Globicephala melas</i>	PIW	137097	17
	Risso's dolphin	<i>Grampus griseus</i>	DRR	137098	17
	Harbour porpoise	<i>Phocoena phocoena</i>	PHR	137117	18
	Striped dolphin	<i>Stenella coeruleoalba</i>	DST	137107	18
	White-beaked dolphin	<i>Lagenorhynchus albirostris</i>	BWD	137101	18
	Atlantic white-sided dolphin	<i>Lagenorhynchus acutus</i>	DWH	1571853	18
Seals	Harbour Seal	<i>Phoca vitulina</i>	SEC	137084	21
	Grey Seal	<i>Halichoerus grypus</i>	SEG	137080	21
Turtles	Kemp's ridley turtle	<i>Lepidochelys kempii</i>	LKY	137208	23
	Leatherback turtle	<i>Dermochelys coriacea</i>	DKK	137209	23
	Loggerhead turtle	<i>Caretta caretta</i>	TTL	137205	23
Seabirds - auks	Atlantic puffin	<i>Fratercula arctica</i>	FPA	137131	25
	Common murre, Guillemot	<i>Uria aalge</i>	UQT	137133	25
	Black guillemot	<i>Cephus grylle</i>	HBO	137130	26
	Razorbill	<i>Alca torda</i>	HBW	137128	26
Seabirds - cormorants and gannets	Great cormorant	<i>Phalacrocorax carbo</i>	ISY	137179	27
	Northern gannet	<i>Morus bassanus</i>	MVB	148776	27
	European shag	<i>Gulosus aristotelis</i>	ISW	1704278	27
Seabirds - divers	Black-throated diver	<i>Gavia arctica</i>	BWC	137186	29
	Great northern diver	<i>Gavia immer</i>	BWE	137187	29
	Red-throated diver	<i>Gavia stellata</i>	BWF	137188	29
Seabirds - gulls	Common black-headed gull	<i>Larus ridibundus</i>	CVV	137149	30
	Mew gull, Common gull	<i>Larus canus</i>	LCW	137141	30
	Great black-backed gull	<i>Larus marinus</i>	LVU	137146	30
	Lesser black-backed gull	<i>Larus fuscus</i>	LOW	137142	31
	Mediterranean gull	<i>Larus melanocephalus</i>	DTY	1584284	31
	Herring gull	<i>Larus argentatus</i>	LHZ	137138	31
	Black-legged kittiwake	<i>Rissa tridactyla</i>	QDV	137156	31
	Little gull	<i>Hydrocoloeus minutus</i>	DTZ	567449	32
Seabirds - fulmars, petrels and shearwaters	Balearic shearwater	<i>Puffinus mauretanicus</i>	UIM	445503	33
	Northern fulmar	<i>Fulmarus glacialis</i>	FNO	137195	33
	Great shearwater	<i>Puffinus gravis</i>	PUG	137201	33
	Manx shearwater	<i>Puffinus puffinus</i>	UIP	137203	34
	European storm-petrel	<i>Hydrobates pelagicus</i>	DAZ	137189	34
Skates and rays	Electric ray, Atlantic torpedo ray	<i>Tetronarce nobiliana</i>	TTO	321911	36
	Marbled electric ray	<i>Torpedo marmorata</i>	TTR	271684	36
	Common stingray	<i>Dasyatis pastinaca</i>	JDP	105851	36
	Common eagle ray	<i>Myliobatis aquila</i>	MYL	105860	36
	Blue skate	<i>Dipturus batis</i>	RJB	105869	37
	Flapper skate	<i>Dipturus intermedius</i>	DRJ	711846	37
	Longnosed skate	<i>Dipturus oxyrinchus</i>	RJO	105872	38
	White skate	<i>Rostroraja alba</i>	RJA	105896	38
	Spotted ray	<i>Raja montagui</i>	RJM	105887	38
	Blonde ray	<i>Raja brachyura</i>	RJH	367297	38
	Cuckoo ray	<i>Leucoraja naevus</i>	RJN	105876	39
	Starry ray, Thorny ray	<i>Amblyraja radiata</i>	RJR	105865	39
	Small-eyed ray	<i>Raja microocellata</i>	RJE	105885	39
	Undulate ray	<i>Raja undulata</i>	RJU	105891	39
	Shagreen ray	<i>Leucoraja fullonica</i>	RJF	105874	40
Sharks	Angelshark	<i>Squatina squatina</i>	AGN	105928	42
	Basking shark	<i>Cetorhinus maximus</i>	BSK	105837	42
	Blue shark	<i>Prionace glauca</i>	BSH	105801	42
	Bluntnose sixgill shark	<i>Hexanchus griseus</i>	SBL	105833	42
	Porbeagle	<i>Lamna nasus</i>	POR	105841	43
	Shortfin mako	<i>Isurus oxyrinchus</i>	SMA	105839	43
	Picked dogfish, Spurdog	<i>Squalus acanthias</i>	DGS	105923	43
	Starry smooth-hound	<i>Mustelus asterias</i>	SDS	105821	43
	Thresher	<i>Alopias vulpinus</i>	ALV	105836	44
	Tope shark	<i>Galeorhinus galeus</i>	GAG	105820	44
	Tuna	Albacore	<i>Thunnus alalunga</i>	ALB	127026
Bigeye tuna		<i>Thunnus obesus</i>	BET	127028	46
Atlantic bluefin tuna		<i>Thunnus thynnus</i>	BFT	127029	46
Atlantic bonito		<i>Sarda sarda</i>	BON	127021	46
Yellowfin tuna		<i>Thunnus albacares</i>	YFT	127027	47

	Nom	Nom Anglais	Nom scientifique	FAO code	AphiaID	Page no.
Dauphins et marsouins	Grand dauphin	Bottlenose dolphin	<i>Tursiops truncatus</i>	DBO	137111	17
	Dauphin commun	Common dolphin	<i>Delphinus delphis</i>	DCO	137094	17
	Globicéphale commun	Long-finned pilot whale	<i>Globicephala melas</i>	PIW	137097	17
	Grampus	Risso's dolphin	<i>Grampus griseus</i>	DRR	137098	17
	Marsouin commun	Harbour porpoise	<i>Phocoena phocoena</i>	PHR	137117	18
	Dauphin bleu et blanc	Striped dolphin	<i>Stenella coeruleoalba</i>	DST	137107	18
	Dauphin à bec blanc	White-beaked dolphin	<i>Lagenorhynchus albirostris</i>	BWD	137101	18
	Dauphin à flancs blancs Atlan.	Atlantic white-sided dolphin	<i>Lagenorhynchus acutus</i>	DWH	1571853	18
Phoques	Phoque veau marin	Harbour Seal	<i>Phoca vitulina</i>	SEC	137084	21
	Phoque gris	Grey Seal	<i>Halichoerus grypus</i>	SEG	137080	21
Tortues	Tortue de Kemp	Kemp's ridley turtle	<i>Lepidochelys kempii</i>	LKY	137208	23
	Tortue luth	Leatherback turtle	<i>Dermochelys coriacea</i>	DKK	137209	23
	Caouane	Loggerhead turtle	<i>Caretta caretta</i>	TTL	137205	23
Oiseaux marins - pingouins	Macareux moine	Atlantic puffin	<i>Fratercula arctica</i>	FPA	137131	25
	Guillemot marmette	Common murre, Guillemot	<i>Uria aalge</i>	UQT	137133	25
	Guillemot à miroir	Black guillemot	<i>Cepphus grylle</i>	HBO	137130	26
	Pingouin torda	Razorbill	<i>Alca torda</i>	HBW	137128	26
Oiseaux marins – cormorans et fou de bassan	Grand cormoran	Great cormorant	<i>Phalacrocorax carbo</i>	ISY	137179	27
	Fou de bassan	Northern gannet	<i>Morus bassanus</i>	MVB	148776	27
	Cormoran huppé	European shag	<i>Gulosus aristotelis</i>	ISW	1704273	27
Oiseaux marins - plongeurs	Plongeon arctique	Black-throated diver	<i>Gavia arctica</i>	BWC	137186	29
	Plongeon imbrin	Great northern diver	<i>Gavia immer</i>	BWE	137187	29
	Plongeon catmarin	Red-throated diver	<i>Gavia stellata</i>	BWF	137188	29
Oiseaux marins - mouettes	Mouette rieuse	Common black-headed gull	<i>Larus ridibundus</i>	CVV	137149	30
	Goéland cendré	Mew gull, Common gull	<i>Larus canus</i>	LCW	137141	30
	Goéland marin	Great black-backed gull	<i>Larus marinus</i>	LVU	137146	30
	Goéland brun	Lesser black-backed gull	<i>Larus fuscus</i>	LOW	137142	31
	Mouette mélanocéphale	Mediterranean gull	<i>Larus melanocephalus</i>	DTY	1584284	31
	Goéland argenté	Herring gull	<i>Larus argentatus</i>	LHZ	137138	31
	Mouette tridactyle	Black-legged kittiwake	<i>Rissa tridactyla</i>	QDV	137156	31
Mouette pygmée	Little gull	<i>Hydrocoloeus minutus</i>	DTZ	567449	32	
Oiseaux marins – fulmars, pétrels et puffins	Puffin des Baléares	Balearic shearwater	<i>Puffinus mauretanicus</i>	UIM	445503	33
	Fulmar boréal	Northern fulmar	<i>Fulmarus glacialis</i>	FNO	137195	33
	Puffin majeur	Great shearwater	<i>Puffinus gravis</i>	PUG	137201	33
	Puffin des anglais	Manx shearwater	<i>Puffinus puffinus</i>	UIP	137203	34
	Océanite tempête	European storm-petrel	<i>Hydrobates pelagicus</i>	DAZ	137189	34
Raies	Torpille noire	Electric ray, Atlantic torpedo ray	<i>Tetronarce nobiliana</i>	TTO	321911	36
	Torpille marbrée	Marbled electric ray	<i>Torpedo marmorata</i>	TTR	271684	36
	Pasténague commune	Common stingray	<i>Dasyatis pastinaca</i>	JDP	105851	36
	Aigle commun	Common eagle ray	<i>Myliobatis aquila</i>	MYL	105860	36
	Pocheteau gris	Blue skate	<i>Dipturus batis</i>	RJB	105869	37
		Flapper skate	<i>Dipturus intermedius</i>	DRJ	711846	37
	Pocheteau noir	Longnosed skate	<i>Dipturus oxyrinchus</i>	RJO	105872	38
	Raie blanche	White skate	<i>Rostroraja alba</i>	RJA	105896	38
	Raie douce	Spotted ray	<i>Raja montagui</i>	RJM	105887	38
	Raie lisse	Blonde ray	<i>Raja brachyura</i>	RJH	367297	38
	Raie fleurie	Cuckoo ray	<i>Leucoraja naevus</i>	RJN	105876	39
	Raie radiée	Starry ray, Thorny ray	<i>Amblyraja radiata</i>	RJR	105865	39
	Raie mûlée	Small-eyed ray	<i>Raja microocellata</i>	RJE	105885	39
	Raie brunette	Undulate ray	<i>Raja undulata</i>	RJU	105891	39
Raie chardon	Shagreen ray	<i>Leucoraja fullonica</i>	RJF	105874	40	
Requins	Ange de mer commun	Angleshark	<i>Squatina squatina</i>	AGN	105928	42
	Pèlerin	Basking shark	<i>Cetorhinus maximus</i>	BSK	105837	42
	Peau bleue	Blue shark	<i>Prionace glauca</i>	BSH	105801	42
	Requin grisot	Bluntnose sixgill shark	<i>Hexanchus griseus</i>	SBL	105833	42
	Requin-taube commun	Porbeagle	<i>Lamna nasus</i>	POR	105841	43
	Taube bleue	Shortfin mako	<i>Isurus oxyrinchus</i>	SMA	105839	43
	Aiguillat commun	Picked dogfish, Spurdog	<i>Squalus acanthias</i>	DGS	105923	43
	Émissile tachetée	Starry smooth-hound	<i>Mustelus asterias</i>	SDS	105821	43
	Renard	Thresher	<i>Alopias vulpinus</i>	AIV	105836	44
	Requin-hâ	Tope shark	<i>Galeorhinus galeus</i>	GAG	105820	44
Thon	Germon	Albacore	<i>Thunnus alalunga</i>	ALB	127026	46
	Thon obèse(=Patudo)	Bigeye tuna	<i>Thunnus obesus</i>	BET	127028	46
	Thon rouge de l'Atlantique	Atlantic bluefin tuna	<i>Thunnus thynnus</i>	BFT	127029	46
	Bonite à dos rayé	Atlantic bonito	<i>Sarda sarda</i>	BON	127021	46
	Albacore	Yellowfin tuna	<i>Thunnus albacares</i>	YFT	127027	47

	Nombre	Nombre Ingles	Nombre científica	FAO code	AphiaID	Page no.	
Delfines y marsopas	Tursion	Bottlenose dolphin	<i>Tursiops truncatus</i>	DBO	137111	17	
	Delfín común	Common dolphin	<i>Delphinus delphis</i>	DCO	137094	17	
	Calderón común	Long-finned pilot whale	<i>Globicephala melas</i>	PIW	137097	17	
	Delfín de Risso	Risso's dolphin	<i>Grampus griseus</i>	DRR	137098	17	
	Marsopa común	Harbour porpoise	<i>Phocoena phocoena</i>	PHR	137117	18	
	Estenela listada	Striped dolphin	<i>Stenella coeruleoalba</i>	DST	137107	18	
	Delfín de hocico blanco	White-beaked dolphin	<i>Lagenorhynchus albirostris</i>	BWD	137101	18	
	Delfín de flancos blancos	Atlantic white-sided dolphin	<i>Lagenorhynchus acutus</i>	DWH	1571853	18	
Focas	Foca común	Harbour Seal	<i>Phoca vitulina</i>	SEC	137084	21	
	Foca de gris	Grey Seal	<i>Halichoerus grypus</i>	SEG	137080	21	
Tortugas	Tortuga lora	Kemp's ridley turtle	<i>Lepidochelys kempii</i>	LKY	137208	23	
	Tortuga laud	Leatherback turtle	<i>Dermochelys coriacea</i>	DKK	137209	23	
	Caguama	Loggerhead turtle	<i>Caretta caretta</i>	TTL	137205	23	
Aves marinas - alcas	Frailecillo atlántico	Atlantic puffin	<i>Fratercula arctica</i>	FPA	137131	25	
	Arao común	Common murre, Guillemot	<i>Uria aalge</i>	UOT	137133	25	
	Arao aliblanco	Black guillemot	<i>Cepphus grylle</i>	HBO	137130	26	
	Alca común	Razorbill	<i>Alca torda</i>	HBW	137128	26	
Aves marinas - cormoranes y alcatraces	Cormorán grande	Great cormorant	<i>Phalacrocorax carbo</i>	ISY	137179	27	
	Alcatraz atlántico	Northern gannet	<i>Morus bassanus</i>	MVB	148776	27	
	Cormorán moñudo	European shag	<i>Gulosus aristotelis</i>	ISW	1704278	27	
Aves marinas - buceadores	Colimbo artico	Black-throated diver	<i>Gavia arctica</i>	BWC	137186	29	
	Colimbo grande	Great northern diver	<i>Gavia immer</i>	BWE	137187	29	
	Colimbo chico	Red-throated diver	<i>Gavia stellata</i>	BWF	137188	29	
Aves marinas - gaviotas	Gaviota reidora	Common black-headed gull	<i>Larus ridibundus</i>	CVV	137149	30	
	Gaviota cana	Mew gull, Common gull	<i>Larus canus</i>	LCW	137141	30	
	Gavián atlántico	Great black-backed gull	<i>Larus marinus</i>	LVU	137146	30	
	Gaviota sombría	Lesser black-backed gull	<i>Larus fuscus</i>	LOW	137142	31	
		Mediterranean gull	<i>Larus melanocephalus</i>	DTY	1584284	31	
	Gaviota argéntea	Herring gull	<i>Larus argentatus</i>	LHZ	137138	31	
	Gaviota tridáctila	Black-legged kittiwake	<i>Rissa tridactyla</i>	ODV	137156	31	
	Little gull	<i>Hydrocoloeus minutus</i>	DTZ	567449	32		
Aves marinas - fulmares, petreles y pardelas	Pardela pichoneta balear	Balearic shearwater	<i>Puffinus mauretanicus</i>	UIM	445503	33	
	Fulmar norteño	Northern fulmar	<i>Fulmarus glacialis</i>	FNO	137195	33	
	Pardela capirotada	Great shearwater	<i>Puffinus gravis</i>	PUG	137201	33	
	Pardela pichoneta	Manx shearwater	<i>Puffinus puffinus</i>	UIP	137203	34	
	Paño europeo	European storm-petrel	<i>Hydrobates pelagicus</i>	DAZ	137189	34	
	Tremolina negra	Electric ray, Atlantic torpedo ray	<i>Tetronarce nobiliana</i>	TTO	321911	36	
Mantas y rayas	Tremolina mármol	Marbled electric ray	<i>Torpedo marmorata</i>	TTR	271684	36	
	Raya látigo común	Common stingray	<i>Dasyatis pastinaca</i>	JDP	105851	36	
	Aguila marina	Common eagle ray	<i>Myliobatis aquila</i>	MYL	105860	36	
	Noriega	Blue skate	<i>Dipturus batis</i>	RJB	105869	37	
		Flapper skate	<i>Dipturus intermedius</i>	DRJ	711846	37	
	Raya picuda	Longnosed skate	<i>Dipturus oxyrinchus</i>	RJO	105872	38	
	Raya bramante	White skate	<i>Rostoraja alba</i>	RJA	105896	38	
	Raya pintada	Spotted ray	<i>Raja montagui</i>	RJM	105887	38	
	Raya boca de rosa	Blonde ray	<i>Raja brachyura</i>	RJH	367297	38	
	Raya santiguosa	Cuckoo ray	<i>Leucoraja naevus</i>	RJN	105876	39	
	Raya radiante	Starry ray, Thorny ray	<i>Amblyraja radiata</i>	RJR	105865	39	
	Raya colorada	Small-eyed ray	<i>Raja microocellata</i>	RJE	105885	39	
	Raya mosaica	Undulate ray	<i>Raja undulata</i>	RJU	105891	39	
	Raya cardadora	Shagreen ray	<i>Leucoraja fullonica</i>	RJF	105874	40	
	Tiburones	Angelote	Angelshark	<i>Squatina squatina</i>	AGN	105928	42
Peregrino		Basking shark	<i>Cetorhinus maximus</i>	BSK	105837	42	
Tiburón azul		Blue shark	<i>Prionace glauca</i>	BSH	105801	42	
Cañabota gris		Bluntnose sixgill shark	<i>Hexanchus griseus</i>	SBL	105833	42	
Marrajo sardinero		Porbeagle	<i>Lamna nasus</i>	POR	105841	43	
Marrajo dientuso		Shortfin mako	<i>Isurus oxyrinchus</i>	SMA	105839	43	
Mielga		Picked dogfish, Spurdog	<i>Squalus acanthias</i>	DGS	105923	43	
Musola dentada		Starry smooth-hound	<i>Mustelus asterias</i>	SDS	105821	43	
Zorro		Thresher	<i>Alopias vulpinus</i>	ALV	105836	44	
Cazón		Tope shark	<i>Galeorhinus galeus</i>	GAG	105820	44	
Atún		Atún blanco	Albacore	<i>Thunnus alalunga</i>	ALB	127026	46
		Patudo	Bigeye tuna	<i>Thunnus obesus</i>	BET	127028	46
	Atún rojo del Atlántico	Atlantic bluefin tuna	<i>Thunnus thynnus</i>	BFT	127029	46	
	Bonito del Atlántico	Atlantic bonito	<i>Sarda sarda</i>	BON	127021	46	
	Rabil	Yellowfin tuna	<i>Thunnus albacares</i>	YFT	127027	47	

Português

	Nome	Nome Inglês	Nome científico	FAO code	AphiaID	Page no.
Golfinhos e botos	Roaz-covineiro	Bottlenose dolphin	<i>Tursiops truncatus</i>	DBO	137111	17
	Golfinho-comum	Common dolphin	<i>Delphinus delphis</i>	DCO	137094	17
	Baleia-piloto-de-barbatana-longa	Long-finned pilot whale	<i>Globicephala melas</i>	PIW	137097	17
	Grampo	Risso's dolphin	<i>Grampus griseus</i>	DRR	137098	17
	Boto	Harbour porpoise	<i>Phocoena phocoena</i>	PHR	137117	18
	Golfinho-riscado	Striped dolphin	<i>Stenella coeruleoalba</i>	DST	137107	18
	Golfinho-de-bico-branco	White-beaked dolphin	<i>Lagenorhynchus albirostris</i>	BWD	137101	18
	Golfinho-de-flancos-brancos-do-Atlântico	Atlantic white-sided dolphin	<i>Lagenorhynchus acutus</i>	DWH	1571853	18
Focas	Foca-comum	Harbour Seal	<i>Phoca vitulina</i>	SEC	137084	21
	Foca-cinzenta	Grey Seal	<i>Halichoerus grypus</i>	SEG	137080	21
Tartarugas		Kemp's ridley turtle	<i>Lepidochelys kempii</i>	LKY	137208	23
	Tartaruga-de-couro	Leatherback turtle	<i>Dermochelys coriacea</i>	DKK	137209	23
	Tartaruga-comum	Loggerhead turtle	<i>Caretta caretta</i>	TTL	137205	23
Aves marinhas - arau	Papagaio-do-mar	Atlantic puffin	<i>Fratercula arctica</i>	FPA	137131	25
	Airo	Common murre, Guillemot	<i>Uria aalge</i>	UQT	137133	25
		Black guillemot	<i>Cepphus grylle</i>	HBO	137130	26
	Torda-mergulheira	Razorbill	<i>Alca torda</i>	HBW	137128	26
Aves marinhas - corvos-marinhos e gansos-patolas	Corvo-marinho	Great cormorant	<i>Phalacrocorax carbo</i>	ISY	137179	27
	Alcatraz	Northern gannet	<i>Morus bassanus</i>	MVB	148776	27
	Galheta	European shag	<i>Gulosus aristotelis</i>	ISW	1704278	27
Aves marinhas - mobelhas	Mobelha-de-garganta-preta	Black-throated diver	<i>Gavia arctica</i>	BWC	137186	29
	Mobelha-grande	Great northern diver	<i>Gavia immer</i>	BWE	137187	29
	Mobelha-pequena	Red-throated diver	<i>Gavia stellata</i>	BWF	137188	29
Aves marinhas - gaivotas	Guincho	Common black-headed gull	<i>Larus ridibundus</i>	CVV	137149	30
	Famego	Mew gull, Common gull	<i>Larus canus</i>	LCW	137141	30
	Gaivota-real	Great black-backed gull	<i>Larus marinus</i>	LVU	137146	30
	Gaivota-d'asa-escura	Lesser black-backed gull	<i>Larus fuscus</i>	LOW	137142	31
	Gaivota-de-cabeça-preta	Mediterranean gull	<i>Larus melanocephalus</i>	DTY	1584284	31
	Gaivota-prateada-grande	Herring gull	<i>Larus argentatus</i>	LHZ	137138	31
	Gaivota-tridáctila	Black-legged kittiwake	<i>Rissa tridactyla</i>	QDV	137156	31
	Gaivota-pequena	Little gull	<i>Hydrocoloeus minutus</i>	DTZ	567449	32
Aves marinhas - fulmars, petréis e pardelas	Pardela-balear	Balearic shearwater	<i>Puffinus mauretanicus</i>	UIM	445503	33
	Pombalete	Northern fulmar	<i>Fulmarus glacialis</i>	FNO	137195	33
	Pardela-de-barrete	Great shearwater	<i>Puffinus gravis</i>	PUG	137201	33
	Fura-bucho-do-Atlântico	Manx shearwater	<i>Puffinus puffinus</i>	UIP	137203	34
	Alma-de-mestre	European storm-petrel	<i>Hydrobates pelagicus</i>	DAZ	137189	34
Raias	Tremelga-negra	Electric ray, Atlantic torpedo ray	<i>Tetronarce nobiliana</i>	TTO	321911	36
	Tremelga-marmoreada	Marbled electric ray	<i>Torpedo marmorata</i>	TTR	271684	36
	Ratão-comum	Common stingray	<i>Dasyatis pastinaca</i>	JDP	105851	36
	Ratão-água	Common eagle ray	<i>Myliobatis aquila</i>	MYL	105860	36
	Raia-bicuda	Blue skate	<i>Dipturus batis</i>	RJB	105869	37
		Flapper skate	<i>Dipturus intermedius</i>	DRJ	711846	37
	Raia-bicuda	Longnosed skate	<i>Dipturus oxyrinchus</i>	RJO	105872	38
	Raia-tairoga	White skate	<i>Rostroraja alba</i>	RJA	105896	38
	Raia-manchada	Spotted ray	<i>Raja montagui</i>	RJM	105887	38
	Raia-pontuada	Blonde ray	<i>Raja brachyura</i>	RJH	367297	38
	Raia-de-dois-olhos	Cuckoo ray	<i>Leucoraja naevus</i>	RJN	105876	39
	Raia-repregada	Starry ray, Thorny ray	<i>Amblyraja radiata</i>	RJR	105865	39
	Raia-zimbreira	Small-eyed ray	<i>Raja microocellata</i>	RJE	105885	39
	Raia-curva	Undulate ray	<i>Raja undulata</i>	RJU	105891	39
	Raia-pregada	Shagreen ray	<i>Leucoraja fullonica</i>	RJF	105874	40
	Tubarões	Anjo	Angelshark	<i>Squatina squatina</i>	AGN	105928
Tubarão-frade		Basking shark	<i>Cetorhinus maximus</i>	BSK	105837	42
Tintureira		Blue shark	<i>Prionace glauca</i>	BSH	105801	42
Tubarão-albafar		Bluntnose sixgill shark	<i>Hexanchus griseus</i>	SBL	105833	42
Tubarão-sardo		Porbeagle	<i>Lamna nasus</i>	POR	105841	43
Anequim		Shortfin mako	<i>Isurus oxyrinchus</i>	SMA	105839	43
Galhudo-malhado		Picked dogfish, Spurdog	<i>Squalus acanthias</i>	DGS	105923	43
Cação-pintado		Starry smooth-hound	<i>Mustelus asterias</i>	SDS	105821	43
Tubarão-raposo		Thresher	<i>Alopias vulpinus</i>	ALV	105836	44
Perna-de-moça		Tope shark	<i>Galeorhinus galeus</i>	GAG	105820	44
Atum		Atum-voador	Albacore	<i>Thunnus alalunga</i>	ALB	127026
	Atum-patudo	Bigeye tuna	<i>Thunnus obesus</i>	BET	127028	46
	Atum-rabilho	Atlantic bluefin tuna	<i>Thunnus thynnus</i>	BFT	127029	46
	Sarrajão	Atlantic bonito	<i>Sarda sarda</i>	BON	127021	46
	Atum-albacora	Yellowfin tuna	<i>Thunnus albacares</i>	YFT	127027	47

Português Madeira

	Nome	Nome Inglês	Nome científico	FAO code	AphiaID	Page no.
Golfinhos e botos	Roaz	Bottlenose dolphin	<i>Tursiops truncatus</i>	DBO	137111	17
	Golfinho-comum	Common dolphin	<i>Delphinus delphis</i>	DCO	137094	17
	Baleia-piloto; Boca-de-panela	Long-finned pilot whale	<i>Globicephala melas</i>	PIW	137097	17
	Grampo	Risso's dolphin	<i>Grampus griseus</i>	DRR	137098	17
	Bofo	Harbour porpoise	<i>Phocoena phocoena</i>	PHR	137117	18
	Golfinho-riscado	Striped dolphin	<i>Stenella coeruleoalba</i>	DST	137107	18
	Golfinho-de-bico-branco	White-beaked dolphin	<i>Lagenorhynchus albirostris</i>	BWD	137101	18
Golfinho-de-flancos-brancos-do-Atlântico	Atlantic white-sided dolphin	<i>Lagenorhynchus acutus</i>	DWH	1571853	18	
Focas	Foca-comum	Harbour Seal	<i>Phoca vitulina</i>	SEC	137084	21
	Foca-cinzenta	Grey Seal	<i>Halichoerus grypus</i>	SEG	137080	21
Tartarugas		Kemp's ridley turtle	<i>Lepidochelys kempii</i>	LKY	137208	23
	Tartaruga-de-couro	Leatherback turtle	<i>Dermochelys coriacea</i>	DKK	137209	23
	Tartaruga-comum	Loggerhead turtle	<i>Caretta caretta</i>	TTL	137205	23
Aves marinhas - arau	Papagaio-do-mar	Atlantic puffin	<i>Fratercula arctica</i>	FPA	137131	25
	Airo	Common murre, Guillemot	<i>Uria aalge</i>	UQT	137133	25
		Black guillemot	<i>Cephus grylle</i>	HBO	137130	26
	Torda-mergulheira	Razorbill	<i>Alca torda</i>	HBW	137128	26
Aves marinhas - corvos-marinhos e gansos-patolas	Corvo-marinho	Great cormorant	<i>Phalacrocorax carbo</i>	ISY	137179	27
	Alcatraz-do-norte; Ganso-patola	Northern gannet	<i>Morus bassanus</i>	MVB	148776	27
	Galheta	European shag	<i>Gulosus aristotelis</i>	ISW	1704278	27
Aves marinhas - Mobeblas	Mobelha-de-garganta-preta	Black-throated diver	<i>Gavia arctica</i>	BWC	137186	29
	Mobelha-grande	Great northern diver	<i>Gavia immer</i>	BWE	137187	29
	Mobelha-pequena	Red-throated diver	<i>Gavia stellata</i>	BWF	137188	29
Aves marinhas - gaivotas	Guincho-comum	Common black-headed gull	<i>Larus ridibundus</i>	CVV	137149	30
	Famego	Mew gull, Common gull	<i>Larus canus</i>	LCW	137141	30
	Gaivotão-real	Great black-backed gull	<i>Larus marinus</i>	LVU	137146	30
	Gaivota-d'asa-escura	Lesser black-backed gull	<i>Larus fuscus</i>	LOW	137142	31
	Gaivota-de-cabeça-preta	Mediterranean gull	<i>Larus melanocephalus</i>	DTY	1584284	31
	Gaivota-prateada-grande	Herring gull	<i>Larus argentatus</i>	LHZ	137138	31
	Gaivota-tridáctila	Black-legged kittiwake	<i>Rissa tridactyla</i>	QDV	137156	31
Gaivota-pequena	Little gull	<i>Hydrocaloeus minutus</i>	DTZ	567449	32	
Aves marinhas - fulmars, petréis e pardelas	Fura-bucho	Balearic shearwater	<i>Puffinus mauretanicus</i>	UIM	445503	33
	Pombalete	Northern fulmar	<i>Fulmarus glacialis</i>	FNO	137195	33
	Pardela-de-bico-preto	Great shearwater	<i>Puffinus gravis</i>	PUG	137201	33
	Patagarro	Manx shearwater	<i>Puffinus puffinus</i>	UIP	137203	34
	Alma-de-mestre	European storm-petrel	<i>Hydrobates pelagicus</i>	DAZ	137189	34
Raias	Tremelga	Electric ray, Atlantic torpedo ray	<i>Tetronarce nobiliana</i>	TTO	321911	36
	Tremedeira	Marbled electric ray	<i>Torpedo marmorata</i>	TTR	271684	36
	Raião	Common stingray	<i>Dasyatis pastinaca</i>	JDP	105851	36
	Raião-águia	Common eagle ray	<i>Myliobatis aquila</i>	MYL	105860	36
	Raia-bicuda	Blue skate	<i>Dipturus batis</i>	RJB	105869	37
		Flapper skate	<i>Dipturus intermedius</i>	DRJ	711846	37
	Raia-bicuda	Longnosed skate	<i>Dipturus oxyrinchus</i>	RJO	105872	38
	Raia-tairoga	White skate	<i>Rostroraja alba</i>	RJA	105896	38
	Raia-pregada	Spotted ray	<i>Raja montagui</i>	RJM	105887	38
	Raia	Blonde ray	<i>Raja brachyura</i>	RJH	367297	38
	Raia-de-dois-olhos	Cuckoo ray	<i>Leucoraja naevus</i>	RJN	105876	39
	Raia-repregada	Starry ray, Thorny ray	<i>Amblyraja radiata</i>	RJR	105865	39
	Raia-zimbreira	Small-eyed ray	<i>Raja microocellata</i>	RJE	105885	39
	Raia	Undulate ray	<i>Raja undulata</i>	RJU	105891	39
	Raia	Shagreen ray	<i>Leucoraja fullonica</i>	RJF	105874	40
Tubarões	Anjo	Angelshark	<i>Squatina squatina</i>	AGN	105928	42
	Peixe-frade	Basking shark	<i>Cetorhinus maximus</i>	BSK	105837	42
	Tintureira	Blue shark	<i>Prionace glauca</i>	BSH	105801	42
	Albafar	Bluntnose sixgill shark	<i>Hexanchus griseus</i>	SBL	105833	42
	Marracho	Porbeagle	<i>Lamna nasus</i>	POR	105841	43
	Tubarão-anequim	Shortfin mako	<i>Isurus oxyrinchus</i>	SMA	105839	43
	Galhudo-malhado	Picked dogfish, Spurdog	<i>Squalus acanthias</i>	DGS	105923	43
	Caneja	Starry smooth-hound	<i>Mustelus asterias</i>	SDS	105821	43
	Peixe-rato	Thresher	<i>Alopias vulpinus</i>	ALV	105836	44
	Cação	Tope shark	<i>Galeorhinus galeus</i>	GAG	105820	44
	Atum	Atum-voador	Albacore	<i>Thunnus alalunga</i>	ALB	127026
Atum-patudo		Bigeye tuna	<i>Thunnus obesus</i>	BET	127028	46
Atum-rabilho		Atlantic bluefin tuna	<i>Thunnus thynnus</i>	BFT	127029	46
Sarrajão		Atlantic bonito	<i>Sarda sarda</i>	BON	127021	46
Atum-albacora		Yellowfin tuna	<i>Thunnus albacares</i>	YFT	127027	47

Nederlands

	Naam	Engelse naam	Wetenschappelijke naam	FAO code	AphiaID	Page no.
Dolfijnen en bruinvissen	Tuimelaar	Bottlenose dolphin	<i>Tursiops truncatus</i>	DBO	137111	17
	Gewone dolfijn	Common dolphin	<i>Delphinus delphis</i>	DCO	137094	17
	Griend	Long-finned pilot whale	<i>Globicephala melas</i>	PIW	137097	17
	Grijze dolfijn	Risso's dolphin	<i>Grampus griseus</i>	DRR	137098	17
	Bruinvis	Harbour porpoise	<i>Phocoena phocoena</i>	PHR	137117	18
	Gestreepte dolfijn	Striped dolphin	<i>Stenella coeruleoalba</i>	DST	137107	18
	Witsnuitdolfijn	White-beaked dolphin	<i>Lagenorhynchus albirostris</i>	BWD	137101	18
	Witzijdedolfijn	Atlantic white-sided dolphin	<i>Lagenorhynchus acutus</i>	DWH	1571853	18
Zeehonden	Gewone zeehond	Harbour Seal	<i>Phoca vitulina</i>	SEC	137084	21
	Grijze zeehond	Grey Seal	<i>Halichoerus grypus</i>	SEG	137080	21
Schildpadden	Kemps zeeschildpad	Kemp's ridley turtle	<i>Lepidochelys kempii</i>	LKY	137208	23
	Lederschildpad	Leatherback turtle	<i>Dermochelys coriacea</i>	DKK	137209	23
	Onechte karetschildpad	Loggerhead turtle	<i>Caretta caretta</i>	TTL	137205	23
Zeevogels - alken	Papegaaiduiker	Atlantic puffin	<i>Fratercula arctica</i>	FPA	137131	25
	Zeeoet	Common murre, Guillemot	<i>Uria aalge</i>	UQT	137133	25
	Zwarte zeeoet	Black guillemot	<i>Cepphus grylle</i>	HBO	137130	26
	Alk	Razorbill	<i>Alca torda</i>	HBW	137128	26
Zeevogels – aalscholvers en	Aalscholver	Great cormorant	<i>Phalacrocorax carbo</i>	ISY	137179	27
	Jan van Gent	Northern gannet	<i>Morus bassanus</i>	MVB	148776	27
	Kuifaalscholver	European shag	<i>Gulosus aristotelis</i>	ISW	1704278	27
Zeevogels - duikers	Parelduiker	Black-throated diver	<i>Gavia arctica</i>	BWC	137186	29
	Ijsduiker	Great northern diver	<i>Gavia immer</i>	BWE	137187	29
	Roodkeelduiker	Red-throated diver	<i>Gavia stellata</i>	BWF	137188	29
Zeevogels - meeuwen	Kokmeeuw	Common black-headed gull	<i>Larus ridibundus</i>	CVV	137149	30
	Stormmeeuw	Mew gull, Common gull	<i>Larus canus</i>	LCW	137141	30
	Grote mantelmeeuw	Great black-backed gull	<i>Larus marinus</i>	LVU	137146	30
	Kleine mantelmeeuw	Lesser black-backed gull	<i>Larus fuscus</i>	LOW	137142	31
	Zwartkopmeeuw	Mediterranean gull	<i>Larus melanocephalus</i>	DTY	1584284	31
	Zilvermeeuw	Herring gull	<i>Larus argentatus</i>	LHZ	137138	31
	Drieteenmeeuw	Black-legged kittiwake	<i>Rissa tridactyla</i>	QDV	137156	31
Dwergmeeuw	Little gull	<i>Hydrocoloeus minutus</i>	DTZ	567449	32	
Zeevogels-stormvogels en pijlstormvogels	Vale pijlstormvogel	Balearic shearwater	<i>Puffinus mauretanicus</i>	UIM	445503	33
	Noordse stormvogel	Northern fulmar	<i>Fulmarus glacialis</i>	FNO	137195	33
	Grote pijlstormvogel	Great shearwater	<i>Puffinus gravis</i>	PUG	137201	33
	Noordse pijlstormvogel	Manx shearwater	<i>Puffinus puffinus</i>	UIP	137203	34
	Stormvogeltje	European storm-petrel	<i>Hydrobates pelagicus</i>	DAZ	137189	34
Roggen	Zwarte sidderrog	Electric ray, Atlantic torpedo ray	<i>Tetronarce nobiliana</i>	TTO	321911	36
	Gemarmerde sidderrog	Marbled electric ray	<i>Torpedo marmorata</i>	TTR	271684	36
	Pijlstaartrog	Common stingray	<i>Dasyatis pastinaca</i>	JDP	105851	36
	Adelaarsrog	Common eagle ray	<i>Myliobatis aquila</i>	MYL	105860	36
	Vleet	Blue skate	<i>Dipturus batis</i>	RJB	105869	37
	Vleet	Flapper skate	<i>Dipturus intermedius</i>	DRJ	711846	37
	Scherpsnuitrog	Longnosed skate	<i>Dipturus oxyrinchus</i>	RJO	105872	38
	Witte rog	White skate	<i>Rostroraja alba</i>	RJA	105896	38
	Gevlekte rog	Spotted ray	<i>Raja montagui</i>	RJM	105887	38
	Blonde rog	Blonde ray	<i>Raja brachyura</i>	RJH	367297	38
	Koekoeksrog	Cuckoo ray	<i>Leucoraja naevus</i>	RJN	105876	39
	Sterrog	Starry ray, Thorny ray	<i>Amblyraja radiata</i>	RJR	105865	39
	Kleinoogrog	Small-eyed ray	<i>Raja microocellata</i>	RJE	105885	39
	Golfrog	Undulate ray	<i>Raja undulata</i>	RJU	105891	39
	Kaardrog	Shagreen ray	<i>Leucoraja fullonica</i>	RJF	105874	40
Haaien	Zee-engel	Angelshark	<i>Squatina squatina</i>	AGN	105928	42
	Reuzenhaai	Basking shark	<i>Cetorhinus maximus</i>	BSK	105837	42
	Blauwe haai	Blue shark	<i>Prionace glauca</i>	BSH	105801	42
	Grauwe haai	Bluntnose sixgill shark	<i>Hexanchus griseus</i>	SBL	105833	42
	Haringhaai	Porbeagle	<i>Lamna nasus</i>	POR	105841	43
	Kortvinmakreelhaai	Shortfin mako	<i>Isurus oxyrinchus</i>	SMA	105839	43
	Doornhaai	Picked dogfish, Spurdog	<i>Squalus acanthias</i>	DGS	105923	43
	Gevlekte gladde haai	Starry smooth-hound	<i>Mustelus asterias</i>	SDS	105821	43
	Voshaai	Thresher	<i>Alopias vulpinus</i>	ALV	105836	44
	Ruwe haai	Tope shark	<i>Galeorhinus galeus</i>	GAG	105820	44
Tonijn	Witte tonijn	Albacore	<i>Thunnus alalunga</i>	ALB	127026	46
	Grootoogtonijn	Bigeye tuna	<i>Thunnus obesus</i>	BET	127028	46
	Tonijn	Atlantic bluefin tuna	<i>Thunnus thynnus</i>	BFT	127029	46
	Gewone bonito	Atlantic bonito	<i>Sarda sarda</i>	BON	127021	46
Geelvintonijn	Yellowfin tuna	<i>Thunnus albacares</i>	YFT	127027	47	

Deutsch

	Name	Englischer Name	Wissenschaftlicher Name	FAO code	AphiaID	Page no.
Delfine und Schweinswale	Großer Tümmler	Bottlenose dolphin	<i>Tursiops truncatus</i>	DBO	137111	17
	Gemeiner Delfin	Common dolphin	<i>Delphinus delphis</i>	DCO	137094	17
	Grindwal	Long-finned pilot whale	<i>Globicephala melas</i>	PIW	137097	17
	Rundkopfdelfin	Risso's dolphin	<i>Grampus griseus</i>	DRR	137098	17
	Schweinswal	Harbour porpoise	<i>Phocoena phocoena</i>	PHR	137117	18
	Blau-Weißer Delphin	Striped dolphin	<i>Stenella coeruleoalba</i>	DST	137107	18
	Weißschnauzendelphin	White-beaked dolphin	<i>Lagenorhynchus albirostris</i>	BWD	137101	18
Weißseitendelphin	Atlantic white-sided dolphin	<i>Lagenorhynchus acutus</i>	DWH	1571853	18	
Robben	Seehund	Harbour Seal	<i>Phoca vitulina</i>	SEC	137084	21
	Kegelrobbe	Grey Seal	<i>Halichoerus grypus</i>	SEG	137080	21
Schildkröten	Atlantik-Bastardschildkröte	Kemp's ridley turtle	<i>Lepidochelys kempii</i>	LKY	137208	23
	Lederschildkröte	Leatherback turtle	<i>Dermochelys coriacea</i>	DKK	137209	23
	Unechte Karettschildkröte	Loggerhead turtle	<i>Caretta caretta</i>	TTL	137205	23
Seevögel – Alken	Papageitaucher	Atlantic puffin	<i>Fratercula arctica</i>	FPA	137131	25
	Trottelumme	Common murre, Guillemot	<i>Uria aalge</i>	UQT	137133	25
	Gryllteiste	Black guillemot	<i>Cepphus grylle</i>	HBO	137130	26
	Tordalk	Razorbill	<i>Alca torda</i>	HBW	137128	26
Seevögel – Kormorane und Tölpel	Kormoran	Great cormorant	<i>Phalacrocorax carbo</i>	ISY	137179	27
	Basstölpel	Northern gannet	<i>Morus bassanus</i>	MVB	148776	27
	Krähenscharbe	European shag	<i>Gulosus aristotelis</i>	ISW	1704278	27
Seevögel – Seetaucher	Prachtttaucher	Black-throated diver	<i>Gavia arctica</i>	BWC	137186	29
	Eistaucher	Great northern diver	<i>Gavia immer</i>	BWE	137187	29
	Sterntaucher	Red-throated diver	<i>Gavia stellata</i>	BWF	137188	29
Seevögel – Möwen	Lachmöwe	Common black-headed gull	<i>Larus ridibundus</i>	CVV	137149	30
	Sturmmöwe	Mew gull, Common gull	<i>Larus canus</i>	LCW	137141	30
	Mantelmöwe	Great black-backed gull	<i>Larus marinus</i>	LVU	137146	30
	Heringsmöwe	Lesser black-backed gull	<i>Larus fuscus</i>	LOW	137142	31
	Schwarzkopfmöwe	Mediterranean gull	<i>Larus melanocephalus</i>	DTY	1584284	31
	Silbermöwe	Herring gull	<i>Larus argentatus</i>	LHZ	137138	31
	Dreizehenmöwe	Black-legged kittiwake	<i>Rissa tridactyla</i>	QDV	137156	31
	Zwergmöwe	Little gull	<i>Hydrocoloeus minutus</i>	DTZ	567449	32
Seevögel – Eissturmvögel, Sturmvögel und Sturmtaucher	Balearensturmtaucher	Balearic shearwater	<i>Puffinus mauretanicus</i>	UIM	445503	33
	Eissturmvogel	Northern fulmar	<i>Fulmarus glacialis</i>	FNO	137195	33
	Kappensturmtaucher	Great shearwater	<i>Puffinus gravis</i>	PUG	137201	33
	Atlantiksturmtaucher	Manx shearwater	<i>Puffinus puffinus</i>	UIP	137203	34
	Sturmwellenläufer	European storm-petrel	<i>Hydrobates pelagicus</i>	DAZ	137189	34
Rochen	Atlantischer Zitterrochen	Electric ray, Atlantic torpedo ray	<i>Tetronarce nobiliana</i>	TTO	321911	36
	Marmor-Zitterrochen	Marbled electric ray	<i>Torpedo marmorata</i>	TTR	271684	36
	Gewöhnlicher Stechrochen	Common stingray	<i>Dasyatis pastinaca</i>	JDP	105851	36
	Gewöhnlicher Adlerrochen	Common eagle ray	<i>Myliobatis aquila</i>	MYL	105860	36
	Glattrochen	Blue skate	<i>Dipturus batis</i>	RJB	105869	37
	Großer Glattrochen	Flapper skate	<i>Dipturus intermedius</i>	DRJ	711846	37
	Spitzrochen	Longnosed skate	<i>Dipturus oxyrinchus</i>	RJO	105872	38
	Saumrochen	White skate	<i>Rostroaja alba</i>	RJA	105896	38
	Fleckenrochen	Spotted ray	<i>Raja montagui</i>	RJM	105887	38
	Blondrochen	Blonde ray	<i>Raja brachyura</i>	RJH	367297	38
	Kuckucksrochen	Cuckoo ray	<i>Leucoraja naevus</i>	RJN	105876	39
	Sternrochen	Starry ray, Thorny ray	<i>Amblyraja radiata</i>	RJR	105865	39
	Kleinäugiger Rochen	Small-eyed ray	<i>Raja microocellata</i>	RJE	105885	39
	Marmorrochen	Undulate ray	<i>Raja undulata</i>	RJU	105891	39
	Chagrinrochen	Shagreen ray	<i>Leucoraja fullonica</i>	RJF	105874	40
	Haie	Meerengel	Angelshark	<i>Squatina squatina</i>	AGN	105928
Riesenhai		Basking shark	<i>Cetorhinus maximus</i>	BSK	105837	42
Blauhais		Blue shark	<i>Prionace glauca</i>	BSH	105801	42
Stumpfnasen-Sechskiemenhai		Bluntnose sixgill shark	<i>Hexanchus griseus</i>	SBL	105833	42
Heringshai		Porbeagle	<i>Lamna nasus</i>	POR	105841	43
Kurzflössen-Mako		Shortfin mako	<i>Isurus oxyrinchus</i>	SMA	105839	43
Dornhai		Picked dogfish, Spurdog	<i>Squalus acanthias</i>	DGS	105923	43
Weißgefleckter Glatthai		Starry smooth-hound	<i>Mustelus asterias</i>	SDS	105821	43
Gemeiner Fuchshai		Thresher	<i>Alopias vulpinus</i>	ALV	105836	44
Hundshai		Tope shark	<i>Galeorhinus galeus</i>	GAG	105820	44
Thunfische	Weißer Thun	Albacore	<i>Thunnus alalunga</i>	ALB	127026	46
	Großaugen-Thun	Bigeye tuna	<i>Thunnus obesus</i>	BET	127028	46
	Roter Thun	Atlantic bluefin tuna	<i>Thunnus thynnus</i>	BFT	127029	46
	Atlantischer Bonito	Atlantic bonito	<i>Sarda sarda</i>	BON	127021	46
	Gelbflossen-Thun	Yellowfin tuna	<i>Thunnus albacares</i>	YFT	127027	47

	Nazwa	Angielska nazwa	Nazwa naukowa	FAO code	AphiaID	Page no.	
Delfiny i morświny	Delfin butlonosy	Bottlenose dolphin	<i>Tursiops truncatus</i>	DBO	137111	17	
	Delfin zwyczajny	Common dolphin	<i>Delphinus delphis</i>	DCO	137094	17	
	Grindwal długopłetwy	Long-finned pilot whale	<i>Globicephala melas</i>	PIW	137097	17	
	Risso szary	Risso's dolphin	<i>Grampus griseus</i>	DRR	137098	17	
	Morświn	Harbour porpoise	<i>Phocoena phocoena</i>	PHR	137117	18	
	Delfin pręgoboki	Striped dolphin	<i>Stenella coeruleoalba</i>	DST	137107	18	
	Delfin białonosy	White-beaked dolphin	<i>Lagenorhynchus albirostris</i>	BWD	137101	18	
	Delfin białoboki	Atlantic white-sided dolphin	<i>Lagenorhynchus acutus</i>	DWH	1571853	18	
Foki	Foka pospolita	Harbour Seal	<i>Phoca vitulina</i>	SEC	137084	21	
	Foka szara	Grey Seal	<i>Halichoerus grypus</i>	SEG	137080	21	
Żółwie	Żółw zatakowy	Kemp's ridley turtle	<i>Lepidochelys kempii</i>	LKY	137208	23	
	Żółw skórzasty	Leatherback turtle	<i>Dermochelys coriacea</i>	DKK	137209	23	
	Żółw kareta	Loggerhead turtle	<i>Caretta caretta</i>	TTL	137205	23	
Ptaki morskie – alkwate	Maskonur	Atlantic puffin	<i>Fratercula arctica</i>	FPA	137131	25	
	Nurzyk	Common murre, Guillemot	<i>Uria aalge</i>	UOT	137133	25	
	Nurnik	Black guillemot	<i>Cepphus grylle</i>	HBO	137130	26	
	Alka	Razorbill	<i>Alca torda</i>	HBW	137128	26	
Ptaki morskie – kormorany i głuptaki	Kormoran czarny	Great cormorant	<i>Phalacrocorax carbo</i>	ISY	137179	27	
	Głuptak	Northern gannet	<i>Morus bassanus</i>	MVB	148776	27	
	Kormoran czubaty	European shag	<i>Gulosus aristotelis</i>	ISW	1704278	27	
Ptaki morskie – perkozy	Nur czarnoszyi	Black-throated diver	<i>Gavia arctica</i>	BWC	137186	29	
	Nur lodowiec	Great northern diver	<i>Gavia immer</i>	BWE	137187	29	
	Nur rdzawoszyi	Red-throated diver	<i>Gavia stellata</i>	BWF	137188	29	
Ptaki morskie – mewy	Mewa śmieszka	Common black-headed gull	<i>Larus ridibundus</i>	CVV	137149	30	
	Mewa siwa	Mew gull, Common gull	<i>Larus canus</i>	LCW	137141	30	
	Mewa siodłata	Great black-backed gull	<i>Larus marinus</i>	LVU	137146	30	
	Mewa żółtonoga	Lesser black-backed gull	<i>Larus fuscus</i>	LOW	137142	31	
	Mewa czarnogłowa	Mediterranean gull	<i>Larus melanocephalus</i>	DTY	1584284	31	
	Mewa srebrzysta	Herring gull	<i>Larus argentatus</i>	LHZ	137138	31	
	Mewa trójpalczasta	Black-legged kittiwake	<i>Rissa tridactyla</i>	QDV	137156	31	
	Mewa mała	Little gull	<i>Hydrocoloeus minutus</i>	DTZ	567449	32	
Ptaki morskie – fulmary, burzyki i nawałniki	Burzyk balearski	Balearic shearwater	<i>Puffinus mauretanicus</i>	UIM	445503	33	
	Fulmar	Northern fulmar	<i>Fulmarus glacialis</i>	FNO	137195	33	
	Burzyk wielki	Great shearwater	<i>Puffinus gravis</i>	PUG	137201	33	
	Burzyk północny	Manx shearwater	<i>Puffinus puffinus</i>	UIP	137203	34	
	Nawałnik burzowy	European storm-petrel	<i>Hydrobates pelagicus</i>	DAZ	137189	34	
Płaszczki	Dreftwa brunatna	Electric ray, Atlantic torpedo ray	<i>Tetronarce nobiliana</i>	TTO	321911	36	
	Dreftwa europejska	Marbled electric ray	<i>Torpedo marmorata</i>	TTR	271684	36	
	Ogończa pastynak	Common stingray	<i>Dasyatis pastinaca</i>	JDP	105851	36	
	Orleń pospolity	Common eagle ray	<i>Myliobatis aquila</i>	MYL	105860	36	
	Raja gładka	Blue skate	<i>Dipturus batis</i>	RJB	105869	37	
		Flapper skate	<i>Dipturus intermedius</i>	DRJ	711846	37	
	Raja ostronosa	Longnosed skate	<i>Dipturus oxyrinchus</i>	RJO	105872	38	
	Raja siwa	White skate	<i>Rostroraja alba</i>	RJA	105896	38	
	Raja nakrapiana	Spotted ray	<i>Raja montagui</i>	RJM	105887	38	
	Raja białopłama	Blonde ray	<i>Raja brachyura</i>	RJH	367297	38	
	Raja dwupłama	Cuckoo ray	<i>Leucoraja naevus</i>	RJN	105876	39	
	Raja promieniasta	Starry ray, Thorny ray	<i>Amblyraja radiata</i>	RJR	105865	39	
	Raja drobnooka	Small-eyed ray	<i>Raja microocellata</i>	RJE	105885	39	
	Raja bruzdowana	Undulate ray	<i>Raja undulata</i>	RJU	105891	39	
	Raja kosmata	Shagreen ray	<i>Leucoraja fullonica</i>	RJF	105874	40	
	Rekiny	Aniał morski	Angelshark	<i>Squatina squatina</i>	AGN	105928	42
		Żarłacz olbrzymi	Basking shark	<i>Cetorhinus maximus</i>	BSK	105837	42
Żarłacz błękitny		Blue shark	<i>Prionace glauca</i>	BSH	105801	42	
Sześćcioszpar szary		Bluntnose sixgill shark	<i>Hexanchus griseus</i>	SBL	105833	42	
Żarłacz śledziowy		Porbeagle	<i>Lamna nasus</i>	POR	105841	43	
Rekin ostronosy		Shortfin mako	<i>Isurus oxyrinchus</i>	SMA	105839	43	
Koleń		Picked dogfish, Spurdog	<i>Squalus acanthias</i>	DGS	105923	43	
Mustel gwiaździsty		Starry smooth-hound	<i>Mustelus asterias</i>	SDS	105821	43	
Kosogon		Thresher	<i>Alopias vulpinus</i>	ALV	105836	44	
Żarłacz szary		Tope shark	<i>Galeorhinus galeus</i>	GAG	105820	44	
Tuńczyki		Tuńczyk albakora	Albacore	<i>Thunnus alalunga</i>	ALB	127026	46
	Tuńczyk wielkooki	Bigeye tuna	<i>Thunnus obesus</i>	BET	127028	46	
	Tuńczyk błękitnapłetwy	Atlantic bluefin tuna	<i>Thunnus thynnus</i>	BFT	127029	46	
	Pelamida	Atlantic bonito	<i>Sarda sarda</i>	BON	127021	46	
	Tuńczyk żółtopłetwy	Yellowfin tuna	<i>Thunnus albacares</i>	YFT	127027	47	

	Navn	Engelsk navn	Videnskabeligt navn	FAO code	AphiaID	Page no.
Delfiner og marsvin	Øresvin	Bottlenose dolphin	<i>Tursiops truncatus</i>	DBO	137111	17
	Almindelig delfin	Common dolphin	<i>Delphinus delphis</i>	DCO	137094	17
	Langluffet grindehval	Long-finned pilot whale	<i>Globicephala melas</i>	PIW	137097	17
	Rissos delfin	Risso's dolphin	<i>Grampus griseus</i>	DRR	137098	17
	Marsvin	Harbour porpoise	<i>Phocoena phocoena</i>	PHR	137117	18
	Stribet delfin	Striped dolphin	<i>Stenella coeruleoalba</i>	DST	137107	18
	Hvidnæse	White-beaked dolphin	<i>Lagenorhynchus albirostris</i>	BWD	137101	18
Hvidskæving	Atlantic white-sided dolphin	<i>Lagenorhynchus acutus</i>	DWH	1571853	18	
Sæler	Strættet sæl	Harbour Seal	<i>Phoca vitulina</i>	SEC	137084	21
	Grå sæl	Grey Seal	<i>Halichoerus grypus</i>	SEG	137080	21
Skildpadder	Kemps Ridleyskildpadde	Kemp's ridley turtle	<i>Lepidochelys kempii</i>	LKY	137208	23
	Læderskildpadde	Leatherback turtle	<i>Dermodochelys coriacea</i>	DKK	137209	23
	Uægte karette	Loggerhead turtle	<i>Caretta caretta</i>	TTL	137205	23
Havfugle – alkefugle	Lunde	Atlantic puffin	<i>Fratercula arctica</i>	FPA	137131	25
	Lomvie	Common murre, Guillemot	<i>Uria aalge</i>	UQT	137133	25
	Tøjst	Black guillemot	<i>Cepphus grylle</i>	HBO	137130	26
	Alk	Razorbill	<i>Alca torda</i>	HBW	137128	26
Havfugle – skarver og suler	Skarv	Great cormorant	<i>Phalacrocorax carbo</i>	ISY	137179	27
	Sule	Northern gannet	<i>Morus bassanus</i>	MVB	148776	27
	Topskarv	European shag	<i>Gulosus aristotelis</i>	ISW	1704278	27
Havfugle – lommer	Stortrubet lom	Black-throated diver	<i>Gavia arctica</i>	BWC	137186	29
	Islom	Great northern diver	<i>Gavia immer</i>	BWE	137187	29
	Rødstrubet lom	Red-throated diver	<i>Gavia stellata</i>	BWF	137188	29
Havfugle – måger	Hættemåge	Common black-headed gull	<i>Larus ridibundus</i>	CVV	137149	30
	Stormmåge	Mew gull, Common gull	<i>Larus canus</i>	LCW	137141	30
	Svartbag	Great black-backed gull	<i>Larus marinus</i>	IVU	137146	30
	Sildemåge	Lesser black-backed gull	<i>Larus fuscus</i>	LOW	137142	31
	Sorthoved måge	Mediterranean gull	<i>Larus melanocephalus</i>	DTY	1584284	31
	Sølvmåge	Herring gull	<i>Larus argentatus</i>	LHZ	137138	31
	Ride	Black-legged kittiwake	<i>Rissa tridactyla</i>	QDV	137156	31
	Dvægmåge	Little gull	<i>Hydrocoloeus minutus</i>	DTZ	567449	32
Havfugle – maller, petreller og skråper	Balearskråpe	Balearic shearwater	<i>Puffinus mauretanicus</i>	UIM	445503	33
	Mallemuk	Northern fulmar	<i>Fulmarus glacialis</i>	FNO	137195	33
	Storskråpe	Great shearwater	<i>Puffinus gravis</i>	PUG	137201	33
	Almindelig skråpe	Manx shearwater	<i>Puffinus puffinus</i>	UIP	137203	34
	Lille stormsvale	European storm-petrel	<i>Hydrobates pelagicus</i>	DAZ	137189	34
Rokker	Sort elrokke	Electric ray, Atlantic torpedo ray	<i>Tetronarce nobiliana</i>	TTO	321911	36
	Marmoreret elrokke	Marbled electric ray	<i>Torpedo marmorata</i>	TTR	271684	36
	Pigrokke	Common stingray	<i>Dasyatis pastinaca</i>	JDP	105851	36
	Yrnerokke	Common eagle ray	<i>Myliobatis aquila</i>	MYL	105860	36
	Dværgskade	Blue skate	<i>Dipturus batis</i>	RJB	105869	37
	Storskade	Flapper skate	<i>Dipturus intermedius</i>	DRJ	711846	37
	Pløjernsrokke	Longnosed skate	<i>Dipturus oxyrinchus</i>	RJO	105872	38
	Spidsrokke	White skate	<i>Rostroraja alba</i>	RJA	105896	38
	Storpletterrokke	Spotted ray	<i>Raja montagui</i>	RJM	105887	38
	Småpletterrokke	Blonde ray	<i>Raja brachyura</i>	RJH	367297	38
	Plet rokke	Cuckoo ray	<i>Leucoraja naevus</i>	RJN	105876	39
	Tærbe	Starry ray, Thorny ray	<i>Amblyraja radiata</i>	RJR	105865	39
	Småøjet rokke	Small-eyed ray	<i>Raja microocellata</i>	RJE	105885	39
	Brogøt rokke	Undulate ray	<i>Raja undulata</i>	RJU	105891	39
	Gøgerokke	Shagreen ray	<i>Leucoraja fullonica</i>	RJF	105874	40
Hajer	Havengel	Angleshark	<i>Squatina squatina</i>	AGN	105928	42
	Brugde	Basking shark	<i>Cetorhinus maximus</i>	BSK	105837	42
	Blåhaj	Blue shark	<i>Prionace glauca</i>	BSH	105801	42
	Seksgælllet haj	Bluntnose sixgill shark	<i>Hexanchus griseus</i>	SBL	105833	42
	Sildehaj	Porbeagle	<i>Lamna nasus</i>	POR	105841	43
	Makrelhaj	Shortfin mako	<i>Isurus oxyrinchus</i>	SMA	105839	43
	Pighaj	Picked dogfish, Spurdog	<i>Squalus acanthias</i>	DGS	105923	43
	Stjernehaj	Starry smooth-hound	<i>Mustelus asterias</i>	SDS	105821	43
	Almindelig rævehaj	Thresher	<i>Alopias vulpinus</i>	ALV	105836	44
Gråhaj	Tope shark	<i>Galeorhinus galeus</i>	GAG	105820	44	
Tunfisk	Hvid tun	Allbacore	<i>Thunnus alalunga</i>	ALB	127026	46
	Storøjet tun	Bigeye tuna	<i>Thunnus obesus</i>	BET	127028	46
	Blåfinnet tun	Atlantic bluefin tuna	<i>Thunnus thynnus</i>	BFT	127029	46
	Rygstribet pelamide	Atlantic bonito	<i>Sarda sarda</i>	BON	127021	46
	Gulfinnet tun	Yellowfin tuna	<i>Thunnus albacares</i>	YFT	127027	47

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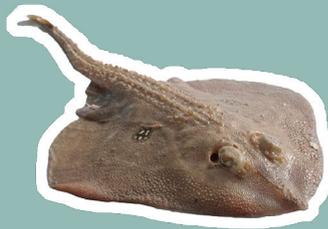
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HOW TO USE THE GUIDE:

The guide is structured into seven chapters. Each chapter deals with a specific animal group. Because the guide was originally developed for UK fishers, it includes only the most common species in UK waters, although the majority of species in the guide are common across the Northeast Atlantic.

 - **Additional information icon**

 - **Visually similar species**

This symbol is used throughout the guide to identify any species that may appear visually similar to the eye. Further guidance is provided to help ID the species in question.

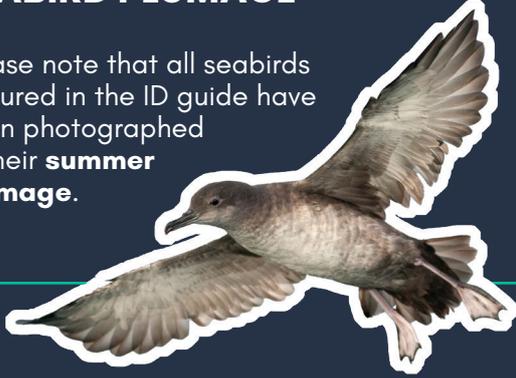
NOTE TO USERS

The information and guidance relating to sensitive bycaught animals in this guide is correct as of 2024, and could be subject to change.



SEABIRD PLUMAGE

Please note that all seabirds pictured in the ID guide have been photographed in their **summer plumage**.



Seabirds that appear distinctively different in their **winter plumage** (January – March) will have a winter plumage icon paired next to them with further guidance to help ID the species.

– **Winter plumage**

Image credit: ©Luis Quinta/naturepl.com

DOLPHINS AND PORPOISES

The dolphins and porpoises in this guide can be distinguished through size, colour, dorsal fin shape, and the presence of a 'beak' - a long, protruding mouth. When identifying these marine mammals, it's important to note that they can be heavily scarred, with some individuals sporting long white marks across much of their body.



Bottlenose dolphin



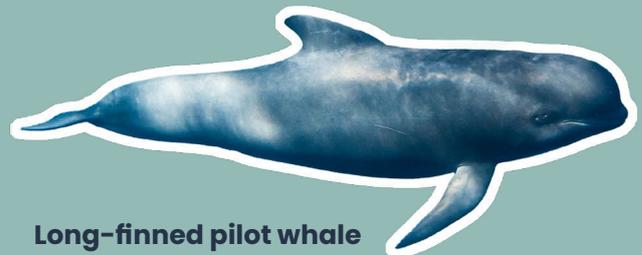
Harbour porpoise



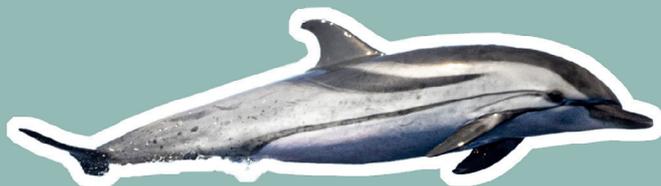
White-beaked dolphin



Atlantic white-sided dolphin



Long-finned pilot whale



Striped dolphin



Short-beaked common dolphin



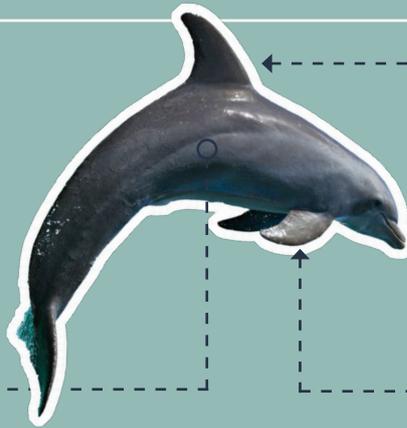
Risso's dolphin

Bottlenose dolphin

(*Tursiops truncatus*)

L The largest dolphin in the Northeast Atlantic up to 4 m in length.

A 'chunky' robust animal, with a dark grey back and paler grey belly.



Slender curved dorsal fin.

Distinctive short beak and rounded forehead, with a sharp crease between the beak and the forehead.

Moderately long, dark grey, slender flippers with pointed tips and a broad base.

Image credit: ©Brandon Cole/naturepl.com

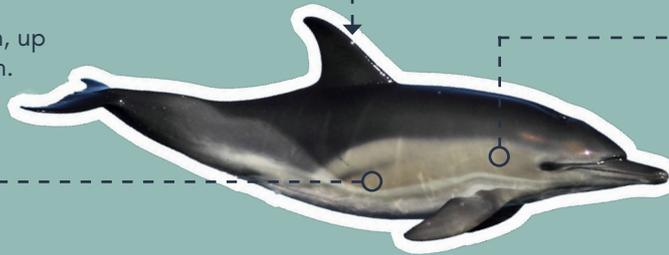
FAO CODE: DBO

Short-beaked common dolphin

(*Delphinus delphis*)

L A slender dolphin, up to 2.7 m in length.

Dark grey back, and white belly.



Dark, slightly curved dorsal fin.

Distinctive hourglass pattern on the sides, including an obvious yellow-cream area behind the beak.

Image credit: ©Robin Chittenden/naturepl.com

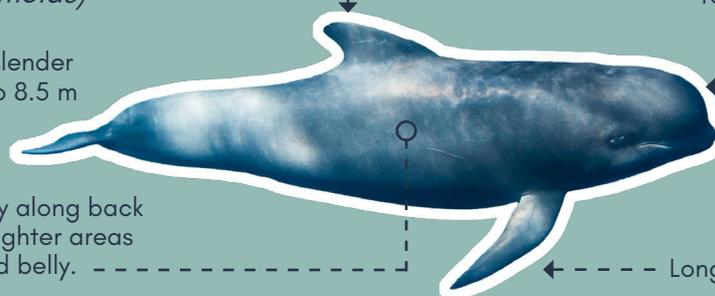
FAO CODE: DCO

Long-finned pilot whale

(*Globicephala melas*)

L Long and slender body, up to 8.5 m in length.

Black or dark grey along back and flanks, with lighter areas between chin and belly.



Low dorsal fin that rounds with age.

Square, bulbous head that hangs over upper lip.

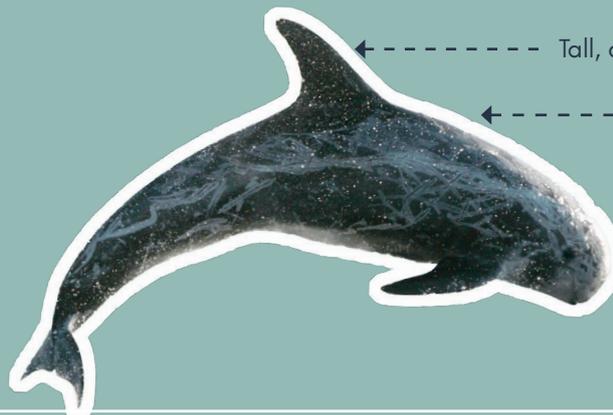
Long sickle-shaped flippers.

Risso's dolphin

(*Grampus griseus*)

L Large dolphin, up to 4 m long.

i Adults are very pale grey to white in colour. Younger Risso's are grey.



Tall, curved dorsal fin.

Often heavily scarred from head to tail.

Large, round head with no beak.

Image credit: ©Lisa Steiner/agefotostock.com

FAO CODE: PIW

FAO CODE: DRR

Harbour porpoise

(Phocoena phocoena)

L Small and stocky, up to 2 m in length.

i Shy surfacing behaviour.

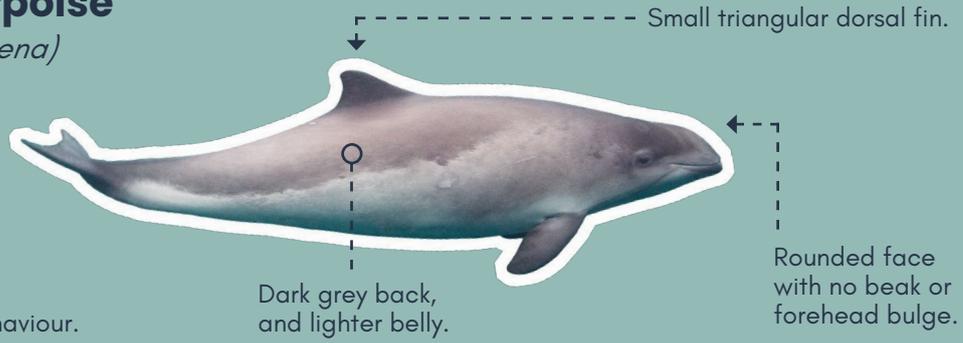


Image credit: ©SCOTLAND: The Big Picture/naturepl.com

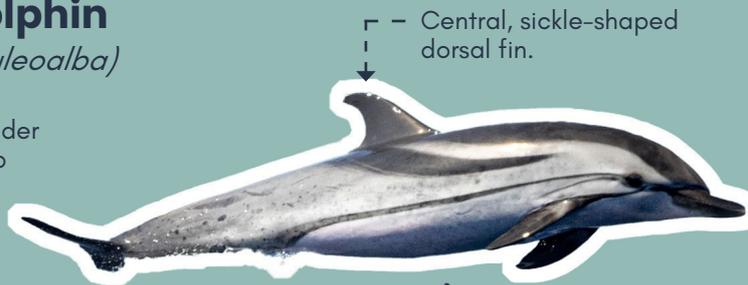
FAO CODE: PHR

Striped dolphin

(Stenella coeruleoalba)

L Small, slender dolphin, up to 2.5 m in length.

Dark grey back, pale flanks, and creamy white underside.



i Similar to the common dolphin, although characterised by dark grey stripes; usually two long stripes, and sometimes a shorter, third stripe.

Image credit: ©Sylvain Cordier/naturepl.com

FAO CODE: DST

White-beaked dolphin

(Lagenorhynchus albirostris)

L Large, stocky dolphin, up to 3.2 m in length.

Black back with a lighter underbelly, and a white flash on its side and behind the dorsal fin - a 'saddle'.

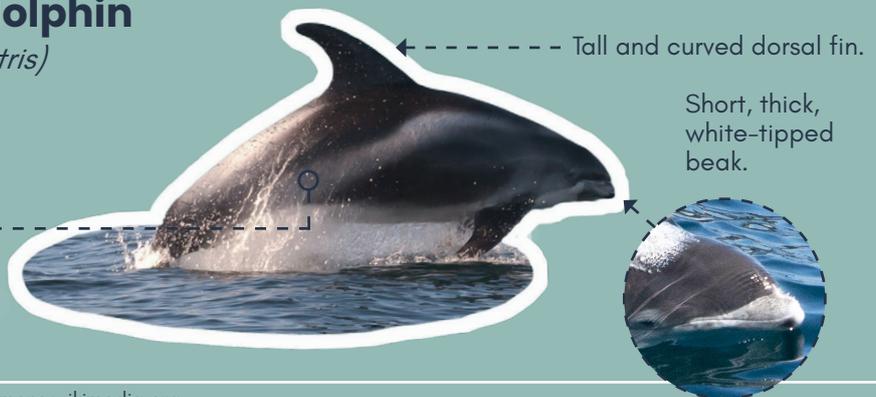


Image credit: ©Charlotte Kirchner/commons.wikimedia.org

FAO CODE: BWD

Atlantic white-sided dolphin

(Lagenorhynchus acutus)

L Short, stocky dolphin up to 2.8 m in length.

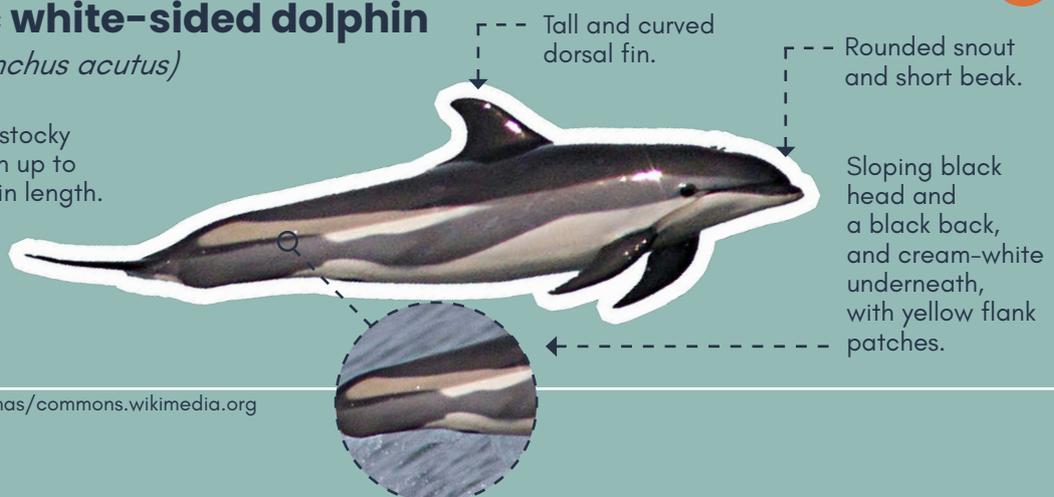


Image credit: ©Cephas/commons.wikimedia.org

FAO CODE: DWH

! VISUALLY SIMILAR SPECIES

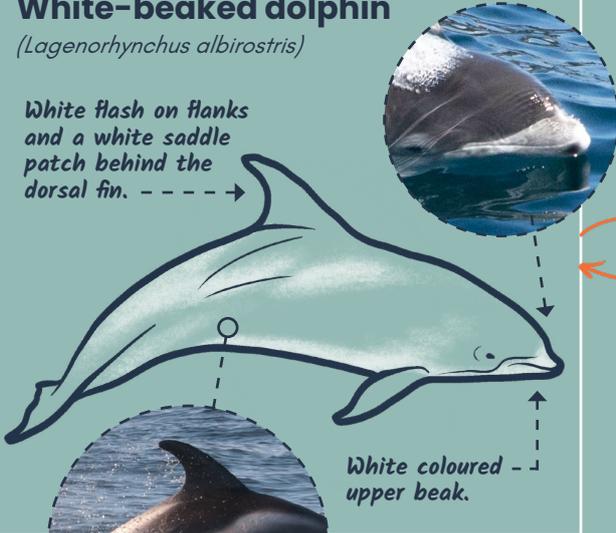
The presence of the yellow streak on the side of the Atlantic white-sided dolphin is the key distinguishing feature between the following two species.

White-beaked dolphin

(Lagenorhynchus albirostris)

White flash on flanks and a white saddle patch behind the dorsal fin. ----->

White coloured - - - upper beak.

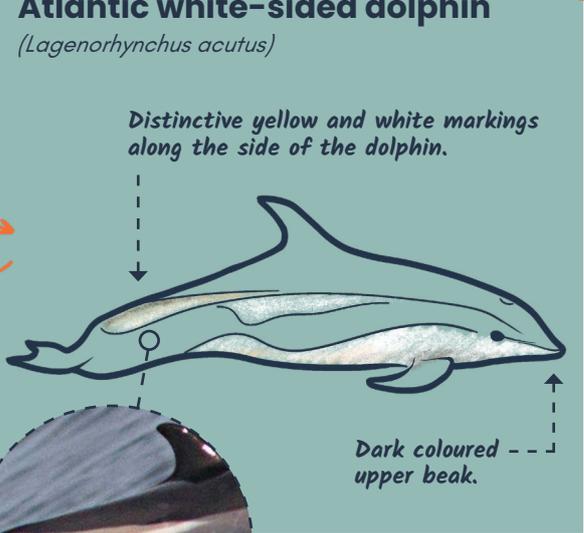


Atlantic white-sided dolphin

(Lagenorhynchus acutus)

Distinctive yellow and white markings along the side of the dolphin.

Dark coloured - - - upper beak.



! Whiteness of the throat and belly of the Atlantic white-sided dolphin extend higher up on the sides than in the White-beaked dolphin.

SEALS

This guide includes two species of seal, best distinguished from each other through their characteristic nose shape, size, and differences in coat.



Common (Harbour) seal



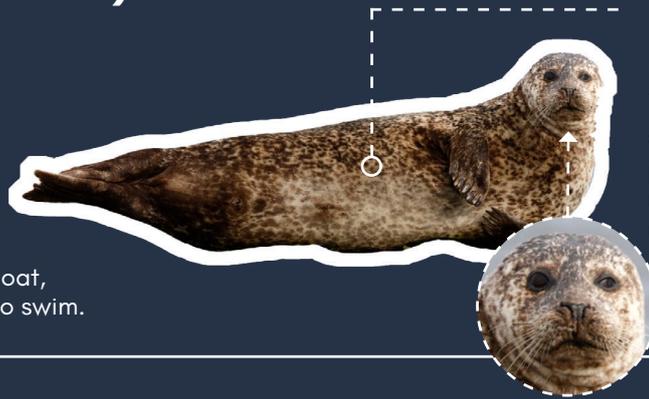
Grey seal

Common (Harbour) seal

(*Phoca vitulina*)

L The smaller of the two seal species, up to 2 m in length.

i Pups have a brown coat, and are born ready to swim.



Generally grey with dark spots, although colour can range from blonde to black.

Concave facial profile, and short muzzle with v-shaped nostrils (more dog-like).

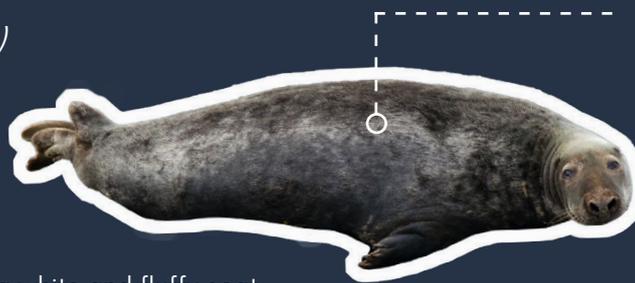
FAO CODE: SEC

Grey seal

(*Halichoerus grypus*)

L The larger of the two seal species, up to 2.6 m in length.

i Pups are born with a white and fluffy coat, but will stay on shore until they moult.



Mainly grey, with unique patterns of dark blotches.

Elongated muzzle, and parallel nostrils, often said to sport a 'Roman' nose.

FAO CODE: SEC

! VISUALLY SIMILAR SPECIES

Both the common (harbour) seal and grey seal are similar in appearance. The key distinguishing feature is the sloping 'Roman' nose present on a grey seal, which isn't present on common (harbour) seals.

Common (Harbour) seal

(*Phoca vitulina*)

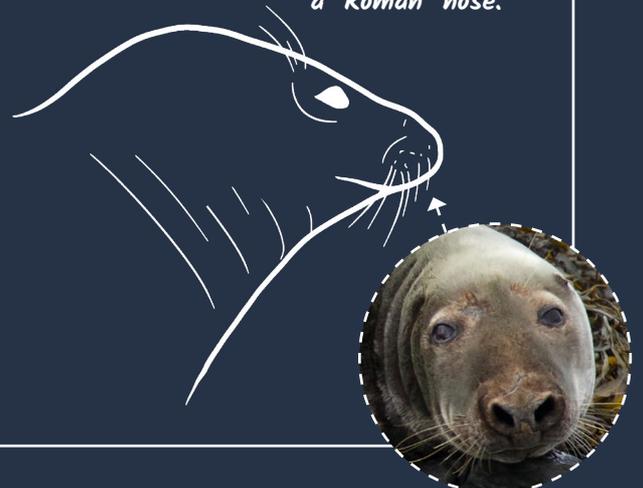
Short muzzle with v-shaped nostrils (more dog-like).



Grey seal

(*Halichoerus grypus*)

Elongated muzzle, often said to sport a 'Roman' nose.



TURTLES

These species of turtle can be identified from one another through size, colour, shell and beak shape, and scales.



Kemp's ridley turtle



**Leatherback
turtle**

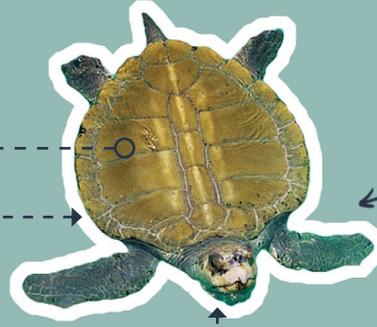


Loggerhead turtle

Kemp's ridley turtle

(Lepidochelys kempii)

L Up to 1 m in length.



Front flippers have one claw each.

Grey-green round shell, often as wide as it is long. The shell usually has five pairs of scales.

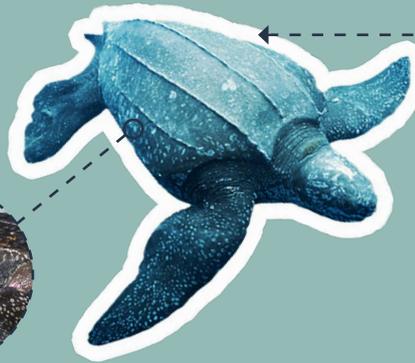
Triangular shaped head and slightly hooked beak.

Image credit: ©Doug Perrine/naturepl.com, ©NPS Staff (Division of Sea Turtle Science and Recovery)/nps.gov

Leatherback turtle

(Dermochelys coriacea)

L The largest marine turtle, up to 2.2 m in length.



Leathery, flexible shell which is black with white spots.

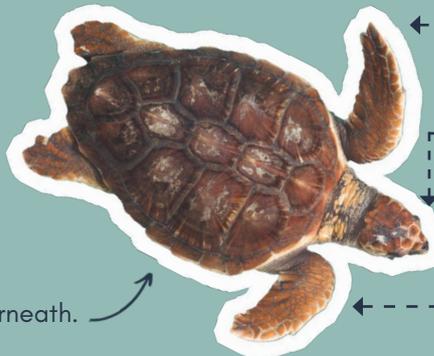
Seven pronounced ridges run down the length of the shell, tapering to a blunt spike.

Image credit: ©Doug Perrine/naturepl.com

Loggerhead turtle

(Caretta caretta)

L Up to 1 m in length.



Reddish brown shell and flippers.

Large, yellow-orange head, a parrot-like beak and powerful jaws.

Yellow body underneath.

Front flippers have two claws each.

SEABIRDS

Seabird species in this guide have been categorised within the following groups:

- Auks
- Cormorants, Gannets and Shags
- Divers
- Gulls
- Fulmars and Shearwaters





SEABIRD PLUMAGE

Please note that all seabirds pictured in the ID guide have been photographed in their **summer plumage**.



Seabirds that appear distinctly different in their **winter plumage** (January - March) will have a winter plumage icon paired next to them with further guidance to help ID the species.

 - Winter plumage

Image credit: ©Luis Quinta/naturepl.com

AUKS

With the distinctive bills of the puffin and razorbill, auks are quite easy to identify. Juvenile individuals can be tricky to distinguish, but identifying key features in their plumage can help aid identification.

Atlantic puffin

(Fratercula arctica)

 Up to 30 cm in size.

Plumage is black on their back, and white along their sides and belly.

Legs are a vivid orange, accompanied by webbed feet.



← - Broad bill with distinctive red, yellow and blue patterning, becoming smaller and duller during winter months. 

 Juveniles lack the distinctive bill of adults, but a pale face rimmed with black distinguishes them from other seabirds of similar colours.

Guillemot

(Uria aalge)

 Up to 45 cm in length.

Plumage is 'dark chocolate' brown with a fine white tip on the edge of the wing feathers and white underside. Might also sport a white streak across the face, originating at the eye.



Thin, dagger-like bill.

 Wintering adults have a dark cap on the crown, a white throat, and white cheeks with a black streak from the eye.

← - Black legs with webbed feet.

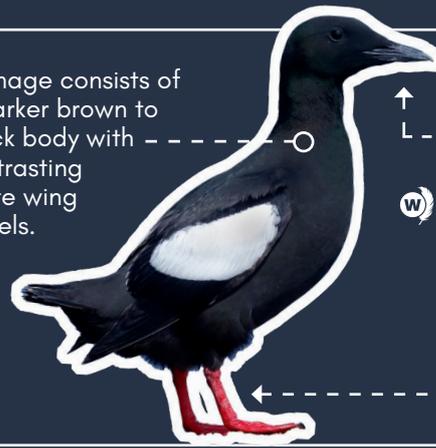
Black guillemot

(*Cephus grylle*)

L Up to 32 cm, a slightly smaller seabird.

i More commonly found in pairs or small groups compared to other auks.

Plumage consists of a darker brown to black body with contrasting white wing panels.



W Thin, dagger-like black bill.

W Wintering adults lose the intense darker blacks on their body and neck, with more white and grey showing through.

Red legs with webbed feet.

Razorbill

(*Alca torda*)

L Up to 39 cm, a medium sized seabird.

i Juvenile razorbills have the characteristic bill of the adults, with less distinct white lines. They appear darker in the face than guillemots, which they appear similar to.



W Distinctive broad bill crossed with a pattern of white bands. A white line leads from the bill to the eye.

Sharply contrasted white breast against a black back, wings, and head, developing a white cheek-patch in the winter. **W**

Black legs with webbed feet.

CORMORANTS, GANNETS AND SHAGS

Whilst the bright white gannet stands out amongst these diving birds, cormorants and shags can be easily mistaken for one another. Key differences in bill thickness, forehead slope, and the presence of a crest allow these birds to be separately identified.

Cormorant

(*Phalacrocorax carbo*)

L Up to 90 cm in length.

Black plumage with a bluish sheen, broken by a white patch on the throat and thigh.

Gently sloping forehead lacking the distinctive crest of a shag.

Long, hooked beak of a medium thickness, both yellow and black in colour.

Often has a white patch behind the bill.

Brown, webbed feet.



Northern gannet

(*Morus bassanus*)

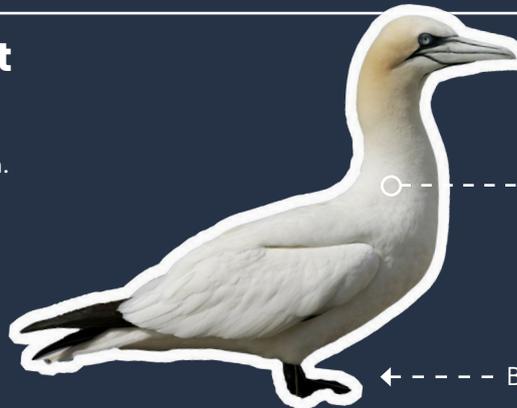
L Up to 90 cm in length.

i Juveniles exhibit brown plumage that transitions into a speckled pattern across the bird until adulthood.

Powerful black-blue dagger-like bill.

Adult birds exhibit a 'whiter-than-white' plumage, black wingtips and a head stained with a 'butterscotch' yellow.

Black legs with webbed feet.



Shag

(*Gulosos aristotelis*)

L Up to 80 cm in length.

Black-green glossy plumage and clear crest in the breeding season.

Steep forehead accompanied by a forward pointing crest.

Thin, hooked bill.

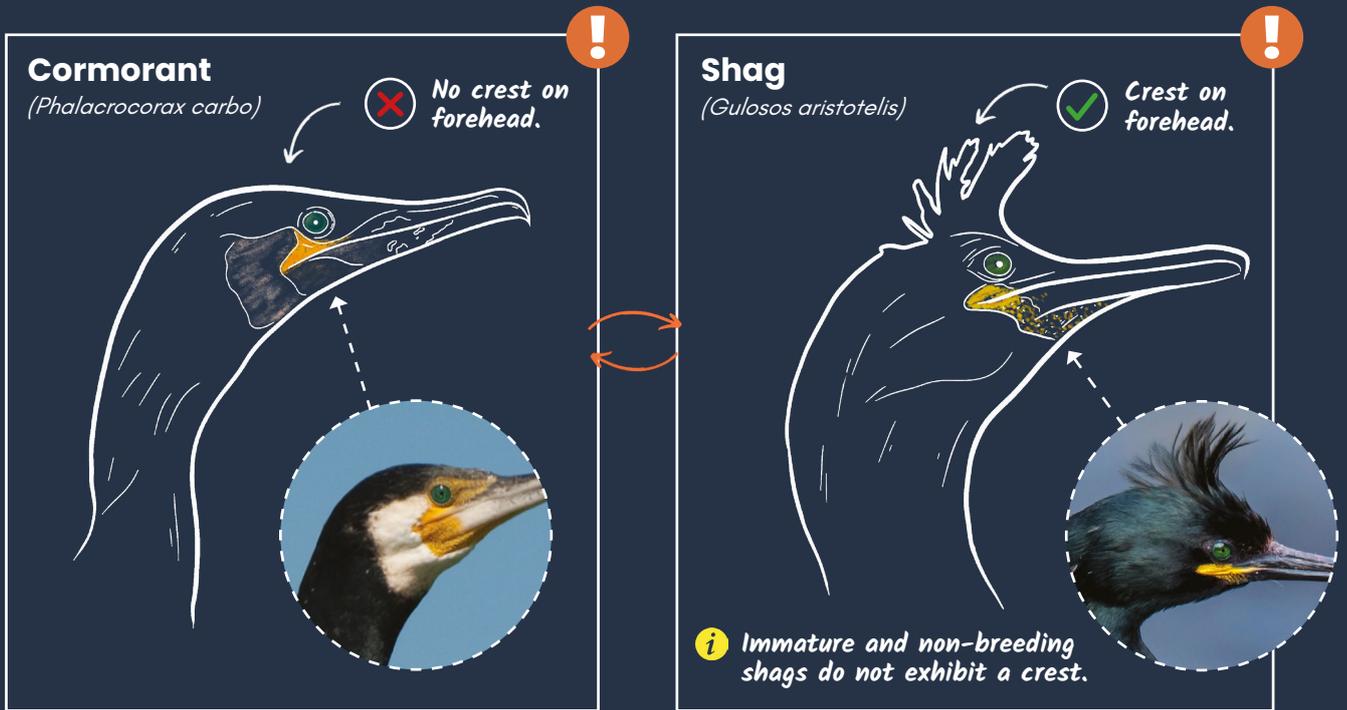
Dark legs with webbed feet.



i Find a comparative illustration on the following page to assist with differentiating the cormorant and shag.

! VISUALLY SIMILAR SPECIES

Both the cormorant and shag are similar in appearance. A key distinguishing feature is the steep sloping forehead and crest, that shags have and cormorants don't.



DIVERS

Easily spotted in the warmer months when sporting their bright summer plumage, these birds can appear very similar during winter months. Key differences in contrast between the light and dark plumage along the body, and the presence of white patches on the cheek and flank, can help identify different diver species from one another.

Black-throated diver

(*Gavia arctica*)

L Up to 73 cm in length.

Brown legs, positioned far back on the body, with webbed feet.

Summer plumage consists of a silky grey head, black throat, with a chequerboard black and white pattern covering its back.



Straight, dagger-like black bill.

W In winter, plumage is darker grey, with a white underside and a distinctive white patch on its flank. Unlike other winter divers, there is a sharp contrast between white and grey plumage across its body.



Great northern diver

(*Gavia immer*)

L Up to 89 cm in length, this bird is the largest of the divers.

Brown legs, positioned far back on the body, with webbed feet.

Summer plumage consists of a black to dark bottle-green head and neck, accompanied by a grey body with a chequerboard black and white back.



Dagger-like black bill and 'lumpy' head shape.

W Winter plumage consists of a softly contrasted grey and white around the head and neck. A white 'nick' is often present behind the cheeks of the bird.



Red-throated diver

(*Gavia stellata*)

L Up to 60 cm in length, the smallest of the divers.

Black legs, positioned far back on the body, with webbed feet.



Slightly upturned black beak.

Brown summer plumage, with a white underside, silky grey head, and distinctive 'gory' red throat.

W During winter, the silky grey head and red throat is lost, replaced with white sides of the head and neck, and paler grey back speckled with white spots.



GULLS

The distinctive white-grey plumage of gulls can make them difficult to identify from one another, but key differences in size, bill shape, and eye and leg colour can help with this process. Juvenile gulls can be difficult to identify due to their mottled appearance across this group of birds, but key differences in their feather patterns and colour make identification possible.



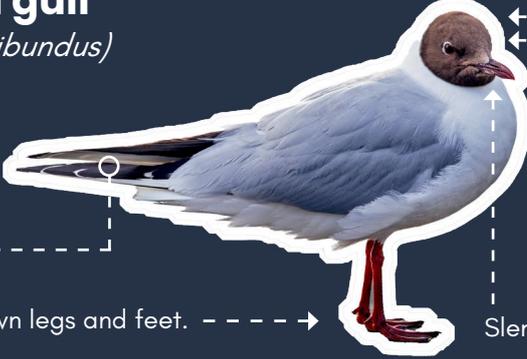
Black-headed gull

(Chroicocephalus ridibundus)

L Up to 37 cm in length.

Grey wings with black tips. -----

Red-brown legs and feet. ----->



Chocolate-brown head during the summer months.

W A mostly white head for much of the year with small brown spots on either side.

Slender red beak.



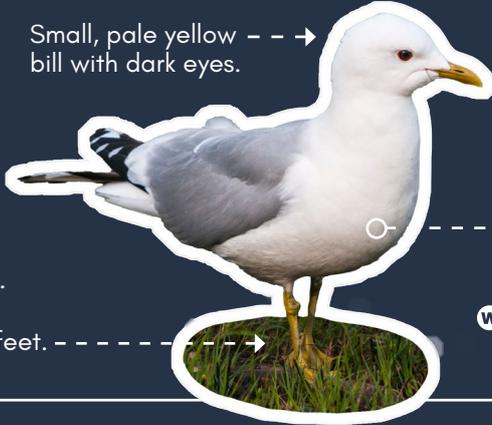
Common gull

(Larus canus)

L Up to 42 cm in length.

i The bills of younger individuals are grey in colour, with a black tip.

Yellow legs with webbed feet. ----->



Small, pale yellow bill with dark eyes. ----->

i Juveniles exhibit a black band along the end of their tail, with a dark grey speckled pattern adorning their wings, back, and neck.

Blue-grey wings and back, with a bright white head and chest, and black tipped wings.

W In winter, adults develop peppered heads and necks.

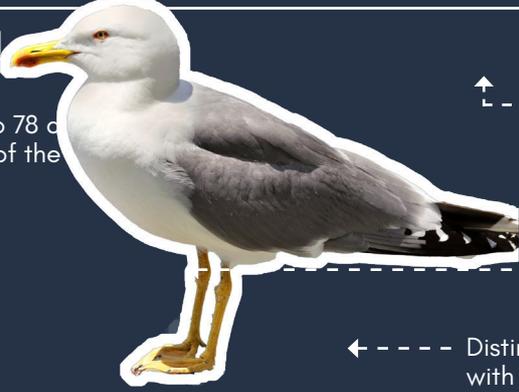


Great black-backed

(Larus marinus)

L Up to 78 cm in length, one of the largest gulls.

i Juveniles exhibit grey-brown mottled plumage, with a black tail band and chequerboard pattern on their backs that is less clear cut than those seen in herring gulls.



Thick yellow bill with a single red spot.

Adult birds have jet black wings and back, accompanied by a white blob at each wingtip.

Distinctive pink legs with webbed feet.

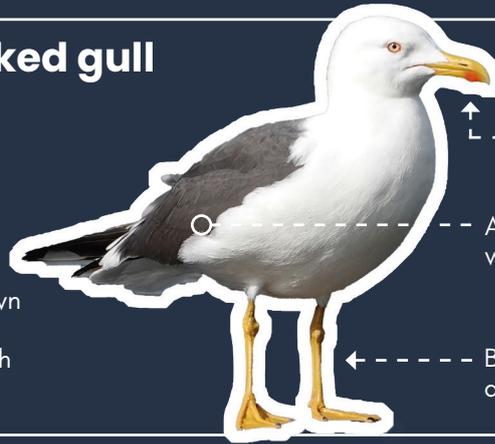
Image credit: ©Andreas Trepte/commons.wikimedia.org

Lesser black-backed gull

(*Larus fuscus*)

L Up to 64 cm in length.

i Juveniles exhibit a grey-brown mottled plumage, darker tail with the grey coming through as age progresses.



← - Adults have yellow eyes.

↑ - Thick yellow bill with single red spot.

○ - Adults have dark slate-grey wings and back.

← - Bright yellow/orange legs and webbed feet.

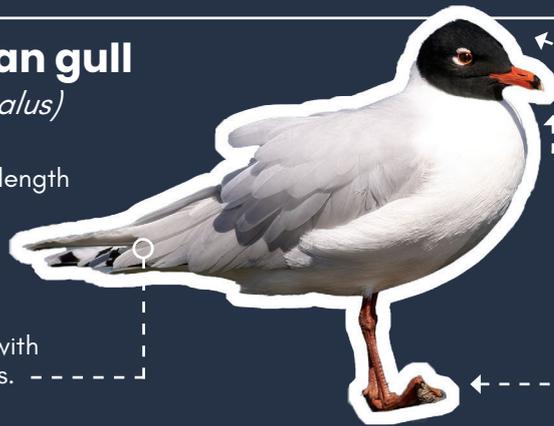


Mediterranean gull

(*Larus melanocephalus*)

L Up to 38 cm in length

Very pale grey back with bright-white wing tips.



↑ - All-black head in the summer months.

↑ - Bright red beak, large for a bird this size, slightly down-turned.

w In winter the black head is replaced by a dark patch that extends from the eyes to the back of the head.

← - Red-brown legs and feet.



Image credit: ©Alexis Lours/inaturalist.org

Herring gull

(*Larus argentatus*)

L Up to 60 cm in length.

i Juveniles in their first and second years wear a mottled brown plumage, with darker bills.



↑ - Heavy yellow bills with a slight hook, marked with a singular red spot.

○ - Adults have a light grey back, white undersides, and black wingtips. Pink legs with webbed feet.

i Distinguishable from common gulls due to their yellow eyes, larger size and pink legs.



Kittiwake

(*Rissa tridactyla*)

L Up to 40 cm in length.

i Juvenile plumage differs from adults with a black bar across the wing in the shape of a 'W', black patches on the face, and a black beak.



← - Small yellow bill.

○ - Grey plumage with black-tipped wings. The rest of the body and head are bright white.

← - Distinctive black legs with webbed feet.



Little gull

(*Hydrocoloeus minutus*)

L Up to 27 cm in length, this is a small, 'delicate' gull.



Small, thin bill that can be black through to a dull red.

Adult summer plumage consists of a black head, light grey wings with a dark grey underwing, lacking a black wingtip. Wintering adults lack this black head, reduced to an ear spot.

i Juvenile individuals lack the black head, instead wearing a black patch across their crown with an ear spot. A black bar is present across the wing in the shape of a 'W'.

Red legs with webbed feet.

Image credit: ©Andrey Gulivanov/commons.wikimedia.org

! VISUALLY SIMILAR SPECIES

Some gull species can appear quite similar in appearance. Differences in leg colour and wing plumage can help identify them from one another.

<p>! Lesser black-backed gull (<i>Larus fuscus</i>)</p>  <p>Bright yellow/orange legs and webbed feet.</p> 	<p>! Greater black-backed gull (<i>Larus marinus</i>)</p> <p>Darker plumage</p>  <p>Distinctive pink legs with webbed feet.</p> 	<p>! Herring gull (<i>Larus argentatus</i>)</p> <p>Lighter plumage</p>  <p>Distinctive pink legs with webbed feet.</p> 
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FULMARS, PETRELS AND SHEARWATERS

These seabirds can appear quite similar, but are best distinguished from each other through distinctive wing and head markings, and their notable differences in size.

Balearic shearwater

(*Puffinus mauretanicus*)

L Up to 39 cm in length.

i Larger than the Manx shearwater, to which it has a similar appearance.



Dark, thin hooked bill.

Brown plumage with a dull white underside.



Pink-brown legs.

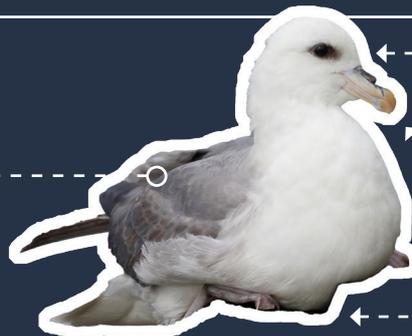
Image credit: ©Robin Chittenden/naturepl.com

Fulmar

(*Fulmarus glacialis*)

L Up to 50 cm in length.

Gull-like, ashy grey and white plumage.



Distinguishable by its thick head and neck, with a dark patch of feathers near the eyes.

Hooked bill with a tubular ridge lining the nose.

Grey legs with webbed feet.

Great shearwater

(*Ardenna gravis*)

L Up to 51 cm in length.

Brown or pink legs.



Dark grey-brown plumage with pale white underparts.

Distinctive black-brown cap on head alongside the dark markings on its belly and underwing distinguishes this bird from other shearwaters.

Dark, thin hooked bill.

Image credit: ©Mike Read/naturepl.com

Manx shearwater

(*Puffinus puffinus*)

L Up to 38 cm in length.

i With some individuals around 30 cm in length, this species tends to be smaller than other shearwaters.

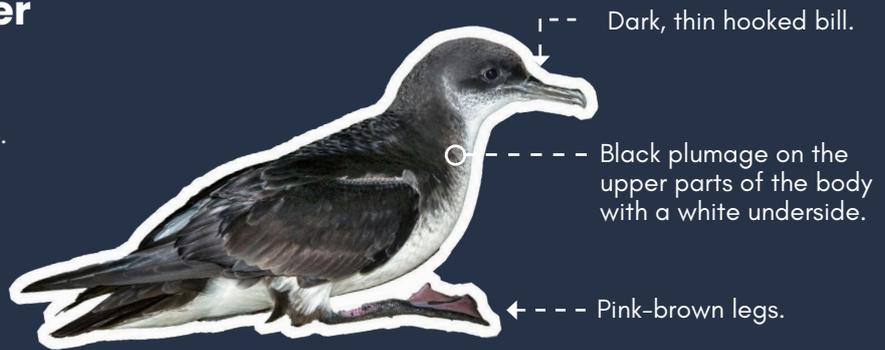


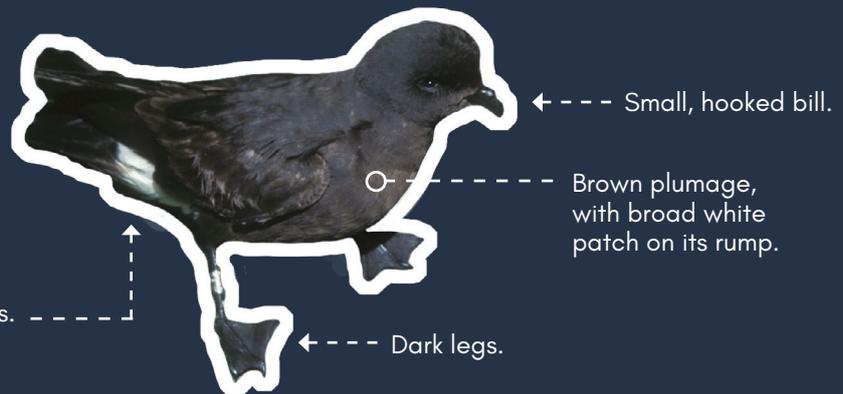
Image credit: ©Melvin Grey/naturepl.com

Storm petrel

(*Hydrobates pelagicus*)

L Up to 18 cm in length.

White band along underside of wings.



SKATES AND RAYS

The skates and rays in this guide can be distinguished from one another by their size, shape, colour, and patterning.



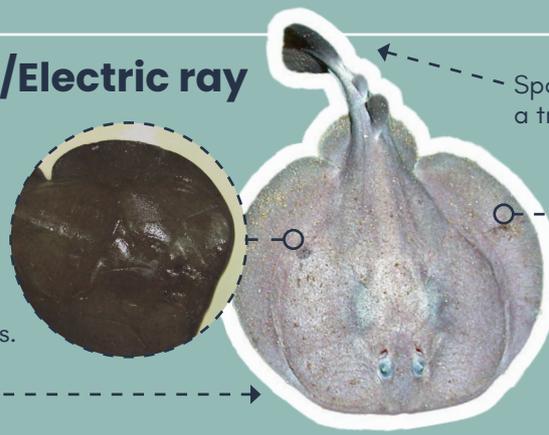
Atlantic torpedo ray/Electric ray

(*Tetronarce nobiliana*)

L Up to 185 cm in length.

Dark-grey to purple-brown on top. Creamy white underneath with dark margins.

Round fleshy body.



Sports a thick tail with a triangular caudal fin.

Skin is smooth and completely free of thorns and spines, with a jelly-like texture.

Image credit: ©Unknown author/commons.wikimedia.org

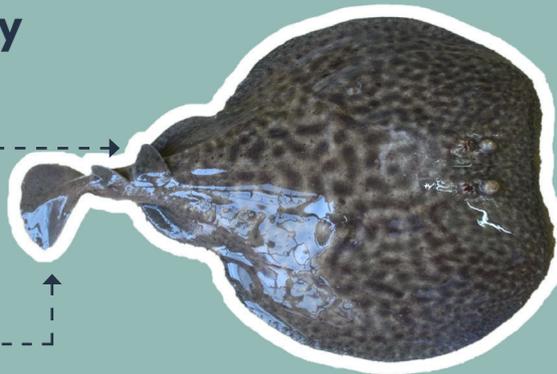
Marbled electric ray

(*Torpedo marmorata*)

L Up to 80 cm in length.

Two dorsal fins present on tail.

Well developed caudal fin.



Marbled brown colouration.

Rounded body and snout.

Image credit: ©Alexandra Alves/commons.wikimedia.org

Common stingray

(*Dasyatis pastinaca*)

L Up to 140 cm in length, with a rounded triangular-shaped body.

Thin, long tail containing a large, serrated stinger.



Dark grey-brown in colour, with white underside.

Blunt thorns may be present in a row along the backs of older individuals.

Image credit: ©Citron/commons.wikimedia.org

Common eagle ray

(*Myliobatis aquila*)

L Up to 183 cm in length, large pointed wings and protruding snout.

Can sometimes have very small spines on the body and the tail conceals one (or sometimes two) large venomous spines.

Long whip-like tail, often double or treble the body length.

Small dorsal fin is set far back on the body at the base of the tail.

Brown, olive, or black colouring with a pale underside.

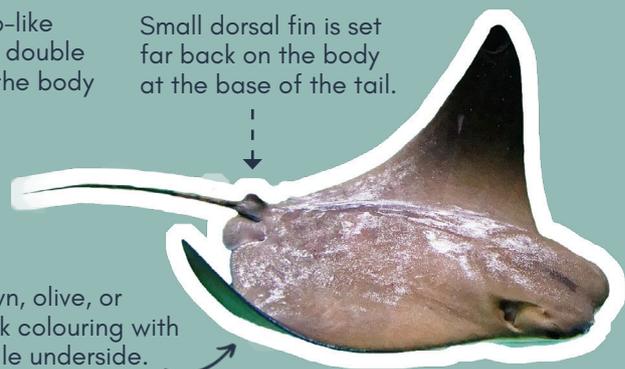


Image credit: ©Thesupermat/commons.wikimedia.org

Common blue skate

(*Dipturus batis*)

L Commonly up to 150 cm in length.

Brown colouring on top, often with pale spots and streaks.

Dark grey underneath, becoming paler with age.

Row of 12–31 thorns along the tail.

Lateral spines on the side of the tail point out at right-angles.

Oval eyespots on inner wings, with a yellowish margin and darker centre.

Iris of eye is pale-yellow.

Black sensory pores visible on top and underside.

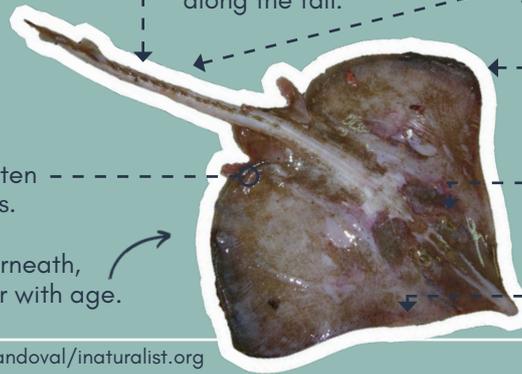


Image credit: ©Gonzalo Mucientes Sandoval/inaturalist.org

Flapper skate

(*Dipturus intermedius*)

L Up to 285 cm in length.

Olive to dark brown with a variable pattern of lighter blotches (pale in juveniles, becoming grey-brown with age) on the back.

Lateral thorns on the tail point towards the head of the animal.

Adults have two rows of 12–18 thorns on the tail.

Dark olive-green iris of the eyes.

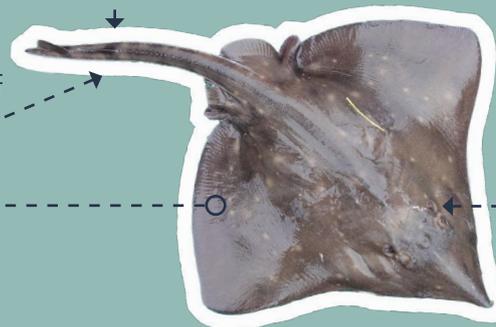


Image credit: ©Bache-Jeffreys, M., de Moraes, B.L.C., Ball, R.E./commons.wikimedia.org

! VISUALLY SIMILAR SPECIES

Both the common blue skate and flapper skate are very similar in appearance. Key differences between the two species are snout shape, direction of the lateral thorns and eye colour. Flappers grow to much larger sizes than blues.

Common blue skate

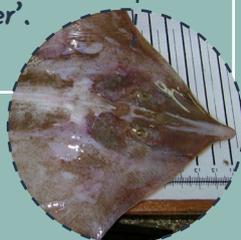
(*Dipturus batis*)

Lateral thorns on the tail of the blue skate point outwards, perpendicular to the tail.

Blue skate have a smaller gap between their two dorsal fins compared to a flapper skate.

Has an eye-spot on each wing.

Snout is less pronounced and 'blunter'.



Flapper skate

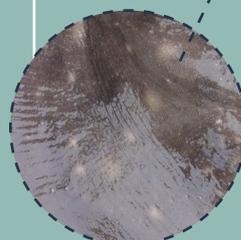
(*Dipturus intermedius*)

Lateral thorns on the tail of a flapper skate point towards the head of the animal.



Has a loose grouping of light coloured spots.

Snout is more pronounced and 'sharper.'



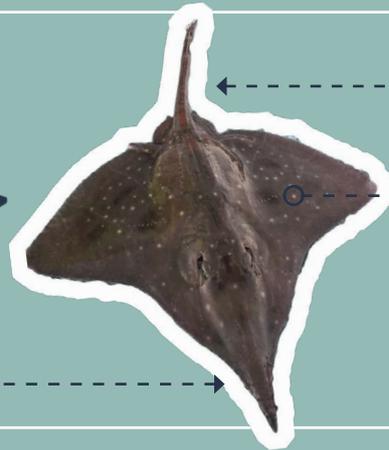
Longnosed skate

(*Dipturus oxyrinchus*)

L Up to 150 cm in length.

Dusky brown or grey top, and dark brown or bluish grey underside.

Very long, pointed snout.



Row of 4-11 thorns along the tail, sometimes worn down.

Pattern of light and dark spots on top.

Image credit: ©Sunhill/inaturalist.org

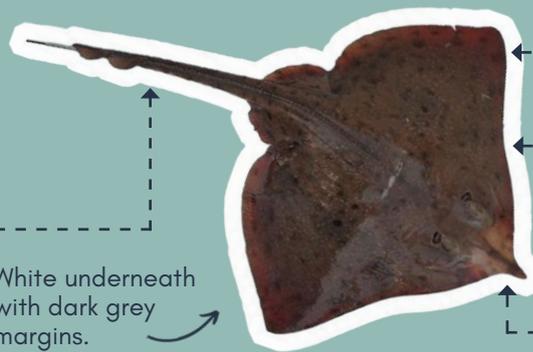
White skate

(*Rostroraja alba*)

L Up to 200 cm in length.

Rows of 10-30 spines on the tail have weakly ridged bases, sometimes worn down.

White underneath with dark grey margins.



Grey/black with numerous whitish spots on top.

The top, except for the middle of the wings, is covered with small prickles.

Long pointed snout.

Image credit: ©Theo Modder/commons.wikimedia.org

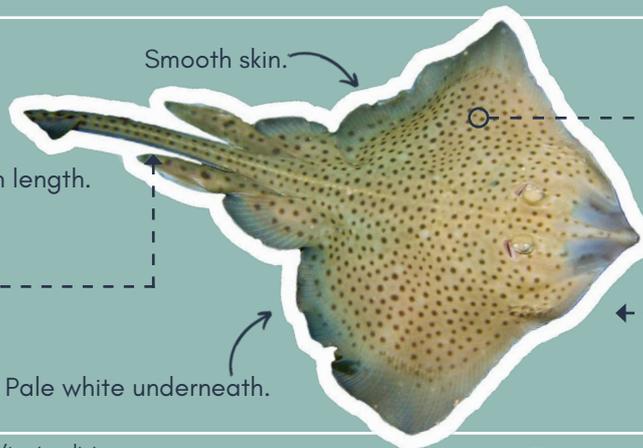
Spotted ray

(*Raja montagui*)

L Up to 80 cm in length.

A row of 20-50 spines along the midline to the first dorsal fin.

Pale white underneath.



Smooth skin.

Pale yellow to grey-brown on top, with numerous dark spots. The spots do not extend to the edge of the disc.

Relatively small, diamond-shaped ray.

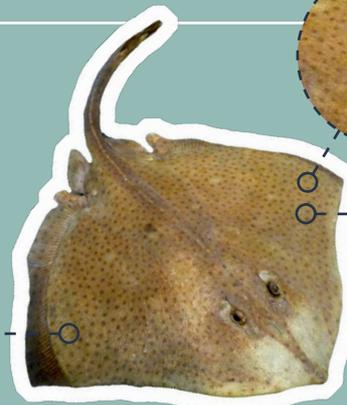
Image credit: ©Ross Bullimore/inaturalist.org

Blonde ray

(*Raja brachyura*)

L Up to 120 cm in length.

Large and diamond shaped, with a short snout.



Pale brown to grey-brown on top, with small dark spots all over its back that extend to the edge of its wings, as well as a scattering of larger pale spots.

White underneath.

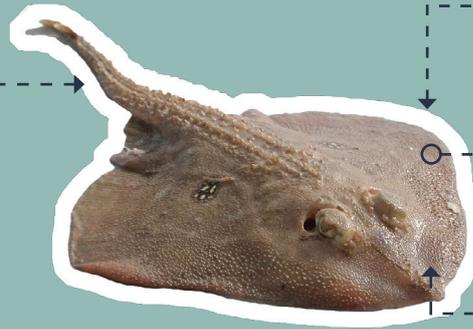
Image credit: ©Citron/commons.wikimedia.org

Cuckoo ray

(*Leucoraja naevus*)

L Relatively small ray, up to 75 cm in length.

Three to five rows of thorns run down its lower back and along its tail.



Triangular shape with a pointed snout and a short tail compared to other rays.

Sandy coloured back with a large black and yellow marbled eyespot on each wing.

Rough skin.



Image credit: ©Ecomare/Oscar Bos/commons.wikimedia.org

Starry ray/ Thorny skate

(*Amblyraja radiata*)

L Up to 105 cm in length.

Tail shorter than body with a row of 13-17 large thorns running down.



Muddy brown in colour, with a white underside.

Triangular, short and blunt snout.

Many small thorns are present across the animal, with larger ones lining from the back of the head to the end of the tail.

Image credit: ©Ecomare/Oscar Bos

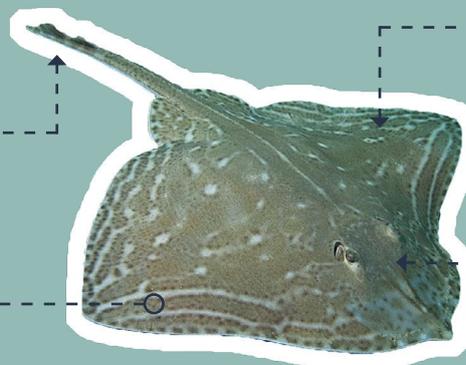
Small-eyed ray

(*Raja microocellata*)

Tail is slightly shorter than the body.

L Up to 91 cm in length.

Pale sandy brown to olive grey.



Regular pattern of lighter streaks, spots, and blotches on top. Pale lines run parallel with the front edges of the wings.

Small eyes.



Image credit: ©Sue Daly/naturepl.com

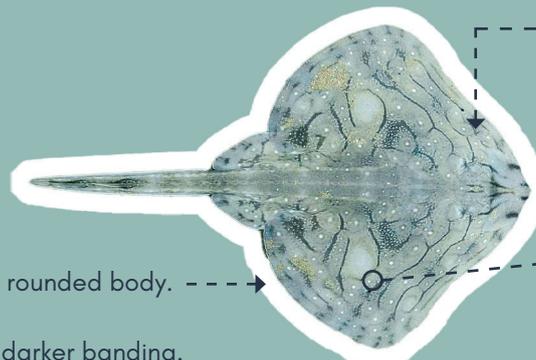
Undulate ray

(*Raja undulata*)

L Up to 120 cm in length.

More rounded body.

Juveniles have some darker banding.



Brown-grey colouring with wavy patterns along its back bordered by white spots.



Image credit: ©Diego Delso/commons.wikimedia.org

Shagreen ray

(Leucoraja fullonica)

L Up to 120 cm
in length.

Two rows of about 50
spines, each running
from the centre of the
back to the first dorsal fin.

Solid grey/ brown
on top and white
underneath with
light grey margins.

Cone-shaped,
pointed snout.

Patches of large
spines on the snout,
around the eyes,
and on the head.

Rough texture on top,
smooth underneath
(except the tail).

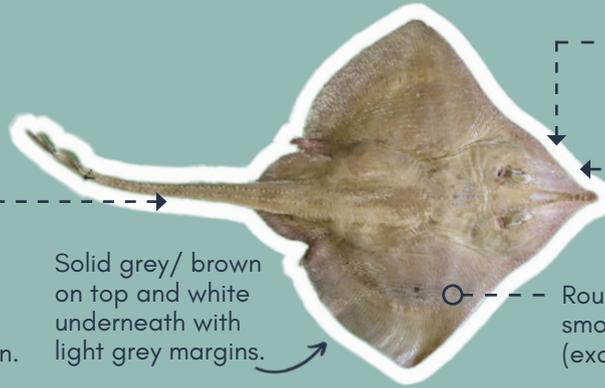


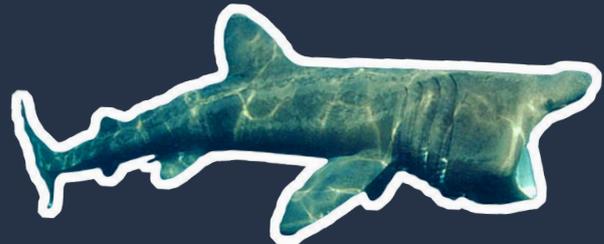
Image credit: ©University of Bergen, Natural History Collections/commons.wikimedia.org

SHARKS

Size, shape, colour, and fin positioning are key identifiers for the shark species in this guide.



Angel shark



Basking shark



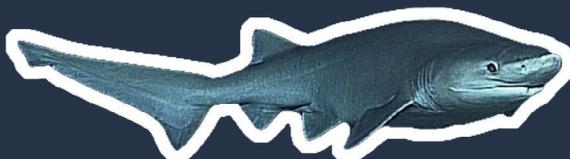
Shortfin mako shark



Porbeagle shark



Thresher shark



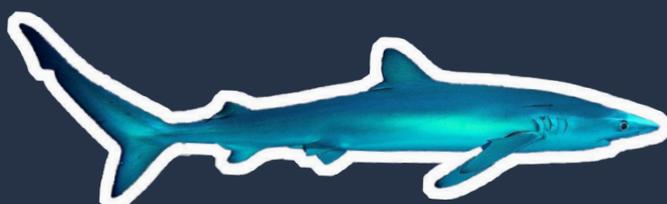
Bluntnose six-gill shark



Starry smoothhound



Spurdog



Blue shark



Tope

Angel shark (*Squatina squatina*)

L Long, flat, squat body, up to 2.5 m in length.

Eyes and gill slits are positioned on the top of their body.

Two dorsal fins set far back on the body.

Extremely large pectoral fins that resemble ray wings.

Reddish or greenish brown colouring, with scattered small white spots and dark dots, and patterns of lighter lines.

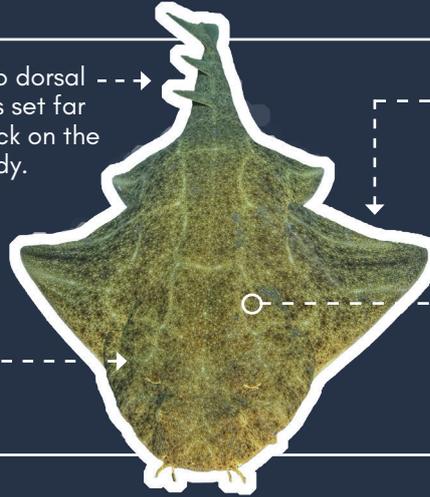


Image credit: ©Pascal Kobeh/naturepl.com

Basking shark (*Cetorhinus maximus*)

L The largest shark in European waters, up to 10 m in length.

Grey or grey-brown colouring, sometimes with lighter stripes on the flank, or with irregular white blotches on the underside of the head and abdomen.

Huge, triangular dorsal fin which often flops to the side when above water.

Pointed, bulbous snout.

Huge gaping mouth, and large gill slits that almost encircle the head.

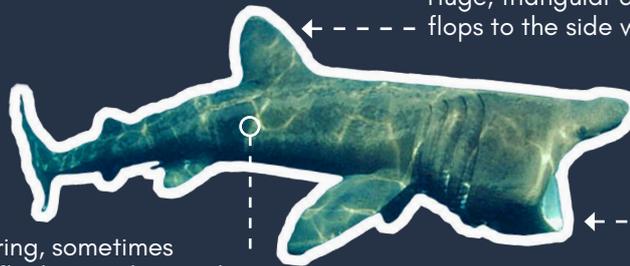


Image credit: ©Dan Burton/naturepl.com

Blue shark (*Prionace glauca*)

L Large, light bodied sharks, up to 3.8 m in length.

Asymmetrical caudal fin, with a large upper lobe.

Dark blue on top, metallic blue on the flanks and white underneath.

First dorsal fin closer to pelvic fins than pectoral fins.

Teeth are triangular and serrated.

Long, curved pectoral fins.

Second dorsal fin equal in size to, and directly above, anal fin.

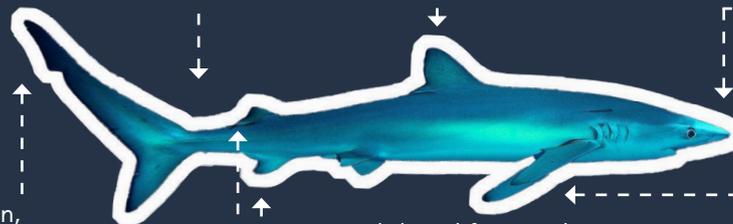


Image credit: ©NOAA Ocean Explorer/commons.wikimedia.org

Bluntnose six-gill shark (*Hexanchus griseus*)

L Relatively slim, streamlined shape up to 4.8 m in length.

Grey, olive, or brown colouring with lighter lateral lines along each flank, and paler underneath.

Single dorsal fin set back on body over anal fin.

Fluorescent blue-green eyes in live animals.

Large anal fin.

Large pelvic fin.

Six pairs of gill slits.

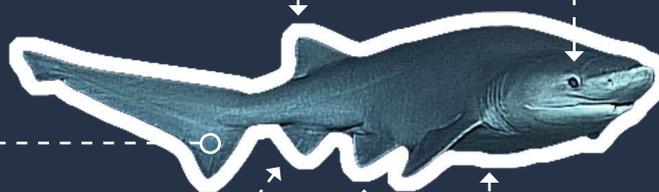


Image credit: ©NOAA Ocean Explorer/commons.wikimedia.org

Porbeagle shark

(*Lamna nasus*)

L Large, stocky, tapered body up to 3 m in length.

i Keel - A ridge found along the base of the caudal fin.

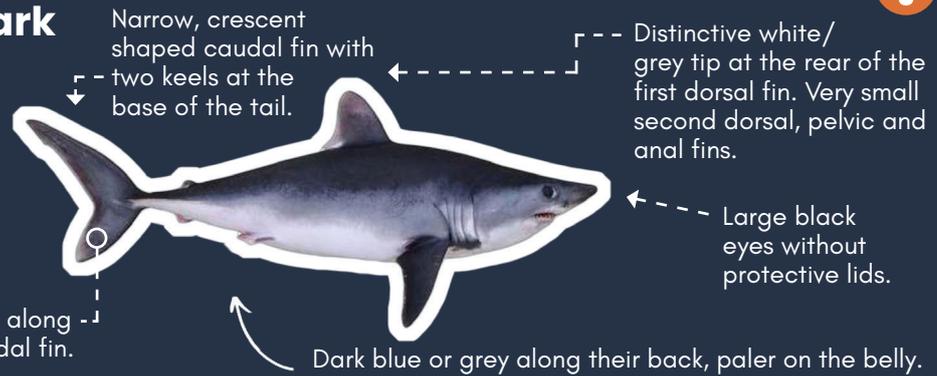


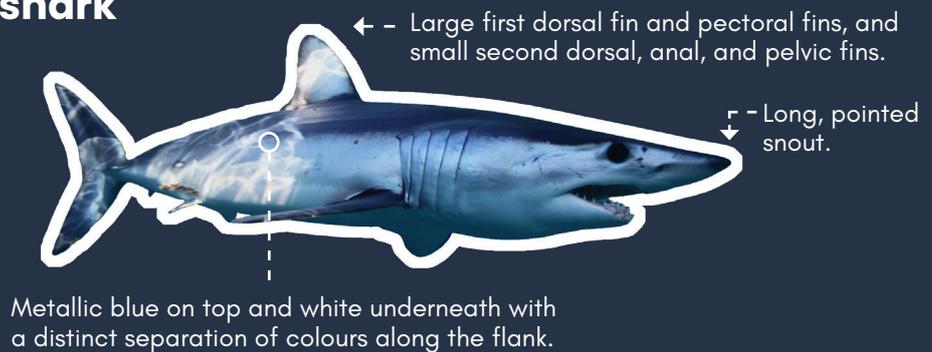
Image credit: ©NMFS, E. Hoffmayer, S. Iglésias and R. McAuley/commons.wikimedia.org

Shortfin mako shark

(*Isurus oxyrinchus*)

L Streamlined body up to 4 m in length.

Crescent shaped caudal fin with single keel.



Spurdog

(*Squalus acanthias*)

L Streamlined, slender body up to 1.25 m in length (similar to starry smoothhound).

Grey or blue-grey on top, with a row of white spots on the flanks and pale colouring underneath.

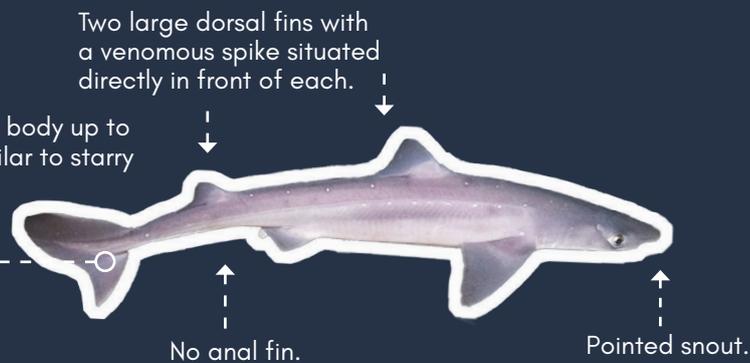


Image credit: ©Doug Costa, NOAA/SBNMS/commons.wikimedia.org

Starry smoothhound

(*Mustelus asterias*)

L Streamlined, slender shark up to 1.25 m long.

Greyish-brown with a scattering of white spots on its upper surface.

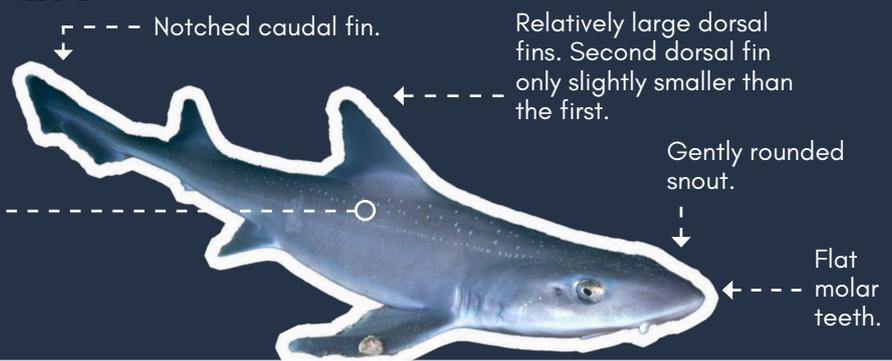


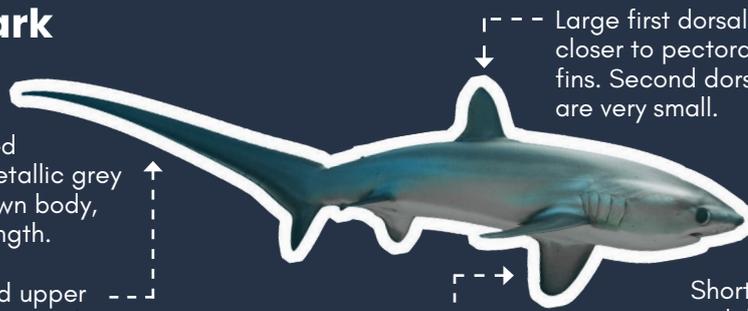
Image credit: ©Sue Daly/naturepl.com

Thresher shark

(*Alopias vulpinus*)

L Torpedo-shaped shark with a metallic grey to purplish brown body, up to 5 m in length.

Enormously elongated upper part of caudal fin, often as long as the rest of the shark.



Sickle-shaped, sharply pointed pectoral fins.

Short, broad head, with large black eyes lacking protective lids.

Large first dorsal fin positioned closer to pectoral fins than pelvic fins. Second dorsal fin and anal fin are very small.

Tope

(*Galeorhinus galeus*)

L Shallow-bodied shark that can grow up to 2 m long.

Upper part of caudal fin is notched with a relatively large lower lobe of the caudal fin.



Second dorsal fin is equal in size and directly above anal fin.

Dark blue to grey/brown in colour with a white belly.

Elongated head.

Mouth full of small, cusped teeth.

Large first dorsal fin set behind pectoral fins.

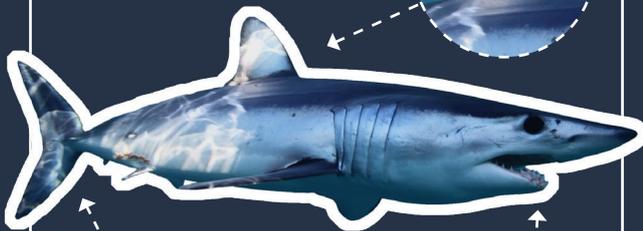
! VISUALLY SIMILAR SPECIES

Both the shortfin mako shark and the porbeagle shark are similar in appearance. Differences in fin shape, tail keels, and teeth can distinguish these sharks from one another.

Shortfin mako shark

(*Isurus oxyrinchus*)

Taller dorsal fin.



Only one keel on tail.

Teeth are long and lack serrations or basal cusps.



Porbeagle shark

(*Lamna nasus*)

Distinctive whitel/grey tip at the rear of the first dorsal fin.

Smaller, more rounded dorsal fin.



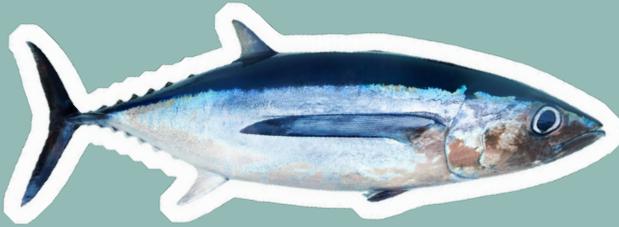
Main keel and secondary keel on tail.

Large triangular teeth with a cusp each side of the base.

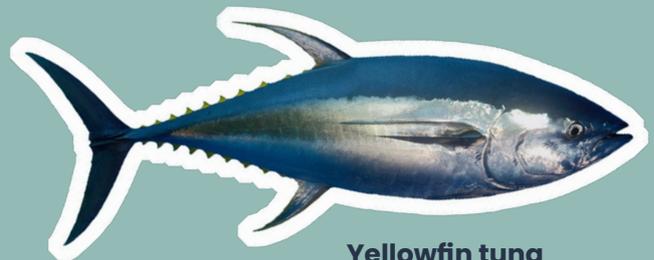


TUNA

Key differences in size, colour, fin-length, and fin-shape can help identify the tuna species in this guide.



Albacore



Yellowfin tuna



Atlantic bluefin tuna



Bigeye tuna



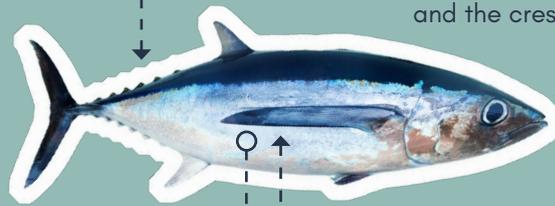
Atlantic bonito

Albacore

(*Thunnus alalunga*)

L Smallest of the bluefin tuna, growing up to 1.4 m in length.

Dark blue with a silvery-white underbelly and yellow fins.



Up to 7-9 silver-blue finlets are present between the last dorsal and anal fins and the crescent-shaped caudal fin.

Large head, mouth, and eyes.

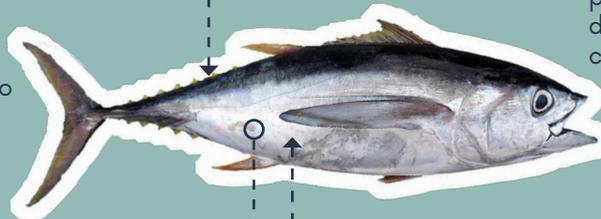
Pectoral fins can be a third of the animal's body length.

Bigeye tuna

(*Thunnus obesus*)

L Deep, streamlined body reaching up to 2.5 m in length.

Dark blue body with a silvery-white underbelly accompanied by yellow fins.



Up to 7-10 yellow finlets with black edges are present between the last dorsal and anal fins and the crescent-shaped caudal fin.

Large head, mouth and eyes.

Pectoral fins often reach behind the second dorsal fin.

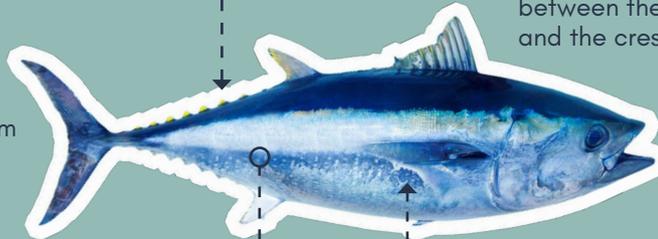
Image credit: ©Allen Shimada, NOAA NMFS OST/commons.wikimedia.org

Atlantic bluefin tuna

(*Thunnus thynnus*)

L Streamlined body up to 2.5 m in length.

Dark blue in colour with a grey underbelly and bright yellow fins.



7-10 yellow finlets are present between the last dorsal and anal fins and the crescent-shaped caudal fin.

Large head, mouth, and eyes.

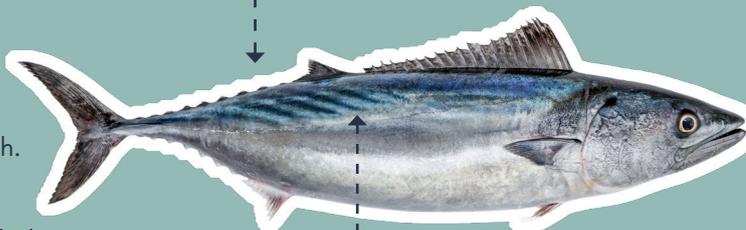
Distinguishable from other tuna species by shorter pectoral fins, which do not reach the second dorsal fin.

Atlantic bonito

(*Sarda sarda*)

L A distinctive, compressed body, up to 75 cm in length.

Grey in colour with dark stripes angled across the back of the fish.



7-10 grey finlets are present between the last dorsal and anal fins and the crescent-shaped caudal fin.

Unlike other tuna, this fish lacks teeth along the roof of its mouth.

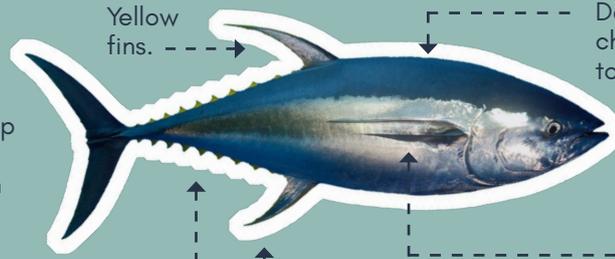
Image credit: © Nosyrevy/shutterstock.com

Yellowfin tuna

(*Thunnus albacares*)

L Streamlined body up to 2.4 m in length, slightly smaller than bigeye and bluefin tuna.

7-10 yellow finlets are present between the last dorsal and anal fins and the crescent-shaped caudal fin.



Yellow fins.

Dark blue in colour on top, changing to yellow, then to silver on the belly.

Pectoral fins are shorter than in an albacore yet longer than in a bluefin.

In mature individuals, the second dorsal fin and anal fin can become extremely elongated, reaching almost as far back as the tail.

Image credit: ©Brandon Cole/naturepl.com



END OF GUIDE.

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