

() some species

freshwater locations

m: mediterranean brackish

marine freshwater

most species
anadromous
catadromous
amphidromous

↑ ↓

Northern America
nAm

Latin America
lAm

Europe
Eur

Africa
Afr

Middle East
mEa

North Asia
nAs

South Asia
sAs

Oceania
Oce

tropical
subtropical
temperate
polar
bathymersal
mesopelagic
bathypelagic

	tropical	subtropical	temperate	polar	bathymersal	mesopelagic	bathypelagic	m: mediterranean	marine	brackish	freshwater	genera	species	Northern America	Latin America	Europe	Africa	Middle East	North Asia	South Asia	Oceania	
Elasmobranchii																						
Frill and cow sharks																						
Bullhead and horn sharks	Hexanchiformes							Atl	Ind	Pac		Hexanchidae	3	5 cow sharks								
								Atl	Ind	Pac		Chlamydoselachidae	1	2 frilled sharks								
Carpet sharks	Heterodontiformes								Ind	Pac		Heterodontidae	1	10 bullhead, horn, or Port Jackson sharks								
	Orectolobiformes																					
Mackerel sharks								Atl	Ind	Pac		Rhincodontidae	1	1 whale sharks								
								e	Pac			Parascylliidae	2	8 collared carpet sharks								
									sw			Brachaeluridae	1	2 blind sharks								
									w			Orectolobidae	3	12 carpet or nurse sharks								
									w			() Hemiscylliidae	2	17 bamboo sharks								
									w			Stegostomatidae	1	1 zebra sharks								
								w	Ind	Pac		Ginglymostomatidae	3	4 nurse sharks								
Lamniformes																						
Ground sharks									Ind	w		Mitsukurinidae	1	1 goblin sharks								
								Atl	Ind	Pac		Carchariidae	1	2 ragged-tooth sharks								
								Atl	Ind	Pac		Odontaspidae	1	2 sand tiger sharks								
								Atl	Ind	Pac		Pseudocarchariidae	1	1 crocodile sharks								
								swe		Pac		Megachasmidae	1	1 megamouth sharks								
								m#sw	Ind	#se		Alopiidae	1	3 thresher sharks								
								Atl	Ind	Pac		Cetorhinidae	1	1 basking sharks								
Carcharhiniformes																						
Dogfish sharks								() Atl	Ind	Pac		Pentanchidae	11	111 deepwater catsharks								
									Ind	wc		Dichichthyidae	1	3 bristle sharks								
								Atl	Ind	Pac		Scyliorhinidae	4	39 catsharks								
								() (#n)w	e	Pac		Atelomycteridae	3	13 coloured catsharks								
								wc	Ind	wc		Proscylliidae	3	7 finback catsharks								
								#s	Ind	w		Pseudotriakidae	3	5 false catsharks								
								e				Leptochariidae	1	1 barbeled houndsharks								
								() Atl	Ind	Pac		Triakidae	9	46 houndsharks								
								Atl	Ind	Pac		Hemigaleidae	4	8 weasel sharks								
								Atl	Ind	Pac		() Carcharhinidae	11	59 requiem sharks	(nAm)	lAm		Afr	mEa		sAs	Oce
								Atl	Ind	Pac		Galeocerdonidae	1	1 tiger sharks								
								Atl	Ind	Pac		Sphyrnidae	2	11 hammerhead sharks								
	Squaliformes																					
Bramble sharks								Atl	Ind	Pac		Dalatiidae	7	10 kitefin sharks								
								() Atl	Ind	Pac		Etmopteridae	4	53 lantern sharks								
								() Atl	Ind	Pac		Somniosidae	6	17 sleeper sharks								
								wc	Ind	nsw		Oxynotidae	1	5 rough sharks								
								m#sw	Ind	#ne		Centrolophidae	2	19 gulper sharks								
								() Atl	Ind	Pac		Squalidae	2	40 dogfish sharks								
Saw sharks	Echinorhiniformes							Atl	Ind	Pac		Echinorhinidae	1	2 bramble sharks								
	Pristiophoriformes							() wc	Ind	w		Pristiophoridae	2	10 saw sharks								
Angel sharks	Squatiniiformes							() Atl	Ind	Pac		Squatinae	1	26 angel sharks								
	Torpediniformes																					
Electric rays									n	Pac		Platyrrhinidae	2	5 thornbacks or fanrays								
								()	Ind	w		Narkidae	6	12 sleeper rays								
								w	Ind	#n		Narcinidae	5	31 numbfishes								
								aus	aus			Hypnidae	1	1 coffin rays								
Shovelnose rays and allies								() Atl	Ind	Pac		Torpedinidae	2	24 torpedo electric rays or torpedo rays								
	Rhinopristiformes																					
								w	e	se,ec		Trygonorrhinidae	3	8 fiddler rays or banjo rays								
								Atl	Ind	Pac		Rhinobatidae	4	40 guitarfishes								
								e	Ind	w		Rhinidae	3	11 wedgefishes								
							me	Ind	wcec		() Glaucostegidae	1	10 giant guitarfishes									
							#nsw	Ind	#nse		() Pristidae	2	7 sawfishes			lAm		Afr			(sAs)	
Rajiformes																						
Skates								Atl	Ind	Pac		Rajidae	18	164 hardnose skates								
								Atl	#n	Pac		Arhynchobatidae	14	113 softnose skates								
								#ne	Ind	#n		Gurgesiellidae	3	19 pygmy skates								
								wc	#n	wc		Anacanthobatidae	5	16 smooth or leg skates								
Myliobatiformes																						
Stingrays								e	Ind	w,c		Zanobatidae	1	2 panrays								
								Atl	Ind	Pac		Hexatrygonidae	1	1 sixgill stingrays								
								swc				Dasyatidae	19	108 whiptail stingrays				wAfr		sAs	Oce	
								wc		ec		() Potamotrygonidae	5	40 river stingrays		lAm						
								Atl	Ind	Pac		Urotrygonidae	2	20 American round stingrays								
											Gymnuridae	1	16 butterfly rays									

Group	Subgroup	Family	#n	Ind	#n	(o)	Species	Region	Other
		Pseudopimelodidae					7 49 bumblebee catfishes	IAm	
		Clariidae					16 118 airbreathing catfishes	Eur Afr mEa	sAs
		Heteropneustidae					1 5 airsac catfishes		mEa sAs
		Ariidae				(o)	40 160 sea catfishes	IAm	Afr sAs Oce
		Anchariidae					2 6 Malagasy catfishes		Mad
		Austroglanididae					1 3 rock catlets		sAfr
		Cranoglanididae					1 5 armorhead catfishes		ViCh
		Ictaluridae					7 51 N. American freshwater catfishes	nAm cAm Eur	mEa nAs Oce
		Lacantuniidae					1 1 Chiapas catfishes	Mex	
		Amphiliidae					13 102 loach catfishes		Afr
		Malapteruridae					2 21 electric catfishes		Afr
		Mochokidae					9 226 squeakers and upside-down catfishes		Afr
		Claroteidae					11 82 grunter catfishes		Afr
		Schilbeidae					9 46 schilbid catfishes		Afr sAs
Salamanderfishes	Lepidogalaxiiformes	Lepidogalaxiidae					1 1 salamanderfishes		Oce
Marine smelts	Argentiniformes	Argentinidae	()	Atl m	Ind	Pac	2 28 argentine or herring smelts		
		Microstomatidae		Atl m	Ind	Pac	3 21 pencil smelts		
		Bathylagidae		Atl	Ind	Pac	8 23 deepsea smelts		
		Opisthoproctidae		Atl	Ind	Pac	9 22 barreleyes or spook fishes		
Southern smelts	Galaxiiformes	Galaxiidae			e	sw	(o)	7 66 southern smelts	slAm sAfr AusNZ
Pikes and Mudminnows	Esociformes	Esocidae					1 7 pikes	nAm	Eur mEa nAs
		Umbridae					3 7 mudminnows	nAm	cEur nAs
Salmonids	Salmoniformes	Salmonidae		mn	n		(→)	11 226 salmonids	nAm IAm Eur nAfr mEa nAs (sAs) (Oce)
Freshwater smelts	Osmeriformes	Osmeridae		n	n		(→)	6 15 smelts	nAm nEur nAs
		Plecoglossidae			nw		(O)	1 1 ayu fishes	nAs ViCh
		Salangidae			nw		(→)	7 20 icefishes or noodlefishes	nAs ViCh
		Retropinnidae			sw		(O)	3 6 New Zealand smelts	AusNZ
Dragonfishes, Lightfishes	Stomiiformes	Gonostomatidae		Atl m	Ind	Pac		8 32 bristlemouths	
		Sternoptychidae		Atl m	Ind	Pac		10 79 marine hatchetfishes	
		Phosichthyidae		Atl m	Ind	Pac		7 24 lightfishes	
		Stomiidae		Atl m	Ind	Pac		27 309 barbeled dragonfishes	
Jellynose fishes	Ateleopodiformes	Ateleopodidae	()	#n,sw	Ind	w,c		4 14 jellynose fishes	
Grinners	Aulopiformes	Aulopidae		mcse	se	Pac		4 15 flagfins	
		Synodontidae	()	m#ne	Ind	Pac		4 81 lizardfishes	
		Pseudotriconotidae			Ind	w		1 4 sand-diving lizardfishes	
		Paraulopidae	()		Ind	wc		1 14 cucumber fishes	
		Chlorophthalmidae		m#ne	Ind	Pac		2 21 greeneyes	
		Ipnopidae		Atl m	Ind	Pac		5 31 deepsea tripodfishes	
		Bathysauroididae				w		1 1 largescale deepsea lizardfishes	
		Scopelarchidae		Atl	Ind	Pac		5 18 pearleyes	
		Notosudidae		Atl	Ind	Pac		3 17 waryfishes	
		Giganturidae		#ns	#n	#ns		1 2 telescopefishes	
		Bathysauridae		Atl	#n	#ec		1 2 deepsea lizardfishes	
		Paralepididae		Atl m	Ind	Pac		8 32 barracudinas	
		Anopteroideidae		ns	s	ns		1 3 daggertooths	
		Evermannellidae	()	Atl m	Ind	Pac		3 8 sabertooth fishes	
		Omosudidae		Atl	Ind	Pac		1 1 hammerjaws	
		Alepisauridae		Atl	Ind	Pac		1 2 lancetfishes	
		Lestidiidae		Atl m	Ind	Pac		4 37 naked barracudinas	
Lanternfishes	Myctophiformes	Neoscopelidae		#ne	Ind	Pac		3 6 blackchins	
		Myctophidae		Atl m	Ind	Pac		34 250 lanternfishes	
Oarfishes	Lampriformes	Lampridae		Atl	Ind	Pac		1 2 opahs	
		Veliferidae			Ind	w,c		2 2 velifers	
		Lophotidae		Atl m	Ind	Pac		2 5 crestfishes	
		Radiicephalidae		(s)e		wcec		1 2 tapertails	
		Trachipteridae		Atl m	Ind	Pac		3 10 ribbonfishes	
		Regalecidae	()	Atl m	s	#se		2 3 oarfishes	
Trout-perches, Pirate perches and Cavefishes	Percopsiformes	Percopsidae						1 2 trout-perches	nAm
		Aphredoderidae						1 1 pirate perches	USA
		Amblyopsidae						5 7 cavefishes	nAm
Dories	Zeiformes	Cyttidae		se	e	sw		1 3 lookdown dories	
		Oreosomatidae	()	Atl	Ind	n,sw		4 10 oreos	
		Parazenidae		w		#ne		3 4 smooth dories	
		Zeniontidae	()	#ne	w	Pac		3 7 armoreye dories	
		Grammicolepididae		e	Ind	wc		3 3 tinselves	
		Zeidae	()	Atl m	Ind	w,c		2 6 dories	
Tube-eyes or Threadtails	Stylephoriformes	Stylephoridae		Atl	Ind	Pac		1 1 tube-eyes or threadtails	

[Cods, Hakes and allies](#)

Gadiformes

		()	m#ne	Ind	Pac		Bregmacerotidae	1	17	codlets					
		()	Atlm				Phycidae	2	11	phycid hakes					
		()	Atlm		sw		Gaidropsaridae	3	18	rocklings					
			mnc			(→)	Lotidae	3	5	hakes and burbot	nAm	Eur	mEa	nAs	
		()	mn, s		n, s	()	Gadidae	11	22	cods and haddocks	(nAm)	(Eur)			
			ne				Ranicipitidae	1	1	tadpole fishes					
			Atlm	sw	#wc		Merlucciidae	2	17	merlucciid hakes					
			se	sw			Euclichthyidae	1	3	Eucla cods					
		()	s	s	s		Muraenolepididae	2	9	eel cods					
		()	Atl	Ind	Pac		Melanonidae	1	2	arrowtails or pelagic cods					
		()	Atlm	aus	s		Trachyrincidae	4	9	armoured grenadiers					
			Atlm	Ind	Pac		Moridae	19	110	morid cods					
			s,e	se	s		Macruridae	1	4	blue grenadiers					
			n, s	s	s		Lyconidae	1	2	Atlantic hakes					
			#sw	Ind	#se		Bathygadidae	2	26	rattails					
			wc				Steindachneriidae	1	1	luminous hakes					
			Atlm	Ind	Pac		Macrouridae	29	377	grenadiers or rattails					

Polymixiiformes

			#ne	Ind	#ne		Polymixiidae	1	11	beardfishes					
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Beryciformes

		()	Atlm	Ind	#ne		Berycidae	2	10	berycids or alfonosinos					
			Atl	Ind	Pac		Melamphidae	5	72	bigscale fishes or ridgeheads					
		()	Atl	swse	Pac		Stephanoberycidae	4	4	pricklefishes					
			e	sChn			Hispidoberycidae	1	1	spiny-scale pricklefishes					
			wc	Ind	sw		Gibberichthyidae	1	2	gibberfishes					
			Atl	Ind	Pac		Rondeletiidae	1	2	redmouth whalefishes					
			Atl	Ind	Pac		Barbourisiidae	1	1	velvet whalefishes					
			Atl	Ind	Pac		Cetomimidae	16	30	flabby whalefishes					

Trachichthyiformes

				Ind	w,se		Monocentridae	2	5	pinecone fishes					
			Atlm	Ind	Pac		Trachichthyidae	8	52	slimeheads					
			wc	w	w,ec		Anomalopidae	6	9	lanterneye fishes					
			Atl	Ind	Pac		Diretmidae	3	4	spinyfins					
			Atl	Ind	Pac		Anoplogastridae	1	2	fangtooths					

Holocentriformes

		()	Atl	Ind	Pac		Holocentridae	8	90	squirrelfishes and soldierfishes					
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Ophidiiformes

		()	Atlm	Ind	Pac		Ophidiidae	50	275	cusks-eels					
			Atlm	Ind	Pac		Carapidae	8	37	pearlfishes					
			Atlm	Ind	Pac		Bythitidae	38	134	livebearing brotulas	Cuba				
			Atl	Ind	Pac		Dinematichthyidae	25	114	dwarf brotulas	Mex			sAs	

Batrachoidiformes

		()	Atlm	Ind	#nw		Batrachoididae	23	83	toadfishes			lAm		
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Scombriformes

				Ind	wc		Amarsipidae	1	1	bagless glassfishes					
		()	Atlm	Ind	Pac		Nomeidae	3	16	driftfishes					
		()	#ne	Ind	w,c		Ariommatidae	1	7	ariommatids					
			Atlm	Ind	Pac		Stromateidae	3	17	butterfishes					
			Atlm	Ind	#e		Pomatomidae	1	1	bluefishes					
		() ()	Atlm	Ind	Pac		Centrolophidae	7	31	medusafishes					
				n			Icosteidae	1	1	ragfishes					
			aus	sw			Arripidae	1	4	Australian salmon					
			m#sw	Ind	#se		Tetragonuridae	1	3	squaretails					
		()	Atl	Ind	Pac		Chiasmodontidae	4	32	snaketooth fishes or swallows					
			Atlm	Ind	Pac		Scombridae	15	54	mackerels, tunas and bonitos					
			#sw	#n	#se		Caristiidae	4	19	manefishes					
		()	Atlm	Ind	Pac		Bramidae	7	20	pomfrets					
			#ne	Ind	#n		Scombrolabracidae	1	1	longfin escolars or black mackerels					
		() ()	Atlm	Ind	Pac		Gempylidae	16	26	snake mackerels					
		()	Atlm	Ind	Pac		Trichiuridae	10	46	cutlassfishes					

Syngnathiformes

			wcec	Ind	#n,se		Aulostomidae	1	3	trumpetfishes					
			#ne	Ind	Pac		Fistulariidae	1	4	cornetfishes					
			Atlm	Ind	Pac		Centriscidae	5	12	snipefishes or shrimpfishes					
			Ind	(s)w			Solenostomidae	1	6	ghost pipefishes					
		()	Atlm	Ind	Pac		Syngnathidae	59	307	pipefishes and seahorses	nAm	lAm	sEur	Afr	mEa nAs sAs Oce

Dactylopteriformes

				Ind	w,c		Pegasidae	2	6	seamoths					
			Atlm	Ind	w,c		Dactylopteridae	2	7	flying gurnards					

Callionymiformes

		()	Atlm	Ind	Pac		Callionymidae	16	198	dragonets				sAs	
			#se	Ind	#ne		Draconettidae	2	15	slope dragonets					

Mulliformes

			Atlm	Ind	Pac		Mullidae	6	104	goatfishes					
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Kurtiformes

				n,e	sw		Kurtidae	1	2	nurseryfishes				sAs	Oce
			m#ne	Ind	#ne		Apogonidae	40	367	cardinalfishes			(eAfr)		Oce

Gobiiformes

				Ind	wc		Trichonotidae	1	10	sand divers					
				e	w		Rhyacichthyidae	2	3	loach gobies				seAs	Oce
							Odontobutidae	6	23	Asian freshwater sleepers			Eur	nAs	Indo

[Cuskeels, Pearlfishes etc](#)

[Mackerels](#)

[Pipefishes and seahorses](#)

Seamoths and Flying Gurnards

Dragonets

Goatfishes

Nurseryfishes, Cardinalfishes

[Gobies](#)

		ec	Ind	w		Oxudercidae	10	42 mudskippers				Afr	(mEa)	(nAs)	sAs	Oce	
		Atl	Ind	Pac	(o)	Eleotridae	21	139 bully sleepers	nAm	IAm		Afr	(mEa)	nAs	sAs	Oce	
		e	Ind	w		Butidae	11	48 gudgeon gobies				Afr	(mEa)		sAs	Oce	
						Milyeringidae	2	6 blind cave gudgeons				Mad				(Aus)	
			se	sw		Thalasseleotrididae	3	4 ocean sleepers									
			Atl	Ind	Pac	(o)	Gobiidae	243	1922 gobies	nAm	IAm	Eur	Afr	mEa	nAs	sAs	Oce
			w	wc	()	Kraemeriidae	2	9 sand darters				Mad					
		#ne	Ind	#ne	()	Microdesmidae	13	92 wormfishes and dartfishes				Seyc					Oce
			Ind	wc		Xenisthmidae	6	16 collared wrigglers									
			Ind	w,c		Schindleriidae	1	10 infantfishes									
Swampeels & Allies	Synbranchiformes																
						Mastacembelidae	3	88 spiny-eels				Afr	mEa		sAs		
						Chaudhuriidae	6	10 earthworm eels							sAs		
						Indostomidae	1	3 armored sticklebacks							sAs		
Gouramies, Snakeheads	Anabantiformes					Synbranchidae	4	25 swamp eels	Flor	IAm		wAfr		(nAs)	sAs	Oce	
						Anabantidae	4	33 climbing gouramies				Afr			sAs		
						Helostomatidae	1	1 kissing gouramies							seAs		
						Osphronemidae	14	135 gouramies						nAs	sAs		
						Aenigmachannidae	1	1 gollum snakehead fishes							India		
					()	Channidae	2	49 snakeheads	nAm			Afr	mEa	nAs	sAs		
						Nandidae	1	7 Asian leaffishes							sAs		
						Badidae	2	35 chameleon fishes							sAs		
						Pristolepididae	1	8 mudperches							sAs		
	Carangaria/misc																
			Ind	w		Latidae	3	14 lates perches				Afr		(nAs)	sAs	Oce	
		w	Ind	e	()	Centropomidae	1	13 snooks	(nAm)	(IAm)							
			Ind	w		Lactariidae	1	1 false trevallies									
		Atl	Ind	Pac		Sphyraenidae	1	29 barracudas									
		se	Ind	sw	()	Leptobramidae	1	2 beachsalmons									
			Ind	w	(o)	Toxotidae	1	7 archerfishes							sAs	Oce	
		Atl	Ind	Pac		Menidae	1	1 moonfishes									
			Ind	Pac		Polynemidae	8	42 threadfins					(mEa)		sAs		
Flounders and Soles	Pleuronectiformes																
		ec	Ind	w		Psettodidae	1	3 spiny turbot									
		mec	Ind	w		Citharidae	4	6 largescale flounders									
			Ind	w	()	Scophthalmidae	3	9 turbot									
		Atl	Ind	Pac	()	Bothidae	20	172 lefteye flounders									
		#ne	Ind	Pac	()	Paralichthyidae	10	65 large-tooth flounders									
		#ne	Ind	e	()	Cyclopsettidae	4	46 sand whiffs									
		#ne	Ind	e	()	Pleuronectidae	25	62 righteye flounders	(nAm)		Eur	nAfr		nAs			
		mn	Ind	nwne	()	Achiridae	7	35 American soles	(USA)	IAm							
		w	Ind	ec		Paralichthodidae	1	1 peppered flounders									
		se	Ind	sw	()	Rhombosoleidae	8	20 South Pacific flounders									NZ
		s	Ind	s		Achiropsettidae	4	4 southern flounders									
		sw	Ind	s		Oncopteridae	1	1 remo flounders									
			Ind	#e		Samaridae	4	30 crested flounders									
		#esw	Ind	#e		Poecilopsettidae	3	21 bigeye flounders									
		me	Ind	#e		Soleidae	31	184 soles				Afr			sAs	Oce	
		m#ne	Ind	Pac	()	Cynoglossidae	3	161 tonguefishes							seAs	Oce	
Jacks	Carangiformes																
			Ind	Pac	()	Nematistiidae	1	1 roosterfish									
		Atl	Ind	Pac	()	Carangidae	39	147 jacks and pompanos									
		Atl	Ind	Pac		Echeneidae	3	8 remoras									
		#nes	Ind	#en		Rachycentridae	1	1 cobias									
		m#ne	Ind	#n		Coryphaenidae	1	2 dolphinfishes									
		m#ne	Ind	#n		Istiophoridae	5	11 billfishes									
		Atl	Ind	#n		Xiphiidae	1	1 swordfish									
Cichlids and surperches	Cichliformes																
		ec	Ind	c	()	Cichlidae	254	1786 cichlids	nAm	IAm	Eur	Afr	mEa	nAs	India	Oce	
			Ind	wc		Pholidichthyidae	1	2 convict-blennies									
Silversides and Rainbowfishes	Atheriniformes																
		w	Ind	Pac		Atherinopsidae	13	114 neotropical silversides	nAm	IAm	Eur		(mEa)	Jap			
		m#sw	Ind	#se		Atherinidae	14	69 silversides	Cuba	Eur	Afr		mEa		Tim	Oce	
			Ind	w		Atherionidae	1	3 pricklenose silversides									
			Ind	w		Bedotiidae	2	16 Madagascar rainbowfishes				Mad					
			Ind	#e		Isonidae	1	5 ilsonids									
			Ind	#e		Melanotaeniidae	7	114 rainbowfishes									Oce
			Ind	wc		Phallostethidae	4	23 priapum fishes									seAs
			Ind	wc		Dentatherinidae	1	1 tusked silversides									
			Ind	(s)w		Pseudomugilidae	3	19 blue eyes									Oce
			Ind	wc	()	Telmatherinidae	5	18 sailfin silversides									Sul
			Ind	se		Notocheiridae	1	1 surf sardines									
Killifishes and Allies	Cyprinodontiformes																
			Ind	w		Aplocheilidae	2	14 killifishes				Mad			sAs		
			Ind	w	()	Nothobranchiidae	12	304 African rivulines				Afr					
			Ind	w	()	Rivulidae	38	460 rivulines		IAm							
			Ind	w	()	Pantodontidae	1	2 spine killifishes				eAfr					
		w	Ind	e		Fundulidae	3	44 topminnows and killifishes	nAm	Mex							
		wc	Ind	w	()	Cyprinodontidae	9	103 pupfishes	USA	IAm							
			Ind	w		Profundulidae	2	10 Middle American killifishes		cAm							
			Ind	w		Goodeidae	18	51 splitfins	USA	Mex							

Group	Order	Suborder	Family	Number of Families	Number of Species	Geographic Distribution	Notes		
Duckbill Flatheads	Perciformes/Bembropoidei	ne	Scytalinidae	1	1	graveldivers			
		n(e)	Bathymasteridae	3	7	ronquils			
Duckbills	Perciformes/Percophoidei	#ne	Bembropidae	2	23	duckbill flatheads			
		sw	Percophidae	1	1	duckbills			
Southern Cod-Icefishes	Perciformes/Notothenioidae	s	Bovichtidae	3	11	thornfishes			
		sw	Pseudaphritidae	1	2	catadromous icedfishes	Aus		
		se	Eleginopidae	1	1	Patagonian blennies			
		s	Nototheniidae	13	56	cod icedfishes			
		s	Harpagiferidae	1	12	spiny plunderfishes			
		s	Artedidraconidae	5	36	barbeled plunderfishes			
		s	Bathydraconidae	11	17	Antarctic dragonfishes			
		s	Channichthyidae	11	25	crocodile icedfishes			
		Sand Dwellers	Perciformes/Uranoscoipoidei	n	Trichodontidae	2	2	sandfishes	
				m#sw	Ammodytidae	7	34	sand lances	
AtlM	Uranoscopidae			7	57	stargazers			
#n,ec	Pinguipedidae			7	95	sandperches			
NZ	Cheimarrichthyidae			1	1	torrentfish	NZ		
Groupers	Perciformes/Serranoidei	AtlM	Serranidae	12	102	sea basses			
		AtlM	Anthiidae	31	245	fairy basslets or streamer basses			
		AtlM	Epinephelidae	16	170	groupers			
		#n(e)	Grammistidae	8	32	soapfishes			
		#e	Liopropomatidae	6	41	painted basslets			
		aus	Caesiocorpididae	1	1	blowhole perches			
		Scorpionfish	Perciformes/Scorpaenoidei	AtlM	Sebastidae	7	133	rockfishes, rockcods and thornyheads	
Atl	Setarchidae			4	11	deepsea bristly scorpionfishes			
e	Neosebastidae			2	18	gurnard scorpionfishes			
AtlM	Scorpaenidae			25	233	scorpionfishes or rockfishes			
Ind	Apistidae			3	3	wasp scorpionfishes			
Ind	Tetrarogidae			17	44	waspfishes	Oce		
Ind	Synanceiidae			9	40	stonefishes			
wc	Eschmeyeridae			1	1	cofishes			
sw	Perryenidae			1	1	whitnose pigfishes			
Ind	Aploactinidae			17	50	velvetfishes			
aus	Patacidae			3	3	Australian prowfishes			
aus	Gnathanacanthidae			1	1	red velvetfishes			
sw,se	Congiopodidae			1	6	racehorses or pigfishes			
s	Zanclorhynchidae			2	3	horsefishes			
Ind	Bembridae			5	12	deepwater flatheads			
w	Plectrogeniidae			1	2	stinger flatheads			
Ind	Hoplichthyidae			1	14	ghost flatheads			
me	Platycephalidae			18	83	flatheads			
AtlM	Triglidae			8	129	searobins			
m#ne	Peristediidae			6	45	armored searobins or armored gurnards			
se	Normanichthyidae	1	1	barehead scorpionfishes					
Sticklebacks	Perciformes/Gasterosteoidae	nw	Hypoptychidae	2	2	sand eel			
		mn	Gasterosteidae	5	20	sticklebacks and tubesnouts	nAm Mex Eur (Alg) mEa nAs		
		ne	Aulorhynchidae	1	1	tubesnouts			
Sculpins	Perciformes/Cottoidei	nwne	Anoplopomatidae	2	2	sablefishes			
		e	Zaniolepididae	2	3	combfishes			
		nwne	Hexagrammidae	3	9	greenlings			
		nwne	Rhamphocottidae	3	4	grunt sculpins			
		ne	Jordaniidae	3	3	longfin sculpins			
		mn	Cottidae	72	293	sculpins	nAm Eur nAs		
		#wc	Psychrolutidae	10	40	fatheads			
		swn	Agonidae	24	54	poachers			
		n(w)	Cyclopteridae	7	30	lumpfishes			
		mns	Liparidae	32	428	snailfishes			
Atl	Ind	Pac	global	616	families				
340	377	446	478	marine families					
74	70	76	79	marine orders					

() some species
[] (some) estuarine

tropical
subtropical
temperate
polar
bathydemersal
mesopelagic
bathypelagic

m: mediterranean
brackish
marine
freshwater

genera
species

() some species
grey: introduced

	nAm	lAm	Eur	Afr	mEa	nAs	sAs	Oce
freshwater families: 250	50	101	39	81	51	49	107	65
freshwater orders: 57	32	41	19	33	26	27	30	23

bathydemersal living close to the floor of the sea at depths greater than 200 m.
mesopelagic living at midwater at depths between 200 m and 1,000 m.
bathypelagic living at open ocean at depths greater than 1,000 m.