

Order	Family	Genus	Eastern Central Pacific						Western Central Atlantic						
			EMi	MMi	LMi	P	PI	Rect	EMi	MMi	LMi	P	PI	Rect	
Hexanchiformes	Chlamydoselachidae	<i>Chlamydoselachus</i>	0	1	1	1*	1*	1	0	0	0	0	0	0	1
	Heptanchidae	<i>Heptanchias</i>	0	0	0	0	0	1	1	1*	1	1	1*	1	
	Hexanchidae	<i>Hexanchus</i>	0	0	0	1	1*	1	0	0	1	1	1*	1	
<i>Notorynchus</i>		0	0	0	0	0	1	0	0	1	1	1*	1		
Echinorhiniformes	Echinorhinidae	<i>Echinorhinus</i>	0	0	0	1	1*	1	0	0	0	0	0	0	
Squaliformes	Squalidae	<i>Cirrhigaleus</i>	0	0	0	0	0	0	0	0	0	0	0	1	
		<i>Squalus</i>	0	0	0	0	0	1	0	0	1	1	1*	1	
	Centrophoridae	<i>Centrophorus</i>	0	1	1	1	1*	1	1	1	1	1*	1*	1	
		<i>Deania</i>	0	0	0	0	0	1	1	1*	1	1	0	0	
	Etmopteridae	<i>Aculeola</i>	0	0	0	0	0	1	0	0	0	0	0	0	
		<i>Centroscyllum</i>	0	0	0	0	0	1	0	0	0	0	0	0	
		<i>Etmopterus</i>	0	0	0	0	0	1	1	1	1	1	1*	1	
		<i>Trigonognathus</i>	0	0	0	0	0	0	0	0	1	1	0	0	
	Somniosidae	<i>Centroscymnus</i>	0	0	0	0	0	1	0	0	0	0	0	1	
		<i>Scymnodon</i>	0	0	0	0	0	0	0	1	0	0	0	0	
		<i>Centroselachus</i>	0	0	0	0	0	1	0	0	0	0	0	0	
		<i>Somniosus</i>	0	0	0	0	0	1	0	0	0	0	0	0	
		<i>Zameus</i>	0	0	0	0	0	1	0	0	0	0	0	1	
	Oxynotidae	<i>Oxynotus</i>	0	0	0	0	0	0	0	0	0	0	0	1	
	Dalatiidae	<i>Dalatias</i>	0	0	0	0	0	0	1	1*	1	1	1*	1	
		<i>Euprotomicrus</i>	0	0	0	0	0	1	0	0	0	0	0	1	
		<i>Isistius</i>	0	0	1	1	1*	1	0	0	1	1	1*	1	
		<i>Squaliolus</i>	0	0	0	0	0	0	1	1	1*	1*	1*	1	
	Pristiophoriformes	Pristiophoridae	<i>Pristiophorus</i>	0	1	1	1	0	0	1	1*	1	1	1*	1
	Squatiniiformes	Squatinae	<i>Squatina</i>	0	0	1	1	1*	1	0	0	1	1	1*	1
Heterodontiformes	Heterodontidae	<i>Heterodontus</i>	0	1	1	1	1*	1	1	1	1	1	0	0	
	Hemiscyllidae	cf. <i>Chiloscyllium</i>	0	0	0	0	0	0	1	0	0	0	0	0	
Orectolobiformes	Ginglymostomatidae	<i>Ginglymostoma</i>	0	0	1	1*	1*	1	0	0	1	1	1*	1	
		<i>Nebrius</i>	0	0	0	0	0	0	1	0	0	0	0	0	
Lamniformes	Rhincodontidae	<i>Rhincodon</i>	0	0	0	0	0	1	0	0	1	1	1*	1	
	Mitsukurinidae	<i>Mitsukurina</i>	0	0	0	0	0	0	1	0	0	0	0	1	
		Odontaspidae	<i>Carcharias</i>	0	0	1	1	0	0	1	1	1*	1*	1*	1
	<i>Odontaspis</i>		0	0	0	0	0	1	1	1	0	0	0	1	
	Pseudocarchariidae	<i>Pseudocarcharias</i>	0	0	1	1*	1*	1	1	1*	1	1	1*	1	
	Lamnidae	<i>Carcharodon</i>	0	1	1	1	1	1	0	0	1	1	1*	1	
		† <i>Carcharoides</i>	0	0	1	0	0	0	0	0	0	0	0	0	
		† <i>Cosmopolitodus</i>	0	0	1	1	0	0	1	1	0	0	0	0	
		<i>Isurus</i>	0	1	1	1*	1*	1	1	1	1	1	1*	1	
		<i>Lamna</i>	0	0	0	0	0	1	0	0	0	0	0	0	
	†Otodontidae	† <i>Carcharocles</i>	1	1	1	1	0	0	1	1	1	1	0	0	
		† <i>Megalolamna</i>	1	0	0	0	0	0	1	0	0	0	0	0	
		† <i>Paratodus</i>	0	0	0	0	0	0	1	1*	1*	1	0	0	
	Alopiidae	<i>Alopias</i>	0	0	1	1*	1*	1	1	1	1	1	1*	1	
		† <i>Anotodus</i>	0	0	1	0	0	0	1	1*	1	0	0	0	
	Cetorhinidae	<i>Cetorhinus</i>	0	0	0	0	0	1	0	0	0	0	0	1	
	Megachasmidae	<i>Megachasma</i>	0	0	0	0	0	1	0	0	0	0	0	1	
Carcharhiniiformes	Pentanchidae	<i>Apristurus</i>	0	0	0	0	0	1	0	0	0	0	0	1	
		<i>Bythaelurus</i>	0	0	0	0	0	1	0	0	0	0	0	0	

		<i>Cephaloscyllium</i>	0	0	1	1*	1*	1	0	0	0	0	0	0
		<i>Cephalurus</i>	0	0	0	0	0	1	0	0	0	0	0	0
		<i>Galeus</i>	0	0	0	0	0	0	0	0	0	0	0	1
		<i>Parmaturus</i>	0	0	0	0	0	0	0	0	0	0	0	1
	Scyliorhinidae	† <i>Pachyscyllium</i>	0	0	0	0	0	0	0	0	1	0	0	0
		<i>Schroederichthys</i>	0	0	0	0	0	1	0	0	0	0	0	1
		<i>Scyliorhinus</i>	0	0	0	0	0	0	0	0	1	1	1*	1
	Proscylliidae	<i>Eridacnis</i>	0	0	0	0	0	0	0	0	0	0	0	1
	Pseudotriakidae	<i>Pseudotriakis</i>	0	0	0	0	0	0	0	0	0	0	0	1
	Triakidae	<i>Galeorhinus</i>	0	1	1	1	1*	1	1	1*	1*	1	1*	1
		<i>Triakis</i>	0	0	1	1	1*	1	0	0	0	0	0	0
		cf. <i>Iago</i>	0	0	1	0	0	0	0	0	0	0	0	0
		<i>Mustelus</i>	0	0	1	1	1*	1	1	1	1	1	1	1
	Hemigaleidae	<i>Chaenogaleus</i>	0	0	0	0	0	0	0	0	1	1	0	0
		<i>Hemipristis</i>	1	1	1	1	0	0	1	1	1	1	1	0
		<i>Paragaleus</i>	0	0	1	1*	1	0	0	0	1	0	0	0
	Carcharhinidae	<i>Carcharhinus</i>	1	1	1	1	1	1	1	1	1	1	1	1
		<i>Galeocerdo</i>	0	1	1	1	1	1	1	1	1	1	1*	1
		<i>Isogomphodon</i>	0	0	0	0	0	0	1	1*	1	1	1*	1
		† <i>Kruckowlamna</i>	0	0	0	0	0	0	0	0	1	1	0	0
		<i>Nasolamia</i>	0	0	0	0	0	1	0	0	0	0	0	0
		<i>Negaprion</i>	1	1	1	1	1	1	1	1	1	1	1*	1
		<i>Prionace</i>	0	0	0	1	1*	1	0	0	0	1	1*	1
		† <i>Physogaleus</i>	0	0	1	0	0	0	1	1	0	0	0	0
		<i>Rhizoprionodon</i>	0	1	1	1	1	1	1	1	1	1	1*	1
		<i>Triaenodon</i>	0	0	0	0	0	1	0	0	0	0	0	0
	Sphyrnidae	<i>Sphyrna</i>	0	1	1	1	1*	1	1	1	1	1	1	1
Rhinopristiformes	Pristidae	<i>Pristis</i>	0	0	1	0	0	1	1	1	1	1	1*	1
	Rhinidae	<i>Rhynchobatus</i>	0	0	1	0	0	0	1	1	1	1	0	0
	Rhinobatidae	<i>Pseudobatos</i>	0	0	1	1*	1*	1	0	0	0	0	1	1
	Trygonorrhinidae	<i>Zapterix</i>	0	0	0	0	0	1	0	0	0	0	0	0
Rajiformes	Arhynchobatidae	<i>Bathyraja</i>	0	0	0	0	0	1	0	0	0	0	0	0
		<i>Notoraja</i>	0	0	0	0	0	1	0	0	0	0	0	0
		<i>Rioraja</i>	0	0	0	0	0	0	0	0	0	0	0	1
		<i>Sympterygia</i>	0	0	0	0	0	1	0	0	0	0	0	0
	Gurgesiellidae	<i>Cruriraja</i>	0	0	0	0	0	0	0	0	0	0	0	1
		<i>Fenestraraja</i>	0	0	0	0	0	0	0	0	0	0	0	1
		<i>Gurgesiella</i>	0	0	0	0	0	1	0	0	0	0	0	1
	Rajidae	<i>Amblyraja</i>	0	0	0	0	0	1	0	0	0	0	0	0
		<i>Breviraja</i>	0	0	0	0	0	0	0	0	0	0	0	1
		<i>Dactylobatus</i>	0	0	0	0	0	0	0	0	0	0	0	1
		<i>Dipturus</i>	0	0	0	0	0	1	0	0	0	0	0	1
		<i>Leucoraja</i>	0	0	0	0	0	0	0	0	0	0	0	1
		<i>Malacoraja</i>	0	0	0	0	0	0	0	0	0	0	0	1
		<i>Rostroraja</i>	0	0	0	1	1*	1	0	0	1	1	1*	1
		<i>Rajella</i>	0	0	0	0	0	1	0	0	0	0	0	1
	Anacanthobatidae	<i>Schroederobatis</i>	0	0	0	0	0	0	0	0	0	0	0	1
		<i>Springeria</i>	0	0	0	0	0	0	0	0	0	0	0	1
Torpediformes	Narcinidae	<i>Benthobatis</i>	0	0	0	0	0	0	0	0	0	0	0	1
		<i>Diplobatis</i>	0	0	0	0	0	1	0	0	0	0	0	1
		<i>Discopyge</i>	0	0	0	0	0	1	0	0	0	0	0	1

		<i>Narcine</i>	0	0	0	0	0	1	0	0	0	0	1	1
	Torpedinidae	<i>Tetronarce</i>	0	0	0	0	0	1	0	0	0	0	0	1
		<i>Torpedo</i>	0	0	0	0	0	0	0	0	0	0	0	1
Myliobatiformes	Dasyatidae	<i>Dasyatis</i>	0	1	1	1	1*	1?	1	1	1	1	1	1?
		<i>Bathytoshia</i>	0	0	0	0	0	0	0	0	0	0	0	1
		<i>Fontitrygon</i>	0	0	0	0	0	0	0	0	0	0	0	1
		<i>Hypanus</i>	0	0	0	0	0	1	0	0	0	0	0	1
		<i>Pteroplatytrygon</i>	0	0	0	0	0	1	1	1*	1*	1*	1*	1
		<i>Taeniura</i>	0	0	0	0	0	0	1	1*	1	0	0	0
		<i>Taeniurops</i>	0	0	0	0	0	1	1	0	0	0	0	0
	Gymnuridae	<i>Gymnura</i>	0	0	0	0	0	1	0	0	0	0	0	1
	Potamotrygonidae	<i>Styracura</i>	0	0	1	1*	1*	1	1	1*	1*	1*	1*	1
	Urotrygonidae	<i>Urobatis</i>	0	0	1	1*	1*	1	1	1*	1	1*	1*	1
		<i>Urotrygon</i>	0	0	0	0	0	1	0	0	0	0	0	1
	Aetobatidae	<i>Aetobatus</i>	0	0	1	1	1	1	1	1	1	1	1*	1
	Myliobatidae	<i>Aetomylaeus</i>	0	0	0	0	0	1	1	1	1	1	0	0
		<i>Myliobatis</i>	0	0	1	1	1	1	1	1	1	1	1*	1
	Rhinopteridae	<i>Rhinoptera</i>	0	0	1	1	1*	1	1	1	1	1	1	1
	Mobulidae	<i>Mobula</i>	0	1	1	1	1*	1	1	1*	1	1	1*	1
		† <i>Plinthicus</i>	0	0	0	0	0	0	1	0	0	0	0	0